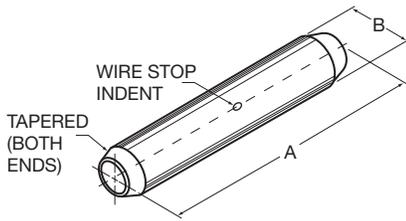




COPPER HIGH VOLTAGE TWO WAY SPLICES

Installation Instructions



Cable Size Concentric & Compact	Catalog Number	A Approx.		B Approx.			Installing Die Cat. No.*		Color Code
		Before Installation	After Installation	Before Installation	After Installation		TBM15 TBM15CR-LI & TBM15I Adapter Dies	TBM15 TBM15CR-LI & TBM15I Non-Adapter Dies	
					B	B1			
4 AWG	54006-TB	2	2-1/4	3/8	1/4	19/64	15CA29R	-	Gray
2 AWG	54007-TB	2-1/8	2-3/8	13/32	11/32	13/32	15CA33R	-	Brown
1 AWG	54008-TB	2-1/4	2-1/2	15/32	25/64	15/32	15CA37R	-	Green
1/0 AWG	54009-TB	2-3/8	2-5/8	17/32	27/64	1/2	15CA42R	-	Pink
2/0 AWG	54010	2-3/8	2-5/8	9/16	15/32	9/16	15CA45R	-	Black
3/0 AWG	54011	2-5/8	2-7/8	5/8	33/64	5/8	15CA49R	-	Orange
4/0 AWG	54012-TB	2-11/16	2-15/16	11/16	37/64	11/16	15CA54R	-	Purple
250 MCM	54013	3-3/16	3-7/16	3/4	5/8	3/4	15CA60R	-	Ruby
350 MCM	54015	4-1/8	4-1/2	7/8	47/64	27/32	15CA71R	-	Red
500 MCM	54018	4-1/8	4-1/2	1-1/16	29/32	1-3/32	15CA87R	-	Brown
750 MCM	54023	4-3/4	5-1/4	1-5/16	1-3/32	1-1/8	15CA106R	-	Black
1000 MCM	54026	5	5-1/2	1-1/2	1-1/4	1-1/2	-	15C125R	-

*THESE DIES ARE RECOMMENDED FOR ALL HIGH VOLTAGE (UP TO 15KV) APPLICATIONS. THEY ARE DESIGNED TO YIELD A SMOOTH ROUND CONNECTOR WHEN CRIMPED ACCORDING TO THESE RECOMMENDATIONS ON THIS SHEET. THEY ARE DISTINGUISHED FROM THE EQUIVALENT HEX DIES BY THE SUFFIX "R".

NOTES:

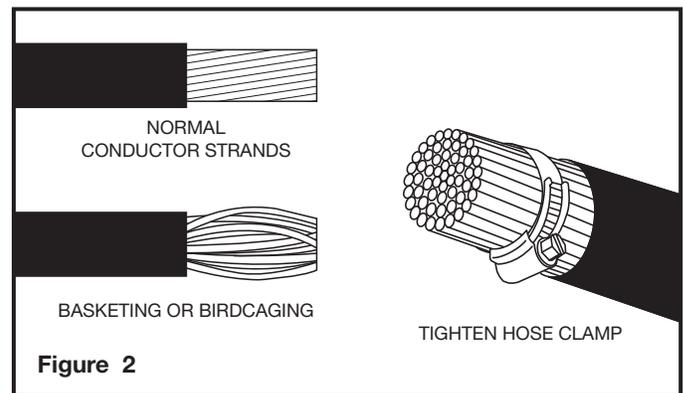
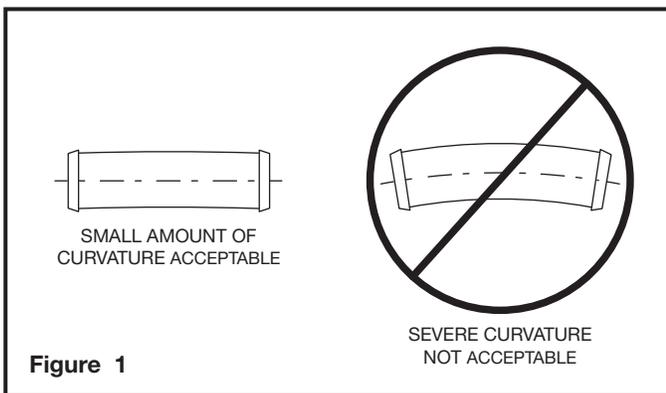
CONNECTOR DEFORMATION, Figure 1

A small amount of curvature of a connector is common.

Check for the following prior to installation: die alignment, tool jaw alignment, and properly trained conductor. Failure to do so, may result in severe curvature.

