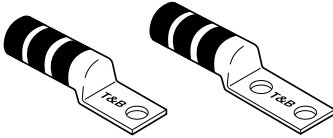


## INSTRUCTION SHEET

# 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.

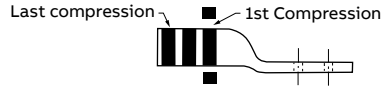


## Important

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:

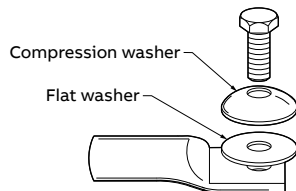
- Bolting the lugs to a pad is critical to establishing a good aluminum wire connection. Expansion and contraction due to temperature changes will affect the tension of the connection. A Belleville compression washer should be used to compensate for these effects. T&B® Belleville compression washers (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 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
				TBM21E	TBM45	TBM5	TBM6	TBM8	TBM5HX-1	TBM6H	12 ton	15 ton	40 ton	TBM6BSCR	BPLI14BSCR	TBM14BSCR	TBM8-750BSCR	TBM-750M-1	
HS12-6	AC4X3	60096	—	¼	10	—	21	Red	2	1	1	1	1	—	1	1	1	1	
		60097																	
		60099																	
		60101-TB	—	¼	8	—	24	Blue	2	2	1	2	1	—	1	1	1	1	
		60102-TB																	
		60103-TB																	
		60104-TB																	
		60106-TB	—	¼	6	—	29	Gray	4	2	2	2	2	2	2	2	2	2	
		60107-TB																	
		60108-TB																	
		60109-TB																	
HS4-30		60112	—	¾	4	—	37	Green	—	2	2	2	2	2	2	2	2	2	
		60113-TB																	
		60114-TB																	
		60116-TB	—	¾	2	—	42	Pink	—	2	2	2	2	2	2	2	2*	2*	
		60117-TB																	
		60118-TB																	
		60120																	
		60122	—	1½	1	—	45	Gold	—	3	3	3	3	3	3	2	2	2	2
		60123																	
		60124																	
	60126																		
		60128	60230	1¼	1/0	#6-1/0	50	Tan	—	3	3	3	3	3	3	2	2	2	
		60129																	
		60130																	
		60132																	
		60134	60236	1¼	2/0	#1-2/0	54	Olive	—	3	3	3	3	3	3	2	2	3*	
		60135	60238																
		60136																	
		60138																	
		60140	60242	1½	3/0	—	60	Rudy	—	3	3	3	3	3	3	2	2	2	
		60141	60244																
		60142																	
		60144																	
HS40-400		60147	60248	2	4/0	2/0-4/0	66	White	—	—	—	4	4	4	4	4*	2	2	
		60148	60250																
		60150																	
		60151																	
		AC5X7	60154	60254	2½	250	—	71	Red	—	—	—	4	4	4	4	4*	4*	2
		60156	60256																
		60157																	
		60159	60260	2¼	300	4/0-300	76	Blue	—	—	—	4	4	4	4	4*	2	2	
		60160	60262																
		60162																	
		60165	60265	2¾	350	250-350	87	Brown	—	—	—	—	4	4	4	4*	4*	2	
		60166	60267																
		60168	60268	2¼	400	—	94	Green	—	—	—	—	—	4	—	4*	4*	2	
		60269																	
HS500-1000		60171	60271	2¼	500	4/0-500	99	Pink	—	—	—	—	—	4	—	4*	4*	2	
		60172	60273																
		60174	60274	2¼	600	—	106	Black	—	—	—	—	—	4	—	4*	4*	2	
		60275																	
		60176	60276	3	700	—	112	Purple	—	—	—	—	—	—	—	4*	4*	2	
		60277																	
		60178	60278	3	750	500-900 compact	115	Yellow	—	—	—	—	—	—	—	4*	4*	2	
		60184	60284	3¼	1000	—	140	—	—	—	—	—	—	—	—	4*	4*	2	

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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