Minitek® 2.00mm Hand Tool

PROFESSIONAL, FAST & ROBUST HAND TOOL

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 needed.

These hand tools are dedicated for the Minitek® 2.00mm Crimp-to-Wire product.

Minitek® is the most complete Modular Connector System, available in through-hole, surface-mount or pin-in-paste. Minitek® comes in single and double rows, straight or right-angle orientation, shrouded or unshrouded with 2 to 50 positions.

Minitek® 2,00mm pitch offers 38% board space reduction compared to 2.54mm systems

TARGET MARKETS

- Minitek® 2.00mm Hand tool P/N:
  - 10161577-001 – AWG 22-24
  - 10161576-001 – AWG 26-30
- Contact (base part number):
  - 10044403 to be used with 10161577-001
  - 77138 to be used with 10161576-001
- Ergonomic handle for an optimal grip

Amphenol 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® 2.00mm Hand Tool
P/N : 10161577-001 & 10161576-001

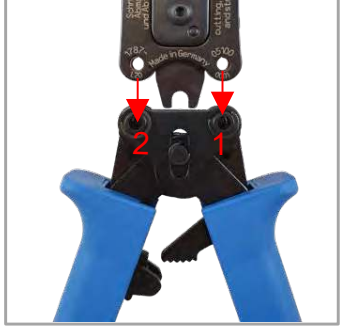
1

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 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.

5

6

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.