



Crimptool HZ100

The Crimptool HZ100 is specially designed for processing the original Inotec Crimpflange system with the crimp dies CB-xxx(T). Tool and jaws are made of high-strength steel. The linear stroke, the rotatable upper Crimp die and the self-releasing ratchet mechanism make it especially suitable for a process-reliable field assembly.

Please note before and while processing:

- The tool is exclusively designed for use with Inotec crimp dies CB-xxx(T)*, crimp ferrules CH-x/x** and crimp flanges CF100-x/x**, CF300-x/x** or CF400-x/x** according to the latest version of the cable specific crimp data sheet provided by Inotec.
- Always make sure that the data sheet with the appropriate assembly procedure is also on hand. (e. g. KV0001 for the standard assembly procedure).
- Inotec electronics does not assume any liability in case of inappropriate use of the HZ100 or assembly of crimp components of other manufacturers.

Installation / replacement of crimp dies:

- Open the tool completely.
- Use the supplied hexagon key SW 2,5 to remove screws **1** and **2** (incl. washers).
- Push out the bolts as far as required to remove the crimp dies.
- Position the new dies as illustrated.
- Push the bolts back into their original position.
- Fix washer and screws (fastening torque ~0,6 Nm=„hand-tight“).

Operating the HZ100:

- Swing out upper crimp die **a** as illustrated.
- Insert cable with crimp flange and ferrule between crimp die **a** and **b**, crimp die **a** swings back into the operating position.
- Press handles firmly together until a stop is reached (slightly audible „click“).
- Tool will release automatically when crimp process is completed.
- Remove crimped cable (swing out crimp die **a**).

Functional test:

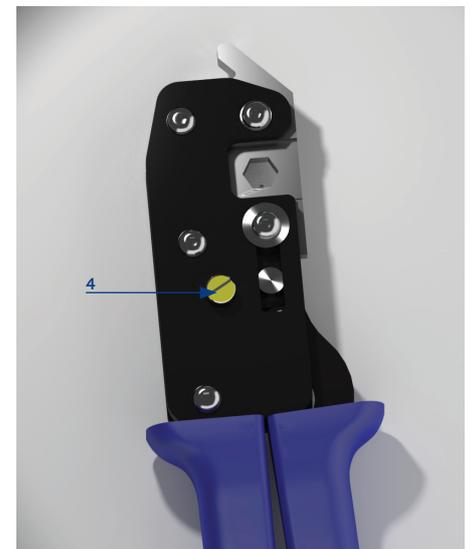
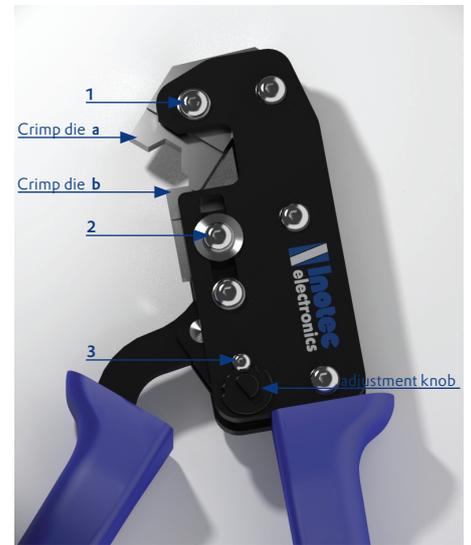
- When the crimp tool is closed, the dies should be in contact without visible gap.
- Closing the tool, an increasing resistance should be perceived until end position is reached and the tool releases automatically.
- High manual force required for automatic release
 - ⇒ Reduce spring tension (turn **adjustment knob** counterclockwise).
- Minimal manual force or uncontrolled release of the tool
 - ⇒ Increase spring tension (turn **adjustment knob** clockwise).

Adjusting the release force:

- Remove locking-screw **3** with the supplied hexagon key SW 2.
- Turn **adjustment knob** counterclockwise or clockwise (max. 1 click-stop position, then renew functional test).
- Fix **adjustment knob** in the new Position with locking-screw **3**.

Unlocking of the tool:

- Tool may lock before reaching the release-position (e. g. if tool is closed while upper die is in swing-out position).
- Unlock the tool by slightly turning the spring-release knob **4** counterclockwise.



Final inspection approval:

Tool Number: _____ Tested and approved: _____ (date, name, signature)

* xxx = wrench size in 1/10 mm, „T“ = identifies diesets with trapezoidal indent

** Inner-/outer diameter of flanges and ferrules.