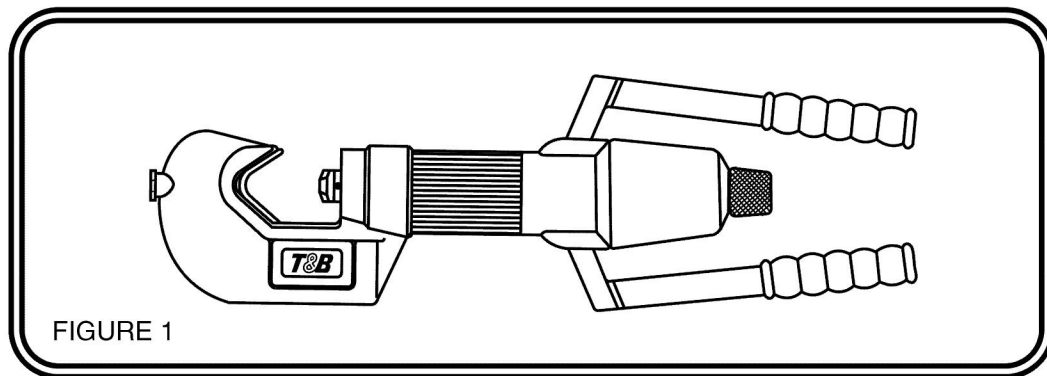


**SMART® 12 TON MANUAL HYDRAULIC CRIMPING TOOL
INSTRUCTION MANUAL
Catalog Number TBM8-750M-1**



CAUTION: Prior to using tool, read and understand this manual tool operation and the associated equipment.

PRECAUCION: Antes de usar esta herramienta este seguro de haber leído y comprendido todas las instrucciones para su uso y el empleo del equipo que le acompaña.

ATTENTION: Le mode d'emploi de cet outil et son équipement doit être parfaitement compris avant son utilisation.

GENERAL SAFETY RULES:

1. **NEVER ATTEMPT TO MAKE A CONNECTION TO A "HOT" LINE.** Never assume the power is OFF! Determine beforehand if any electrical hazard could exist when making a connection to a line or wire.
2. **FAMILIARIZE YOURSELF WITH THE TOOL.** Become aware of its proper usage as well as the potential hazards that could occur. Read the instruction manual.
3. **KEEP WORK AREA CLEAN AND WELL LIT.** Poor lighting and cluttered area invite accidents.
4. **USE SAFETY GLASSES.**
5. **MAINTAIN TOOL WITH CARE.** Keep tool in good condition at all times. Keep it clean for best and safe performance.
6. **NEVER CARRY THE TOOL** by the pump body or by the movable handle. Keep hands and fingers clear of pumping area and dies.
7. **DON'T OVER-REACH.** Keep proper footing and balance at all times.

This tool is a high pressure hydraulic crimping tool. Properly

The hydraulic fluid used in the system is petroleum based and, as such, proper care should be exercised in its use. Ordinary care, avoidance of continued skin contact, and normal personal hygiene are advised. Avoid contact with the eyes and oral ingestion. The tool should not be used where a failure would cause the hydraulic fluid to contact personnel, open fire, electrical heater, hot surfaces, electrical wiring, food material intended for human consumption, etc.

The use of this or other hydraulic equipment may be restricted by Government Regulation in particular situations. O.S.H.A., Bu. Mines, F.D.A., etc. are examples. Check before using.

This tool is shipped filled with oil.

GENERAL DESCRIPTION:

The TBM8-750M-1 manually operated hydraulic crimping tool is a two-stage, high pressure pump of durable construction, see Figure 1. The tool is simple to maintain and with proper care will give long, dependable service.

The pumping mechanism is a two speed piston design. The pump provides, in the low pressure stage, high oil volume for rapid die advance under no load. Once resistance is met the pump automatically shifts to high internal pressure delivery up to 10,000 psi. The tool is protected by a high pressure relief valve in the pump body assembly.

SPECIFICATIONS:

Output.....	12 Ton (nominal)
Hydraulic Operating Pressure.....	10,000 psi (max.)
Length.....	21-5/8 in.
Width.....	7 in.
Height (Crimping Head).....	4-1/4 in.
Weight (wet) Less case.....	13 lbs.
Finish.....	Black Oxide
Oil.....	T&B 21061 oil

A. OPERATING INSTRUCTIONS:

Install dies head as follows: (See Figure 2).

