

CRIMP TOOLS FOR MEDICAL AND ELECTRONICS APPLICATIONS

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Standard Microcrimp Tools 612548, 612548-2, 612548SS, 621205



This tool has been especially designed for small increment, close tolerance adjustments.

This cycle controlled tool also features a micrometer type adjusting knob, providing continuously variable adjustments for precise crimp depths.

The **612548** can be adjusted and set at crimp depths ranging from .025-.075 inches, allowing settings to be adjusted within .001 inch.

This tool, using a locator, can crimp most pin and socket contacts #12 and smaller and can crimp wire sizes #12-26 AWG.

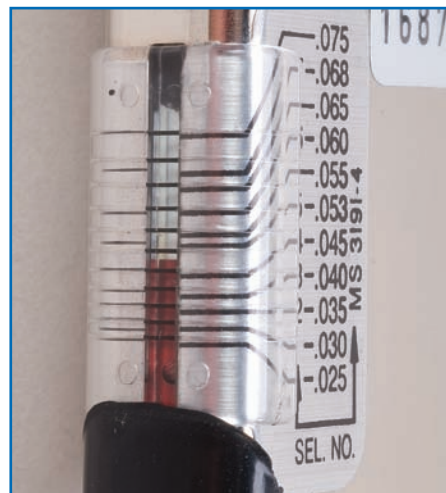
The **612548** tools can be adjusted and set at crimp depths ranging from .025-.075 inches, allowing settings to be adjusted within .001 inch.

The **612548** is 9 inches long and weighs approximately 16 ounces.

Astro offers a version of the **612548**, which is modified to accept M22520/1 and MS3191 style turrets. Order p/n 612548-2.

An adjustable positioner is available for **612548**, P/N 613384.

The **612548SS** has specially hardened indenters for crimping stainless steel applications.



- 8 indent crimp
- Micro adjustable
- Cycle controlled ratchet
- Ejector locator operation
- Adjustable within .001 inch

ASTRO LOCATOR #	SIZE
2421	20
2422	16
2423	12
11570-1	20
	16
7009880	20
7010394	16
7010395	12
3240	20
613327	22
	16
615092	20
615091	16
615090	12

For additional locators consult factory.

Miniature Microcrimp Tools 612118, 612118-1, 612118SS



- 8 indent crimp
- Micro adjustable
- Cycle controlled ratchet
- Ejector locator operation
- Adjustable within .0005 inch

ASTRO LOCATOR #	SIZE
612473	20
612512	20
613325	20
612955	22
612510	20
613194	22
612521	22
613192	22
615759	22
615832	20
615758	22
615834	20
612513	20
614352	22
613117	-

For additional locators consult factory.

The **Astro 612118** conforms to all requirements of MIL-DTL-22520.

This cycle controlled tool features a micrometer type adjusting knob, providing continuously variable adjustment, for precise crimp depths. The **612118** can be adjusted and set at crimp depths ranging from .015-.043 inches, with increment settings of .0005 inch.

This tool can crimp most micro-miniature pin and socket contacts #20 and smaller to wire sizes #20-#30 AWG. For ease of loading sub-miniature contacts, Astro has designed an easy load mechanism that is built into this special line of locators.



The **612118** tool is 7¼ inches long and weighs 11 ounces. Its small size permits crimping in confined areas.

Custom locators are available upon request.

The **612118** is available in a modified version, allowing it to accept M22520/2 and MS3198 style positioners. This version is ordered as part #612118-1.

612118SS has specially hardened indenters for crimping stainless steel applications.

Adjustable positioners for this tool are 612490 & 613408.

The 612118 can be adjusted and set at crimp depths ranging from .015-.043 inches, with increment settings of .0005 inch.

Metric Microcrimp Tool 621205

 **ASTRO TOOL CORP.**
CONNECTOR ASSEMBLY TOOLING



- Cycle controlled
- Micro adjustable
- Adjustable within .0007 inch

Astro's **621205 Metric Microcrimp Tool** is the answer to crimping circular Harting pin and socket contacts. It is a fast, versatile, manually operated, octadent tool for crimping circular pin and socket contacts.

The **621205** provides continuously variable crimp depth adjustment to optimum settings over a range of contact and wire combinations. Although mostly used in Harting applications, the micro adjustable feature allows the customer to select the precise crimp depth no matter the

use and selected need. Locating options are available once need is determined; consult the factory for your specific needs.

