

Copper Mechanical Conductors

Each connector accommodates a wide range of conductor sizes.

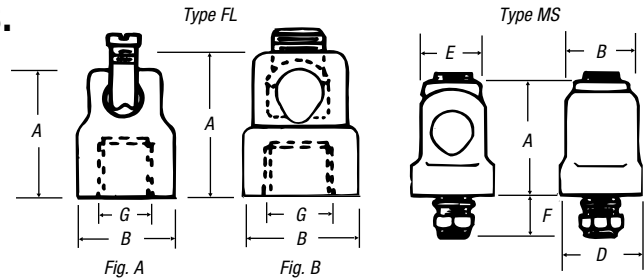
LOCKTITE® Stud Connectors

- Fast, simple installation
- Convenient pigtail is easy to tape
- To order with hex head screws, add prefix H to catalog number
- Standard tapping shown in diagrams
- Other tapping to meet specific requirements available on request
- For use with code copper conductor (600V)



Type MS

Type FL



Male — Type MS



CAT. NO.	CABLE SIZE	DIMENSIONS (IN.)					STUD SIZE (IN.)
		A	B	D	E	F	
31007-T	4 to 1	1 3/8	25/32	7/8	5/8	3/4	3/8-16
31009-T	1 to 2/0	1 3/8	7/8	1	3/4	3/4	3/8-16
31011-T	2/0 to 4/0	1 3/8	1 1/16	1 1/16	7/8	1	1/2-13
31013-T	4/0 to 300	1 3/8	1 3/16	1 3/8	1 1/16	1	1/2-13
31015-T	300 to 500	2 5/32	1 5/16	1 1/2	1 1/4	1	1/2-13

Female — Type FL

CAT. NO.	CABLE SIZE	FIG.	DIMENSIONS (IN.)		
			G	A	B
31262 [†]	8 to 4	A	3/8-16	1 1/16	3/8
31263	4 to 1	B	3/8-16	1 15/32	3/4
31265	4 to 1	B	1/2-13	1 15/32	3/4
31267	2/0 to 4/0	B	1/2-13	2 3/16	1 3/16

[†]With Filister Head Screw.

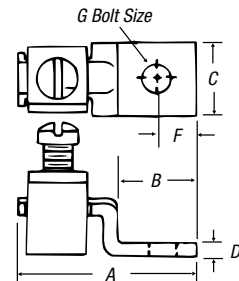
Designed to grip cable firmly between its strong body and serrated copper tongue.

LOCKTITE® LUG-IT One-Hole Lugs, Offset Tongue

- Double laps at top give greater thread strength and lock screw when tightened
- Copper tongue makes a low-resistance terminal
- For use with code copper conductor(600V)

T&B Recommended Tightening Torque for Copper Connections

SIZE OF CONDUCTOR RANGES	WRENCH TORQUE IN.-LBS.	SCREW DRIVER TORQUE IN.-LBS.
14 to 8	—	20
8 to 4	—	35
4 to 1	125	—
1 to 2/0	150	—
2/0 to 4/0	200	—
4/0 to 300	250	—
300 to 500	300	—
500 to 750	300	—
750 to 1,000	400	—



CAT. NO.	CABLE SIZE	DIMENSIONS (IN.)					
		G	A	B	C	D	F
35301	14 to 6	#10	1 3/16	1/2	3/8	.064	7/32
35401	8 to 2	1/4	1 1/16	5/8	1/2	.081	1/4
35501 ^{**}	4 to 2/0	1/4	1 13/16	13/16	3/4	.101	3/8
35601 ^{**}	1/0 to 4/0	3/8	2 1/32	1 3/32	1	.128	1/2

^{*} Aluminum body.

[†]Hex head bolt.

Add suffix G to above Cat. Nos. for lug connector with green screw for grounding identification.

For torque requirements, see table at left.