

DOSSERT®

TYPE D

Copper Screw Terminals For Cable To Flat

An inexpensive lug of rugged construction yet very compact. These lugs are suitable for all types of installations and are completely reusable. Acceptance of wide range of conductor sizes limits the need for large stock.

Material

Copper Alloy

Hardware

Zinc Plated Steel Screw

Note

Also available with Hex head set screw. Add (H) to catalog number. Example D35H.

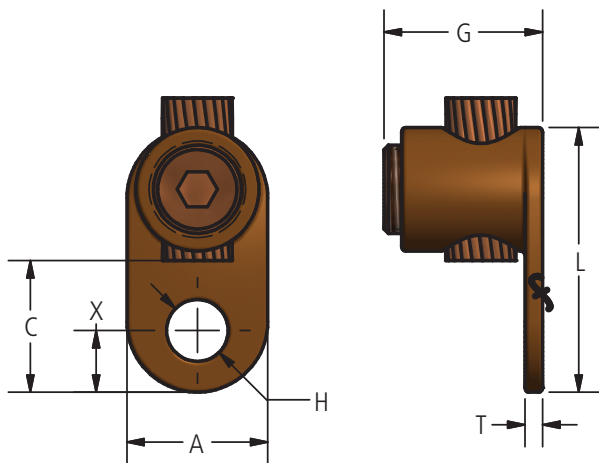
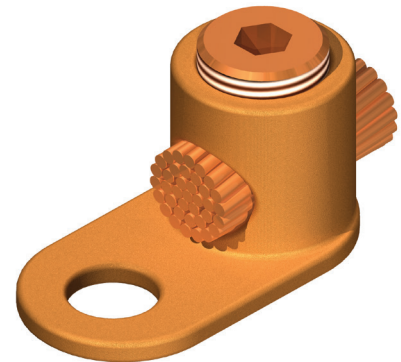


FIG. 1

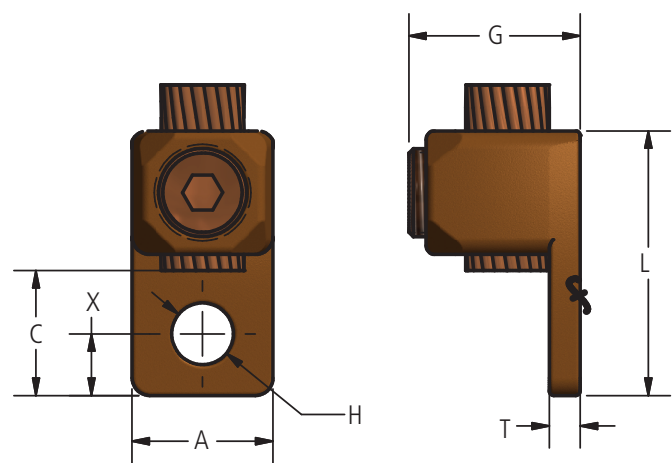


FIG. 2

Ordering Information

CATALOG NUMBER		CABLE RANGE		FIG. NO.	DIMENSIONS IN INCHES						
ALLEN HEAD BOLT	HEX HEAD BOLT	MINIMUM	MAXIMUM		A	C	G	H	L	T	X
D10	D10H	4 STR	1/0 STR	1	3/4	3/4	7/8	11/32	1 1/2	5/32	3/8
D21	D21H	1 STR	4/0 STR	1	15/16	1	1 1/4	7/16	1 13/16	3/16	7/16
D25	D25H	2/0 STR	250 MCM	1	1	1	1 5/16	7/16	1 7/8	3/16	7/16
D35	D35H	#14 SOL	#8 STR	1	13/32	15/32	9/16	7/32	13/16	5/64	3/16
D50	D50H	4/0 STR	500 MCM	2	1 3/8	1 3/8	1 3/4	9/16	2 7/8	5/16	11/16
D70	D70H	#14 SOL	#4 STR	1	9/16	5/8	11/16	9/32	1 1/8	7/64	1/4
D100	D100H	500 MCM	1000 MCM	2	1 15/16	1 5/8	2 1/4	9/16	3 5/8	3/8	3/4

DOSSERT®

TYPE D2

Copper Screw Terminals For Two Cables To Flat

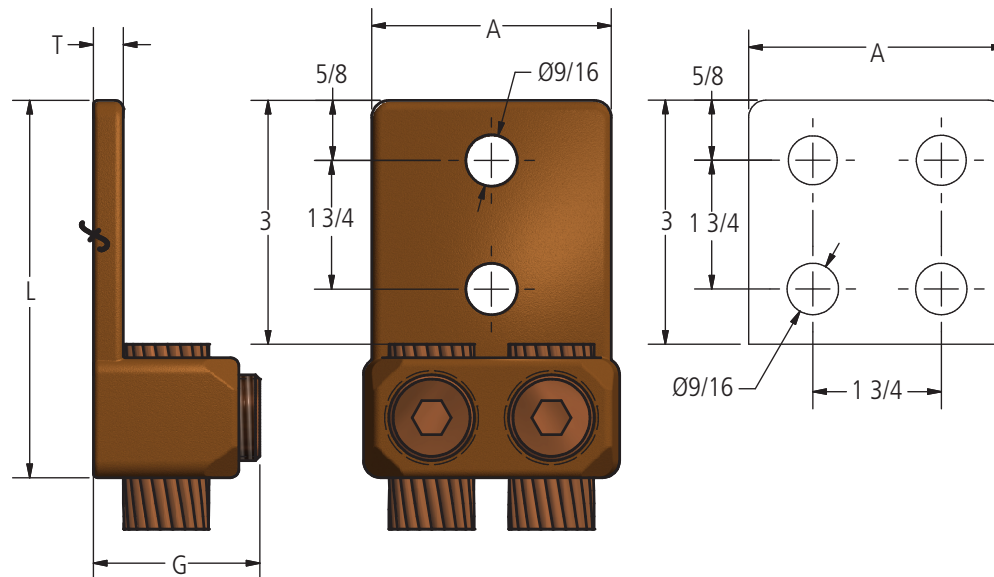
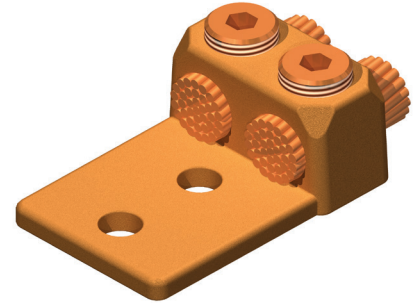
A double conductor lug of the same rugged construction as the Type D. Available with either hex socket or hex head pressure screws. Wide range of conductor sizes limits the need for large stock.

Material

Copper Alloy

Hardware

Zinc Plated Steel Screw



Ordering Information

CATALOG NUMBER		CABLE RANGE		FIG. NO.	DIMENSIONS IN INCHES			
SOCKET	HEX	MIN	MAX		A	G	L	T
D2-25	D2-25H	1/0 STR	250 MCM	1	1 7/8	1 5/16	4 5/16	9/32
D2-50	D2-50H	4/0 STR	500 MCM	1	2 1/2	1 3/4	4 7/8	3/8
D2-100	D2-100H	500 MCM	1000 MCM	2	3 1/4	2 1/4	5 9/16	1/2

DOSSERT® TYPE HHL, HHL-A Copper Heavy Duty Terminal for Cable

A variable terminal connector whose double clamping element provides for additional secureness where heavy duty service is required. The simplicity of installation and rugged design make this connector a serviceable unit. Made of high conductivity cast copper alloy and equipped with bronze pressure screws and clamping members. HHL-A has cap screws instead of hex bolts for clamping the conductor.

Material

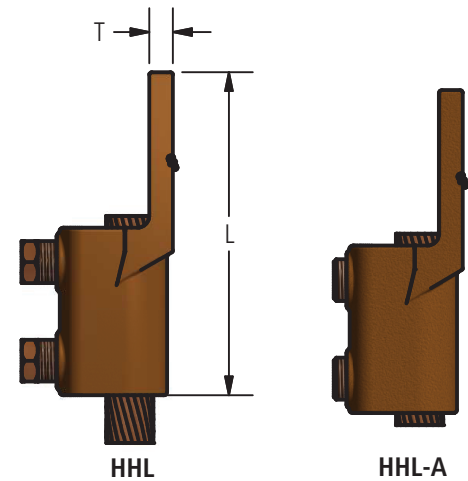
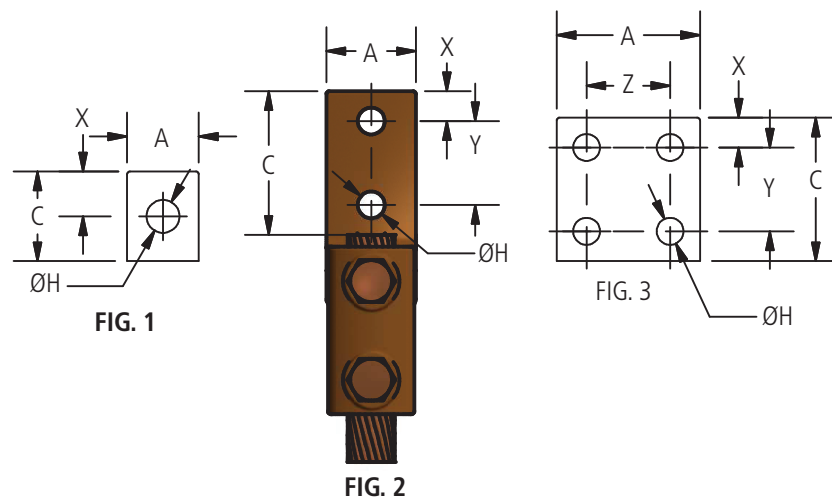
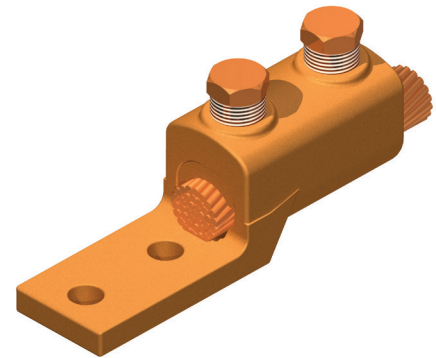
Copper Alloy