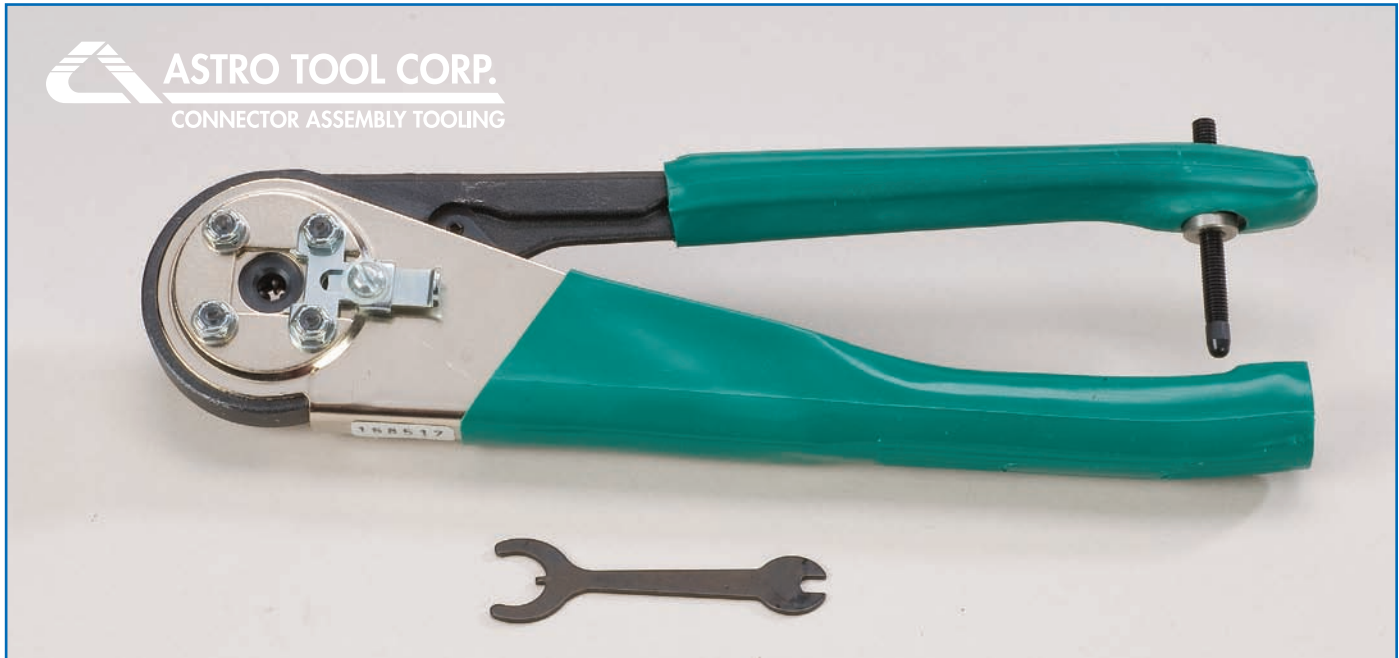
The **621205** is adjustable in a range of 1.0 mm to 2.0 mm. Settings to within .02 mm increments are possible for precision crimping.

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

The **621205** is adjustable in a range of 1.0 mm to 2.0 mm. Settings to within .02 mm increments are possible for precision crimping.



Micro Thread Crimp Tool 615466, 615466-1, 615466-8



- 4 or 8 indent crimp
- Micro thread adjustable
- Cycle controlled ratchet

The **Astro micro-thread adjustable hand crimping tools** are equipped with an adjustable limit screw which controls the proper crimping depth for contact size and wire range. These tools are designed to crimp contact sizes 12 through 20 AWG. Crimp depth is determined by loosening the lock nut and adjusting the limit screw. A gage is used to check for the desired indenter opening. The lock nut is then tightened, locking in the desired depth.

These tools use the same locators as Astro's standard size microcrimp adjustable tool (612548).

The 615466 tool is 9 inches long and weighs approximately 19 ounces.

Astro will design the micro-thread adjustable tool with a variety of locators or indenter types to fit your specific needs. Please consult the factory for further information.