INSTRUCTIONS FOR USAGE AND MAINTENANCE OF THE CRIMPING HANDTOOL 2980019-01

To obtain the best crimping results, trouble-free function and long lifetime of the tool, please follow further instructio usage and maintenance.

Terminating procedure

After cable and microplug have been prepared, open handtool and insert microplug assembly into the opening of the die set (as shown on Fig.3.) until plugs´ locking tab (A) snaps into place. Check if microplug is properly positioned in the die set and slowly close the tool completely until ratchet mechanism is released. Press locking tab (A) on the microplug and remove crimped connection from the die set.
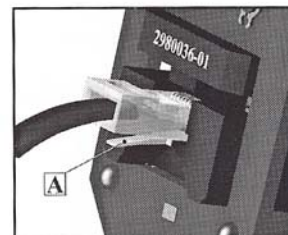
Fig.3.

Should the handtool become blocked during the work due to faulty crimp or because of presence of an foreign in the tools' mechanism, the obstruction must be removed before the work with the tool is resumed by performi following actions:

- On smaller handle locate the lever A (Fig.4.) for releasing the tool actuating mechanism. Pushing the relea lever in direction as shown on the Fig.5. will result in opening of the handles and the crimping dies. Therea any existing obstruction that caused the blocking of the tool can be removed.
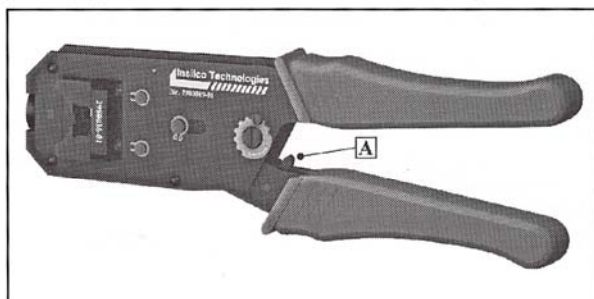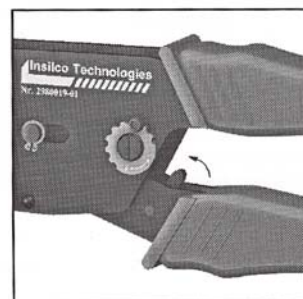
Fig. 4.   Fig. 5.

Although tools' lever system allows user to exert very high forces, forcing the tool by any means into closed po by applying very large force onto handles is to be **strictly avoided** as it may cause irreparable damage to crim dies and/or to handtool itself.

Tool regulation procedure

After prolonged work period, tool crimping performance can change slightly due to final self-adjustment of the t components. That is why handtool is equipped with eccentric axle which allows periodical adjustment of the cri force and tool recalibration to maintain correct crimp performance.

1. Loosen and remove allen head screw (A) using a 2.5 mm allen wrench. (Fig.6.)
2. Using a screw driver turn eccentric axle (B) and toothed adjustment wheel (C) into new position.

   direction + for enlarging crimping force and reducing gap between crimping dies

   direction − for reducing crimping force and enlarging gap between crimping dies
3. Reinstall allen head screw (A) and tighten it.
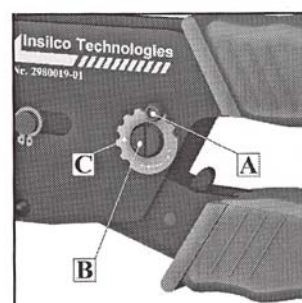
Fig. 6.

General remarks

- Crimping handtool 2980019-01 with corresponding die sets is intended for crimping of modular microplugs. Usi handtool for any other purpose or for crimping any other elements can result in damaging the tool and the elem being crimped and prevention of its normal further functioning for what manufacturer cannot be held responsibl
- For removal of dust, moisture and other contaminants usage of clean brush or soft, lint-free cloth is recommenc not use agressive agents (thinner, alcohol,...) or hard objects that could damage the tool.
- Make sure that during the work bearing surfaces, shafts and pivot points are protected with thin coat of quality machine or motor oil. Do **not** oil excessively.
- When the tool is not in use, store it in a closed position – with handles closed. That will keep other objects from becoming stuck between crimping dies and damaging them. Keep the tool in dry, clean area.