Hardware

Zinc Plated Steel Screw

Note

For a 350MCM cable to a 2 NEMA pad with cap screws order: HHL350-2N-A



DOSSERT®

TYPE HHL, HHL-A

Copper Heavy Duty Terminal for Cable

Ordering Information

CATALOG NUMBER		CABLE SIZE		FIG. NO.	DIMENSIONS IN INCHES							
HEX HEAD BOLT	ALLEN HEAD BOLT	MIN	MAX		A	C	H	L	X	Y	Z	T
HHL4-1	HHL4-1-A	8 SOL	4 STR	1	1/2	5/8	9/32	2 3/8	5/16	-	-	3/16
HHL4-2	HHL4-2-A	8 SOL	4 STR	2	1/2	1 1/4	9/32	2 15/16	5/16	5/8	-	3/16
HHL8-1	HHL8-1-A	4 SOL	1 STR	1	11/16	11/16	9/32	2 13/16	11/32	-	-	7/32
HHL8-2	HHL8-2-A	4 SOL	1 STR	2	11/16	1 3/8	9/32	3 5/8	5/16	3/4	-	7/32
HHL13-1	HHL13-1-A	1 STR	2/0 STR	1	13/16	7/8	7/16	3 3/16	7/16	-	-	7/32
HHL13-2	HHL13-2-A	1 STR	2/0 STR	2	13/16	1 5/8	11/32	4 3/16	3/8	7/8	-	7/32
HHL21-1	HHL21-1-A	2/0 STR	4/0 STR	1	1	1	7/16	3 9/16	1/2	-	-	1/4
HHL21-2	HHL21-2-A	2/0 STR	4/0 STR	2	1	1 3/4	7/16	4 1/2	3/8	1	-	1/4
HHL21-2N	HHL21-2N-A	2/0 STR	4/0 STR	2	1 1/2	3	9/16	5 5/8	5/8	1 3/4	-	1/4
HHL30-1	HHL30-1-A	4/0 STR	300 MCM	1	1 3/16	1 1/4	9/16	4 3/16	5/8	-	-	5/16
HHL30-2	HHL30-2-A	4/0 STR	300 MCM	2	1 3/16	2	7/16	4 3/4	7/16	1	-	5/16
HHL30-2N	HHL30-2N-A	4/0 STR	300 MCM	2	1 1/2	3	9/16	5 7/8	5/8	1 3/4	-	5/16
HHL35-1	HHL35-1-A	250 MCM	350 MCM	1	1 3/16	1 1/4	9/16	4 3/8	5/8	-	-	5/16
HHL35-2	HHL35-2-A	250 MCM	350 MCM	2	1 3/16	2	7/16	4 7/8	7/16	1	-	5/16
HHL35-2N	HHL35-2N-A	300 MCM	350 MCM	2	1 1/2	3	9/16	6	5/8	1 3/4	-	5/16
HHL50-1	HHL50-1-A	300 MCM	500 MCM	1	1 3/8	1 3/8	9/16	4 7/8	11/16	-	-	11/32
HHL50-2	HHL50-2-A	300 MCM	500 MCM	2	1 3/8	2	7/16	5 3/8	7/16	1	-	11/32
HHL50-2N	HHL50-2N-A	300 MCM	500 MCM	2	1 1/2	3	9/16	6 3/8	5/8	1 3/4	-	11/32
HHL50-4	HHL50-4-A	300 MCM	500 MCM	3	2	2	7/16	5 3/8	7/16	1	1	11/32
HHL50-4N	HHL50-4N-A	500 MCM	750 MCM	3	3	3	9/16	6 7/8	5/8	1 3/4	1 3/4	11/32
HHL75-1	HHL75-1-A	500 MCM	750 MCM	1	1 5/8	1 3/4	11/16	5 11/16	7/8	-	-	3/8
HHL75-2	HHL75-2-A	500 MCM	750 MCM	2	1 5/8	2 1/4	9/16	5 15/16	9/16	1 1/8	-	3/8
HHL75-2N	HHL75-2N-A	500 MCM	750 MCM	2	1 5/8	3	9/16	6 13/16	5/8	1 3/4	-	3/8
HHL75-4	HHL75-4-A	500 MCM	750 MCM	3	2 1/4	2 1/4	7/16	5 3/4	5/8	1	1	3/8
HHL75-4N	HHL75-4N-A	750 MCM	1000 MCM	3	3	3	9/16	6 7/8	5/8	1 3/4	1 3/4	3/8
HHL100-1	HHL100-1-A	750 MCM	1000 MCM	1	1 7/8	1 7/8	11/16	6 1/16	15/16	-	-	1/2
HHL100-2	HHL100-2-A	750 MCM	1000 MCM	2	1 7/8	2 1/2	9/16	6 3/8	5/8	1 1/4	-	1/2
HHL100-2N	HHL100-2N-A	750 MCM	1000 MCM	2	1 7/8	3	9/16	7 1/16	5/8	1 3/4	-	1/2
HHL100-4	HHL100-4-A	750 MCM	1000 MCM	3	2 1/2	2 1/2	7/16	6 1/4	5/8	1 1/4	1 1/4	1/2
HHL100-4N	HHL100-4N-A	1000 MCM	1500 MCM	3	3	3	9/16	7 1/8	5/8	1 3/4	1 3/4	1/2
HHL150-1	HHL150-1-A	1000 MCM	1500 MCM	1	2 1/8	2 1/8	13/16	6 3/8	1 1/16	-	-	9/16
HHL150-2	HHL150-2-A	1000 MCM	1500 MCM	2	2 1/8	2 5/8	9/16	7 3/8	5/8	1 3/8	-	9/16
HHL150-2N	HHL150-2N-A	1000 MCM	1500 MCM	2	2 1/8	3	9/16	7 3/4	5/8	1 3/4	-	9/16
HHL150-4	HHL150-4-A	1000 MCM	1500 MCM	3	2 5/8	2 5/8	9/16	7 3/8	5/8	1 3/8	1 3/8	9/16
HHL150-4N	HHL150-4N-A	1000 MCM	1500 MCM	3	3	3	9/16	8 1/4	5/8	1 3/4	1 3/4	9/16

DOSSERT®

TYPE HL, H2L, H3L, H4L

Copper Set Screw Terminal. HL is a single conductor Herculon Connector, H2L is a two conductor HERCULON™ Connector, H3L is a three conductor Herculon Connector, and H4L is a four conductor Herculon Connector. HL-A has a set screw instead of the hex bolt.

The HERCULON™ Lug is designed for quick and efficient installation. Its compact rigid structure makes it especially adaptable for assembly in inaccessible quarters. A high compressive clamping force on the cable conductors plus the additional gripping action of special serrated bearing areas makes for high electrical contact efficiency and pull out strength.

Material

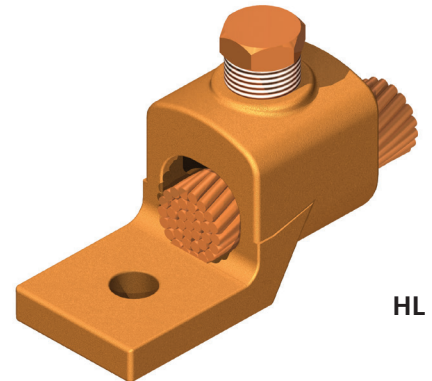
Copper Alloy

Hardware

Everdur pressure bolt

Notes

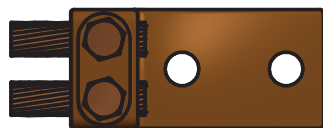
- For a 2 conductor, 4N NEMA pad, and 750 MCM cable order H2L75-4N
- For a 3 conductor, 4N NEMA pad, 750 MCM cable, and cap screw order H3L75-4NA
- For a 4 conductor, 4N NEMA pad, and 750 MCM cable order H4L75-4N
- For angled terminals add angle to end of catalog number. Example: H4L1-1-45



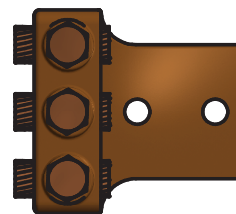
HL



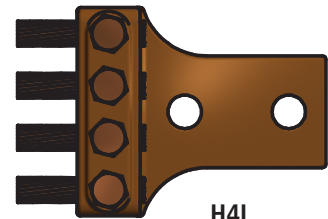
HL



H2L



H3L



H4L

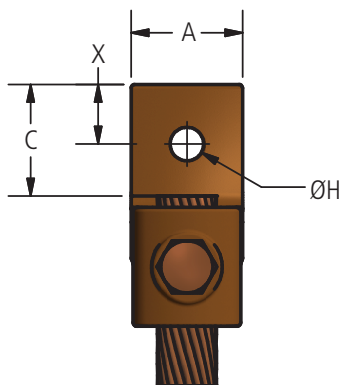


FIG. 1

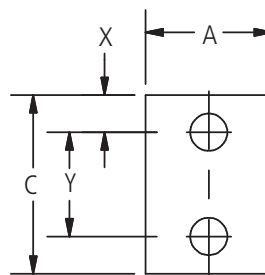
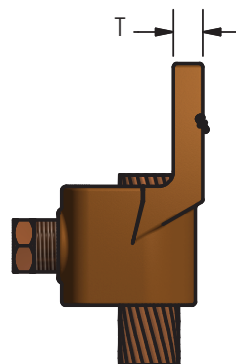


FIG. 2

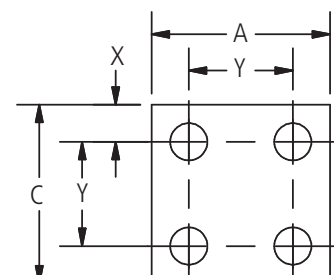


FIG. 3

DOSSERT®

TYPE HL, H2L, H3L, H4L

Copper Set Screw Terminal. HL is a single conductor Herculon Connector, H2L is a two conductor HERCULON™ Connector, H3L is a three conductor Herculon Connector, and H4L is a four conductor Herculon Connector. HL-A has a set screw instead of the hex bolt.

Ordering Information

CATALOG NUMBER				COMMERCIAL CABLE SIZE		NAVY CABLE SIZE		FIG. NO.	DIMENSIONS IN INCHES					
ONE CABLE	TWO CABLES	THREE CABLES	FOUR CABLES	MIN	MAX	MIN	MAX		A	C	H	X	Y	T
HL1-1	H2L1-1	H3L1-1	H4L1-1	14 SOL	8 STR	4	14	1	1/2	5/8	7/32	5/16	-	3/16
HL1-2	H2L1-2	H3L1-2	H4L1-2	14 SOL	8 STR	4	14	2	1/2	1 1/4	7/32	5/16	5/8	3/16
HL4-1	H2L4-1	H3L4-1	H4L4-1	8 SOL	4 STR	23	40	1	1/2	5/8	9/32	5/16	-	3/16
HL4-2	H2L4-2	H3L4-2	H4L4-2	8 SOL	4 STR	23	40	2	1/2	1 1/4	9/32	5/16	5/8	3/16
HL8-1	H2L8-1	H3L8-1	H4L8-1	4 SOL	1 STR	50	75	1	11/16	11/16	9/32	11/32	-	7/32
HL8-2	H2L8-2	H3L8-2	H4L8-2	4 SOL	1 STR	50	75	2	11/16	1 3/8	9/32	5/16	3/4	7/32
HL13-1	H2L13-1	H3L13-1	H4L13-1	1 STR	2/0 STR	100	125	1	13/16	7/8	7/16	7/16	-	7/32
HL13-2	H2L13-2	H3L13-2	H4L13-2	1 STR	2/0 STR	100	125	2	13/16	1 3/4	11/32	3/8	1	7/32
HL21-1	H2L21-1	H3L21-1	H4L21-1	2/0 STR	4/0 STR	150	200	1	1	1	7/16	1/2	-	1/4
HL21-2	H2L21-2	H3L21-2	H4L21-2	2/0 STR	4/0 STR	150	200	2	1	1 3/4	7/16	3/8	1	1/4
HL21-2N	H2L21-2N	H3L21-2N	H4L21-2N	2/0 STR	4/0 STR	150	200	2	1	3	9/16	5/8	1 3/4	1/4
HL30-1	H2L30-1	H3L30-1	H4L30-1	4/0 STR	300 MCM	250	300	1	1 1/16	1 1/4	9/16	5/8	-	5/16
HL30-2	H2L30-2	H3L30-2	H4L30-2	4/0 STR	300 MCM	250	300	2	1 1/16	2	7/16	7/16	1	5/16
HL30-2N	H2L30-2N	H3L30-2N	H4L30-2N	4/0 STR	300 MCM	250	300	2	1 1/16	3	9/16	5/8	1 3/4	5/16
HL35-1	H2L35-1	H3L35-1	H4L35-1	250 MCM	350 MCM	250	350	1	1 1/8	1 1/4	9/16	5/8	-	5/16
HL35-2	H2L35-2	H3L35-2	H4L35-2	250 MCM	350 MCM	250	350	2	1 1/8	2	7/16	7/16	1	5/16
HL35-2N	H2L35-2N	H3L35-2N	H4L35-2N	250 MCM	350 MCM	250	350	2	1 1/8	3	9/16	5/8	1 3/4	5/16
HL50-1	H2L50-1	H3L50-1	H4L50-1	300 MCM	500 MCM	400	500	1	1 3/8	1 3/8	9/16	11/16	-	11/32
HL50-2	H2L50-2	H3L50-2	H4L50-2	300 MCM	500 MCM	400	500	2	1 3/8	2	7/16	7/16	1	11/32
HL50-2N	H2L50-2N	H3L50-2N	H4L50-2N	300 MCM	500 MCM	400	500	2	1 3/8	3	9/16	5/8	1 3/4	11/32
HL50-4	H2L50-4	H3L50-4	H4L50-4	300 MCM	500 MCM	400	500	3	2	2	7/16	7/16	1	11/32
HL50-4N	H2L50-4N	H3L50-4N	H4L50-4N	300 MCM	500 MCM	400	500	3	3	3	9/16	5/8	1 3/4	11/32
HL75-1	H2L75-1	H3L75-1	H4L75-1	500 MCM	750 MCM	500	750	1	1 5/8	1 3/4	11/16	7/8	-	3/8
HL75-2	H2L75-2	H3L75-2	H4L75-2	500 MCM	750 MCM	500	750	2	1 5/8	2 1/4	9/16	9/16	1 1/8	3/8
HL75-2N	H2L75-2N	H3L75-2N	H4L75-2N	500 MCM	750 MCM	500	750	2	1 5/8	3	9/16	5/8	1 3/4	3/8
HL75-4	H2L75-4	H3L75-4	H4L75-4	500 MCM	750 MCM	500	750	3	2 1/4	2 1/4	7/16	5/8	1	3/8
HL75-4N	H2L75-4N	H3L75-4N	H4L75-4N	500 MCM	750 MCM	500	750	3	3	3	9/16	5/8	1 3/4	3/8
HL100-1	H2L100-1	H3L100-1	H4L100-1	750 MCM	1000 MCM	800	1000	1	1 7/8	1 7/8	11/16	15/16	-	1/2
HL100-2	H2L100-2	H3L100-2	H4L100-2	750 MCM	1000 MCM	800	1000	2	1 7/8	2 1/2	9/16	5/8	1 1/4	1/2
HL100-2N	H2L100-2N	H3L100-2N	H4L100-2N	750 MCM	1000 MCM	800	1000	2	1 7/8	3	9/16	5/8	1 3/4	1/2
HL100-4	H2L100-4	H3L100-4	H4L100-4	750 MCM	1000 MCM	800	1000	3	2 1/2	2 1/2	7/16	5/8	1 1/4	1/2
HL100-4N	H2L100-4N	H3L100-4N	H4L100-4N	750 MCM	1000 MCM	800	1000	3	3	3	9/16	5/8	1 3/4	1/2
HL150-1	H2L150-1	H3L150-1	H4L150-1	1000 MCM	1500 MCM	1300	1300	1	2 3/16	2 1/8	13/16	1 1/16	-	9/16
HL150-2	H2L150-2	H3L150-2	H4L150-2	1000 MCM	1500 MCM	1300	1300	2	2 3/16	2 5/8	9/16	5/8	1 3/8	9/16
HL150-2N	H2L150-2N	H3L150-2N	H4L150-2N	1000 MCM	1500 MCM	1300	1300	2	2 3/16	3	9/16	5/8	1 3/4	9/16
HL150-4	H2L150-4	H3L150-4	H4L150-4	1000 MCM	1500 MCM	1300	1300	3	2 1/2	2 5/8	9/16	5/8	1 3/8	1/2
HL150-4N	H2L150-4N	H3L150-4N	H4L150-4N	1000 MCM	1500 MCM	1300	1300	3	3	3	9/16	5/8	1 3/4	1/2
HL200-1	H2L200-1	H3L200-1	H4L200-1	1600 MCM	2000 MCM	1600	2000	1	2 1/2	2 3/8	13/16	13/16	-	5/8
HL200-2	H2L200-2	H3L200-2	H4L200-2	1600 MCM	2000 MCM	1600	2000	2	2 1/2	2 3/4	9/16	5/8	1 1/2	5/8
HL200-2N	H2L200-2N	H3L200-2N	H4L200-2N	1600 MCM	2000 MCM	1600	2000	2	2 1/2	3	9/16	5/8	1 3/4	5/8
HL200-4	H2L200-4	H3L200-4	H4L200-4	1600 MCM	2000 MCM	1600	2000	3	2 5/8	2 3/4	9/16	5/8	1 1/2	5/8
HL200-4N	H2L200-4N	H3L200-4N	H4L200-4N	1600 MCM	2000 MCM	1600	2000	3	3	3	9/16	5/8	1 3/4	5/8