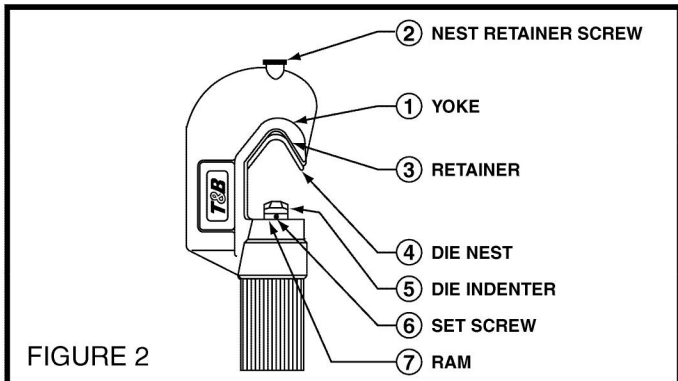


FIGURE 2



CAUTION

NEVER OPERATE TOOL WITH OUT A SET OF DIES.

1. Position die nest (4) against nest retainer (3) in yoke (1), and secure tightly with nest retainer screw (2).
2. Position die indenter (5) on ram (7), and secure tightly with screw (6).



WARNING

DIES MUST BE PROPERLY INSTALLED TO PREVENT DAMAGE AND POSSIBLE OPERATOR INJURY. THE NEST RETAINING SCREW (2) AND MOVABLE DIE SET SCREW (6) MUST BE TIGHTENED.

KEEP FINGERS CLEAR OF DIES (4 AND 5) AND THE RAM (7) DURING OPERATION.

After installing a set of dies, the tool is ready to be operated. Operate several times checking for proper operation and leaks. Hold tool in vertical position, see Figure 3 to ensure ram lubrication.

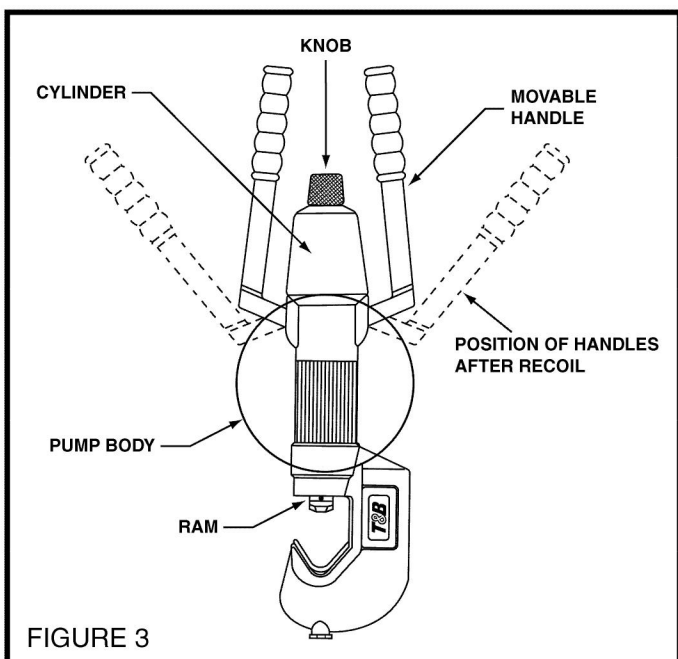


FIGURE 3

B. CRIMPING PROCEDURES



WARNING

KEEP HANDS CLEAR OF DIES WHEN OPERATING TOOL. SERIOUS INJURY MAY RESULT IF HAND IS CAUGHT IN DIE WHILE CRIMP IS BEING MADE.

NOTE: The head of the tool can be rotated 90° to any desired position to accommodate operator's view of dies, connectors position and compressing operation. (Cannot be rotated under hydraulic pressure).

1. Pre-load connector into tool jaw as follows:
 - a. Select connector to be attached to cable.
 - b. Rotate tool head to align with handles, see Figure 3.
 - c. Place one handle on hard flat surface with tool head opening facing towards you, see Figure 4.
 - d. Grip other handle at top end at bend.
 - e. Insert lug into tool jaw, see Figure 5, and simultaneously grip tool head.
 - f. Pump upper handle until ram touches and hold connector in place.
 - g. Locate ram as indicated in color bands marked on connector.

