

Minitek® 1.50mm Hand Tool

The FCI Basics' crimping hand tool is 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.

This hand tool is dedicated for Minitek® 1.50mm Crimp-to-Wire product.

Minitek®1.50mm connector system is the ideal solution for devices that require connectors with robust features and the ability to carry more signal lines in less space. It is designed with a positive locking system and 'audible click' for secure mating retention.

Minitek® 1.50mm solution includes terminals, crimp housings and PCB headers in right angle and vertical surface mount configurations in a single row design and is available from 2 to 15 circuits

- Minitek® Hand tool P/N: 10168632-001HT (AWG 24-26-28)
- Contact P/N:
 - 10135176-001LF
- Ergonomic handle for an optimal grip



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® 1.50mm Hand Tool P/N: 10168632-001HT



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.