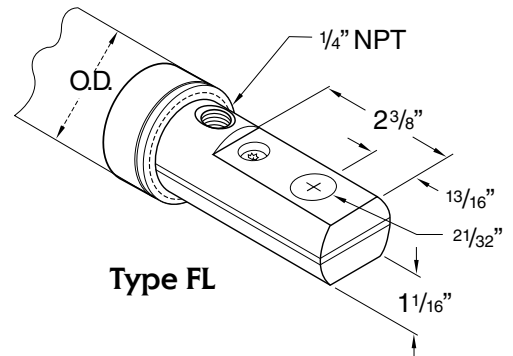
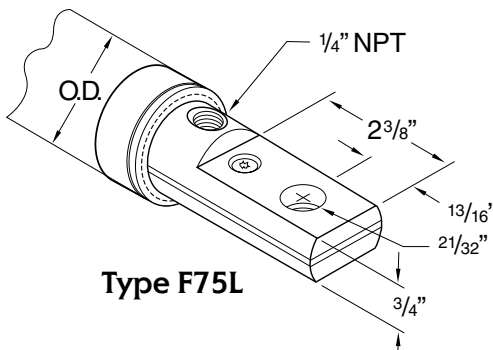
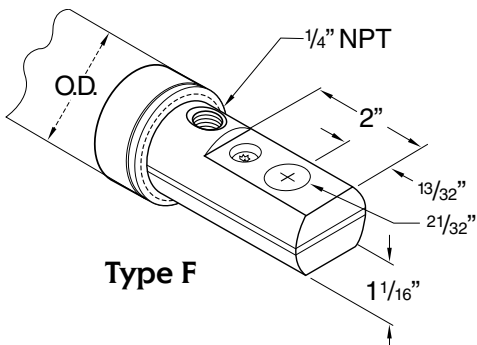
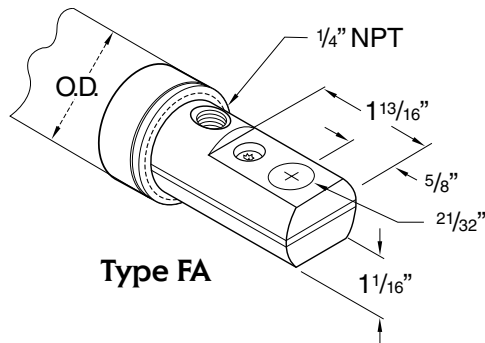
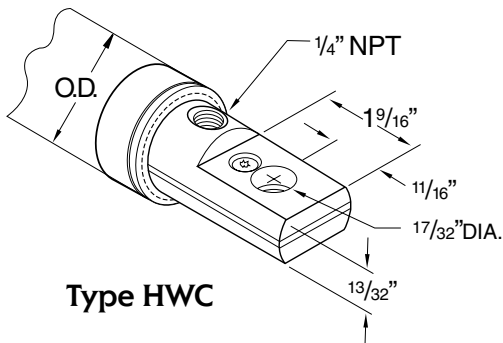


WATER COOLED CABLES

**Kickless Welding
Cables & Terminals**

A special Watteredge design combines the low-reactance feature of an alternate-polarity cross-section with a unique connection on the terminal end. The result is a high-performance, long-life welding cable suitable for the high standards and demands of the automotive and appliance industry.

Terminal Specifications



WATER COOLED CABLES

Hy-Twist Kickless Cable

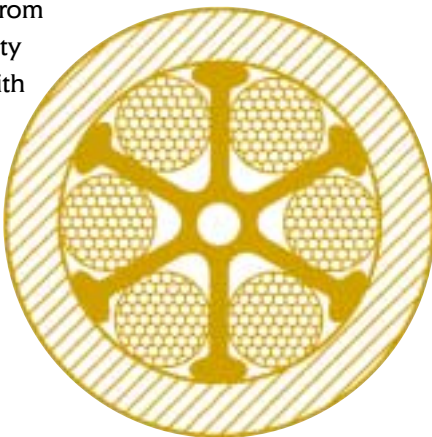
The Hy-Twist Kickless Cable for manual gun applications requiring ergonomic and torsional flexibility will fulfill those demands. This cable is far superior to any other cable design and is readily available in all sizes from Watteredge.

Hy-Twist has been used successfully in a number of automotive plants throughout the world, which makes it the number one source for manual applications.



Exclusive Design & Construction Features

Watteredge Kickless Cables feature positive and negative ropes that are positioned alternately throughout the cable and also at the connection point, producing the lowest possible inductive reactance. Each individual strand of the cable has its own swaged-on copper lug. The lugs are then soldered to the inside end of the terminal. Each terminal half is machined from a high-conductivity copper casting with a cross section exceeding the MCM rating of the cable.



Exclusive Design and Construction Features

- “Star” separator to maintain strand positioning and equally distributed cooling water flow throughout the cable.
- Electrolytic tough pitch annealed, bare copper wire, 30 AWG, herringbone rope construction for greater flexibility and reduced wear points.
- High temperature internal and external restraining collars to minimize stress in the bending area.
- Lowest inductive reactance to produce overall lower transformer KVA demand with greatest overall cable life expectancy.
- High-abrasion resistance to low-abrasion resistance covering.
- Unique hose clamping method utilizing seamless hydraulic crimped steel.

FORKED TERMINAL CONNECTORS

Improved Kickless Cabling For Robots

Watteredge's "Forked" terminal on standard kickless cables offers a solution to premature abrasion wear. In those tough robotic or other severe applications where kickless cables last only days or weeks, consider this solution... replace that 12-foot standard kickless cable with one 3-foot standard kickless cable and one 9-foot kickless cable with the "Forked" terminal on one end. Connect them together and you have a 12-foot length. When abrasion takes its toll, replace only 3-foot length to greatly reduce costs.



Short 300 MCM cable to weld gun

Available in 3/4" and 1 1/16" thickness

Extended terminal for increased clamping area

500/650 MCM cable to weld trans.

- Eliminates bus bar arrangement per 'CPC' standard DWG
- Reduced weight on robot arm
- Concept applicable to GM truck & bus dress-out
- Significant cost savings over 'CPC' standard DWG, using bus bars
- Suitable for Chrysler dress-out concept
- Significant cost savings. Only small cable wears out