PROFESSIONAL CRIMPING HANDTOOL FOR MODULAR PLUGS

(Ordering Number 2980019-01)

Crimping handtool 2980019-01 is intended for crimping of variety of modular plugs. For that purpose, individual di sets are available for crimping of corresponding type of microplugs.

Die sets for handtool 2980019-01

Die set number	For crimping of	L × W × H [mm]	Weight [g]
2980020-01	shielded 8P microplugs	32×22×28	100
2980037-01	shielded 10P microplugs	32×22×28	100
2980021-01	shielded 8P microplugs and ferrule	32×25×28	100
2980024-01	unshielded 4P microplugs	32×22×28	100
2980026-01	unshielded 6P microplugs	32×22×28	100
2980025-01	unshielded 6MMJ/DEC microplugs	32×22×28	100
2980036-01	unshielded 8P microplugs	32×22×28	100
2980038-01	unshielded 10P microplugs	32×22×28	100
2980039-01	8P USTP CAT5 & CAT6 microplugs	32×22×28	100

NOTE: Handtool and die-sets are sold separately.(Additional die sets are available on request.)

Description

Crimping handtool 2980019-01 with corresponding interchangeable die sets made of hardened tooling steel is intended for universal use in the field as well as for small and medium assemblies.
Handtool is equipped with full cycle ratchet mechanism which with optimized leverage system within the tools make working with these tools easy and simple. In case of improper crimp, ratchet release mechanism allows you to easily open the handtool and remove obstruction before work is continued.
Tool itself also incorporates possibility of periodical adjustment of the crimping force and tool recalibration via eccentri axle to maintain correct crimp performance.

Crimping handtool 2980019-01	Length [mm]	Width [mm]	Weight [g]
	220	62	550

Die set selection and instalation

With die sets **only** microplugs of **appropriate type** must be used. Crimping microplugs of unsuitable type may result with unsatisfactory characteristics of crimped connections and eventually with damaging of the tools and is to be strictly avoided. Prior to crimping, please check the alignment of the microplug to the die set Check the alignment of contact crimp comb with contacts (A) and primary (C) and secondary (B) strain relief (if any).
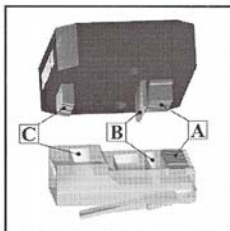

Fig.1.

*Note: Fig.1. represents unshielded 8P microplug and corresponding part of die-set. Shielded microplugs lack primary (C) and secondary (B) strain relief booth and unshielded CAT5 plugs lack secondary (B) strain relief booth. Choose die-sets correspondingly.

Failing to do so will damage microplugs and possibly die-sets as well.

To install the die set, unscrew die set locking screw - B, then fully open handles of the handtool. Squeeze the die set - A slightly, position it as shown on the picture Fig.2. and insert it into the foreseen slot on the handtool. After making sure that it is correctly aligned with the handtool, tighten locking screw – B to prevent die set from falling out of its position and check if handtool opens and closes with no difficulties.
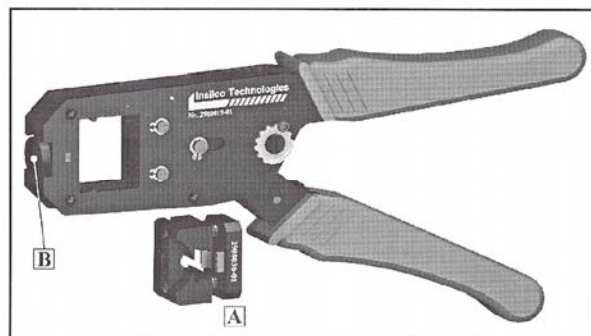

Fig.2.