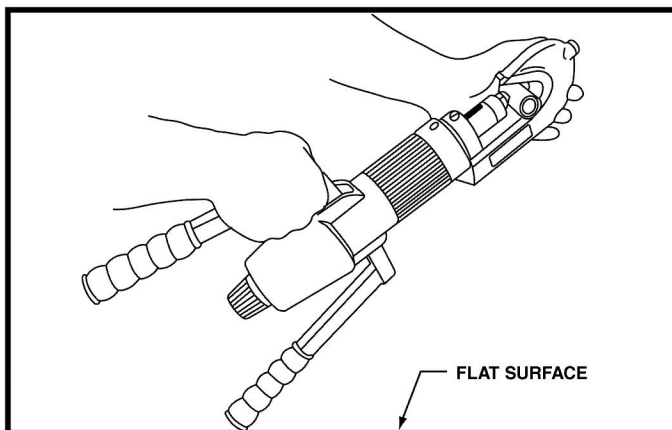


FIGURE 4

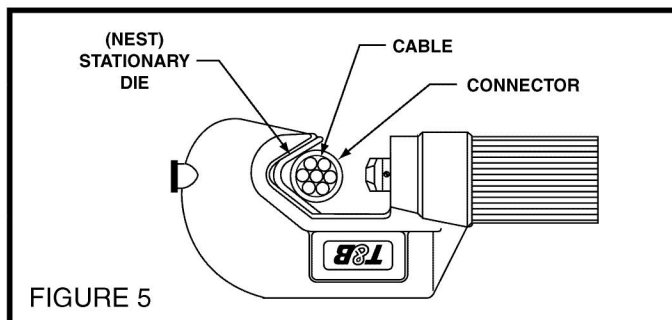


FIGURE 5



CAUTION

DO NOT MAKE MORE THAN ONE CRIMP IN THE SAME LOCATION ON THE CONNECTOR. OVERCRIMPING COULD OCCUR AND CAUSE CONNECTOR OVERHEATING AND FAILURE.

2. Introduce the stripped end of cable into connector barrel and pump handles until a clear recoil is felt. Bypass is indicated by a sudden release of handle force allowing handles to collapse inwardly.

NOTE: When the tool achieves max. pressure, the recoil will move pump handles away from cylinder, see Figure 3.

3. To retract ram, turn knob, see Figure 3. The retracting ram can be stopped at any position by releasing knob thereby reducing number of handle pumping strikes required for next compression.

If full retraction of ram is desired, rotate knob 90° clockwise or counterclockwise, before attempting next crimp, rotate knob another 90°.

4. Move tool into position for next crimp on connector (if required) and repeat steps 1 through 3.

C. MAINTENANCE AND ROUTINE SERVICE:

A program of routine maintenance will keep the tool and hydraulic equipment operating at top efficiency. In particular, keep equipment clean and repair small leaks before they become serious.

The purpose of this section is to facilitate minor repairs and replacement of new or exchanged assemblies in field.

However, it is usually less costly and less time consuming to return the unit to an authorized T&B Tool Service Center if major repairs are required.

Improper repairs will void the warranty and may make further repair more difficult or even impossible.

⚠ CAUTION: ⚠

The greatest single cause of failure in hydraulic equipment is dirt. Exercise extreme care to prevent the introduction of foreign matter into the unit.

HYDRAULIC FLUID

Use only approved hydraulic fluid T&B Cat. NO. 21061 or, in an emergency, automatic transmission fluid type A.

Consult your T&B representative for operating information if tool is to be used in temperatures below 32° F.

Do not use hydraulic brake fluid, motor oil, silicone oil, synthetic fluids, etc. These materials have poor lubricating qualities, and are not compatible with materials used in this tool.

REPAIRS AND ADJUSTMENTS

Check the tool gaging periodically using tool gage, Cat. No. TBM8-750G. Gaging instructions are attached to the tool gage.

Perform minor repairs such as replacement of parts in Repair Parts List. Major repairs such as disassembly of piston and replacement of seals require special fixtures. It is recommended for this type of repair to return tool to an authorized T&B Tool Service Center.

