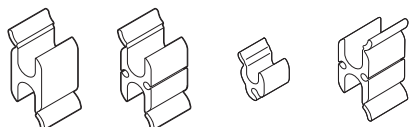


INSTRUCTION SHEET

Compression taps, H type

For 600V applications

Color-Keyed®

**WARNING**

- Risk of shock, disconnect power before installation.
- Wear appropriate chemical resistant gloves, clothing and safety glasses with side shields or goggles.

**CAUTION:**

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

General information:

- Made of high conductivity aluminum
- Fold-in FILLERLOK™ tab provides positive interlock and expands wire range.
- Recommended for aluminum to aluminum, aluminum to copper and copper to copper connections
- Wire grooves contain oxide inhibiting compound for minimum connection resistance
- UL and CSA listed for either aluminum or copper code cables.
- Color coded to eliminate mis-matching of installing die and connector.

Instructions:

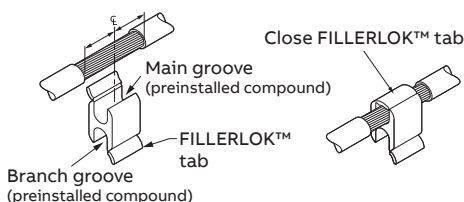
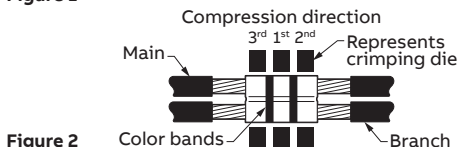
1. If cable is insulated, strip insulation by whittling (like sharpening a pencil). Be careful not to nick the cable strands which may later result in strands breaking.
 2. Aluminum cable:
 - Smear a thin layer of ALUMA-SHIELD® Aluminum Joint Compound (Cat. no. 21059) on the cable (see Safety Data Sheet SDS-00012 for safe handling instructions). Clean cable with wire brush or emery cloth through the compound in order to remove surface oxide.
 - The Main and Branch grooves have pre installed with appropriate amount of compound.
- ⚠ **WARNING:** Do not remove compound from the Main and Branch grooves.

**Important**

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

Insufficient compound can result in an unsafe connection. This compound contains petroleum distillates and small metal particles. Avoid prolonged skin contact (Wash with soap and water). Consult a physician if swallowed or contact with eyes.

3. Copper cable:
 - Clean with wire brush or emery cloth.
 4. Center the stripped cable in the Main or Branch grooves. Close FILLERLOK™ tab, see figure 1.
 5. Table (on reverse side) contains installing die and the number of compressions required for each die connector combination. Insert connector into the tool die head and make compressions between color bands on the H type connector. Start compressions between color bands near center and work outward, see figure 2.
- ⚠ **CAUTION:** Using improper installing dies may result in malfunctioning connection.
6. After crimping, remove all sharp edges, flashes, or burrs due to crimping dies.
 7. Insulate following methods found in table.

**Figure 1****Figure 2**

T&B Method Color-Keyed® H-Taps: Standard construction

Product selection and dimensions - inches

Part no.	Style	Overall lgth	Strip lgth	Color code	Wire range			Hand tools TBM6, TBM6S		Hand tool TBM12M		Hydraulic tool TBM8-750, TBM8-750M-1		**12 Ton head 13642		**15 Ton head TBM15		Insulation methods		
					Concentric copper and/or compact aluminum													Adhesive pad	°° Snap on	Snap on
					Main	Branch	Side tap	Die part nos.	No. of crimps	Die part nos.	No. of crimps	Die part nos.	No. of crimps	Die part nos.	No. of crimps	Die part nos.	No. of crimps			
† 63105	3	¾	1¼	Orange	2-6	8-14	—	13474 upper 13477 lower	2	15530	2	—	—	11739	2	*15530	2	AC3x4	HTC2	—
63110	1	1½	2½	Green	4-6	4-6	—	13470	6	*15501A	2	TBM8-750HG	4	11780	2	*15501A	2	AC5x7	HTC40	HT20C
63118	3	¾	1¼	Green	2/0-2	8-14	—	13470	2	*15501A	1	TBM8-750HG	4	11780	1	*15501A	1	AC5x7	HTC40	HT20C
63125	1	1½	2½	Green	2/0-2	1/0-6	—	13470	4	15501A	2	TBM8-750HG	4	11780	2	*15501A	2	AC5x7	HTC40	HT20C
63140	1	1½	2½	Blue	4/0-2/0	2-10	—	13471	6	15502	1	TBM8-750HB	4	11790	2	*15502	1	AC85x75	HTC40	HT40C
63148	2	3	4½	Blue	4/0-2/0	‡ 3/0-1	8-14	—	—	15502	3	TBM8-750HB	4	11790	4	*15502	3	AC85x75	HTC500	HT600C
63160	2	2¾	4½	Red	500-4/0	4/0-2	2-6	—	—	—	—	—	—	—	—	15612	2	AC85x105	HTC500	HT600C
63169	1	3	4½	Black	750-4/0	750-4/0	—	—	—	—	—	—	—	—	—	15620	3	—	HTC1000	HTC1000C
63170	1	6	8½	Black	1000-500	1000-1/0	—	—	—	—	—	—	—	—	—	15620	6	—	HTC1000L	HTC1000C-L
63180	2	3	4½	Black	750-250	350-1/0	1-6	—	—	—	—	—	—	—	—	15620	3	—	HTC1000	HT1000C

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

*Use with adapter Part no. 15500.

**These heads must be used with 9800 PSI pump.

‡ For #1 CU or AL wire bent double (hair pin) see Figure 3.

† 63105 also installed by TBM5/TBM5S with 13455 Die or TBM8/TBM8S with 13462 die.

° 63110 & 63118 also installed with 1 crimp of 15501 die.

°° Not UL listed

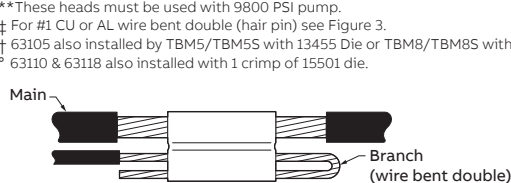
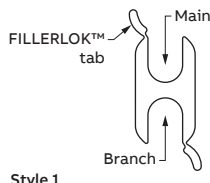


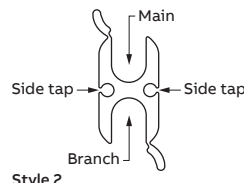
Figure 3

Note: Part no. 63170 is suitable for the following copper or aluminum combinations in either main or tap or both.

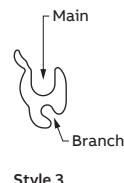
one 4/0 with one 1/0 to 350 MCM
one 250 MCM with one 1/0 to 350 MCM
one 300 MCM with one 1/0 to 300 MCM



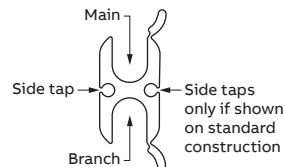
Style 1



Style 2



Style 3



Alternate construction:
Same as standard construction except "FILLERLOK™" tabs may be located on the same side of each wire groove as shown above.