



**Huskie
TOOLS®**



LINEMAN PROVEN

UTILITY APPROVED

SINCE 1978

MCP Series Mechanical Crimping Tools

Description

MCP Series are mechanical crimping tools that use permanent die grooves and/or insertable dies. They feature steel jaw construction with spring-loaded, positive lock die retaining buttons. High-strength composite handles provide long tool life and maximum leverage. The over-center cam action ensures proper crimps, provides ease of operation, and allows field adjustability.

MCP-1001 and **MCP-1002** feature two permanent die grooves consisting of either a "BG" or "O" nose die, and "D3" seat die that also accepts insertable "W"-type dies.

MCP-2001 features a "5/8" nose die and insertable die seat for Kearney "O"-type dies. Used with a Kearney "D" die, it will also accommodate insertable "W"-type dies.



Important Safety Information



Read and understand all instructions and safety information in this manual before operating or servicing this tool.



Information provided in this manual is essential for safe handling, operation, and maintenance of these tools.

These tools should only be used in accordance with manufacturer specifications. Other use may lead to serious personal injury or death.

If conflict arises between information in this manual, rules of the user, his/her employer or company, legal and/or industry guidelines; the more stringent rules take precedence and must be followed. Observe and follow all other safety rules and regulations for the job.

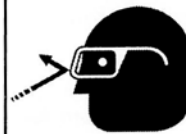
CAUTION

- These tools are intended for two-handed operation. Maintain a firm grip on both handles when using tool.
- Inspect tool before use. If any parts are worn or damaged, remove tool from service for repair or replacement.
- Do not perform any service or maintenance other than as described in this manual.
- Do not exceed the rated capacity of this tool. Failure to observe these precautions may result in injury or property damage.

WARNING



Electric shock hazard: This tool is not insulated. Do not use on live circuits. Contact with live circuits could result in severe injury or death.



Projectile hazard: Wear eye protection when operating or servicing tool. Failure to do so could result in serious eye injury from flying debris.



Pinch point hazard: Tool jaws operate at high speed and force and can cause severe injury. Keep all body parts away from pinch points during operation.



Fall hazard: Do not over-reach while operating this tool. Loss of balance can cause serious personal injury or death. Securely support yourself and your work. Always keep proper footing and balance.



Fire hazard: An incomplete crimp can cause a fire resulting in severe injury or death. Ensure a complete crimp by selecting proper cable and connector combinations.



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Tool Use

These tools are designed to install a wide range of full-tension and non-tension utility distribution connectors typically used on lines, poles, and buildings; including service entrance, streetlight, splices, taps, terminals, stacking lugs, stirrups, and repair sleeves.

For use on:

- Copper taps from #10 solid to #2/0 stranded
- Aluminum/ACSR taps from #14 solid to #4/0 ACSR
- Stirrups from #6 AWG to #4/0 ACSR
- Copper and Aluminum code conductor connectors from #6 AWG to #4/0 stranded
- Overhead full tension dead-end, full and non-tension splices and terminals from #10 stranded to #4/0 ACSR
- 5/8" and .840" service entrance sleeves

Specifications

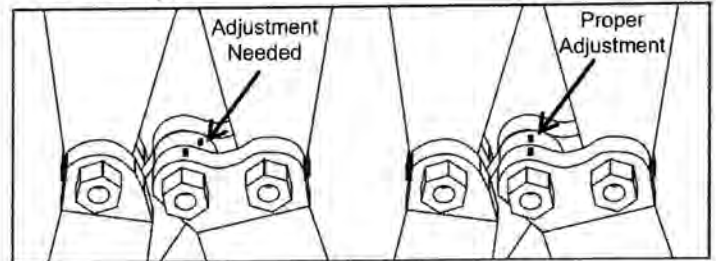
Crimp Force:	9,000 lbs. (4,082 kg)
Weight (tool only):	7 lbs. (3.2 kg)
Length:	25.6 in. (650 mm)

Tool Operation

1. Select the proper die set based on the connector being crimped.
2. Install dies in tool jaws, making certain they are properly secured by the spring-loaded positive lock die pins.
3. Refer to connector specifications for the required number of crimps for proper installation. Check die recommendation chart for compatibility with MD6. If recommended, refer to catalog and chart for number of crimps required for proper installation.
4. Insert conductor into connector, align tool and die on connector. Start crimps in the center working outward for splices and "H" frame connectors. For terminals, start at end nearest the pad.
5. Grip tool near end of handles for maximum leverage and to help minimize arm/shoulder fatigue during use.
6. Operate the tool by closing, and allowing, the handle butt/stop blocks to touch. Normally a "pop" will be heard as the tool goes over center after the crimp is made.
7. Continue crimping the connector until the correct number of crimps have been completed. Work from center to the outer edges for splices and "H" frame connectors, alternating sides, if possible, for the best compression connection.
8. Reposition tool for next crimp, if required. Unless non-bowling dies are used, it is recommended that the tool be rotated 90° for each adjacent crimp on large splice connections.

Inspection and Adjustment

As with any mechanical tool, slight wear may occur over time. Periodic inspection should be performed to ensure proper adjustment. Tools can be inspected and adjusted according to the following procedure:



1. Open tool jaws and remove die inserts if present.
2. Clean any debris and/or corrosion from jaw tips.
3. Slowly close tool until jaw tips just make contact.
DO NOT CLOSE HANDLES/JAWS COMPLETELY!
4. Check red alignment marks on toggle link and frame.
5. If marks align, the tool is in proper adjustment.
6. If marks are not aligned, the tool should be adjusted.
 - Using 1/4" hex key, loosen locking set screw
 - Then turn adjustment set screw clockwise or counterclockwise to align marks.
7. Once aligned, securely tighten locking set screw
8. The tool is now properly adjusted and ready for use.