TROUBLE SHOOTING

1. Piston does not advance.
 - a. No oil or low oil in pump.
 - b. Air in system.
 - c. Blockage in hydraulic system.

2. Piston advances slowly, part-way, or erratically.

- a. Low oil level in pump.
- b. Air in system.
- c. Tool piston binding.
- d. Leakage of hydraulic fluid (see note below).
- e. Blockage in hydraulic system.

3. Piston does not retract, does not release pressure, or retracts erratically.

- a. Defective pump.
- b. Weak or broken return spring in tool.
- c. Binding tool piston or sticking dies.
- d. Excessive oil in pump.
- e. Blockage in hydraulic pump.
- f. Ram not properly lubricated.

4. Pump develops excessive pressure.

- a. Defective pump.

5. Pump does not develop full pressure.

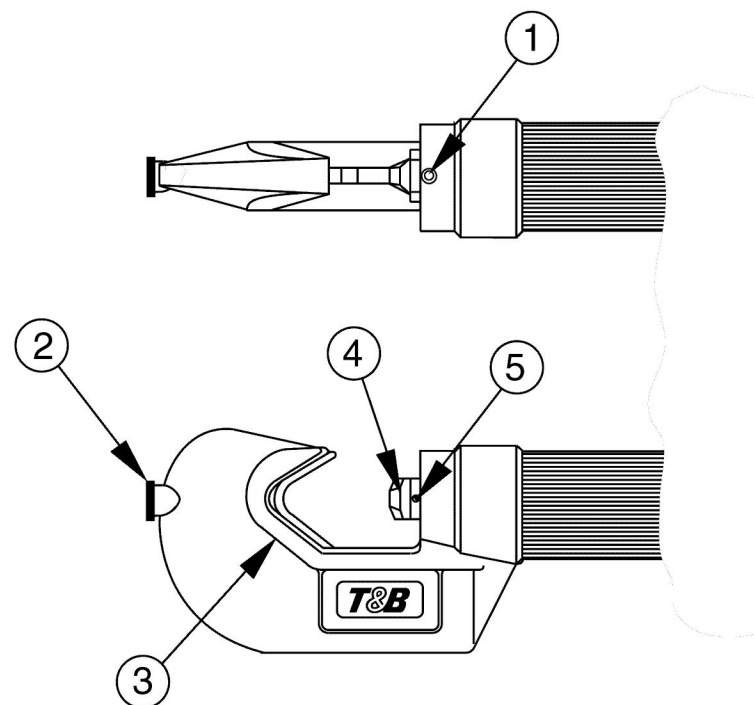
- a. Defective pump.
- b. Air in system.
- c. Leakage in pump or tool (see note below).
- d. Low oil in pump.
- e. Dirt in hydraulic system.

NOTE: If leakage of hydraulic fluid develops, **do not attempt to do any more crimps.** Return the unit to an authorized T&B Tool Service Center for repairs.

REPAIR PARTS LIST

Thomas & Betts Hydraulic Crimping Tool Cat. No. TBM8-750M-1

KEY NO.	PART NO.	NAME OF PART
1	2516R08	Piston Guide Screw
2	2516R09	Nest Retaining Screw
3	2516R10	Nest (Stationary Die)
4	2516R11	Indenter (Movable Die)
5	2516R16	Set Screw (Die Indenter)



HOW TO ORDER REPAIR PARTS

All parts listed herein may be ordered through your local T&B Tool Service Center. When ordering repair parts always give the following information as shown in this list.

1. The Part Number.
2. The Part Name.
3. The Catalog Number (Cat. No. TBM8-750M-1).
4. The Name of the Item (12 Ton Installing Head Self Contained).
5. Tool Serial Number.

For parts or service, contact the Tool Service Center at 1-800-284-TOOL (8665).

IMPORTANT - READ CAREFULLY

The SMART® tool is designed for use in combination with designated T&B connectors. Thomas & Betts warns and directs that **PROPER USE OF THE SMART® TOOL ABSOLUTELY REQUIRES THAT IT BE USED ONLY WITH SUCH DESIGNATED T&B CONNECTORS. DO NOT USE CONNECTORS OTHER THAN DESIGNATED T&B CONNECTORS WITH THIS TOOL. FOLLOW ALL OPERATING DIRECTIONS AND PROCEDURES CAREFULLY.**

Any deviation from this warning and direction, including the use of other than designated T&B connectors with the SMART® tool, shall constitute a misuse of the SMART® tool. Thomas & Betts assumes no responsibility whatsoever for misuse of the SMART® tool.

