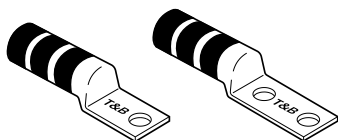


INSTRUCTION SHEET

Aluminum lugs

Color-Keyed®



CAUTION: Product should be installed by a qualified electrician in accordance with national and local electrical codes.



WARNING: Risk of shock, disconnect power before installation.

General information:

- Made of high conductivity aluminum, electro-tin plated.
- Wire barrel contains oxide inhibiting compound for minimum connection resistance.
- UL and CSA listed for either stranded aluminum or stranded copper code cables.
- Color coded to assist in the matching of installing die and connector.
- Maximum Temperature rating 90°C

Installation instructions:

1. Strip the insulation from cable length found in table (on reverse side). Be careful not to nick cable strands.
2. Remove the plastic protective cap from the end of the wire barrel.



WARNING: Do not remove compound from barrel. Insufficient compound will result in an increase in connection resistance. This compound contains petroleum distillates and small metal particles - avoid prolonged skin contact (wash with soap and water). Consult a physician if swallowed or if contact is made with eyes.



Wear safety gloves and glasses.

3. Aluminum cable: Smear a thin layer of joint compound onto the cable and brush it with a wire brush or emery cloth and insert cable into connector until it stops. The insertion length must be approximately the length of the stripped cable.
4. Table on reverse side lists installing die and the number of compressions required for each die connector combination. Insert connector in die and compress between marking beginning near the tongue of the connector.



Important

Read and understand all instructions and safety information before use. Be aware of proper usage and potential hazards.



CAUTION: Using improper installing die may result in a defective connection.



5. After crimping, remove all sharp edges, flash, burrs due to crimping dies.
6. Insulate using one of the methods found in table on reverse side.

Important note:

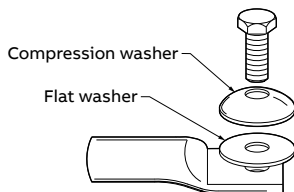
- Bolting the lugs to a pad is critical to establishing a good aluminum wire connection. Expansion and contraction due to temperature changes will affect the tension of the connection. A Belleville compression washer should be used to compensate for these effects. T&B® Belleville compression washers (see table below) maintain tension on the lug through many cycles of heating and cooling.

Product selection - compression washers

Cat. no.	Bolt size	Max. O.D.
60800	1/4"	1 1/16"
60801	5/16"	1 3/16"
60802	3/8"	1"
60803	1/2"	1 3/16"
60804	5/8"	1 1/2"

To install:

- Turn bolt until compression washer is flat.



Product selection																						
Insulator choice		Cat. No.		Strip lgth. (in)	Cable size	**Range taking	Hex die code no.	Color code	Number of compressions													
Shrink tubing	Adhesive pad	1 hole lug	2 hole lug						Hand tools					Hydraulic heads				Battery operated tools		TBM8-750 TBM8-750BSCR	TBM-750M-1	
									TBM21E TBM25S TBM20S	TBM4S	TBM5	TBM6	TBM8	TBM5HX-1	TBM6H 6 ton	12 ton	15 40 ton	TBM6BSCR	BPLT14BSCR TBM14BSCR	TBM-750M-1		
HS12-6	AC4X3	60096 60097 60099	—	½	10	—	21	Red	2	1	1	1	1	—	1	1	1	1	1	1		
		60101-TB 60102-TB 60103-TB 60104-TB	—	¾	8	—	24	Blue	2	2	1	2	1	—	1	1	1	1	1	1		
		60106-TB 60107-TB 60108-TB 60109-TB	—	¾	6	—	29	Gray	4	2	2	2	2	2	2	2	2	2	2	1		
		60112 60113-TB 60114-TB	—	¾	4	—	37	Green	—	2	2	2	2	2	2	2	2	2	2	1		
		60116-TB 60117-TB 60118-TB 60120	—	¾	2	—	42	Pink	—	2	2	2	2	2	2	2	2*	2	2*	1		
HS4-30		60122 60123 60124 60126	—	1½	1	—	45	Gold	—	3	3	3	3	3	3	2	2	2	2	2	1	
		60128 60230 60129 60130 60132	1¼	1/0	#6-1/0	50	Tan	—	3	3	3	3	3	3	3	2	2	2	2	2	1	
		60134 60236 60135 60238 60136 60138	1¼	2/0	#1-2/0	54	Olive	—	3	3	3	3	3	3	3	2	2	3*	2	3*	1	
		60140 60242 60141 60244 60142 60144	1¾	3/0	—	60	Rudy	—	3	3	3	3	3	3	3	2	2	2	2	2	1	
		60147 60248 60148 60250 60150 60151	2	4/0	2/0-4/0	66	White	—	—	—	4	4	4	4	4	4	4*	2	2	4	1	
		60154 60254 60156 60256 60157	2½	250	—	71	Red	—	—	—	4	4	4	4	4	4	4*	4*	2	4	4*	1
		60159 60260 60160 60262 60162	2¾	300	4/0-300	76	Blue	—	—	—	4	4	4	4	4	4	4*	2	2	4	2	1
		60165 60265 60166 60267	2¾	350	250-350	87	Brown	—	—	—	—	4	4	4	4	4	4*	4*	2	4	4*	1
		60168 60268 60269	2¾	400	—	94	Green	—	—	—	—	—	4	—	4*	4*	2	—	4*	4*	1	1
		60171 60271 60172 60273	2¾	500	4/0-500	99	Pink	—	—	—	—	—	4	—	4*	4*	2	—	4*	4*	1	1
HS500-1000		60174 60274 60275	2¾	600	—	106	Black	—	—	—	—	—	4	—	4*	4*	2	—	4*	4*	1	
		60176 60276 60277	3	700	—	112	Purple	—	—	—	—	—	—	—	4*	4*	2	—	4*	4*	1	
		60178 60278	3	750	500-900 compact	115	Yellow	—	—	—	—	—	—	—	4*	4*	2	—	4*	4*	1	
		60184 60284	3¾	1000	—	140	—	—	—	—	—	—	—	—	4*	4*	2	—	4*	4*		

Note: Product must be installed in accordance with applicable national and local electrical codes.

* Indicates the number of compressions with half width die.

**TBM8-750M-1, TBM8-750M, & TBM8-750 Only. (1 Crimp all applications)

NOTE: Some catalog numbers shown above have suffixes: i.e. XXXXXG (indicating special packaging). All crimp settings for these parts are the same as for the base numbers.

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