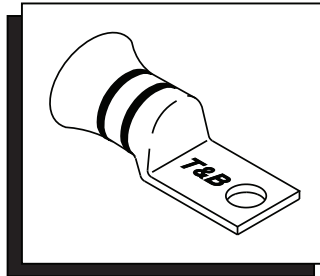


Color-Keyed®

COPPER COLOR-KEYED® LUGS ONE HOLE STANDARD BELLED SHAPED Installation Instructions



WARNING



NEVER ATTEMPT TO MAKE A CONNECTION TO A "HOT" LINE.

Never assume the power is OFF! Determine before hand if any electrical hazards exists.

GENERAL INFORMATION

- Made of high conductivity copper, tin electroplated.
- UL and CSA listed.
- Standard Barrel Belled type - 600V applications for two bolt lugs.
- Color coded to assist in the matching of installing die and connector.

INSTALLATION INSTRUCTIONS

1. Strip the insulation from cable to the length found in table (on reverse side). Be careful not to nick cable strands which may later result in stands breaking.
2. Cable end should be clean, wire brush and insert into connector until it stops. The insertion length must approximate the stripped length of cable.
3. Table on reverse side contains installing die and the number of compressions required for each die connector combination. Insert connector in die and compress between markings beginning near the tongue of the connector.



CAUTION



Using improper installing die may result in a defective connection.

4. After crimping, remove all sharp edges, flash or burrs due to crimping dies.

Thomas & Betts

WARRANTY: Thomas & Betts sells this product with the understanding that the user will perform all necessary tests to determine the suitability of this product for the user's intended application. Thomas & Betts warrants that this product will be free from defects in materials and workmanship for a period of two (2) years following the date of purchase. Upon prompt notification of any warranted defect, Thomas & Betts will, at its option, repair or replace the defective product or refund the purchase price. Proof of purchase is required. Misuse or unauthorized modification of the product voids all warranties.

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T&B CAT. NO.	WIRE SIZE									BOLT SIZE G	DIE COLOR	DIE CODE
	CODE (AWG)	NAVY	FLEX (24 AWG)	CLASS G	CLASS H	CLASS I (24 AWG)	CLASS K (30 AWG)	CLASS M (34 AWG)				
54104BS	8	23	8 (37/24)	8 (49 STR)	8 (133 STR)	-	8 (168 STR)	-	#10	RED	21	
54105BS	8	30	6 (61/24)	5 (49 STR)	5 (133 STR)	5 (84 STR)	5 (336 STR)	-	1/4"	BLUE	24	
54106BS	4-3	40-50	5 (91/24)	5 (49 STR)	5 (133 STR)	5 (84 STR)	5 (336 STR)	-	1/4"	GREY	29	
54139BS	4-3	40-50	5 (91/24)	4 (49 STR)	4 (133 STR)	4 (105 STR)	4 (420 STR)	4 (1064 STR)	5/16"	GREY	29	
54142BS	2	60	3 (125/24)	3 (49 STR)	3 (133 STR)	3 (133 STR)	3 (532 STR)	3 (1323 STR)	5/16"	BROWN	33	
54147BS	1	75	2 (150,175/24)	2 (49 STR)	2 (133 STR)	2 (161 STR)	2 (665 STR)	2 (1666 STR)	5/16"	GREEN	37	
54153BS	1/0	100	1 (225/24)	1 (133 STR)	1 (133 STR)	1 (210 STR)	1 (836 STR)	1 (2107 STR)	5/16"	PINK	42	
54110BS	2/0	125	1/0 (275/24)	1/0 (133 STR)	1/0 (259 STR)	1/0 (266 STR)	1/0 (1064 STR)	1/0 (2646 STR)	3/8"	BLACK	45	
54165BS	3/0	150	2/0 (325/24)	2/0 (133 STR)	2/0 (259 STR)	2/0 (342 STR)	2/0 (1323 STR)	2/0 (3325 STR)	1/2"	ORANGE	50	
54170BS	4/0	200	3/0 (450/24)	3/0 (133 STR)	3/0 (427 STR)	3/0 (418 STR)	3/0 (1666 STR)	3/0 (4256 STR)	1/2"	PURPLE	54	
58165BS	250	-	4/0 (550/24)	4/0 (133 STR)	4/0 (259 STR)	4/0 (532 STR)	4/0 (2107 STR)	4/0 (5320 STR)	1/2"	YELLOW	62	
54114BS	300	300	262MCM (650/24)	250MCM (259 STR)	250 (427 STR)	250 (637 STR)	250 (2499 STR)	-	1/2"	WHITE	66	
54185BS	400	400	313MCM (775/24)	300MCM (259 STR)	300 (427 STR)	300 (735 STR)	300 (2989 STR)	-	5/8"	BLUE	76	
58177BS	500	-	373MCM (925/24)	400 MCM (259 STR)	400 (427 STR)	400 (980 STR)	350 (3458 STR)	-	1/2"	-	80	
58180BS	-	-	444MCM (1100/24)	-	-	450 (1127 STR)	450 (4522 STR)	-	5/8"	GREEN	94	
54122BS	700	-	535MCM (1325/24)	50MCM (259 STR)	500 (427 STR)	500 (1225 STR)	500 (5054 STR)	-	5/8"	PINK	99	
54123BS	750	-	-	600 MCM (427 STR)	-	-	-	-	5/8"	BLACK	106	
54124BS	800	800	-	-	-	-	-	-	5/8"	ORANGE	107	
54126BS	900	-	777MCM (1925/24)	-	-	-	-	-	5/8"	YELLOW	115	