WARRANTY:

The SMART® tool is manufactured in a manner to be free of defects. Should any defect occur in any component of the SMART® tool within 90 days. Thomas & Betts upon prompt notification, will, at its option, exchange or repair the SMART® tool or refund the price therefor in full.

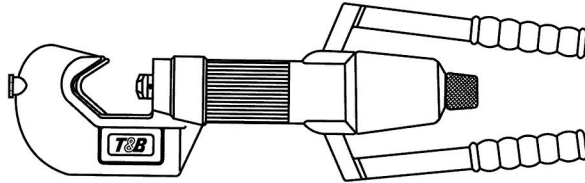
LIMITATIONS AND EXCLUSIONS UPON WARRANTY AND REMEDIES:

THIS WARRANTY IS VOID IN THE EVENT OF DAMAGE OR LOSS DUE TO MISUSE OR FAILURE TO FOLLOW ALL OPERATING DIRECTIONS AND PROCEDURES. THE SMART® TOOL IS DESIGNED TO BE USED WITH DESIGNATED T&B CONNECTORS. ANY USE OF CONNECTOR OTHER THAN A DESIGNED T&B CONNECTOR WITH THE SMART® TOOL IS A MISUSE OF THE TOOL. FURTHER, THIS WARRANTY IS LIEU OF ALL OTHER REPRESENTATIONS AND EXPRESS AND IMPLIED WARRANTIES (INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE) AND UNDER NO CIRCUMSTANCES SHALL THOMAS & BETTS BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE OR LOSSES.

CONDITION OF SALE AND REPURCHASE RIGHTS:

As a condition of the sale of the SMART® tool by Thomas & Betts to Purchaser/User, Thomas & Betts hereby reserve its right to repurchase the SMART® tool from the Purchaser/User in the event Purchaser/User fails to use only T&B connectors in combination with the SMART® tool. In such event, Purchaser/User shall tender the SMART® tool to Thomas & Betts for repurchase upon receipt of written notice from Thomas & Betts. Thomas & Betts shall refund the purchase price to Purchaser/User upon receipt of the SMART® tool.

CONNECTORS THAT CAN BE INSTALLED WITH THE TBM8-750M-1 TOOL



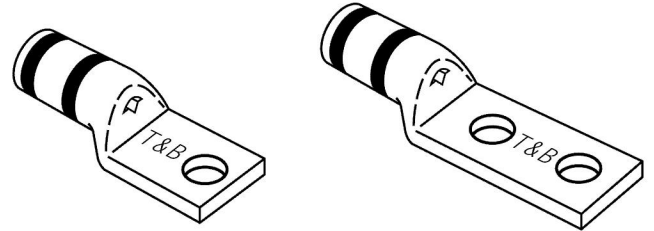
The following COLOR-KEYED® connectors manufactured by Thomas & Betts can be installed with the TBM8-750M-1 tool.

Please be sure to return the enclosed tool warranty card.

In addition to registering the tool for warranty, we will add your name to our mailing list to receive notification of applicable information regarding the TBM8-750M-1 tool.

Please read instruction manual carefully before operating this tool.

