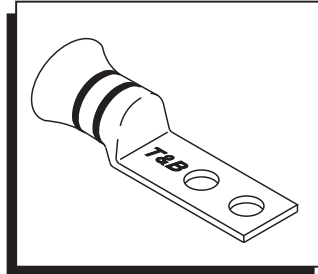


Color-Keyed®

COPPER COLOR-KEYED® LUGS BELL SHAPED LONG BARREL WITH TWO HOLES 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.

Limitations and Exclusions: THE ABOVE WARRANTY IS THE SOLE WARRANTY CONCERNING THIS PRODUCT, AND IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE SPECIFICALLY DISCLAIMED. LIABILITY FOR BREACH OF THE ABOVE WARRANTY IS LIMITED TO COST OF REPAIR OR REPLACEMENT OF THE PRODUCT, AND UNDER NO CIRCUMSTANCES WILL THOMAS & BETTS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Thomas & Betts Corporation
Memphis, Tennessee
In Canada, Thomas & Betts Ltd., Iberville, P.Q.
www.tnb.com

T&B CAT. NO.	WIRE SIZE								BOLT SIZE G	G ±1/32	DIE COLOR	DIE CODE	INSTALLATION TOOLING															STRIP LENGTH
	CODE (AWG)	NAVY	FLEX (24 AWG)	CLASS G	CLASS H	CLASS I (24 AWG)	CLASS K (30 AWG)	CLASS M (34 AWG)					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		
54850BEBS	8	23	8 (37/24)	8 (49 STR)	8 (133 STR)	–	8 (168 STR)	–	1/4	.63	RED	21	ROTATING DIE	4	13454	2	13475	13477	2	11732	2	TBM12D-1	2	15520	2	1	3/4"	
54851BEBS	8	23	8 (37/24)	8 (49 STR)	8 (133 STR)	–	8 (168 STR)	–	1/4	.75	RED	21	ROTATING DIE	4	13455	2	13475	13477	2	11732	2	TBM12D-1	2	15520	2	1	3/4"	
54851BE061BS	8	23	8 (37/24)	8 (49 STR)	8 (133 STR)	–	8 (168 STR)	–	3/8	1.00	RED	21	ROTATING DIE	4	13454	2	13475	13477	2	11732	2	TBM12D-1	2	15520	2	1	3/4"	
54852BE0616BS	6	30	6 (61/24)	5 (49 STR)	5 (133 STR)	5 (84 STR)	5 (336 STR)	–	3/8	1.00	BLUE	24	ROTATING DIE	4	13454	2	13475	13477	2	11733	2	TBM12D-1	2	15522	2	1	3/4"	
54852BEBS	6	30	6 (61/24)	5 (49 STR)	5 (133 STR)	5 (84 STR)	5 (336 STR)	–	1/4	.63	BLUE	24	ROTATING DIE	4	13454	2	13475	13477	2	11733	2	TBM12D-1	2	15522	2	1	3/4"	
54852BE0412BS	6	30	6 (61/24)	5 (49 STR)	5 (133 STR)	5 (84 STR)	5 (336 STR)	–	1/4	.75	BLUE	24	ROTATING DIE	4	13454	2	13475	13477	2	11733	2	TBM12D-1	2	15522	2	1	3/4"	
54854BEBS	4-3	40-50	5 (91/24)	5 (49 STR)	5 (133 STR)	5 (84 STR)	5 (336 STR)	–	1/4	.63	GREY	29	ROTATING DIE	4	13454	2	13472	13476	2	11734	2	TBM12D-2	2	15527-CK	2	1	3/4"	
54854BE0412BS	4-3	40-50	5 (91/24)	5 (49 STR)	5 (133 STR)	5 (84 STR)	5 (336 STR)	–	1/4	.75	GREY	29	ROTATING DIE	4	13454	2	13472	13476	2	11734	2	TBM12D-2	2	15527-CK	2	1	3/4"	
54854BE0616BS	4-3	40-50	5 (91/24)	5 (49 STR)	5 (133 STR)	5 (84 STR)	5 (336 STR)	–	3/8	1.00	GREY	29	ROTATING DIE	4	13454	2	13472	13476	2	11734	2	TBM12D-2	2	15527-CK	2	1	3/4"	
