



TOOLCRAFT

GB OPERATING INSTRUCTIONS

Set of crimp pliers, 7 parts

Version 02/13

Item no. 81 86 45

Intended use

The crimp pliers are intended for the crimping of crimp-type connectors that are suitable for this purpose. The replaceable inserts included provide different options for the use and application of the product.

Please read these operating instructions carefully to ensure safe use and operation of the product. Keep these operating instructions in a safe place for future reference. Always observe the safety instructions and all other information included in these operating instructions.

Any use other than that described above is not permitted and can lead to damage of this product; this can also lead to danger for the user.

This product complies with the applicable national and European requirements. All names of companies and products are the trademarks of the respective owners. All rights reserved.

Package Contents

- Crimp pliers
- 6 replaceable insert pairs (one of which is already inserted into the crimp pliers)
- Storage/transport case
- Operating instructions

Safety Instructions



The warranty will be void in the event of damage caused by failure to observe these safety instructions! We do not assume any liability for any resulting damage!

We shall not accept liability for damage to property or personal injury caused by incorrect handling or non-compliance with the safety instructions! In such cases, the warranty will be null and void.

- For safety reasons, any unauthorised conversion and/or modification to the product is not permitted.
- The product is not a toy and it should be kept out of the reach of children.
- Check the product for any damage before using it. If you notice any damage, do not use the product any longer.
- When using the product, observe the safety and accident prevention regulations applicable in your country.
- Do not use any lever extension (to reinforce the crimping effect of the crimp pliers). This will lead to the damage of the product. Furthermore, there is a risk of injury.

The crimp pliers may be used only for crimping of suitable crimp-type connectors and must not be used to unscrew nuts, screws or bolts.

Never use the crimp pliers as a striking tool, this will destroy it.

- During operation or storage of the crimp pliers, protect it from humidity, dust and dirt, oil or chemicals. Also never drop the crimp pliers; they will become damaged and unusable.

To protect the product, use the storage/transport case provided.

- In schools, educational centres, hobby and self-help workshops, the use of the product is to be supervised by trained employees in a responsible manner.
- Do not leave the packaging material carelessly lying around, since it could become a dangerous plaything for children.
- If you are in doubt about how to use the device correctly, or have any questions not covered by these operating instructions, please contact our technical support or another specialist.

Controls



- 1 Handles with integrated mechanism for the transmission and automatic lock
- 2 Release lever to release the automatic lock after an incorrect crimping
- 3 Toothed wheel to adjust the torque (with locking screw)
- 4 Insert pair

Replacing the insert pairs

The package includes a total of 6 insert pairs. Both parts of the insert pairs are labelled with "E1" to "E6".

To remove an insert pair from the crimp pliers, open the crimp pliers and then simply pull the two parts forward and out. Afterwards, insert the other desired insert pair fully into the crimp pliers.



Pay attention that you always insert the two matching parts of an insert pair into the crimp pliers (which have the same labelling, e.g. "E1"). Otherwise, you won't be able to carry out the crimping correctly, and you run the risk of damaging the crimp pliers or the inserts.

Crimping process

Depending on the available crimp-type connector, select the suitable insert pair for the crimp pliers and insert the crimp-type connector into the correct opening.

Press the handles (1) of the crimp pliers firmly together. The transmission mechanism in the handle causes an increase of the torque.

If the torque selected via the toothed wheel (3) is attained, the forced lock and thus the handles are automatically released and the crimp-type connector can be removed.

Adjusting the torque

First, unscrew the locking screw of the toothed wheel (3) completely. In this process, the crimp pliers must not be pressed together; rather, the handles have to be fully open.

Move the toothed wheel in the "-" direction to decrease the torque or in the "+" direction to increase the torque.

Secure the toothed wheel (3) again with the screw that you unscrewed at the beginning (under the toothed wheel there are two threads (see circle in the image to the right) which enable the adjustment of the torque in a total of 12 stages).



Releasing the automatic lock via the release lever

In the event of a wrong crimping, the automatic lock of the crimp pliers can be released before completing the process by moving the release lever (2) with e.g. a screw driver in direction of the front side (inserts).

Afterwards, the handles can be moved apart and you can remove the faulty crimp-type connector.

Maintenance and Cleaning

The product does not require any maintenance and should never be disassembled for any reason. Servicing or repair may be carried out only by a specialist.

Cclean the product only with a soft, clean, dry cloth.

Technical Data

Dimensions.....	225 x 67 x 21 mm (L x W x H with insert)
Weight approx.	500 g (with insert)
Torque adjustment.....	yes, in 12 stages

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