

Wire Termination Tools and Installation Kits

Redesigned family of termination tools sets a new standard for manual crimping tools!

Comfort Crimp® Compression Tools

The most comfortable crimp available from a manual compression tool!

Sta-Kon® Comfort Crimp® Compression Tools previously set the standard for manual crimp tools. Now, Thomas & Betts engineers have made a great line of tools even better with the newly redesigned Sta-Kon® Comfort Crimp® Compression Tools. We kept all the performance features that made the tools industry leaders such as the Shure-Stake® mechanism and interchangeable dies with color-coded die nests, and focused on creating the best possible user experience in terms of comfort and reduction of strain.

Ergonomic handles position the user's hands correctly to minimize the risk of strain, and soft, over-molded grips cushion fingers and palm for user comfort. A new Crimp-Assist™ foot stabilizes the tool when the user needs to place it on a work surface for leverage to crimp larger connectors. Best of all, the redesigned Comfort Crimp® tools require 25% less handle force to complete the crimp cycle than the previous generation — and up to 75% less handle force than competing tools!

Requiring the lowest handle force of any tool in its class, the new Comfort Crimp® family provides maximum comfort to installers, without sacrificing the durability or performance associated with Thomas & Betts tools.



- Perfect for OEM, MRO and field use
- UL Listed for use with Sta-Kon® connectors
- Shure-Stake® mechanism ensures a complete crimp cycle before release for a proper crimp every time
- Color-coded die nests for easy matching with Sta-Kon® insulated terminals
- Creates integrity dots for quick verification of proper crimp
- Advanced manufacturing methods for improved durability and tool life
- Lanyard hole in handle for easy tethering to workstation
- Calibration service available through T&B Tool Services



ERG4002



ERG4004



ERG4005



ERG4007



ERG4008

CAT. NO.	FOR USE WITH STA-KON® SERIES	PKG. QTY.
ERG4001	RA, RB, RC nylon & vinyl terminals, splices & disconnects	1
ERG4002	A, B, C non-insulated terminals, splices, disconnects	1
ERG4004	A, B and C flag terminals	1
ERG4005	B, C, D, E non-insulated terminals, splices, (D & E tubular only)	1
ERG4006	RA, RB .110 disconnects and RZ Terminals	1
ERG4007	RD & RE insulated terminals (tubular only)	1
ERG4008	Non-insulated terminals #8–1/0 AWG (tubular only)	1

Note: Contact Tool Services for gauging.

Wire Termination Technical Information

The proper installation procedure for the quality-assured connection!

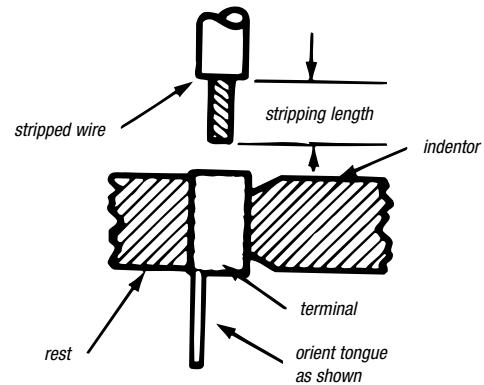
The proper installation of terminals, splices and connectors is very important to the efficient performance of an electrical system. The properly installed connector will enable good conductivity through the termination. Certain basic requirements must be met to make a good termination.

- Strip the insulation carefully to avoid nicking or cutting conductor strands
- Strip the insulation to the proper length so the conductors can be inserted fully into the connector barrel; the wire/cable should be visible in the inspection hole of the lug; the proper strip length can be found on **page G-51**.

A poor termination results in a high-resistance connection.
A poor connector installation may cause damage or failure of an entire system.

Installation Procedure

1. Strip the insulation carefully to avoid nicking or cutting conductor strands.
2. Strip the insulation to the proper length so the conductors can be inserted fully into the connector barrel; the wire/cable should be visible in the inspection hole of the lug; the proper strip length can be found on **page G-51**.
3. Train the wires to eliminate fanning of strands.
4. Open handles fully.
5. Insert terminal in proper die nest and locate it as shown above. When crimping a butt splice, position in proper die nest with window facing indentor.
6. Close handles slightly to secure terminal. Do not deform terminal.
7. Insert properly stripped wire into terminal.
8. Complete crimp by closing handles.



Shure-Stake® tools are matched to terminals.