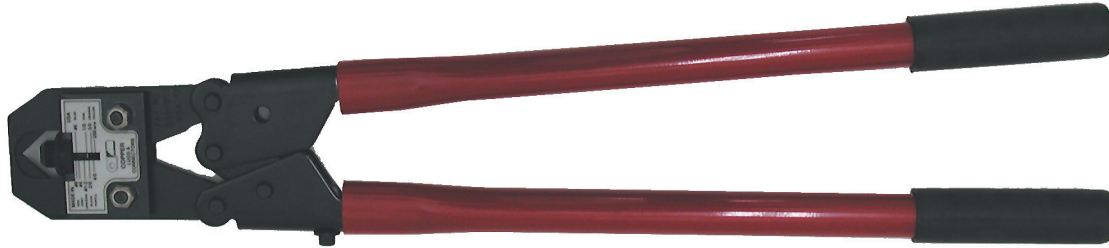


# Dieless Crimping Tools

A **valmont**  COMPANY



SPT1000



SPT15

**Features:** Requires no dies to cover a full range of compression connectors. The rugged toggle action frame easily develops the required swaging force with minimum operator effort.

**Construction:** Hardened and tempered alloy steel jaws. Strong lightweight tubular steel epoxy coated handles.

**Design Criteria:** The patented jaw design quickly adjusts for the proper crimp of all compression connectors in its range. The operator simply turns a knurled nut to position the indicator for each size of terminal.

Part #	Description	Range	Weight
SPT1000	24" Dieless Crimping Tool	8 AWG - 250 MCM	5 lb.
SPT15	15" Dieless Crimping Tool	8 AWG - 2/0	2.5 lb.

## Installation instructions for Adjustable Crimp Tool SP15

### Installation procedure:

1. Strip cable to correct length.
2. Select side of tool regarding the type of connector being installed.
3. Rotate indenter adjuster wheel until pointer lines up with the correct cable size.
4. Insert cable fully into connector.
5. Center connector crimp area in die nest.
6. Complete crimp by closing handles fully. Some connectors may need more than one crimp.

### WARNING

Crimping connectors larger than the stated capacity of the tool will cause damage to the tool.

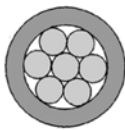
## Adjustment procedure for Adjustable Crimp Tool SP15

### Copper Lug Settings

1. Close tool fully.
2. Turn the indenter adjuster until it lightly grips a Gage pin of diameter  $.405 \pm .010$ .
3. The pointer should be in line with the mark for 1/0.
4. If the pointer is not exactly in line with the size mark, the pointer can be adjusted to line up with the mark.

### Cast Terminal Settings

1. Close tool fully.
2. Turn the indenter adjuster until it lightly grips a Gage pin of diameter  $.420 \pm .010$ .
3. The pointer should be in line with the mark for 2/0.
4. If the pointer is not exactly in line with the size mark, the pointer can be adjusted to line up with the mark.



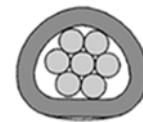
Un-crimped  
Connector



Correct  
crimp



Over crimp  
with flash



Under crimped  
Connector

## Installation instructions for Adjustable Crimp Tool SP1000

### Installation procedure, lugs or connectors:

1. Select copper or aluminum side of tool.
2. Rotate knurled adjusting nut to move pointer in line with connector size being crimped.
3. Open tool handles to enable lug or connector to be correctly positioned in jaws.
4. Close tool handles fully to complete crimp.

### Adjustment procedure for Adjustable Crimp Tool SP1000

1. Open tool fully.
2. Move handles together until jaw tips just touch, measure distance between handles.
3. When properly adjusted, distance between inside edges of grips is  $14'' \pm 1/2''$ .
4. To increase distance, turn adjusting screw clockwise.