DOSSERT® TYPE HL, HLA-45, HLA-90

Copper Set Screw Terminal. HL conductor runs parallel to the pad, HLA45 the pad is at a 45° angle to the conductor, and HLA90 the pad is at a 90° angle to the conductor. HL-A has a set screw instead of the hex bolt.

The HERCULON™ Lug is designed for quick and efficient installation. Its compact rigid structure makes it especially adaptable for assembly in inaccessible quarters. A high compressive clamping force on the cable conductors plus the additional gripping action of special serrated bearing areas makes for high electrical contact efficiency and pull out strength.

Material

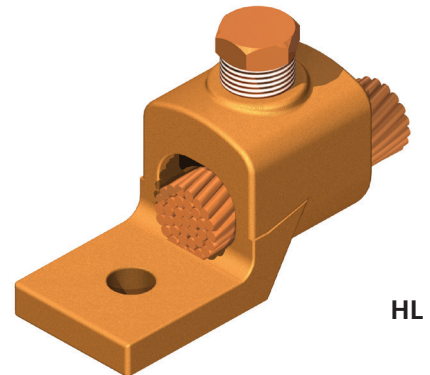
Copper Alloy

Hardware

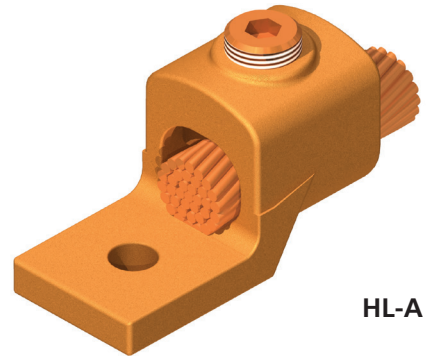
Everdur pressure bolt

Note

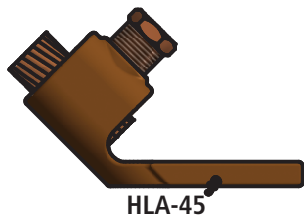
For set screw instead of bolt, add "A" to end of part number. Example: HL1-1A



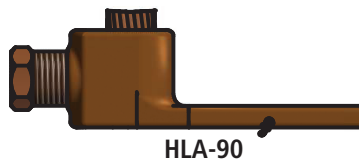
HL



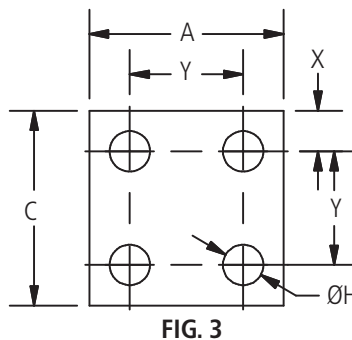
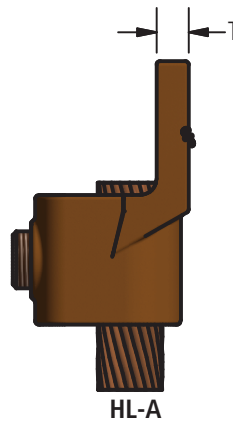
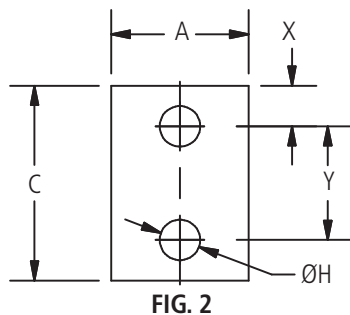
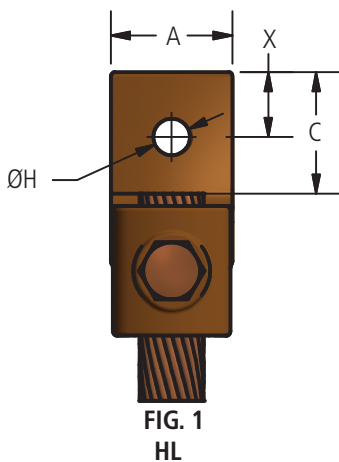
HL-A



HLA-45



HLA-90



DOSSERT® TYPE HL, HLA-45, HLA-90

Ordering Information

CATALOG NUMBER			COMMERCIAL CABLE SIZE		NAVY CABLE SIZE		FIG. NO.	DIMENSIONS IN INCHES					
STRAIGHT	45 DEG	90 DEG	MIN.	MAX.	MIN.	MAX.		A	C	H	X	Y	T
HL1-1	HLA1-1-45	HLA1-1-90	14 SOL	8 STR	4	14	1	9/16	3/4	7/32	5/16	-	3/16
HL1-2	HLA1-2-45	HLA1-2-90	14 SOL	8 STR	4	14	2	1/2	1 1/4	7/32	5/16	5/8	3/16
HL4-1	HLA4-1-45	HLA4-1-90	8 SOL	4 STR	23	40	1	9/16	3/4	9/32	5/16	-	3/16
HL4-2	HLA4-2-45	HLA4-2-90	8 SOL	4 STR	23	40	2	9/16	1 1/4	9/32	5/16	5/8	3/16
HL8-1	HLA8-1-45	HLA8-1-90	4 SOL	1 STR	50	75	1	3/4	7/8	9/32	11/32	-	7/32
HL8-2	HLA8-2-45	HLA8-2-90	4 SOL	1 STR	50	75	2	3/4	1 1/2	9/32	5/16	3/4	7/32
HL13-1	HLA13-1-45	HLA13-1-90	1 STR	2/0 STR	100	125	1	13/16	7/8	7/16	7/16	-	7/32
HL13-2	HLA13-2-45	HLA13-2-90	1 STR	2/0 STR	100	125	2	13/16	1 5/8	7/16	3/8	1	7/32
HL21-1	HLA21-1-45	HLA21-1-90	2/0 STR	4/0 STR	150	200	1	1	1	7/16	1/2	-	1/4
HL21-2	HLA21-2-45	HLA21-2-90	2/0 STR	4/0 STR	150	200	2	1	1 3/4	7/16	3/8	1	1/4
HL21-2N	HLA21-2N-45	HLA21-2N-90	2/0 STR	4/0 STR	150	200	2	1	3	9/16	5/8	1 3/4	1/4
HL30-1	HLA30-1-45	HLA30-1-90	4/0 STR	300 MCM	250	300	1	1 1/16	1 1/4	9/16	5/8	-	5/16
HL30-2	HLA30-2-45	HLA30-2-90	4/0 STR	300 MCM	250	300	2	1 3/16	2	7/16	7/16	1	5/16
HL30-2N	HLA30-2N-45	HLA30-2N-90	4/0 STR	300 MCM	250	300	2	1 1/16	3	9/16	5/8	1 3/4	5/16
HL35-1	HLA35-1-45	HLA35-1-90	250 MCM	350 MCM	250	350	1	13/16	1 1/4	9/16	5/8	-	5/16
HL35-2	HLA35-2-45	HLA35-2-90	250 MCM	350 MCM	250	350	2	13/16	2	7/16	7/16	1	5/16
HL35-2N	HLA35-2N-45	HLA35-2N-90	250 MCM	350 MCM	250	350	2	1 1/2	3	9/16	5/8	1 3/4	5/16
HL50-1	HLA50-1-45	HLA50-1-90	300 MCM	500 MCM	400	500	1	1 3/8	1 1/2	9/16	3/4	-	11/32
HL50-2	HLA50-2-45	HLA50-2-90	300 MCM	500 MCM	400	500	2	1 3/8	2	7/16	7/16	1	11/32
HL50-2N	HLA50-2N-45	HLA50-2N-90	300 MCM	500 MCM	400	500	2	1 1/2	3	9/16	5/8	1 3/4	11/32
HL50-4	HLA50-4-45	HLA50-4-90	300 MCM	500 MCM	400	500	3	2	2	7/16	7/16	1	11/32
HL50-4N	HLA50-4N-45	HLA50-4N-90	300 MCM	500 MCM	400	500	3	3	3	9/16	5/8	1 3/4	11/32
HL75-1	HLA75-1-45	HLA75-1-90	500 MCM	750 MCM	500	750	1	1 5/8	1 3/4	11/16	7/8	-	3/8
HL75-2	HLA75-2-45	HLA75-2-90	500 MCM	750 MCM	500	750	2	1 5/8	2 1/4	7/16	9/16	1 1/8	3/8
HL75-2N	HLA75-2N-45	HLA75-2N-90	500 MCM	750 MCM	500	750	2	1 5/8	3	9/16	5/8	1 3/4	3/8
HL75-4	HLA75-4-45	HLA75-4-90	500 MCM	750 MCM	500	750	3	2 1/4	2 1/4	7/16	5/8	1	3/8
HL75-4N	HLA75-4N-45	HLA75-4N-90	500 MCM	750 MCM	500	750	3	3	3	9/16	5/8	1 3/4	3/8
HL100-1	HLA100-1-45	HLA100-1-90	750 MCM	1000 MCM	800	1000	1	1 7/8	1 7/8	11/16	15/16	-	1/2
HL100-2	HLA100-2-45	HLA100-2-90	750 MCM	1000 MCM	800	1000	2	1 7/8	2 1/2	9/16	5/8	1 1/4	1/2
HL100-2N	HLA100-2N-45	HLA100-2N-90	750 MCM	1000 MCM	800	1000	2	1 7/8	3	9/16	5/8	1 3/4	1/2
HL100-4	HLA100-4-45	HLA100-4-90	750 MCM	1000 MCM	800	1000	3	2 1/2	2 1/2	7/16	5/8	1 1/4	1/2
HL100-4N	HLA100-4N-45	HLA100-4N-90	750 MCM	1000 MCM	800	1000	3	3	3	9/16	5/8	1 3/4	1/2
HL150-1	HLA150-1-45	HLA150-1-90	1000 MCM	1500 MCM	1300	1300	1	2 3/16	2 1/8	13/16	1 1/16	-	9/16
HL150-2	HLA150-2-45	HLA150-2-90	1000 MCM	1500 MCM	1300	1300	2	2 3/16	2 5/8	9/16	5/8	1 3/8	9/16
HL150-2N	HLA150-2N-45	HLA150-2N-90	1000 MCM	1500 MCM	1300	1300	2	2 3/16	3	9/16	5/8	1 3/4	9/16
HL150-4	HLA150-4-45	HLA150-4-90	1000 MCM	1500 MCM	1300	1300	3	2 1/2	2 5/8	9/16	5/8	1 3/8	9/16
HL150-4N	HLA150-4N-45	HLA150-4N-90	1000 MCM	1500 MCM	1300	1300	3	3	3	9/16	5/8	1 3/4	9/16
HL200-1	HLA200-1-45	HLA200-1-90	1500 MCM	2000 MCM	1500	2000	1	2 1/2	2 3/8	13/16	1 1/4	-	5/8
HL200-2	HLA200-2-45	HLA200-2-90	1500 MCM	2000 MCM	1500	2000	2	2 1/2	2 3/4	9/16	5/8	1 1/2	5/8
HL200-2N	HLA200-2N-45	HLA200-2N-90	1500 MCM	2000 MCM	1500	2000	2	2 1/2	3	9/16	5/8	1 3/4	5/8
HL200-4	HLA200-4-45	HLA200-4-90	1500 MCM	2000 MCM	1500	2000	3	2 5/8	2 3/4	9/16	5/8	1 1/2	5/8
HL200-4N	HLA200-4N-45	HLA200-4N-90	1500 MCM	2000 MCM	1500	2000	3	3	3	9/16	5/8	1 3/4	5/8

