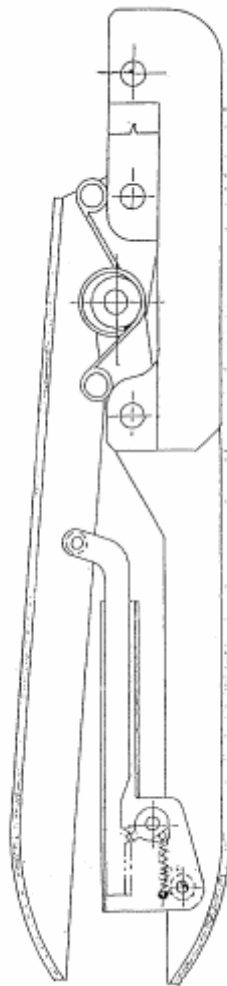
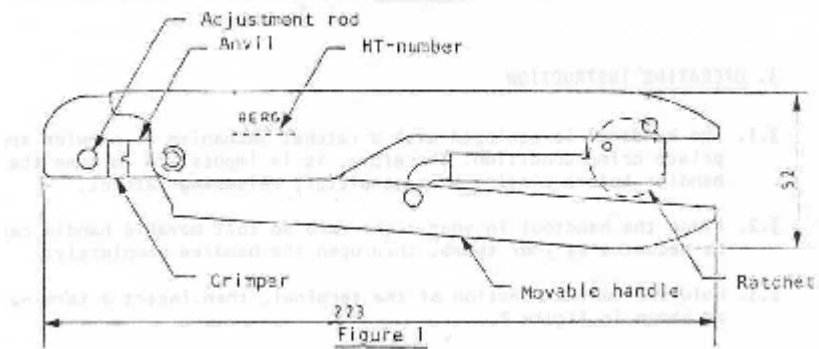


HT129- HT130
Handpistol Relimate
AWG 22-26
User's Guide



1. General

This manual describes the operation and maintenance of Föhrenbachs handtool HT129 and HT130, which are designed to crimp Relimate terminals on the specified wire. Please read this manual before using the handtool.



2. Terminal and applicable wire range

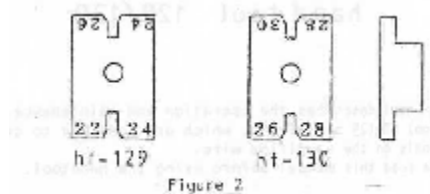
2.1 Partnumber and applicable wire range are listed in Table 1. The crimper has two crimp sections at the both ends (see figure 2) and applicable wire size is indicated next to the crimp sections. The crimper can be interchanged after pulling out adjustment rod shown in figure 1.

2.2 Wire stripping

Make sure stripped length of the wire is in the range of 1.8 to 2.3 mm. Be careful not to make cuts or nicks in the strands during the stripping operation.

Terminal p/n (loose piece)	Handtool p/n	Wire range mm ² (AWG)	Insulation diameter mm	Crimp height mm
76806-001	HT129	0.3 – 0.2 (22-24)	1.35 – 1.7	0.74 ± 0.05
		0.2 – 0.13 (24-26)	1.2 – 1.55	0.68 ± 0.05
76807-001	HT130	0.13 – 0.08 (26-28)	1.1 – 1.4	0.57 ± 0.05
		0.08 – 0.05 (28-30)		0.54 ± 0.05

Table 1



3. Operation instruction

- 3.1 The hand tool is equipped with a ratchet mechanism to provide appropriate crimp condition. Therefore, it is impossible to open the handles before closing them completely releasing ratchet.
- 3.2 Place the hand tool in your right hand so that movable handle can be actuated by you thumb, then open the handles completely.
- 3.3 Hold the contact section of the terminal, then insert a terminal as shown in figure 3.
- 3.4 Close the handles gradually until the terminal is held between the crimper and anvil. During this operation the terminal should be relocated so that the end of the contact section touches the crimper (see figure 3)
- 3.5 Place a stripped wire into the wire barrel so that insulation of the wire touches the crimper or the wire barrel. Note if each of the strands is dispersed, it sometimes causes strands to be left out of the barrel after crimp operation finishes, resulting in crimp failure.
- 3.6 Close the handles completely until the ratchet is released.
- 3.7 Finally take the crimped terminal out of the hand tool.

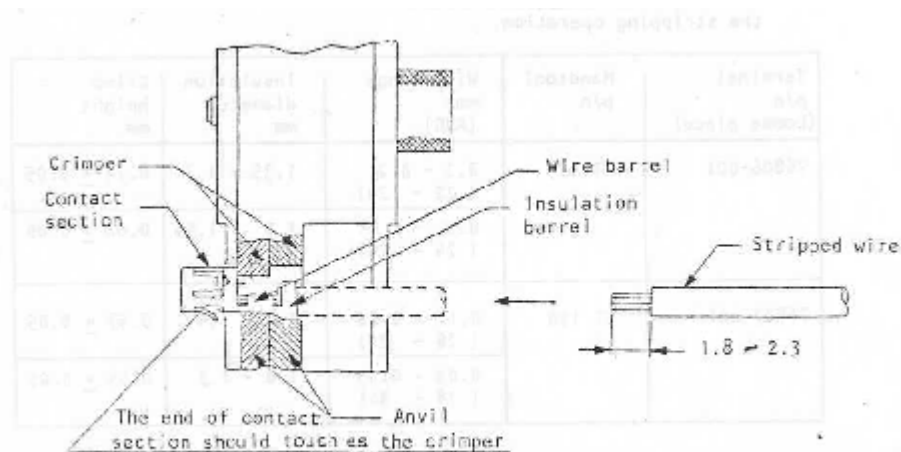


Figure 3

4. Maintenance and precaution

To use the hand tool without any trouble for extended time, observe following:

4.1 Don't drop or use the hand tool as a hammer!

4.2 After use of the hand tool, always clean and lubricate the crimper and anvil to prevent rust built-up, and keep the handles close to avoid foreign particles in the crimp sections.

5. Contact

Föhrenbach Application Tooling N.V.
Krijgsbaan 128
2640 Mortsel
Belgium

Tel.: +32 3 216 19 98

Fax: +32 3 216 15 07

URL: www.foehrenbach.be

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