T&B CAT. NO.	INSTALLATION TOOLING													STRIP LENGTH	
	TBM21E, TBM25S TBM41E, TBM45S		TBM5		TBM6			13642M		TBM12		13100A, TBM14RH TBM15I			TBM8-750M-1 TBM8-750
	DIE	CRIMPS	DIE	CRIMPS	UPPER DIE	LOWER DIE	CRIMPS	DIE	CRIMPS	DIE	CRIMPS	DIE	CRIMPS		CRIMPS
54104BS	ROTATING DIE	2	13454	1	13475	13477	1	11732	1	TBM12D-1	1	15520	1	1	7/16"
54105BS	ROTATING DIE	2	13454	1	13475	13477	1	11733	1	TBM12D-1	1	15522	1	1	7/16"
54106BS	ROTATING DIE	2	13454	1	13472	13476	1	11734	1	TBM12D-2	1	15527-CK	1	1	5/8"
54139BS	ROTATING DIE	2	13454	1	13472	13476	1	11734	1	TBM12D-2	1	15527-CK	1	1	5/8"
54142BS	ROTATING DIE	2	13454	1	13474	13477	1	11735	1	TBM12D-2	1	15528	1	1	5/8"
54147BS	-	-	13455	1	13474	13477	1	11736	1	TBM12D-3	1	15513-CK	1	1	3/4"
54153BS	-	-	13455	1	13475	13477	1	11737	1	TBM12D-3	1	15508	1	1	3/4"
54110BS	-	-	13455	2	13474	13477	2	11738	1	TBM12D-4	1	15526	1	1	3/4"
54165BS	-	-	13455	2	13474	13477	2	11739	1	TBM12D-4	1	15530	1	1	1"
54170BS	-	-	13456	2	13475	13477	2	11740	1	TBM12D-5	1	15511	2	1	1"
58165BS	-	-	13456	2	13473	13476	2	11771	1	TBM12D-5	1	15510-CK	1	1	1-1/8"
54114BS	-	-	-	-	13473	13476	2	11742	2	TBM12D-5	2	15534	1	1	1-1/8"
54185BS	-	-	-	-	13472	13476	2	11744	2	TBM12D-4	2	15512	1	1	1-5/16"
58177BS	-	-	-	-	-	-	-	11745	2	-	-	15517	2	1	1-3/8"
58180BS	-	-	-	-	-	-	-	11747-TB	2	TBM12D-3	2	15536-CK/15611	2	1	1-1/2"
54122BS	-	-	-	-	-	-	-	11748	2	TBM12D-2	2	15505	2	1	1-1/2"
54123BS	-	-	-	-	-	-	-	11749	2	TBM12D-2	2	15515	2	1	1-5/8"
54124BS	-	-	-	-	-	-	-	-	-	-	-	15608	2	1	1-3/4"
54126BS	-	-	-	-	-	-	-	-	-	-	-	15504	2	1	1-5/8"