

# ERGONOMIC “RATCHET ACTION TOOLS”



The wide range of elecDirect.com® ratchet crimping tools are the finest quality for wiring professionals. Each tool features smooth, ergonomically designed handles for comfort and performance.

The interchangeable die sets crimp a wide variety of terminals of different wire gauges. The precise ratchet action is responsive and only releases when optimum crimping torque is achieved.\* Insist on elecDirect.com for quality and value.



### Flag Terminals

**RAT-FLAG** Crimp all Nylon insulated flag terminals with a single crimp. The double nested die allows crimping of wire gauges:

1. 22-18 AWG (1.25 mm<sup>2</sup>)
2. 16-14 AWG (2 mm<sup>2</sup>)



### PVC Terminals

**RAT-PVC** Crimp all PVC insulated terminals with a single and double crimp. The triple nested die allows crimping of wire gauges:

1. 22-18 AWG (1.25 mm<sup>2</sup>)
2. 16-14 AWG (2 mm<sup>2</sup>)
3. 12-10 AWG (5.5 mm<sup>2</sup>)



(not exactly as shown)

### Ratchet Kit

**RAT-KIT** This kit contains our five most popular crimping die sets. Dies are easily changed with a couple of screws. The RAT-KIT provides quick and flexible crimping alternatives for the wiring professional. Never be caught short on a job because you don't have the right tool!

The RAT-KIT contains the following 5 die sets:

1. Die # D-PVC for PVC insulated terminals (specifications per RAT-PVC above)
2. Die # D-NINS for non-insulated terminals (specifications per RAT-NINS above)
3. Die # D-DISC for disconnect terminals (specifications per RAT-DISC above)
4. Die # D-FER for ferrules (specifications per RAT-FER on next page)
5. Die # D-NYL for nylon insulated terminals (specifications for RAT-NYL above)



Individual tools come in their own carrying case.



### Nylon Terminals

**RAT-NYL** Crimp all Nylon insulated terminals with a double crimp. The first crimp secures the bare wire conductor. The second crimp secures the wire sheath for superior hold in vibration situations. (NOTE: this tool may also be used on PVC insulated terminals). The triple nested die allows crimping of wire gauges:

1. 22-18 AWG (1.25 mm<sup>2</sup>)
2. 16-14 AWG (2 mm<sup>2</sup>)
3. 12-10 AWG (5.5 mm<sup>2</sup>)



### Open Barrel Terminals

**RAT-OPBA** Crimp all Open Barrel non-insulated terminals with a single crimp. These terminals are common in the automotive and appliance industry. The triple nested die allows crimping of wire gauges:

1. 22-18 AWG (1.25 mm<sup>2</sup>)
2. 16-14 AWG (2 mm<sup>2</sup>)
3. 12-10 AWG (5.5 mm<sup>2</sup>)



### Disconnect Terminals

**RAT-DISC** Crimp all Nylon and PVC insulated male or female disconnects (slide terminals) with a single crimp. The triple nested die allows crimping of wire gauges:

1. 22-18 AWG (1.25 mm<sup>2</sup>)
2. 16-14 AWG (2 mm<sup>2</sup>)
3. 12-10 AWG (5.5 mm<sup>2</sup>)



### Non-Insulated Terminals

**RAT-NINS** Crimp all non-insulated terminals with a single crimp. The triple nested die allows crimping of wire gauges:

1. 22-18 AWG (1.25 mm<sup>2</sup>)
2. 16-14 AWG (2 mm<sup>2</sup>)
3. 12-10 AWG (5.5 mm<sup>2</sup>)
4. 8 AWG (8 mm<sup>2</sup>)

\*Note: All terminal manufacturers have their own insulation thicknesses and tolerances. elecDirect.com tools are set to "industry average" specifications. It is the responsibility of all installers to check their crimps for safety. elecDirect.com will not be held responsible for poor crimps for any reason.