DOSSERT®

TYPE HLS, HLSC

Copper Terminal for Cable to Stud Posts

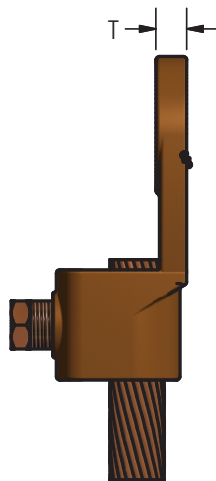
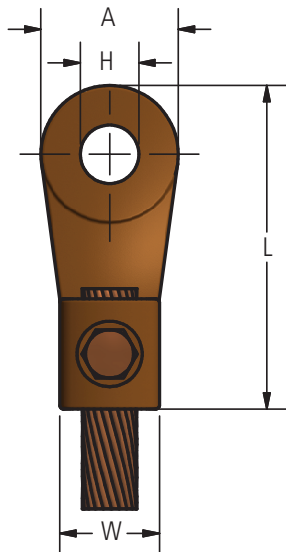
An efficient and easy to install variable type terminal for connecting wires or cables to studposts of electrical equipment. The wire or cable connector is securely clamped in position by merely tightening the pressure screw. The full bearing length of cable is clamped by means of an internal pressure pad curved to fit the conductor.

Material

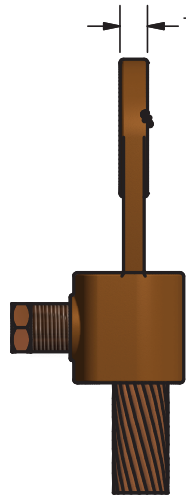
Copper Alloy

Hardware

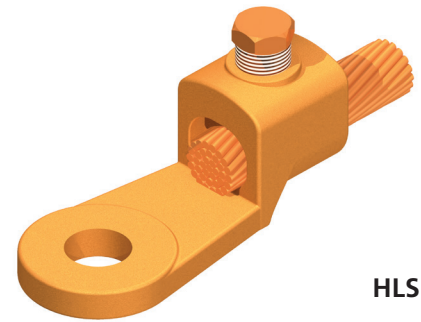
Everdur pressure bolt



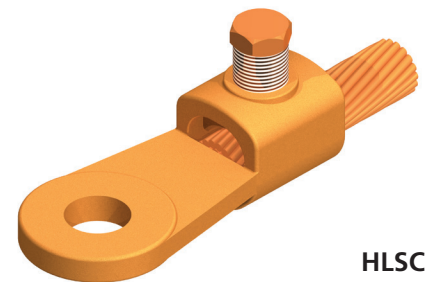
HLS



HLSC



HLS



HLSC

Ordering Information

CATALOG NUMBER		CABLE SIZE		STUD DIA.	DIMENSIONS IN INCHES				
HLS	HLSC	MIN	MAX		A	H	L	T	W
HLS1-25	HLSC1-25	14 SOL	8 STR	1/4	3/4	9/32	1 1/2	3/16	15/32
HLS4-25	HLSC4-25	8 SOL	4 STR	1/4	3/4	9/32	1 9/16	1/4	1/2
HLS8-25	HLSC8-25	4 SOL	1 STR	1/4	3/4	9/32	1 11/16	9/32	11/16
HLS1-38	HLSC1-38	14 SOL	8 STR	3/8	1	13/32	1 3/4	3/16	15/32
HLS4-38	HLSC4-38	8 SOL	4 STR	3/8	1	13/32	1 13/16	1/4	1/2
HLS8-38	HLSC8-38	4 SOL	1 STR	3/8	1	13/32	1 15/16	9/32	11/16
HLS8-50	HLSC8-50	4 SOL	1 STR	1/2	1 1/4	17/32	2 3/16	1/4	11/16
HLS13-50	HLSC13-50	1 STR	2/0 STR	1/2	1 1/4	17/32	2 7/16	9/32	13/16
HLS21-50	HLSC21-50	2/0 STR	4/0 STR	1/2	1 1/4	17/32	2 11/16	5/16	1
HLS30-63	HLSC30-63	4/0 STR	300 MCM	5/8	1 1/2	21/32	3 3/16	3/8	1 3/16
HLS35-63	HLSC35-63	250 MCM	350 MCM	5/8	1 1/2	21/32	3 1/4	3/8	1 1/4
HLS50-63	HLSC50-63	300 MCM	500 MCM	5/8	1 1/2	21/32	3 1/4	3/8	1 11/32
HLS75-63	HLSC75-63	500 MCM	750 MCM	5/8	1 1/2	21/32	3 1/2	7/16	1 19/32
HLS30-75	HLSC30-75	4/0 STR	300 MCM	3/4	1 7/8	25/32	3 9/16	3/8	1 3/16
HLS35-75	HLSC35-75	250 MCM	350 MCM	3/4	1 7/8	25/32	3 5/8	3/8	1 1/4
HLS50-75	HLSC50-75	300 MCM	500 MCM	3/4	1 7/8	25/32	3 5/8	3/8	1 11/32
HLS75-75	HLSC75-75	500 MCM	750 MCM	3/4	1 7/8	25/32	3 7/8	7/16	1 19/32
HLS50-100	HLSC50-100	300 MCM	500 MCM	1	2 1/2	1.03125	4 1/4	3/8	1 11/32
HLS75-100	HLSC75-100	500 MCM	750 MCM	1	2 1/2	1.03125	4 1/2	7/16	1 19/32
HLS100-100	HLSC100-100	750 MCM	1000 MCM	1	2 1/2	1.03125	4 13/16	1/2	1 15/16

DOSSERT®

TYPE T2CVH, T2CVHA-45, T2CVHA-90 Terminal Connector

A heavy duty variable clamp type terminal for connecting a cable to a flat bar bus. Each size terminal accommodates a wide range of cable sizes. Designed to carry the full rated load of the maximum conductor without overheating. Contact pads other than those listed below can be promptly furnished to any specified size or drilling. The variable type terminal exhibits its advantage in that one connector will accommodate a number of cable sizes. This minimizes greatly the problem of stocking various sizes of connectors and the errors which occur in specifying connectors for specific cable sizes.

Material

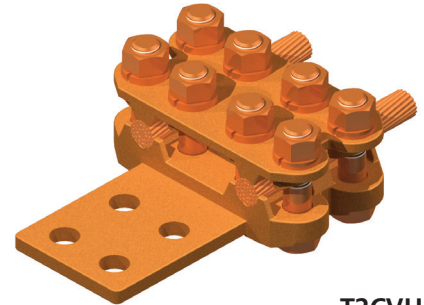
Copper Alloy

Hardware

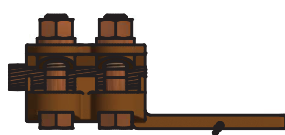
Everdur bolts, nuts and lock washers.

Notes

- For tin plating add suffix (SN) to catalog number. Ex: T2CVH50-2N-SN
- For undrilled pads, add the suffix (U) to the part numbers. Ex: T2CVH50-2U
- For a 45° angle add -45, and for a 90° angle add -90.
For an angled pad add an 'A' after TCVH.
Ex: For 45° 2 hole NEMA pad to two 500MCM cables order: T2CVHA50-2N-45



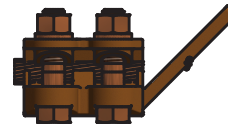
T2CVH



T2CVH



T2CVHA-90



TCVHA-45

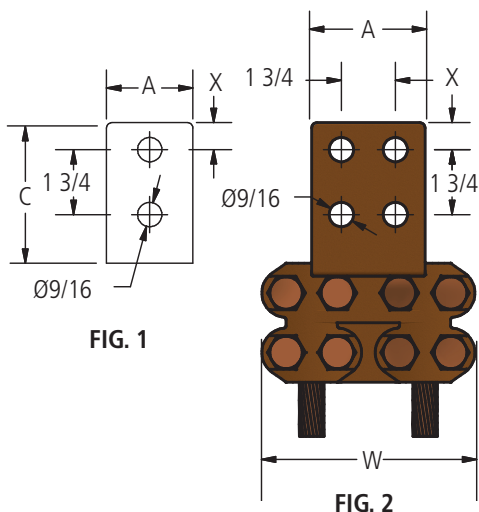


FIG. 1

FIG. 2

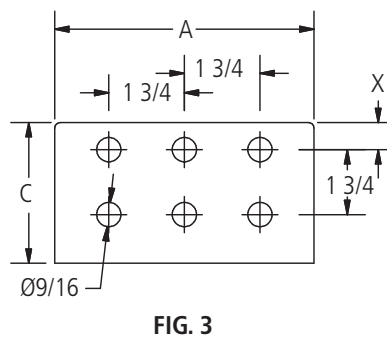
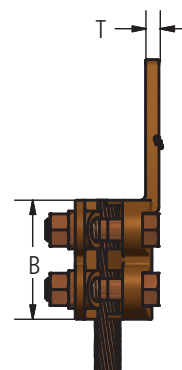


FIG. 3



DOSSERT®

TYPE T2CVH, T2CVHA-45, T2CVHA-90 Terminal Connector

Ordering Information

CATALOG NUMBER			CABLE RANGE		FIG. NO.	DIMENSIONS IN INCHES						BOLT SIZE
STRAIGHT	45 DEG.	90 DEG.	MIN	MAX		A	B	C	T	W	X	
T2CVH25-2N	T2CVHA25-2N-45	T2CVHA25-2N-90	# 4 SOL	250 MCM	1	2	2 3/4	3	5/16	3 1/2	5/8	1/2
T2CVH25-4N	T2CVHA25-4N-45	T2CVHA25-4N-90	# 4 SOL	250 MCM	2	3	2 3/4	3	5/16	3 1/2	5/8	1/2
T2CVH50-2N	T2CVHA50-2N-45	T2CVHA50-2N-90	1/0 SOL	500 MCM	1	2	3	3	3/8	4	5/8	1/2
T2CVH50-4N	T2CVHA50-4N-45	T2CVHA50-4N-90	1/0 SOL	500 MCM	2	3	3	3	3/8	4	5/8	1/2
T2CVH50-4N4	T2CVHA50-4N4-45	T2CVHA50-4N4-90	1/0 SOL	500 MCM	2	4	3	4	3/8	4	1 1/8	1/2
T2CVH80-2N	T2CVHA80-2N-45	T2CVHA80-2N-90	2/0 SOL	800 MCM	1	2	2 7/8	3	1/2	4 1/2	5/8	1/2
T2CVH80-4N	T2CVHA80-4N-45	T2CVHA80-4N-90	2/0 SOL	800 MCM	2	3	2 7/8	3	1/2	4 1/2	5/8	1/2
T2CVH80-4N4	T2CVHA80-4N4-45	T2CVHA80-4N4-90	2/0 SOL	800 MCM	2	4	2 7/8	4	1/2	4 1/2	1 1/8	1/2
T2CVH100-2N	T2CVHA100-2N-45	T2CVHA100-2N-90	4/0 SOL	1000 MCM	1	2 1/2	3	3	1/2	4 3/4	5/8	1/2
T2CVH100-4N	T2CVHA100-4N-45	T2CVHA100-4N-90	4/0 SOL	1000 MCM	2	3	3	3	1/2	4 3/4	5/8	1/2
T2CVH100-4N4	T2CVHA100-4N4-45	T2CVHA100-4N4-90	4/0 SOL	1000 MCM	2	4	3	4	1/2	4 3/4	1 1/8	1/2
T2CVH100-4N4-T5/8	T2CVH100-4N4-T5/8-45	T2CVH100-4N4-T5/8-90	4/0 SOL	1000 MCM	2	4	3	4	5/8	4 3/4	1 1/8	1/2
T2CVH100-4N4-T3/4	T2CVH100-4N4-T3/4-45	T2CVH100-4N4-T3/4-90	4/0 SOL	1000 MCM	2	4	3	4	3/4	4 3/4	1 1/8	1/2
T2CVH100-6N4	T2CVH100-6N4-45	T2CVH100-6N4-90	4/0 SOL	1000 MCM	3	6	3	4	1/2	4 3/4	1 1/8	1/2
T2CVH200-4N	T2CVHA200-4N-45	T2CVHA200-4N-90	500 MCM	2000 MCM	2	3	3 5/8	3	11/16	5 5/8	5/8	1/2
T2CVH200-4N4	T2CVHA200-4N4-45	T2CVHA200-4N4-90	500 MCM	2000 MCM	2	4	3 5/8	4	11/16	5 5/8	1 1/8	1/2
T2CVH200-5N4	T2CVH200-5N4-45	T2CVH200-5N4-90	500 MCM	2000 MCM	3	5	3 5/8	4	11/16	5 5/8	1 1/8	1/2
T2CVH200-6N4	T2CVHA200-6N4-45	T2CVHA200-6N4-90	500 MCM	2000 MCM	3	6	3 5/8	4	11/16	5 5/8	1 1/8	1/2
T2CVH300-4N4	T2CVH300-4N4-45	T2CVH300-4N4-90	1000 MCM	3000 MCM	2	4	3 7/8	4	1	7 3/16	1 1/8	5/8
T2CVH300-6N4	T2CVH300-6N4-45	T2CVH300-6N4-90	1000 MCM	3000 MCM	3	6	3 7/8	4	1	7 3/16	1 1/8	5/8

