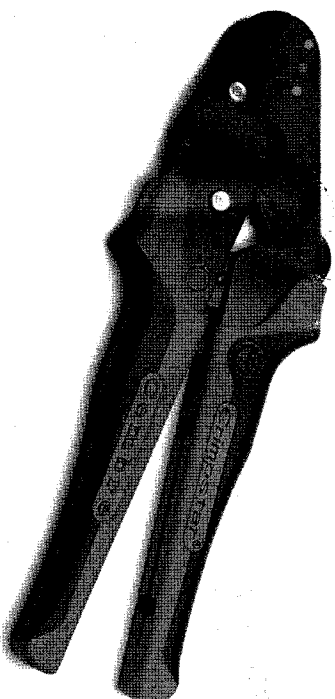




CEMBRE

MECHANICAL HAND TOOL
PINCE MECANIQUE MANUELLE
MECHANISCHE HANDZANGE
HERAMIENTA MECANICA MANUAL
UTENSILE MECCANICO MANUALE

HP1



Crimpstar



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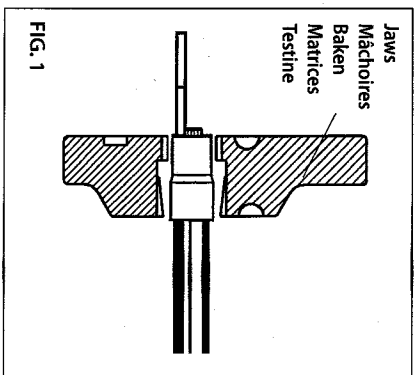


FIG. 1

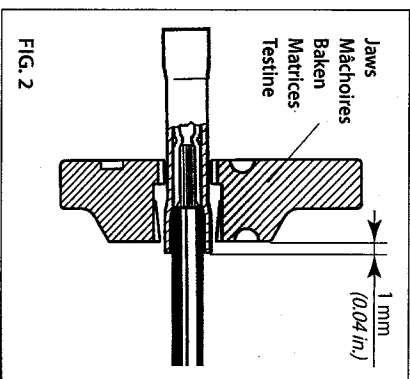


FIG. 2

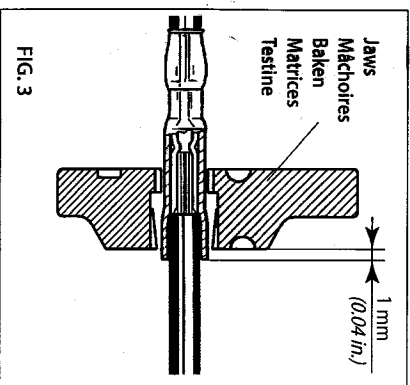


FIG. 3

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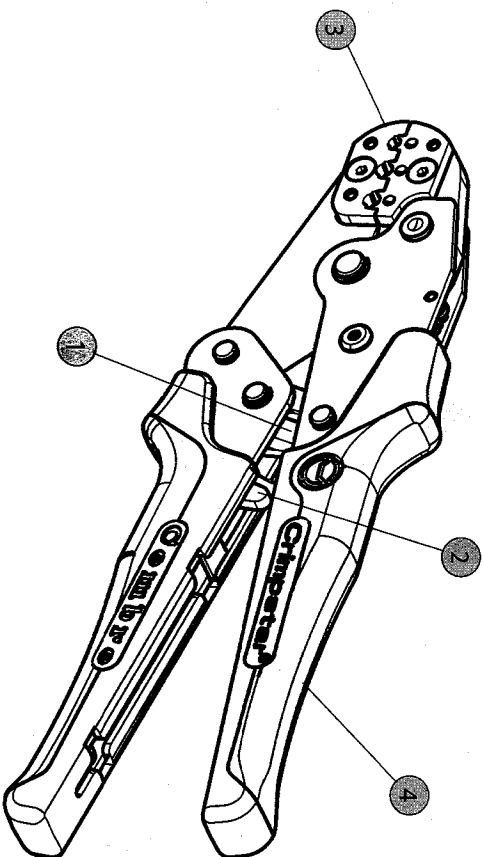
Schaumburg, IL 60173