54855BE0412BS	2	60	3 (125/24)	3 (49 STR)	3 (133 STR)	3 (133 STR)	3 (532 STR)	3 (1323 STR)	1/4	.75	BROWN	33	ROTATING DIE	4	13454	2	13474	13477	2	11735	2	TBM12D-2	2	15528	2	1	7/8"	
54855BEBS	2	60	3 (125/24)	3 (49 STR)	3 (133 STR)	3 (133 STR)	3 (532 STR)	3 (1323 STR)	1/4	.63	BROWN	33	ROTATING DIE	4	13454	2	13474	13477	2	11735	2	TBM12D-2	2	15528	2	1	7/8"	
54856BEBS	2	60	3 (125/24)	3 (49 STR)	3 (133 STR)	3 (133 STR)	3 (532 STR)	3 (1323 STR)	5/16	.75	BROWN	33	ROTATING DIE	4	13454	2	13474	13477	2	11735	2	TBM12D-2	2	15528	2	1	7/8"	
54810BE0616BS	2	60	3 (125/24)	3 (49 STR)	3 (133 STR)	3 (133 STR)	3 (532 STR)	3 (1323 STR)	3/8	1.00	BROWN	33	ROTATING DIE	4	13454	2	13474	13477	2	11735	2	TBM12D-2	2	15528	2	1	7/8"	
54811BEBS	2	60	3 (125/24)	3 (49 STR)	3 (133 STR)	3 (133 STR)	3 (532 STR)	3 (1323 STR)	1/2	1.75	BROWN	33	ROTATING DIE	4	13454	2	13474	13477	2	11735	2	TBM12D-2	2	15528	2	1	7/8"	
54809BEBS	1	75	2 (150,175/24)	2 (49 STR)	2 (133 STR)	2 (161 STR)	2 (665 STR)	2 (1666 STR)	1/4	.63	GREEN	37	–	–	13455	2	13474	13477	2	11736	2	TBM12D-3	2	15513-CK	2	1	1"	
54812BEBS	1	75	2 (150,175/24)	2 (49 STR)	2 (133 STR)	2 (161 STR)	2 (665 STR)	2 (1666 STR)	1/4	.75	GREEN	37	–	–	13455	2	13474	13477	2	11736	2	TBM12D-3	2	15513-CK	2	1	1"	
54858BEBS	1	75	2 (150,175/24)	2 (49 STR)	2 (133 STR)	2 (161 STR)	2 (665 STR)	2 (1666 STR)	5/16	.88	GREEN	37	–	–	13455	2	13474	13477	2	11736	2	TBM12D-3	2	15513-CK	2	1	1"	
54857BEBS	1	75	2 (150,175/24)	2 (49 STR)	2 (133 STR)	2 (161 STR)	2 (665 STR)	2 (1666 STR)	1/2	1.75	GREEN	37	–	–	13455	2	13474	13477	2	11736	2	TBM12D-3	2	15513-CK	2	1	1"	
54859BEBS	1/0	100	1 (225/24)	1 (133 STR)	1 (133 STR)	1 (210 STR)	1 (836 STR)	1 (2107 STR)	1/4	.63	PINK	42	–	–	13455	2	13475	13477	2	11737	2	TBM12D-3	2	15508	2	1	1"	
54813BEBS	1/0	100	1 (225/24)	1 (133 STR)	1 (133 STR)	1 (210 STR)	1 (836 STR)	1 (2107 STR)	1/4	.75	PINK	42	–	–	13455	2	13475	13477	2	11737	2	TBM12D-3	2	15508	2	1	1"	
54860BEBS	1/0	100	1 (225/24)	1 (133 STR)	1 (133 STR)	1 (210 STR)	1 (836 STR)	1 (2107 STR)	5/16	.88	PINK	42	–	–	13455	2	13475	13477	2	11737	2	TBM12D-3	2	15508	2	1	1"	
54860BE0616BS	1/0	100	1 (225/24)	1 (133 STR)	1 (133 STR)	1 (210 STR)	1 (836 STR)	1 (2107 STR)	3/8	1.00	PINK	42	–	–	13455	2	13475	13477	2	11737	2	TBM12D-3	2	15508	2	1	1"	
