

Minitek® 1.25mm Hand Tool

The FCI Basics' crimping hand tool is professionally designed for applications in the prototyping phase or small production quantities. The hand tool has a mechanism which opens automatically after making the last advance of the ratchet. There are 2 different tools depending on the wire gauge and terminal needed.

These hand tools are dedicated for the Minitek® 1.25mm Crimp-to-Wire product.

Minitek® 1.25mm wire-to-board connector system is designed for a wide variety of applications in Industrial, Automotive, and Consumer markets.

The comprehensive range consists of terminals, crimp housings and PCB headers in straight and right angle, surface mount and through-hole configurations. It is available in 2 to 15 circuits in a single row.

- Minitek® Hand tool P/N:
 - 10168630-001HT (AWG 28-30)
 - 10168631-001HT (AWG 26-28-30)
- Contact P/N:
 - 10114827 to be used with 10168630-001HT
 - 10155245 to be use with 10168631-001HT
- Ergonomic handle for an optimal grip



TARGET MARKETS



Amphenol CS recommends using the hand tool for prototyping and small production quantities. This tool should only be used for the terminals and wire gauges specified in this document. To learn more about how to use our all-in-one Crimping Hand Tool, [click](#) to watch the video.

Hand Tool Assembly

**Minitek® 1.25mm Hand Tool P/N:
10168630-001HT/10168631-001HT**



1
Unlock 2 pins by pushing towards them.



2
Extract the pins.



3
Open the handles and insert the tool head into the open holes. The laser marking of both parts should match.



4
Lock the pins by pushing toward them. Hand Tool is ready to use.



NOTE

Amphenol CS recommends using the hand tool for prototyping and small production quantities only.

Premature Release of the Hand Tool

In case of an assembly mistake / operating fault the pliers can be opened prematurely by unlocking the integrated ratchet by pushing the handles gently together and at the same time releasing the locking lever.

By doing so the handles can be opened completely and the crimp contact can be released.



CAUTION

Do not use the crimped wire in case of a premature release!

Please pay attention that in-correct crimped wires are disposed and not processed.