DOSSERT®

TYPE TCVHA Angled (15, 30, 45, 90 Degrees) Heavy Duty Copper Terminal for Cable to a Flat Pad

A heavy duty variable clamp type terminal for connecting a cable to flat bus bar. Each size terminal accommodates a wide range of cable sizes. Designed to carry the full rated load of the maximum conductor without overheating. Contact pads other than those listed below can be furnished to any specified size or drilling.

Material

Copper Alloy

Hardware

Everdur bolts, nuts and lock washers.

Notes

- For Electro Tin plate, add "-SN" to catalog number. Ex: TCVH50-2N-SN
- For Angled Pad, add "A" to prefix and angle to catalog number.
EX: TCVHA50-45
- For Undrilled Pad, add "-U" to pad size in catalog number. Ex: TCVH50-4N4U

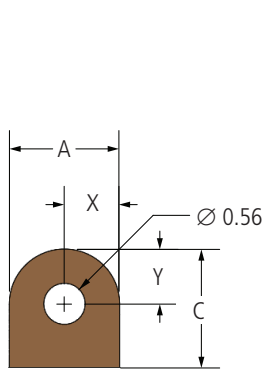
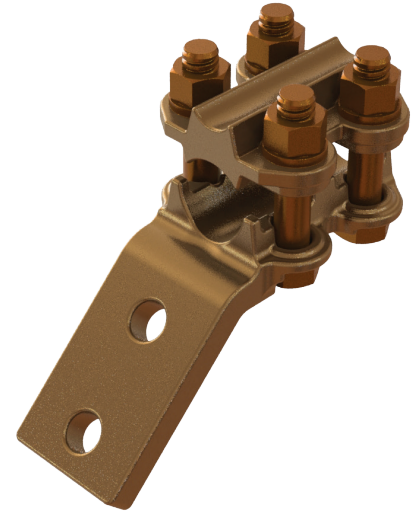


FIG. 1

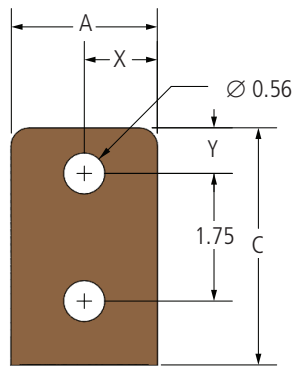


FIG. 2

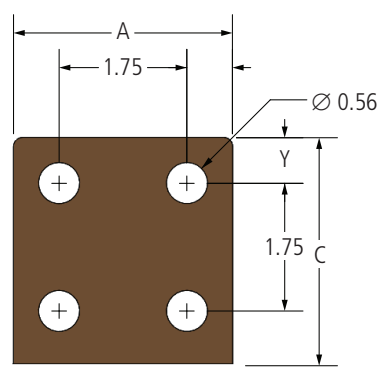
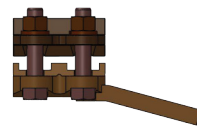
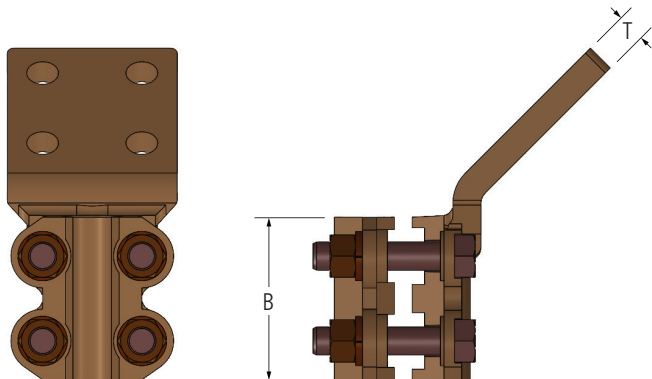
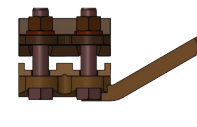


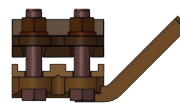
FIG. 3



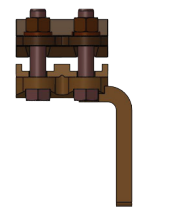
TCVHA-15



TCVHA-30



TCVHA-45



TCVHA-90

continued
→

DOSSERT®**TYPE TCVHA Angled (15, 30, 45, 90 Degrees)****Heavy Duty Copper Terminal for Cable to a Flat Pad****Ordering Information**

Catalog Number				Cable Range		Fig. No.	Dimensions in Inches						Bolt Size
15 Deg.	30 Deg.	45 Deg.	90 Deg.	Min.	Max.		A	B	C	T	X	Y	
TCVHA25-1-15	TCVHA25-1-30	TCVHA25-1-45	TCVHA25-1-90	#4 SOL.	250 MCM	3	1.50	2.75	1.38	0.31	0.75	0.75	1/2
TCVHA25-2N-15	TCVHA25-2N-30	TCVHA25-2N-45	TCVHA25-2N-90	#4 SOL.	250 MCM	1	1.50	2.75	3.00	0.31	0.75	0.63	1/2
TCVHA25-4N-15	TCVHA25-4N-30	TCVHA25-4N-45	TCVHA25-4N-90	#4 SOL.	250 MCM	2	3.00	2.75	3.00	0.31	0.63	0.63	1/2
TCVHA25-4N4-15	TCVHA25-4N4-30	TCVHA25-4N4-45	TCVHA25-4N4-90	#4 SOL.	250 MCM	2	4.00	2.75	4.00	0.31	1.13	1.13	1/2
TCVHA50-1-15	TCVHA50-1-30	TCVHA50-1-45	TCVHA50-1-90	1/0 SOL.	500 MCM	3	2.00	2.63	1.50	0.38	1.00	0.88	1/2
TCVHA50-2N-15	TCVHA50-2N-30	TCVHA50-2N-45	TCVHA50-2N-90	1/0 SOL.	500 MCM	1	2.00	2.63	3.00	0.38	1.00	0.63	1/2
TCVHA50-2N3-15	TCVHA50-2N3-30	TCVHA50-2N3-45	TCVHA50-2N3-90	1/0 SOL.	500 MCM	1	2.00	2.63	3.00	0.38	1.00	0.63	1/2
TCVHA50-4N-15	TCVHA50-4N-30	TCVHA50-4N-45	TCVHA50-4N-90	1/0 SOL.	500 MCM	2	3.00	2.63	3.00	0.38	0.63	0.63	1/2
TCVHA50-4N4-15	TCVHA50-4N4-30	TCVHA50-4N4-45	TCVHA50-4N4-90	1/0 SOL.	500 MCM	2	4.00	2.63	4.00	0.38	1.13	1.13	1/2
TCVHA80-2N-15	TCVHA80-2N-30	TCVHA80-2N-45	TCVHA80-2N-90	2/0 SOL.	800 MCM	1	2.00	2.88	3.00	0.50	1.00	0.63	1/2
TCVHA80-2N3-15	TCVHA80-2N3-30	TCVHA80-2N3-45	TCVHA80-2N3-90	2/0 SOL.	800 MCM	1	2.00	2.88	3.00	0.50	1.00	0.63	1/2
TCVHA80-4N-15	TCVHA80-4N-30	TCVHA80-4N-45	TCVHA80-4N-90	2/0 SOL.	800 MCM	2	3.00	2.88	3.00	0.50	0.63	0.63	1/2
TCVHA80-4N4-15	TCVHA80-4N4-30	TCVHA80-4N4-45	TCVHA80-4N4-90	2/0 SOL.	800 MCM	2	4.00	2.88	4.00	0.50	1.13	1.13	1/2
TCVHA100-2N-15	TCVHA100-2N-30	TCVHA100-2N-45	TCVHA100-2N-90	4/0 SOL.	1000 MCM	1	2.00	2.88	3.00	0.50	1.00	0.63	1/2
TCVHA100-4N-15	TCVHA100-4N-30	TCVHA100-4N-45	TCVHA100-4N-90	4/0 SOL.	1000 MCM	2	3.00	2.88	3.00	0.50	0.63	0.63	1/2
TCVHA100-4N4-15	TCVHA100-4N4-30	TCVHA100-4N4-45	TCVHA100-4N4-90	4/0 SOL.	1000 MCM	2	4.00	2.88	4.00	0.50	1.13	1.13	1/2
TCVHA200-4N-15	TCVHA200-4N-30	TCVHA200-4N-45	TCVHA200-4N-90	500 MCM	2000 MCM	2	3.00	3.38	3.00	0.69	0.63	0.63	1/2
TCVHA200-4N4-15	TCVHA200-4N4-30	TCVHA200-4N4-45	TCVHA200-4N4-90	500 MCM	2000 MCM	2	4.00	3.38	4.00	0.69	1.13	1.13	1/2
TCVHA250-4N-15	TCVHA250-4N-30	TCVHA250-4N-45	TCVHA250-4N-90	2000 MCM	2500 MCM	2	3.00	4.50	3.00	0.81	0.63	0.63	5/8

DOSSERT®

TYPE TCVH-N Straight

Heavy Duty Copper Terminal for Cable to a Flat Pad

A heavy duty variable clamp type terminal for connecting a cable to flat bus bar. Each size terminal accommodates a wide range of cable sizes. Designed to carry the full rated load of the maximum conductor without overheating. Contact pads other than those listed below can be furnished to any specified size or drilling.

Material

Copper Alloy

Hardware

Everdur bolts, nuts and lock washers.

Notes

- For Electro Tin plate, add "-SN" to catalog number. Ex: TCVH50-2N-SN
- For Undrilled Pad add "U" to pad size in catalog number. Ex: TCVH50-4N4U
- For Stainless Steel Hardware add "-SS" to catalog number.
EX: TCVH50-4N4-SS

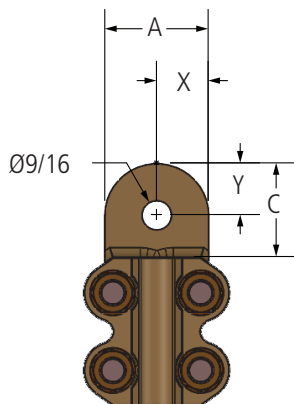
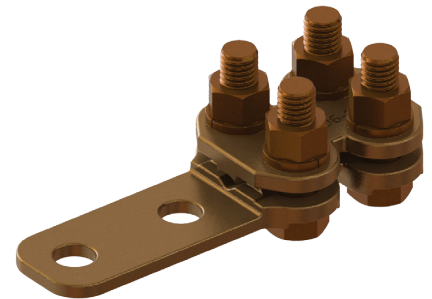
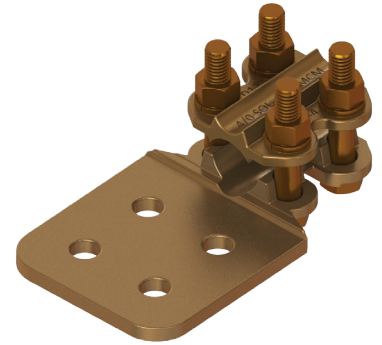