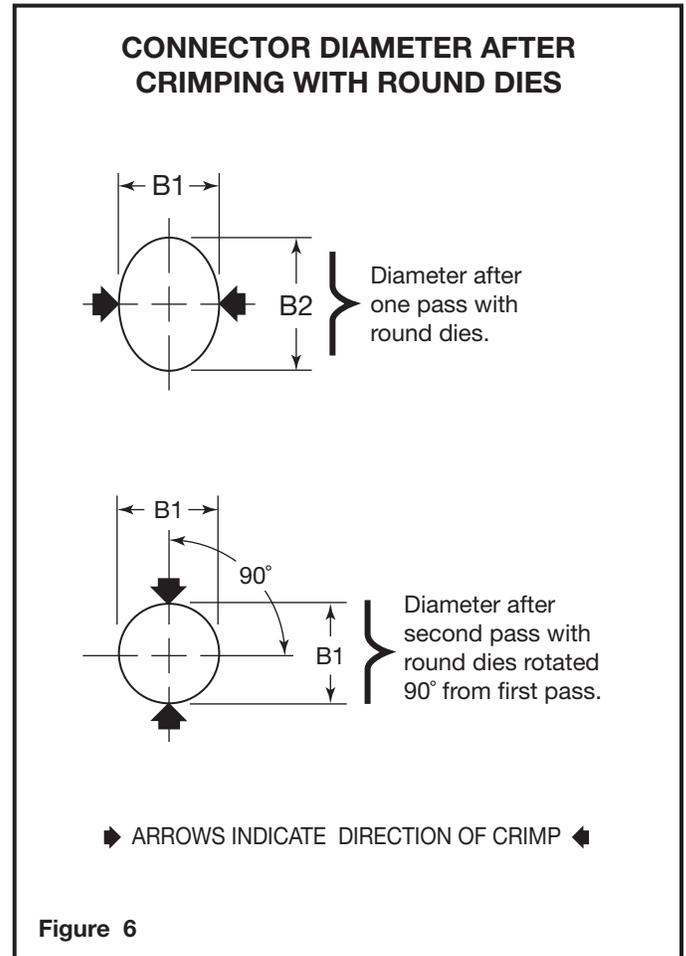
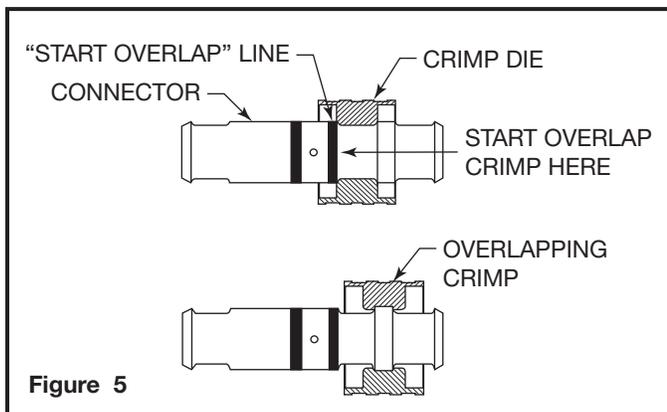
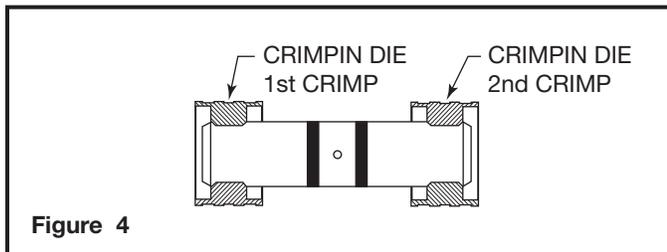
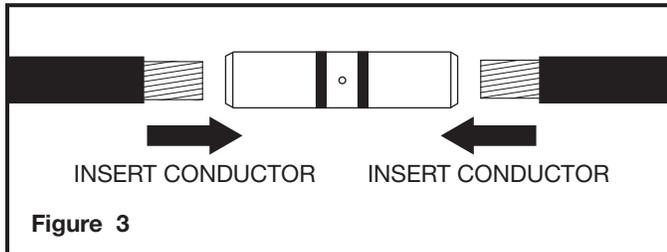
CONDUCTOR (BASKETING) OR (BIRDCAGING), Figure 2

In the event of basketing/birdcaging, tightly secure a hose clamp or cable tie to the bare conductor next to the connector prior to crimping.



INSTALLING INSTRUCTIONS

1. Train cable into final position, mark splice center line and cut excess cable from each end.
2. Remove cable jacket, shield, insulation, etc. from the conductors for a distance of 1/2 connector length plus 1/2 inch minimum.
3. Insert conductor fully into connector (See Figure 3).
4. Where space allows, make first crimp at one end of connector next to taper. Make second crimp at other end of connector next to taper (See Figure 4).
5. Crimp in overlapping steps, starting from the "start overlap" line towards the connector ends, leaving no ridges (See Figure 5).
6. To ensure connector is round and avoid possible flash and ridges, repeat Steps 4 and 5 with tool rotated 90 degrees (See Figure 6).



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 or 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. Misuse, misapplication or modification of Thomas & Betts Products immediately 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
 www.tnb.com