54814BEBS	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)	1/4	.63	BLACK	45	–	–	13455	3	13474	13477	3	11738	2	TBM12D-4	2	15526	2	1	1"	
54814BE0412BS	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)	1/4	.75	BLACK	45	–	–	13455	3	13474	13477	3	11738	2	TBM12D-4	2	15526	2	1	1"	
54862BE0616BS	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	1.00	BLACK	45	–	–	13455	3	13474	13477	3	11738	2	TBM12D-4	2	15526	2	1	1"	
54862BEBS	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)	1/2	1.75	BLACK	45	–	–	13455	3	13474	13477	3	11738	2	TBM12D-4	2	15526	2	1	1"	
54815BEBS	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)	1/4	.75	ORANGE	50	–	–	13455	3	13474	13477	3	11739	2	TBM12D-4	2	15530	2	1	1-1/8"	
54816BEBS	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)	3/8	1.00	ORANGE	50	–	–	13455	3	13474	13477	3	11739	2	TBM12D-4	2	15530	2	1	1-1/8"	
54864BEBS	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	1.75	ORANGE	50	–	–	13455	3	13474	13477	3	11740	4	TBM12D-4	2	15530	2	1	1-1/8"	
54817BEBS	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)	1/4	.75	PURPLE	54	–	–	13456	4	13475	13477	4	11740	4	TBM12D-5	4	15511	4	1	1-5/16"	
54818BE0616BS	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)	3/8	1.00	PURPLE	54	–	–	13456	4	13475	13477	4	11740	4	TBM12D-5	4	15511	4	1	1-5/16"	
54818BEBS	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)	3/8	1.75	PURPLE	54	–	–	13456	4	13475	13477	4	11740	4	TBM12D-5	4	15511	4	1	1-5/16"	
54866BEBS	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	1.75	PURPLE	54	–	–	13456	4	13475	13477	4	11771	4	TBM12D-5	4	15511	4	1	1-5/16"	
54868BE0616BS	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)	3/8	1.00	YELLOW	62	–	–	13456	4	13473	13476	4	11771	4	TBM12D-5	4	15510	2	1	1-9/16"	
54868BEBS	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	1.75	YELLOW	62	–	–	13456	4	13473	13476	4	11742	4	TBM12D-5	4	15510	2	1	1-9/16"	
54819BEBS	300	300	262MCM (650/24)	250MCM (259 STR)	250 (427 STR)	250 (637 STR)	250 (2499 STR)	–	3/8	1.00	WHITE	66	–	–	–	–	13473	13476	4	11742	4	TBM12D-5	4	15534	2	1	1-3/4"	
54870BEBS	300	300	262MCM (650/24)	250MCM (259 STR)	250 (427 STR)	250 (637 STR)	250 (2499 STR)	–	1/2	1.75	WHITE	66	–	–	–	–	13473	13476	4	11744	4	TBM12D-5	4	15534	2	1	1-3/4"	
54822BEBS	400	400	313MCM (775/24)	300MCM (259 STR)	300 (427 STR)	300 (735 STR)	300 (2989 STR)	–	1/4	.75	BLUE	76	–	–	–	–	13472	13476	4	11744	4	TBM12D-4	4	15512	2	1	1-7/8"	