FIG. 1

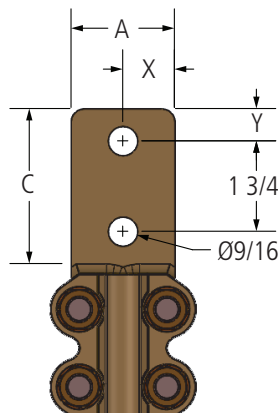


FIG. 2

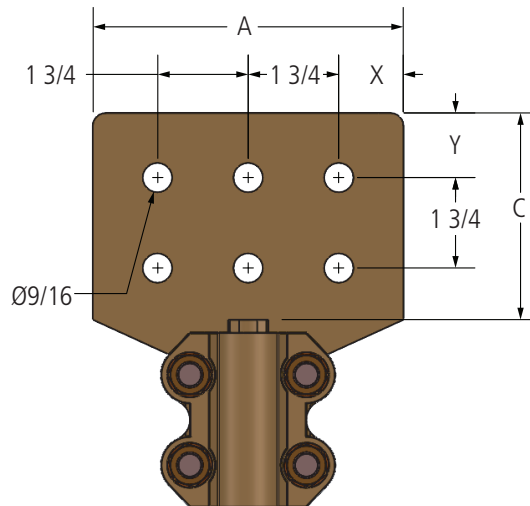


FIG. 4

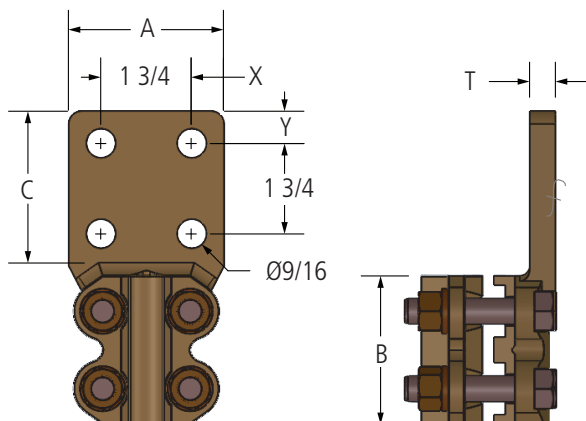


FIG. 3

continued
→

DOSSERT®**TYPE TCVH-N Striaight****Heavy Duty Copper Terminal for Cable to a Flat Pad****Ordering Information**

Catalog Number	Cable Range		Fig. No.	Dimensions in Inches						Bolt Size
Straight	Min.	Max.		A	B	C	T	X	Y	
TCVH25-1	#4 SOL.	250 MCM	1	1.50	2.75	1.38	0.31	0.75	0.75	1/2
TCVH25-2N	#4 SOL.	250 MCM	2	1.50	2.75	3.00	0.28	0.75	0.63	1/2
TCVH25-4N	#4 SOL.	250 MCM	3	3.00	2.75	3.00	0.31	0.63	0.63	1/2
TCVH25-4N4	#4 SOL.	250 MCM	3	4.00	2.75	4.00	0.31	1.13	1.13	1/2
TCVH50-1	1/0 SOL.	500 MCM	1	2.00	2.63	1.50	0.38	1.00	0.88	1/2
TCVH50-2N	1/0 SOL.	500 MCM	2	2.00	2.63	3.19	0.25	1.00	0.63	1/2
TCVH50-2N3	1/0 SOL.	500 MCM	2	2.00	2.63	3.00	0.38	1.00	0.63	1/2
TCVH50-4N	1/0 SOL.	500 MCM	3	3.00	2.63	3.00	0.25	0.63	0.63	1/2
TCVH50-4N4	1/0 SOL.	500 MCM	3	4.00	2.63	4.00	0.38	1.13	1.13	1/2
TCVH80-2N	2/0 SOL.	800 MCM	2	2.00	2.88	3.00	0.34	1.00	0.63	1/2
TCVH80-2N3	2/0 SOL.	800 MCM	2	2.00	2.88	3.00	0.50	1.00	0.63	1/2
TCVH80-4N	2/0 SOL.	800 MCM	3	3.00	2.88	3.00	0.34	0.63	0.63	1/2
TCVH80-4N4	2/0 SOL.	800 MCM	3	4.00	2.88	4.00	0.34	1.13	1.13	1/2
TCVH100-2N	4/0 SOL.	1000 MCM	2	2.00	2.88	3.00	0.50	1.00	0.63	1/2
TCVH100-4N	4/0 SOL.	1000 MCM	3	3.00	2.88	3.25	0.34	0.63	0.63	1/2
TCVH100-4N4	4/0 SOL.	1000 MCM	3	4.00	2.88	4.25	0.34	1.13	1.13	1/2
TCVH200-4N	500 MCM	2000 MCM	3	3.00	3.38	3.00	0.69	0.63	0.63	1/2
TCVH200-4N4	500 MCM	2000 MCM	3	4.00	3.38	4.00	0.69	1.13	1.13	1/2
TCVH200-6N4	500 MCM	2000 MCM	4	6.00	3.38	4.00	0.69	1.25	1.25	1/2
TCVH250-4N	2000 MCM	2500 MCM	3	3.00	4.50	3.00	0.81	0.63	0.63	5/8

DOSSERT®

TYPE TCX

Bar to Variable Cable or Pipe

TCX can be used as a tap or a terminal. A variable clamp type terminal or tap for connecting a cable or pipe to a flat bar bus. Each size accommodates a wide range of cable sizes.

Material

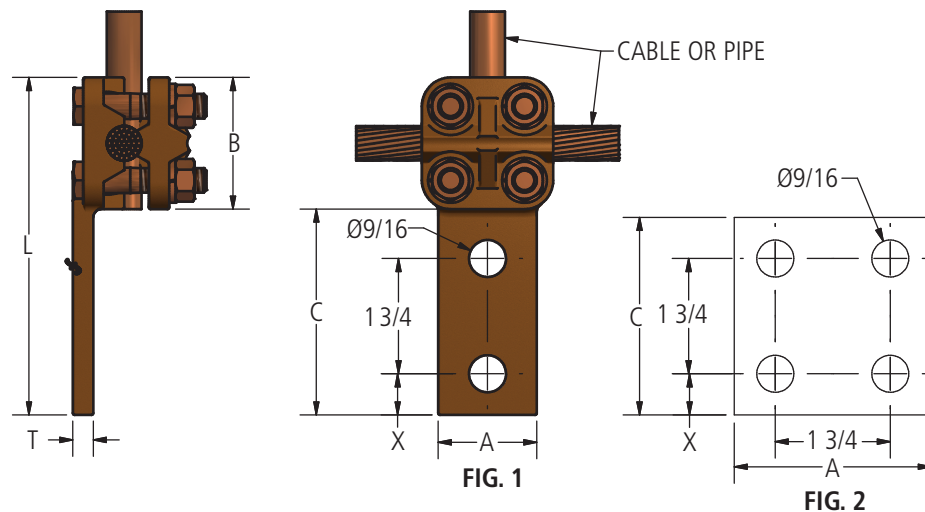
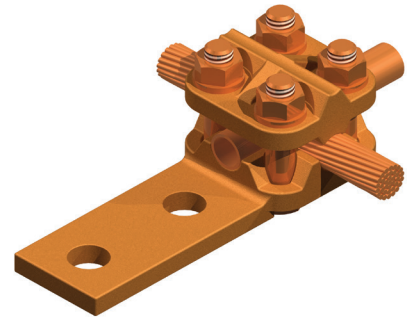
Copper Alloy

Hardware

Everdur-bolts, nuts, and lockwashers.

Note

For tin plating add "-SN" to the end of the catalog number.



Ordering Information

CATALOG NUMBER	CABLE RANGE		SPS RANGE		FIG NO.	DIMENSIONS IN INCHES						BOLT SIZE
	SMALL GROOVE	LARGE GROOVE	SMALL GROOVE	LARGE GROOVE		A	B	C	L	T	X	
TCX21-2N	6SOL-1STR	1STR-4/0STR	-	-	1	1 1/2	2	3	5 1/8	5/16	5/8	3/8
TCX21-4N	6SOL-1STR	1STR-4/0STR	-	-	2	3	2	3	5 1/8	5/16	5/8	3/8
TCX60-2N	4SOL-4/0STR	250-600	1/4	1/2	1	1 1/2	2 5/16	3	5 1/2	3/8	5/8	3/8
TCX60-4N	4SOL-4/0STR	250-600	1/4	1/2	2	3	2 5/16	3	5 1/2	3/8	5/8	3/8
TCX80-2N	2SOL-250	300-800	1/4	3/4	1	2	2 7/16	3	5 11/16	1/2	5/8	3/8
TCX80-4N	2SOL-250	300-800	1/4	3/4	2	3	2 7/16	3	5 11/16	1/2	5/8	3/8
TCX150-2N	4/0SOL-850	900-1500	1/4	1	1	2	3 1/4	3	6 1/2	9/16	5/8	1/2
TCX150-4N	4/0SOL-850	900-1500	1/4	1	2	3	3 1/4	3	6 1/2	9/16	5/8	1/2
TCX150-4N4	4/0SOL-850	900-1500	1/4	1	2	4	3 1/4	4	7 1/2	9/16	1 1/8	1/2
TCX200-2N	500-1300	1500-2000	3/4	1 1/2	2	2	3 1/2	3	6 3/4	11/16	5/8	1/2
TCX200-4N	500-1300	1500-2000	3/4	1 1/2	2	3	3 1/2	3	6 3/4	11/16	5/8	1/2

DOSSERT®

TYPE UL-90H

Copper Horizontal Terminal For Cable To Bus

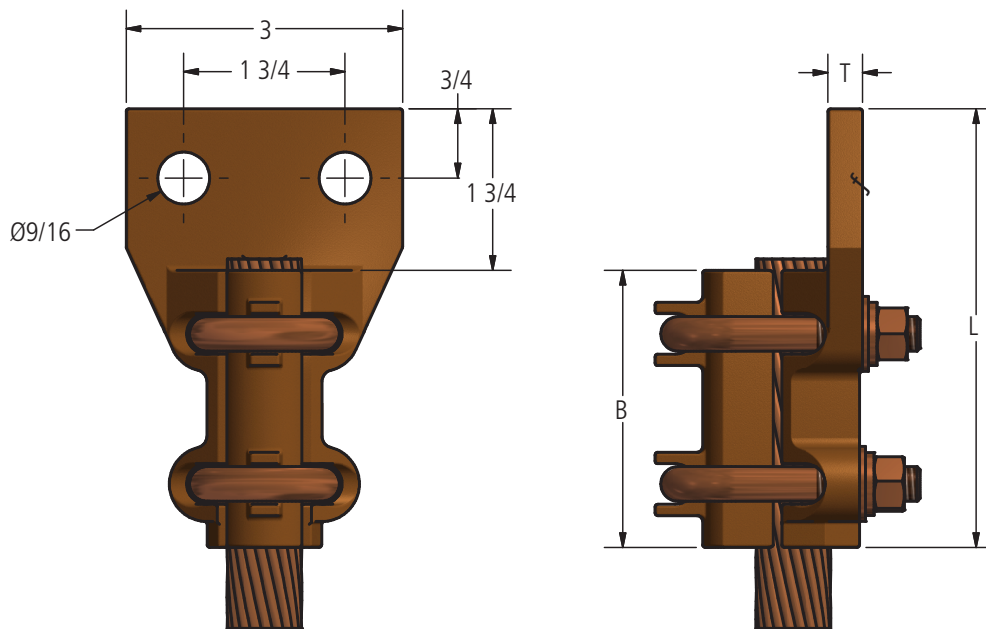
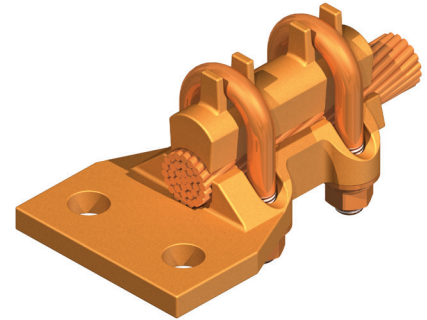
A horizontal angle terminal for connecting a cable at 90 degree to the bus.

Material

Copper Alloy

Hardware

Everdur U-bolts, nuts and lockwashers.



Ordering Information

CATALOG NUMBER	CABLE SIZE		DIMENSIONS IN INCHES			U-BOLT SIZE
	MIN	MAX	B	L	T	
UL13-2N-90H	6 Str	2/0 Str	2 1/2	4 1/4	5/16	5/16
UL21-2N-90H	1 Str	4/0 Str	2 5/8	4 3/8	5/16	3/8
UL30-2N-90H	1/0 Str	300 MCM	2 3/4	4 1/2	3/8	3/8
UL50-2N-90H	300 MCM	500 MCM	3	4 3/4	3/8	3/8
UL80-2N-90H	500 MCM	800 MCM	3 1/4	5	1/2	1/2
UL100-2N-90H	750 MCM	1000 MCM	3 1/2	5 1/4	1/2	1/2
UL150-2N-90H	1000 MCM	1500 MCM	4	5 3/4	9/16	1/2
UL200-2N-90H	1500 MCM	2000 MCM	4 1/2	6 1/4	9/16	1/2

DOSSERT® TYPE UL-90V Copper Vertical Mounting Terminal

A vertical side mounting type terminal lug for connecting cables to flat bar busses. The side clamping feature provides clearance to enable terminal to be mounted well within the bus surface without interference of the U-bolts.