STANDARD ONE AND TWO HOLE COPPER COLOR-KEYED® LUGS

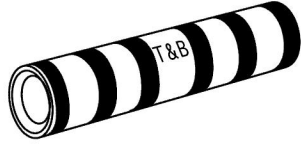


CATALOG NUMBER		CABLE SIZE	*RANGE TAKING CU & AL	COLOR CODE	NO. OF CRIMPS	STRIP LENGTH (IN.)
1 HOLE	2 HOLE					
54104 54130 54131 54132	54204	#8 STR 23 NAVY 8 WELD 37/24		RED	1	7/16
54134 54105 54135 54136	54205	#6 STR 30 NAVY 6 WELD 61/24 133/.014		BLUE	1	7/16
54138 54106 54139 54140	54206	4 STR 40-50 NAVY 91/24 133/.0177 40/.026		GRAY	1	5/8
54107 54142 54143 54145	54207	2 STR 60 NAVY 4 WELD 125/24		BROWN	1	5/8
54108 54147 54148 54150	54208	1 STR 75 NAVY 2 WELD 150/24 175/24 133/.0223		GREEN	1	3/4
54152 54153 54109 54155	54255 54209	1/0 AWG 100 NAVY 1 WELD 225/24 133/.0254	#6 - 1/0	PINK	1	3/4
54157 54158 54110 54160	54261 54210 54260	2/0 WELD 125 NAVY 1/0 WELD 275/24 427/.0155 133/.0282	#1 - 2/0	BLACK	2	3/4
54162 54163 54111 54165	54266 54211 54265	3/0 AWG 150 NAVY 2/0 WELD 325/24 133/.0316 259/.0227 427/.0177		ORANGE	2	1
54167 54168 54112 54170	54212 54270	4/0 AWG 200 NAVY 3/0 WELD 450/24 703/.0154	2/0 - 4/0	PURPLE	2	1
54172 54173 54174 54113	54213 54275	250 MCM 250 NAVY		YELLOW	2	1-1/8

CATALOG NUMBER		CABLE SIZE	*RANGE TAKING CU & AL	COLOR CODE	NO. OF CRIMPS	STRIP LENGTH (IN.)
2 HOLE	2 HOLE					
58161 58162 58163 58165 58166	58265	4/0 WELD 550/24 133/.0399 259/.0286 637/.0183		YELLOW	2	1-1/8
54178 54179 54114 54181	54214 54280	300 MCM 300 NAVY	2/0 - 300	WHITE	2	1-1/8
54168		250 WELD 650/24 259/.0311 703/.0189		WHITE	2	1-1/8
54115 54183	54215 54282	350 MCM 350 NAVY	250-350	RED	2	1-1/8
58171		300 WELD 775/24 259/.034 427/.0265 889/.0831		RED	2	1-1/8
54116 54185	54216 54283	400 MCM 400 NAVY		BLUE	2	1-5/16
58174		350 WELD 427/.0285 259/.0368 703/.0224 889/.0201		BLUE	2	1-5/16
58177	58277	400 WELD 925/24 259/.0393 427/.0306		GRAY	2	1-3/8
54118 54187	54218 54286	500 MCM 500 NAVY	250 - 500	BROWN	2	1-5/16
58180		500 WELD 1100/24 259/.0417 427/.0325 703/.0253		BROWN	2	1-5/16
54120	54220 54289	600 MCM		GREEN	2	1-1/2
54122	54291	700 MCM		PINK	2	1-1/2
54182	58281	1325/24 427/.0342		PINK		1-1/2
54123	54223	750 MCM	500 - 750	BLACK	2	1-5/8

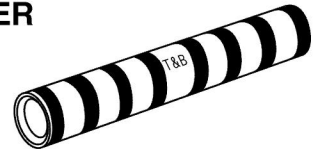
*TBM8-750M-1, TBM8-750M & TBM8-750 ONLY (1 CRIMP ALL APPLICATIONS)

**STANDARD COPPER
COLOR-KEYED®
SPLICES**



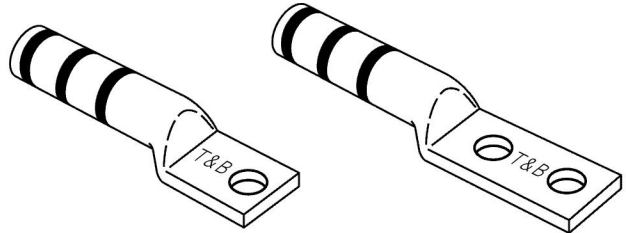
CAT. NO.	CABLE SIZE	RANGE TAKING CU & AL	COLOR CODE	NO. OF CRIMPS	STRIP LENGTH (IN.)
54504	8 STR 8 WELD 37/24		RED	1	7/16
54505	6 STR 6 WELD 61/24 133/.014		BLUE	1	7/16
54506	4 STR 91/24 133/.0177 49/.026		GRAY	1	5/8
54507	2 STR 4 WELD 125/24		BROWN	1	5/8
54508	1 STR 2 WELD 150/24 175/24 133/.0223		GREEN	1	3/4
54509	1/0 AWG 1 WELD 225/24 133/.0254	#6 - 1/0	PINK	1	3/4
54510	2/0 AWG 1/0 WELD 275/24 427/.0155 133/.0282	#1 - 2/0	BLACK	2	1
54511	3/0 AWG 2/0 WELD 325/24 133/.0316 259/.0227 427/.0177		ORANGE	2	3/4
53962	375/24 133/.0355 259/.0255 427/.0199		ORANGE	2	1
54512	4/0 AWG 3/0 WELD 450/24 703/.0154	2/0 - 4/0	PURPLE	2	1
54513	250 MCM		YELLOW	2	1-1/8
53964	4/0 WELD 550/24 133/.0399 259/.0286 637/.0183		YELLOW	2	1-1/8
54514	300 MCM	2/0 - 300	WHITE	2	1-1/8
54515	350 MCM	250 - 350	RED	2	1-1/8
54516	400 MCM		BLUE	2	1-5/16
54518	500 MCM	250 - 500	BROWN	2	1-5/16
53968	500 WELD 1100/24 259/.0417 427/.0325 703/.0253		BROWN	2	1-5/16
54520	600 MCM		GREEN	2	1-1/2
54522	700 MCM		PINK	2	1-1/2
53969	1325/24 427/.0342		PINK	2	1-1/2
54523	750 MCM	500 - 750	BLACK	2	1-5/8

