

GB HARTING Crimp Tool 09 99 000 0110

Instructions for use



**HARTING Crimp Tool
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09 99 000 0110 / 99.00

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Handling Instructions HARTING Crimp Tool 09 99 000 0110

The HARTING Crimp tool 09 99 000 0110 is designed to crimp solid turned HARTING Han D®, Han E®, Han® C and Han-Yellock® male and female contacts, wire gauge 0.14 - 4 mm² (AWG 26 - AWG 12). The crimp tool is equipped with a mounted multi-functional locator. By turning the locator the specified Han® contact can be chosen.

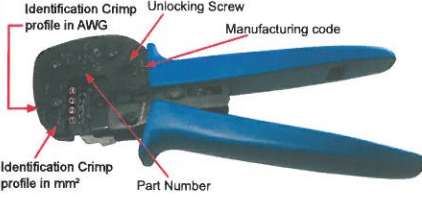
Products included with tool:

- HARTING Crimp Tool (inclusive mounted locator)
- Instructions for use

The following crimp contacts / wire gauge sizes can be handled.

Series	Wire gauge (mm²)	Wire gauge (AWG)	Stripping length (mm)
Han D®	0.14 - 1.5	AWG 26 - 16	8.0
Han E®	0.5 - 2.5	AWG 20 - 14	7.5
Han® C	1.5 - 4.0	AWG 16 - 12	9.5
Han-Yellock®	0.5 - 2.5	AWG 20 - 14	6.5

Identification



Identification Crimp profile in AWG
Unlocking Screw
Manufacturing code
Identification Crimp profile in mm²
Part Number

Crimp profiles:

- ① 0.14 - 1 mm² (AWG 26 - 18) Han D®, Han E®, Han-Yellock®
- ② 1.5 mm² (AWG 16) Han D®, Han E®, Han® C, Han-Yellock®
- ③ 2.5 mm² (AWG 14) Han E®, Han® C, Han-Yellock®
- ④ 4.0 mm² (AWG 12) Han E®, Han® C, Han-Yellock®

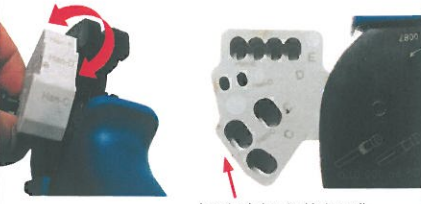
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Locator

The locator ensures that the crimp contact is terminated in the proper position (crimp zone).

The moveable multi-functional locator has several markings which are the indicators for the relevant Han® contact type. Depending on which contact type to be terminated it can be turned to the designated position.




Locator (crimp tool is turned)

Crimp Process

1.) Turn the locator to the designated position and insert the crimp contact into the correct cavity until it comes to a stop within the locator.

Start the crimping process by gently pressing the handles of the crimp tool, this will grip the contact firmly before insertion of the wire.

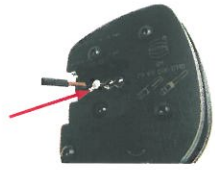

- ① Wire gauge 0.14 - 1 mm² (AWG 26 - 18) Han D®, Han E®, Han-Yellock®
- ② Wire gauge 1.5 mm² (AWG 16) Han D®, Han E®, Han® C, Han-Yellock®
- ③ Wire gauge 2.5 mm² (AWG 14) Han E®, Han® C, Han-Yellock®
- ④ Wire gauge 4.0 mm² (AWG 12) Han E®, Han® C, Han-Yellock®




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2.) Insert the stripped wire into the contact and crimp by closing the handles until the controlled cycle mechanism release.

3.) Upon release, the handles will open automatically and the crimped contact can be removed.



It is recommended to check the quality visually after every crimp process.

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Ratchet Mechanism:

In order to ensure a consistent crimp quality, the tool is equipped with a releaseable safety catch.

- It prevents the tool from closing before the crimping jaws are fully opened
- It prevents the tool from opening before the crimp cycle mechanism and release the tool.

Early Release:

In case of an operating error it is possible to stop the controlled cycle mechanism and open the tool

Proceed as follows:

- Relieve ratchet
- Turn the unlocking screw (located above the manufacturing code) left or right until the crimp tool releases the contact.

In case of an incorrect crimp insertion the damage to the crimp jaws be prevented

HINT:
Do not use force to open or close the tool;
lubricate all pins, pivot points and bearing surfaces!

Tensile strength of crimped connections acc. DIN IEC 60 352-2, A2

Wire gauge	Tensile strength	Han® Contact
mm²	AWG	N
0.14	26	18
0.22	24	28
0.25		32
0.32	22	40
0.50	20	60
0.75		85
0.82	18	90
1.00		108
1.30	16	135
1.50		150
2.10	14	200
2.50		230
3.30	12	275
4.00		310


When using HARTING crimp tool and subject to the use in an approved manner the tool will comply with the required extraction force acc. to DIN IEC 60 352-2, A2.

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Accessories:

Identification	Part Number
Spare Locator for D/E/C contacts	09 99 000 0376
Han-Yellock® Locator	09 99 000 0341



Pushing Performance

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