# MECHANICAL CRIMPING TOOLS



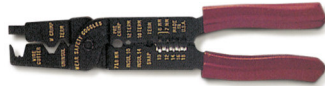
## Copper Lugs & Large Terminals

**LUG-12-4** Crimping copper lugs & non-insulated terminals. Extra long handles with ratchet action. **LUG-12-4-HD** Hex die Crimps wire gauges:

1. 12-10 AWG (6 mm<sup>2</sup>)
2. 8 AWG (10 mm<sup>2</sup>)
3. 6 AWG (16 mm<sup>2</sup>)
4. 4 AWG (25 mm<sup>2</sup>)

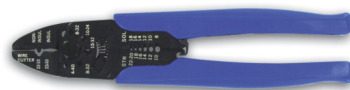
**LUG-8-2-INS** For Insulated terminals #8-#2 AWG

**LUG-8-4-INS** For Heavy Duty non-Insulated terminals #8-#4 AWG



## Heavy-Duty Multi-Purpose Crimper

**761434** Heavy-duty crimping tool, #22-10 AWG. Crimps insulated and non-insulated terminals, spark plug and distributor terminals. Strips wire.



## Economy Crimper/Wire Cutter/Stripper

**HTS-1000**

- Wire cutter
- Crimps insulated terminals
- Bolts cutter
- Crimps non-insulated terminals
- Wire stripper

**HTS-2000** For non-insulated flag terminals 22-10 AWG.



## Crimper/Cutter

**453** Made of high quality forged steel, cushion grip handles, crimps insulated and non-insulated terminals from 22-10 AWG. Complete with extra sharp wire cutter.



## #8-500 MCM Compression Tool

**TDM500** Dieless mechanical compression tool for both copper and aluminum connectors #8-500 MCM. Unique extendible handles provide increased leverage for 250-500 MCM.

Extendible Handles for Improved Leverage



## #8-250 MCM Compression Tool

**TDM250** Dieless mechanical compression tool for both copper connectors #8-250 MCM and aluminum connectors #8-4/0. Unique extendible handles provide increased leverage.

Extendible Handles for Improved Leverage

# FERRULE CRIMPING TOOLS

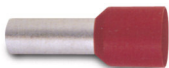


## Ratchet Ferrule Tool

**RAT-FER** Crimp all insulated ferrules with a single crimp and smooth ratchet action. Ferrules turn stranded wire into solid wire. The five nested die allows crimping of wire gauges:

1. 22 AWG (0.5 mm<sup>2</sup>)
2. 20 AWG (0.75 mm<sup>2</sup>)
3. 18 AWG (1.0 mm<sup>2</sup>)
4. 16 AWG (1.5 mm<sup>2</sup>)
5. 14 AWG (2.5 mm<sup>2</sup>)
6. 12 AWG (4.0 mm<sup>2</sup>)

**RAT-FER2** 10-6 AWG and large twin ferrules



Ferrules come in a variety of sizes. See page B-27

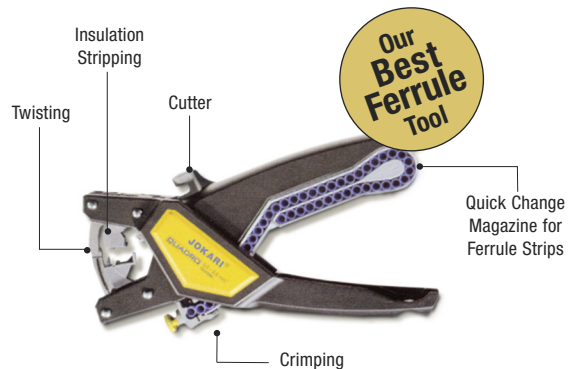
**RAT-FER2XL** 4 & 2 AWG, X-Large twin ferrules



## Spring Plier Ferrule Tool

**SPR-FER** Our most economical ferrule crimping tool. Crimps wire gauges:

1. 20 AWG (0.75 mm<sup>2</sup>)
2. 18 AWG (1.0 mm<sup>2</sup>)
3. 16 AWG (1.5 mm<sup>2</sup>)
4. 14 AWG (2.5 mm<sup>2</sup>)
5. 12 AWG (4.0 mm<sup>2</sup>)
6. 10 AWG (6.0 mm<sup>2</sup>)
7. 8 AWG (10.0 mm<sup>2</sup>)



Our Best Ferrule Tool

## Four Functions

**SPR-JOK** This four function ferrule tool cuts wire, strips, twists and crimps. Ferrule replacement strips available 22-14 AWG.

- FERSTR-22WH** 22 AWG White (50/Strip)
- FERSTR-20GR** 20 AWG Grey (50/Strip)
- FERSTR-18RD** 18 AWG Red (50/Strip)
- FERSTR-16BK** 16 AWG Black (50/Strip)
- FERSTR-14BL** 14 AWG Blue (40/Strip)

Includes: Carrying case and 3x quick change magazines.