**LONG BARREL COPPER
COLOR-KEYED®
SPLICES**



CAT. NO.	CABLE SIZE	RANGE TAKING CU & AL	COLOR CODE	NO. OF CRIMPS	STRIP LENGTH (IN.)
54804	#8 AWG		RED	2	3/4
54805	#6 AWG		BLUE	2	3/4
54806	#4 AWG		GRAY	2	3/4
54807	#2 AWG		BROWN	2	7/8
54808	#1 AWG		GREEN	2	1
54809	1/0 AWG	#6 - 1/0	PINK	2	1
54810	2/0 AWG	#1 - 2/0	BLACK	3	1
54811	3/0 AWG		ORANGE	3	1-1/16
54812	4/0 AWG	2/0 - 4/0	PURPLE	4	1-1/4
54813	250 MCM		YELLOW	4	2-9/16
54814	300 MCM	2/0 - 300	WHITE	4	1-11/16
54815	350 MCM	250 - 350	RED	4	1-13/16
54816	400 MCM		BLUE	4	1-13/16
54818	500 MCM	250 - 500	BROWN	4	2-5/16
54820	600 MCM		GREEN	4	2-1/16
54823	750 MCM	500 - 750	BLACK	4	2-3/8

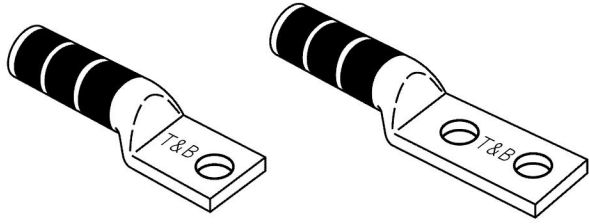
**LONG BARREL
COPPER COLOR-KEYED® LUGS**



CAT. NO.		CABLE SIZE	RANGE TAKING CU & AL	COLOR CODE	NO. OF CRIMPS	STRIP LENGTH (IN.)
1 HOLE	2 HOLE					
54930BE	54850BE	#8 AWG		RED	2	3/4
54905BE	54852BE	#6 AWG		BLUE	2	3/4
54906BE	54854BE	#4 AWG		GRAY	2	3/4
54942BE	-----	#2 AWG		BROWN	2	7/8
-----	54856BE	#3-2 AWG		BROWN	2	7/8
54947BE	54858BE	#1 AWG		GREEN	2	1
54909BE	54860BE	1/0 AWG	#6 - 1/0	PINK	2	1
54910BE	54862BE	2/0 AWG	#1 - 2/0	BLACK	3	1
54965BE	54864BE	3/0 AWG		ORANGE	4	1-1/8
54970BE	54866BE	4/0 AWG	2/0 - 4/0	PURPLE	4	1-5/16
54913BE	54868BE	250 MCM		YELLOW	4	1-9/16
54914BE	54870BE	300 MCM	2/0 - 300	WHITE	4	1-3/4
54915BE	54872BE	350 MCM	250 - 350	RED	4	1-7/8
54916BE	54874BE	400 MCM		BLUE	4	1-7/8
54918BE	54876BE	500 MCM	250 - 500	BROWN	4	2-3/8
54920BE	43878BE	600 MCM		GREEN	4	2-1/8
54923BE	-----	750 MCM		BLACK	4	2-7/16
-----	54880BE	750 MCM	500-750	BLACK	4	2-7/16

