

## Minitek MicroSpace™ Hand Tool

FCi Basics hand tools are professional tools designed to meet the customer's needs in the prototyping and small production phase.

The hand tool has a convenient ratchet mechanism, which opens automatically after making the last advance of the ratchet and combines 4 different crimping cavities together in a single tool.

All crimps with one tool!

This hand tool is dedicated for the Minitek MicroSpace™ Crimp-to-Wire product.

The connector platform's unique design enables LV214 Severity-2 and performs at 1.80mm, 1.50mm and 1.27mm pitch.

Minitek MicroSpace™ will be available in single and double row versions, with top or side latch configurations.

- MicroSpace™ Hand tool Terminal Positioning Assurance (TPA)
- P/N: 10161117-001
- 4 different crimp cavities in one product
- AWG sizes: 22 – 24 – 26 – 28
- Contact (base part number): 10141272; 10148496; 10144183
- Ergonomic handle for an optimal grip

Amphenol ICC recommends using the hand tool for prototyping and small production series.

This tool should only be used for the terminals and wire gauges specified on this document.

[Click](#) to watch our user manual video to learn more on crimping tools



## Hand Tool Assembly

### Minitek MicroSpace™ Hand Tool P/N 10161117-001



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 ICC recommends to use the hand tool for prototyping and small production series 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.**

