



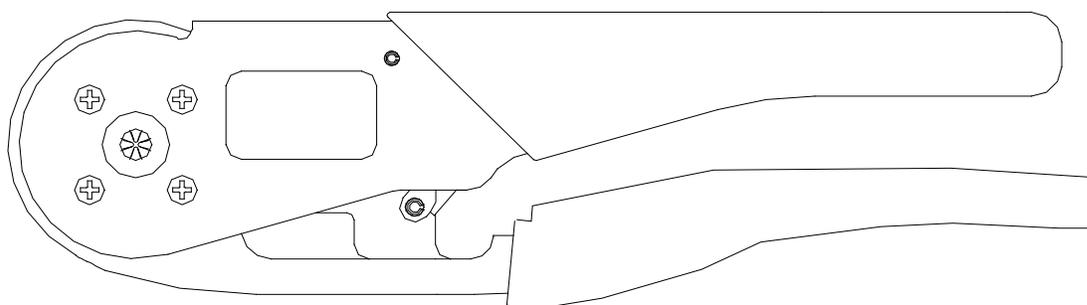
# ASTRO TOOL CORP.

## Your Connection for Aerospace and Medical Tooling

Connector Assembly Tooling for Aerospace and Telecommunication

Ultra Precision Medical Crimping Tools

### Single Purpose Crimp Tool With Locator



#### GENERAL

The Astro Tool Corp. Single Purpose Crimp Tool is a cycle controlled hand crimping tool. It is a fast, versatile, manually operated, octadent tool for crimping contacts with wire barrel sizes 12 thru 20.

The tool is configured for one specific contact and wire range. The crimp dimension is set at the factory and the locator is permanently attached. There are no operator adjustments required. The finished crimp meets the basic performance requirements of M22520.

Tools are available for most applications, consult the factory for your specific needs.

Open and close the tool several times and observe the precision cycle controlled ratchet mechanism. Note that the tool may not be opened or closed without completing the cycle.

For long life and optimum performance, this tool should be handled as any other precision instrument.

## TOOL GAGING

It will be necessary to verify the crimp opening by using gage pins. Select the proper GO gage pin by consulting the name plate on the tool. Close the tool down completely and insert the GO pin into the indenter opening as shown in figure # 1.

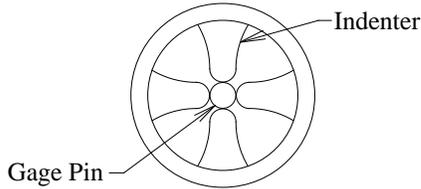


Figure #1

The GO pin should slide freely between the indenter tips.

Select the proper NO-GO pin by consulting the name plate on the tool. Close the tool down completely and insert the NO-GO pin into the indenter opening as shown in figure # 1.

The NO-GO pin must NOT go between the indenter tips.

**CAUTION:  
DO NOT CRIMP GAGE  
TOOL DAMAGE WILL RESULT**

## CRIMPING THE CONTACT

With the tool in the fully open position, insert the contact and the prepared wire through the indenter opening and into the locator. Close the tool until a positive stop is achieved. Release the handles and the tool will return to the fully open position. Remove the crimped assembly.

## **ASTRO TOOL CORP. MANUFACTURERS OF INSERTION, REMOVAL, CRIMP TOOLS AND CONNECTOR SERVICE KITS**

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503-642-9853 • FAX 503-591-7766

## TOOL SERVICE

Astro Tool's Single Purpose Crimp Tools are designed for long, reliable service. If the tool becomes inoperative or does not gage properly, it is suggested that you contact our Customer Service Department for a Return Goods Authorization number and return the tool to our factory.

Upon receipt of the tool, Astro will inspect and overhaul each tool to put the tool back into acceptable and efficient operating condition. Worn parts will be replaced or repaired. Please note that Astro's Quality Control system is traceable to The National Institute of Standards and Technology (N.I.S.T.).

Service charges for tools not under warranty will be advised upon request.

Parts that Astro deems to have been damaged due to neglect, misuse or accident; and parts that have been altered or repaired by persons other than Astro Tool Corp. employees will be replaced subject to additional charge for such parts.