*TBM8-750M-1, TBM8-750M & TBM8-750 ONLY (1 CRIMP ALL APPLICATIONS)

ALUMINUM COLOR-KEYED® LUGS



CATALOG NUMBER		CABLE SIZE	RANGE TAKING CU & AL	COLOR CODE	NO. OF CRIMPS	STRIP LENGTH (IN.)
1 HOLE	2 HOLE					
60101 60102 60103 60104		#8 AWG		BLUE	1	5/8
60106 60107 60108 60109		#6 AWG		GRAY	2	3/4
60112 60113 60114		#4 AWG		GREEN	2	7/8
60116 60117 60118 60120		#2 AWG		PINK	2	7/8
60122 60123 60124 60126		#1 AWG		GOLD	3	1-1/8
60128 60129 60130 60132	60230	1/0 AWG	#6 - 1/0	TAN	3	1-1/4
60134 60135 60136 60138	60236 60238	2/0 AWG	#1 - 2/0	OLIVE	3	1-1/4
60140 60141 60142 60144	60242 60244	3/0 AWG		RUBY	3	1-3/8
60147 60148 60150 60151	60248 60250	4/0 AWG	2/0 - 4/0	WHITE	4	2
60154 60156 60157	60254 60256	250 MCM		RED	4	2-1/8
60159 60160 60162	60260 60262	300 MCM	4/0 - 300	BLUE	4	2-1/4
60165 60166	60265 60267	350 MCM	250 - 350	BROWN	4	2-3/4
60168	60268 60269	400 MCM		GREEN	4	2-3/4
60171 60172	60271 60273	500 MCM	4/0 - 500	PINK	4	2-3/4
60174	60274 60275	600 MCM		BLACK	4	2-3/4
60176	60276 60277	700 MCM		PURPLE	4	3
60178	60278	750 MCM	500 - 750	YELLOW	4	3

*TBM-750-1, TBM8-750M & TBM8-750 ONLY (1 CRIMP ALL APPLICATIONS)

ALUMINUM COLOR-KEYED® SPLICES



CATALOG NUMBER	CABLE SIZE	RANGE TAKING CU & AL	COLOR CODE	NO. OF CRIMPS	STRIP LENGTH (IN.)
60501	#8 AWG		BLUE	1	5/8
60507	#6 AWG		GRAY	2	3/4
60512	#4 AWG		GREEN	2	7/8
60516	#2 AWG		PINK	2	7/8
60522	#1 AWG		GOLD	3	1-1/8
60530	1/0 AWG	#6 - 1/0	TAN	3	1-1/4
60536	2/0 AWG	#1 - 2/0	OLIVE	3	1-1/4
60542	3/0 AWG		RUBY	3	1-3/8
60548	4/0 AWG	2/0 - 4/0	WHITE	4	2
60554	250 MCM		RED	4	2-1/8
60560	300 MCM	4/0 - 300	BLUE	4	2-1/4
60565	350 MCM	250 - 350	BROWN	4	2-3/4
60568	400 MCM		GREEN	4	2-3/4
60571	500 MCM	4/0 - 500	PINK	4	2-3/4
60574	600 MCM		BLACK	4	2-3/4
60576	700 MCM		PURPLE	4	3
60578	750 MCM	500 - 750	YELLOW	4	3

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 its intended use. Thomas & Betts manufactures its goods and tools in a manner to be free of defects. Should any defect occur in its goods within 90 days (or tools within time stated on warranty card) of date of purchase, Thomas & Betts, upon prompt notification, will at its option, exchange or repair the goods or tools or refund the purchase price. Proof of purchase required.

Limitations and Exclusions: THIS WARRANTY IS IN LIEU OF ALL OTHER REPRESENTATIONS AND EXPRESSED AND IMPLIED WARRANTIES (INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE), AND UNDER NO CIRCUMSTANCES SHALL THOMAS & BETTS BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES OF ANY KIND.

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Memphis, Tennessee
Website: www.tnb.com
In Canada, Thomas & Betts Ltd., Iberville, P.Q.
Crimping Tool Made In Germany