Material

Copper Alloy

Hardware

Everdur U-bolts, nuts and lockwashers.

Note

Contact pads can be furnished to any specification of size undrilled or drilled to specified hole sizes and center to center dimensions.

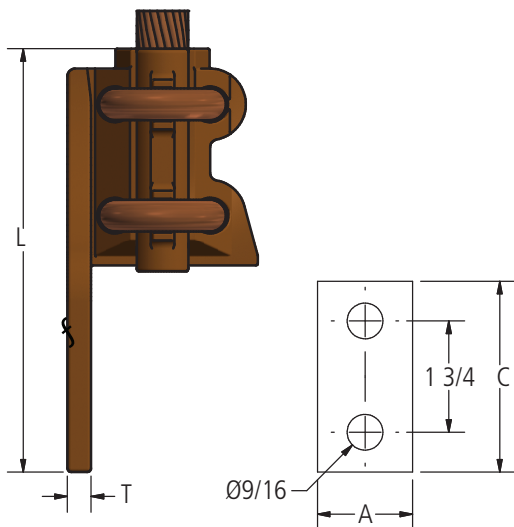
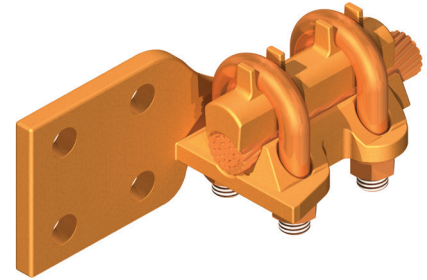


FIG. 1

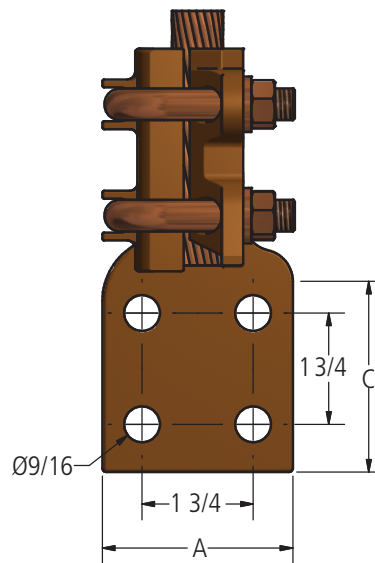


FIG. 2

Ordering Information

CATALOG NUMBER	CABLE RANGE		FIG. NO.	DIMENSIONS IN INCHES				BOLT SIZE
	MIN	MAX		A	C	L	T	
UL13-2N-90V	6 Str	2/0 Str	1	1 1/2	3 1/4	5 3/4	5/16	5/16
UL13-4N-90V	6 Str	2/0 Str	2	3	3 1/4	5 3/4	5/16	5/16
UL21-2N-90V	1 Str	4/0 Str	1	1 1/2	3 1/4	5 7/8	5/16	3/8
UL21-4N-90V	1 Str	4/0 Str	2	3	3 1/4	5 7/8	5/16	3/8
UL30-2N-90V	1/0 Str	300 MCM	1	1 1/2	3 1/4	6	3/8	3/8
UL30-4N-90V	1/0 Str	300 MCM	2	3	3 1/4	6	3/8	3/8
UL50-2N-90V	300 MCM	500 MCM	1	1 1/2	3 1/4	6 1/4	3/8	3/8
UL50-4N-90V	300 MCM	500 MCM	2	3	3 1/4	6 1/4	3/8	3/8
UL50-4N4-90V	300 MCM	500 MCM	2	4	4 1/4	7 1/4	3/8	3/8
UL80-2N-90V	500 MCM	800 MCM	1	1 1/2	3 1/4	6 1/2	1/2	3/8
UL80-4N-90V	500 MCM	800 MCM	2	3	3 1/4	6 1/2	1/2	3/8
UL80-4N4-90V	500 MCM	800 MCM	2	4	4 1/4	7 1/2	1/2	3/8
UL100-2N-90V	750 MCM	1000 MCM	1	1 1/2	3 1/4	6 3/4	1/2	1/2
UL100-4N-90V	750 MCM	1000 MCM	2	3	3 1/4	6 3/4	1/2	1/2
UL100-4N4-90V	750 MCM	1000 MCM	2	4	4 1/4	7 3/4	1/2	1/2
UL150-2N-90V	1000 MCM	1500 MCM	1	2 3/4	3 1/4	7 1/4	9/16	1/2
UL150-4N-90V	1000 MCM	1500 MCM	2	3	3 1/4	7 1/4	9/16	1/2
UL150-4N4-90V	1000 MCM	1500 MCM	2	4	4 1/4	8 1/4	9/16	1/2
UL200-2N-90V	1500 MCM	2000 MCM	1	3	3 1/4	7 3/4	11/16	1/2
UL200-4N-90V	1500 MCM	2000 MCM	2	3	3 1/4	7 3/4	11/16	1/2
UL200-4N4-90V	1500 MCM	2000 MCM	2	4	4 1/4	8 3/4	11/16	1/2

DOSSERT®

TYPE UL, U2L U-Bolt Variable Terminal

A conductor U-bolt type variable terminal lug for connecting cables to flat bar busses.

Material

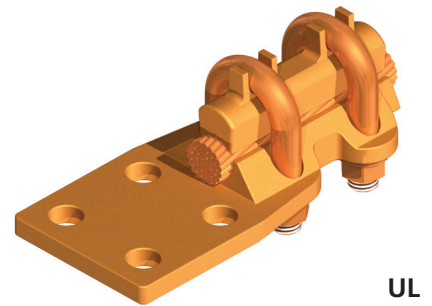
Copper Alloy

Hardware

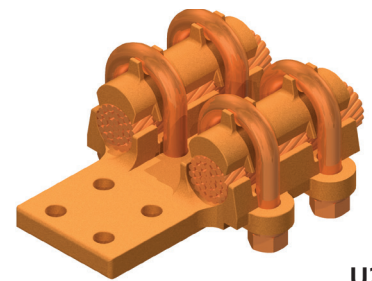
Everdur U-bolts, lockwashers and nuts.

Notes

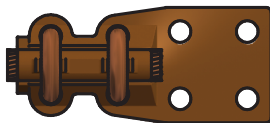
- Contact pads other than those listed can be promptly furnished to any specified size or drilling.
- For a Two Conductor Terminal add a '2' in UL Ex:U2L150-4N4



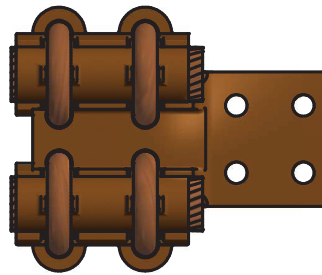
UL



U2L



UL



U2L

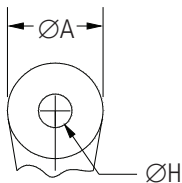


FIG. 1

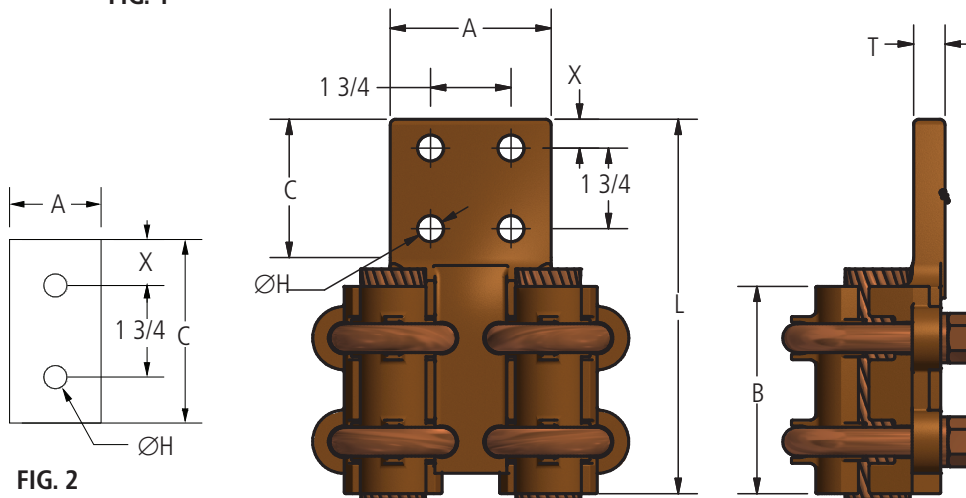


FIG. 3

DOSSERT®

TYPE UL, U2L U-Bolt Variable Terminal

Ordering Information

CATALOG NUMBER	CABLE RANGE		FIG. NO.	DIMENSIONS IN INCHES							U-BOLT SIZE
	MIN	MAX		A	B	C	H	L	T	X	
UL13-1	6 Str	2/0 Str	1	1.25	2.50	—	0.44	3.88	0.31	—	5/16
UL13-2	6 Str	2/0 Str	2	1.25	2.50	1.88	0.44	4.50	0.31	0.44	5/16
UL13-2N	6 Str	2/0 Str	2	1.50	2.50	3.00	0.56	5.75	0.31	0.63	5/16
UL21-1	1 Str	4/0 Str	1	1.50	2.63	—	0.56	4.25	0.31	—	3/8
UL21-2	1 Str	4/0 Str	2	1.25	2.63	2.13	0.44	4.88	0.31	0.50	3/8
UL21-2N	1 Str	4/0 Str	2	1.50	2.63	3.00	0.56	5.88	0.31	0.63	3/8
UL21-4N	1 Str	4/0 Str	3	3.00	2.63	3.00	0.56	5.88	0.31	0.63	3/8
UL30-1	1/0 Str	300 MCM	1	1.50	2.75	2.00	0.56	4.75	0.38	0.75	3/8
UL30-2	1/0 Str	300 MCM	2	1.63	2.75	2.63	0.56	5.50	0.38	0.63	3/8
UL30-2N	1/0 Str	300 MCM	2	1.50	2.75	3.00	0.56	6.00	0.38	0.63	3/8
UL30-4	1/0 Str	300 MCM	3	2.00	2.75	2.00	0.44	4.88	0.38	0.50	3/8
UL30-4N	1/0 Str	300 MCM	3	3.00	2.75	3.00	0.56	6.00	0.38	0.63	3/8
UL50-1	300 MCM	500 MCM	1	2.13	3.00	—	0.56	5.25	0.38	—	3/8
UL50-2	300 MCM	500 MCM	2	1.75	3.00	2.75	0.56	5.88	0.38	0.69	3/8
UL50-2N	300 MCM	500 MCM	2	1.50	3.00	3.00	0.56	6.25	0.38	0.63	3/8
UL50-4	300 MCM	500 MCM	3	2.25	3.00	2.25	0.44	5.38	0.38	0.56	3/8
UL50-4N	300 MCM	500 MCM	3	3.00	3.00	3.00	0.56	6.25	0.38	0.63	3/8
UL80-2	500 MCM	800 MCM	2	1.75	3.25	3.00	0.56	6.44	0.50	0.75	1/2
UL80-2N	500 MCM	800 MCM	2	1.75	3.25	3.00	0.56	6.50	0.50	0.63	1/2
UL80-4	500 MCM	800 MCM	3	2.25	3.25	2.25	0.44	5.69	0.50	0.56	1/2
UL80-4N	500 MCM	800 MCM	3	3.00	3.25	3.00	0.56	6.50	0.50	0.63	1/2
UL100-2	750 MCM	1000 MCM	2	2.00	3.50	3.13	0.56	6.81	0.50	0.75	1/2
UL100-2N	750 MCM	1000 MCM	2	2.00	3.50	3.00	0.56	6.75	0.50	0.63	1/2
UL100-4	750 MCM	1000 MCM	3	2.38	3.50	2.38	0.44	6.13	0.50	0.56	1/2
UL100-4N	750 MCM	1000 MCM	3	3.00	3.50	3.00	0.56	6.75	0.50	0.63	1/2
UL150-2	1000 MCM	1500 MCM	2	2.00	4.00	3.13	0.56	7.31	0.56	0.75	1/2
UL150-2N	1000 MCM	1500 MCM	2	2.00	4.00	3.00	0.56	7.25	0.56	0.63	1/2
UL150-4	1000 MCM	1500 MCM	3	2.75	4.00	2.75	0.56	6.94	0.56	0.69	1/2
UL150-4N	1000 MCM	1500 MCM	3	3.00	4.00	3.00	0.56	7.25	0.56	0.63	1/2
UL200-2	1500 MCM	2000 MCM	2	2.13	4.50	3.25	0.56	7.94	0.69	0.81	1/2
UL200-2N	1500 MCM	2000 MCM	2	2.75	4.50	3.00	0.56	7.75	0.69	0.63	1/2
UL200-4	1500 MCM	2000 MCM	3	3.13	4.50	3.13	0.56	7.81	0.69	0.75	1/2
UL200-4N	1500 MCM	2000 MCM	3	3.00	4.50	3.00	0.56	7.75	0.69	0.63	1/2

DOSSERT®

TYPE ULI, UULI

Copper U-Bolt Variable Range Terminal

A single and double U-bolt type terminal. Each size accommodates a wide range of cable sizes. The inverted clamping member and the offset pad provides for contact mounting clearance when required.