- Before using the tool, carefully read the instructions in this manual.
- Avant d'utiliser cet outil, lire attentivement les instructions de cette notice.
- Vor Inbetriebnahme unbedingt die Bedienungsanleitung durchlesen.
- Antes de utilizar la herramienta, leer atentamente las instrucciones contenidas en este manual.
- Prima di utilizzare l'utensile, leggere attentamente le istruzioni contenute in questo manuale.



- **ELECTRIC RISK:** do not use this tool on live cables.
- **RISQUE ELECTRIQUE:** ne pas utiliser l'outil sur des conducteurs sous tension.
- **ELEKTRISCHE GEFAHR:** Das Werkzeug ist nicht zum Arbeiten unter Spannung geeignet.
- **RIESGO ELÉCTRICO:** no utilizar el utensilio sobre conductores en tensión.
- **RISCHIO ELETTRICO:** non utilizzare l'utensile su conduttori in tensione.



1. GENERAL CHARACTERISTICS

- Application range: the tool is suitable for compression of insulated crimp connectors for cables from 0.2 to 2.5 mm² (24 to 14 AWG)
- Dimensions: length 235 mm (9.2 in.)
width 78 mm (3.1 in.)
- Weight: 0.5 kg (1.1 lbs)
- 1 Ratchet controlled mechanism, for a consistent crimping operation.
- 2 Emergency release. The jaws can be released at any stage of the crimping operation.
- 3 High precision investment cast jaws, manufactured from specially treated steel.
- 4 Specially treated steel handles, covered with ergonomically designed plastic grips.

2. INSTRUCTIONS FOR USE

- Strip the cable insulation, to expose a length of conductor as recommended in TABLE 1, taking care not to damage or cut any of the strands.
- Open the tool by fully closing the handles, until automatically released.

For terminals:

Insert the terminal in the appropriate crimp aperture, identified by the same colour code as the insulation sleeve. Position the terminal, by aligning the front end of the barrel with the edge of the jaw (see Fig. 1). Close the handles until the terminal is lightly held between the jaws.

For through connectors:

Insert the connector in the appropriate crimp aperture, identified by the same colour code as the insulation sleeve. The insulation sleeve must protrude 1mm (0.04 in.) from the edge of the jaw (see Fig. 2). Close the handles until the connector is lightly held between the jaws.

- Insert the stripped cable into the barrel of the connector.
- Crimp the connector by fully closing the tool handles. The handles will automatically release after completion of the crimp.
- Remove the crimped connector and visually check that the "COMPRESSION CODE" impressed on the insulation, corresponds to the correct choice of tool (see Table 1).
- For through connectors repeat this crimping sequence for the opposite end (see Fig. 3).

TABLE 1:

Connector insulation colour	Conductor section mm ² (AWG)	Compression code	Cable strip length mm (inches)	
			for terminals	for through connector
green	0.2 ÷ 0.5 (24 ÷ 20)	no dots	6.5 ÷ 7 (0.25 ÷ 0.27)	
red	0.25 ÷ 1.5 (22 ÷ 16)	1 dot	5 ÷ 6 (0.19 ÷ 0.23)	7 ÷ 8 (0.27 ÷ 0.31)
blue	1.5 ÷ 2.5 (16 ÷ 14)	2 dots	5 ÷ 6 (0.19 ÷ 0.23)	7 ÷ 8 (0.27 ÷ 0.31)

3. MAINTENANCE

- Before use, check that there are no traces of dust or dirt, especially in the crimping zone.
- Regularly lubricate the moving parts and pivot pins with a few drops of oil.
- Only use the tool for operations described in this manual.
- After use, replace the tool in the cardboard carton.
- In case of tool service or tool malfunction, please contact our area agent for advice.