Material

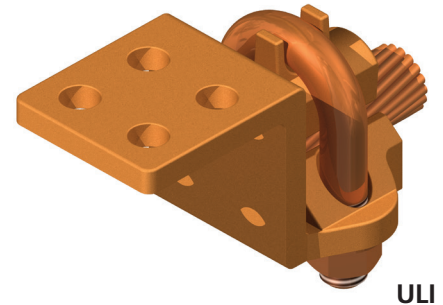
High Conductivity Copper Alloy

Hardware

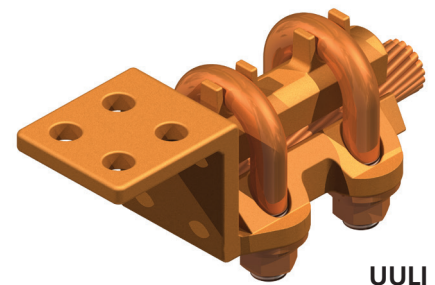
Everdur U-bolts, nuts and lockwashers.

Note

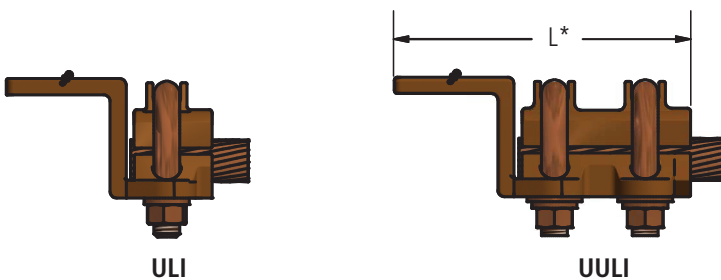
Contact pads can be furnished to any specification of size undrilled or drilled to specified hole sizes and center to center dimensions.



ULI



UULI



ULI

UULI

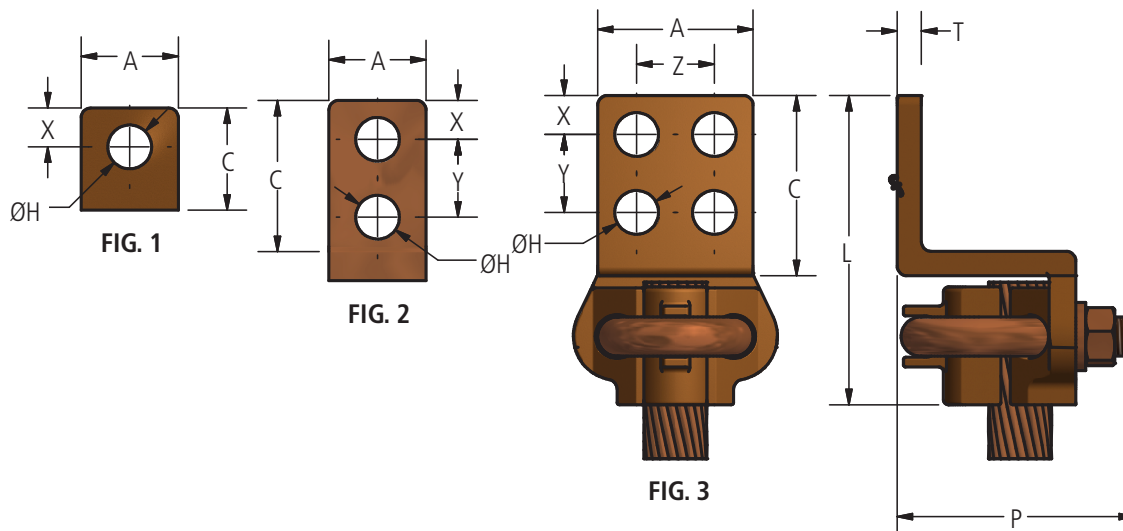


FIG. 1

FIG. 2

FIG. 3

**DOSSERT®****TYPE ULI, UULI****Copper U-Bolt Variable Range Terminal****Ordering Information**

CATALOG NUMBER		CABLE RANGE		FIG. NO.	DIMENSIONS IN INCHES										U-BOLT SIZE
ULI	UULI	MIN	MAX		A	C	H	L	L*	P	T	X	Y	Z	
ULI13-1	UULI13-1	6 SOL	2/0 STR	1	1 1/4	1 1/4	7/16	3	3	2 1/16	5/16	5/8	—	—	5/16
ULI13-2	UULI13-2	6 SOL	2/0 STR	2	1 1/4	1 7/8	7/16	3 5/8	3 5/8	2 1/16	5/16	7/16	1	—	5/16
ULI13-2N	UULI13-2N	6 SOL	2/0 STR	2	1 1/2	3	9/16	4 3/4	4 3/4	2 1/16	5/16	5/8	1 3/4	—	5/16
ULI13-4	UULI13-4	6 SOL	2/0 STR	3	2	2	7/16	3 3/4	3 3/4	2 1/16	5/16	1/2	1	1	5/16
ULI13-4N	UULI13-4N	6 SOL	2/0 STR	3	3	3	9/16	4 3/4	4 3/4	2 1/16	5/16	5/8	1 3/4	1 3/4	5/16
ULI21-1	UULI21-1	1 SOL	4/0 STR	1	1 1/2	1 1/2	9/16	3 5/16	3 5/16	2 3/16	5/16	3/4	—	—	3/8
ULI21-2	UULI21-2	1 SOL	4/0 STR	2	1 1/4	2 1/8	7/16	3 15/16	3 15/16	2 3/16	5/16	1/2	1 1/8	—	3/8
ULI21-2N	UULI21-2N	1 SOL	4/0 STR	2	1 1/2	3	9/16	4 13/16	4 13/16	2 3/16	5/16	5/8	1 3/4	—	3/8
ULI21-4	UULI21-4	1 SOL	4/0 STR	3	2	2	7/16	3 13/16	3 13/16	2 3/16	5/16	1/2	1	1	3/8
ULI21-4N	UULI21-4N	1 SOL	4/0 STR	3	3	3	9/16	4 13/16	4 13/16	2 3/16	5/16	5/8	1 3/4	1 3/4	3/8
ULI30-1	UULI30-1	1/0 STR	300 MCM	1	1 7/8	1 7/8	9/16	3 3/4	3 3/4	2 5/16	3/8	15/16	—	—	3/8
ULI30-2	UULI30-2	1/0 STR	300 MCM	2	1 5/8	2 5/8	9/16	4 1/2	4 1/2	2 5/16	3/8	5/8	1 1/8	—	3/8
ULI30-2N	UULI30-2N	1/0 STR	300 MCM	2	1 1/2	3	9/16	4 7/8	4 7/8	2 5/16	3/8	5/8	1 3/4	—	1/2
ULI30-4	UULI30-4	1/0 STR	300 MCM	3	2	2	7/16	3 7/8	3 7/8	2 5/16	3/8	1/2	1	1	3/8
ULI30-4N	UULI30-4N	1/0 STR	300 MCM	3	3	3	9/16	4 7/8	4 7/8	2 5/16	3/8	5/8	1 3/4	1 3/4	1/2
ULI50-1	UULI50-1	300 MCM	500 MCM	1	2 1/8	2 1/8	9/16	4 1/8	4 1/8	2 7/8	3/8	1 1/16	—	—	3/8
ULI50-2	UULI50-2	300 MCM	500 MCM	2	1 3/4	2 3/4	9/16	4 7/8	4 7/8	2 7/8	3/8	1 1/16	1 3/8	—	3/8
ULI50-2N	UULI50-2N	300 MCM	500 MCM	2	1 1/2	3	9/16	5 1/8	5 1/8	2 7/8	3/8	5/8	1 3/4	—	1/2
ULI50-4	UULI50-4	300 MCM	500 MCM	3	2 1/4	2 1/4	7/16	4 3/8	4 3/8	2 7/8	3/8	9/16	1 1/8	1 1/8	3/8
ULI50-4N	UULI50-4N	300 MCM	500 MCM	3	3	3	9/16	5 1/8	5 1/8	2 7/8	3/8	5/8	1 3/4	1 3/4	1/2
ULI80-1	UULI80-1	500 MCM	800 MCM	1	2 3/8	2 3/4	9/16	4 5/8	4 5/8	3 3/8	3/8	1 1/16	—	—	1/2
ULI80-2	UULI80-2	500 MCM	800 MCM	2	1 3/4	3	9/16	5 1/4	5 1/4	3 3/8	3/8	3/4	1 1/8	—	1/2
ULI80-2N	UULI80-2N	500 MCM	800 MCM	2	1 3/4	3	9/16	5 1/4	6 3/4	3 3/8	3/8	5/8	1 3/4	—	1/2
ULI80-4	UULI80-4	500 MCM	800 MCM	3	2 1/4	2 1/4	7/16	4 1/2	4 1/2	3 3/8	3/8	9/16	1 1/8	1 1/8	1/2
ULI80-4N	UULI80-4N	500 MCM	800 MCM	3	3	3	9/16	5 1/4	6 3/4	3 3/8	3/8	5/8	1 3/4	1 3/4	1/2
ULI100-1	UULI100-1	750 MCM	1000 MCM	1	2 1/2	2 1/2	9/16	4 7/8	4 7/8	3 1/2	1/2	1 1/4	—	—	1/2
ULI100-2	UULI100-2	750 MCM	1000 MCM	2	2	3 1/8	9/16	5 1/2	5 1/2	3 1/2	1/2	3/4	1 5/8	—	1/2
ULI100-2N	UULI100-2N	750 MCM	1000 MCM	2	2	3	9/16	5 3/8	5 3/8	3 1/2	1/2	5/8	1 3/4	—	1/2
ULI100-4	UULI100-4	750 MCM	1000 MCM	3	2 3/8	2 3/8	7/16	4 3/4	4 3/4	3 1/2	1/2	9/16	1 1/4	1 1/4	1/2
ULI100-4N	UULI100-4N	750 MCM	1000 MCM	3	3	3	9/16	5 3/8	5 3/8	3 1/2	1/2	5/8	1 3/4	1 3/4	1/2
ULI150-1	UULI150-1	1000 MCM	1500 MCM	1	2 3/4	2 3/4	9/16	5 1/2	5 1/2	3 3/4	9/16	1 3/8	—	—	1/2
ULI150-2	UULI150-2	1000 MCM	1500 MCM	2	2	3 1/8	9/16	5 3/4	5 3/4	3 3/4	9/16	3/4	1 5/8	—	1/2
ULI150-2N	UULI150-2N	1000 MCM	1500 MCM	2	2	3	9/16	5 5/8	5 5/8	3 3/4	9/16	5/8	1 3/4	—	1/2
ULI150-4	UULI150-4	1000 MCM	1500 MCM	3	2 3/4	2 3/4	9/16	5 3/8	5 3/8	3 3/4	9/16	11/16	1 1/2	1 1/2	1/2
ULI150-4N	UULI150-4N	1000 MCM	1500 MCM	3	3	3	9/16	5 5/8	5 5/8	3 3/4	9/16	5/8	1 3/4	1 3/4	1/2
ULI200-1	UULI200-1	1500 MCM	2000 MCM	1	2 3/4	2 3/4	9/16	5 7/8	5 7/8	4 1/8	9/16	1 3/8	—	—	1/2
ULI200-2	UULI200-2	1500 MCM	2000 MCM	2	2 1/8	3 1/4	9/16	6 1/8	6 1/8	4 1/8	9/16	11/16	1 5/8	—	1/2
ULI200-2N	UULI200-2N	1500 MCM	2000 MCM	2	2 3/4	3	9/16	5 7/8	5 7/8	4 1/8	9/16	5/8	1 3/4	—	1/2
ULI200-4	UULI200-4	1500 MCM	2000 MCM	3	3 1/8	3 1/8	9/16	6	6	4 1/8	9/16	3/4	1 3/4	1 3/4	1/2
ULI200-4N	UULI200-4N	1500 MCM	2000 MCM	3	3	3	9/16	5 7/8	5 7/8	4 1/8	9/16	5/8	1 3/4	1 3/4	1/2

L* = Length for UULI items



DOSSERT®

Bronze Terminals, Taps