



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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### 3. Unblocking the tool

- ❑ **IMPORTANT: Apply working force on the tool handles while unblocking. It will prevent hurting yourself and possible damages to the tool.**
- ❑ Using small screwdriver or similar tool, push the ratchet relief (A), located inside the moving handle, ( Fig. 7.) in direction as shown to unblock the tool, and remove obstruction before continuing with the work.
- ❑ With this tool **only** microplugs of **appropriate type** have to 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.

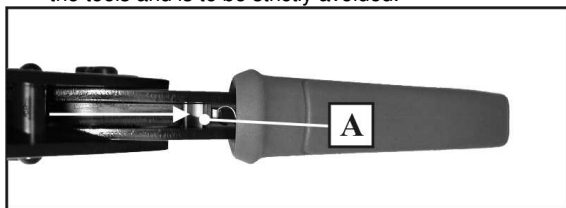


Fig.6.

### 4. Tool regulation procedure

- ❑ After prolonged work period, tool crimping performance can change slightly due to final self-adjustment of the tools' components. This handtool is equipped with eccentric axle which allows periodical adjustment of crimping 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.8.)
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.

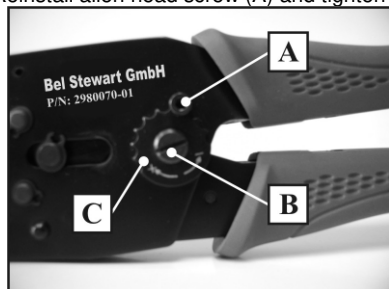


Fig.7.

### 4. Maintenance and general remarks

- ❑ Crimping handtool 298007x-01 is intended to be used for crimping of **SS-39200-0xx** modular plugs. Using this handtool for any other purpose, or for crimping of any other objects, can result in damaging the tool and the objects being crimped and prevention of its normal further functioning, for what manufacturer cannot be held responsible.
- ❑ 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. Check unblocking procedure (item 3.).
- ❑ Tool itself also incorporates possibility of periodical adjustment of the crimping force and tool recalibration via eccentric axle to maintain correct crimp performance. Check tool regulation procedure (item 4.).
- ❑ For removal of dust, moisture and other contaminants usage of clean brush or soft, lint-free cloth is recommended. Do not use aggressive 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 a dry and clean area.
- ❑ Use only original spare parts.

### **ordering numbers:**

2980070-01 – compl. tool for (5,5-6 mm) OD\*  
2980075-01 – compl. tool for (6,1-6,6 mm) OD\*  
2980078-01 – compl. tool for (6,8-7,5 mm) OD\*

2980071-01 – compl. die-set for (5,5- 6 mm) OD\*  
2980076-01 – compl. die-set for (6,1- 6,6 mm) OD\*  
2980073-01 – compl. die-set for (6,8 -7,5 mm) OD\*

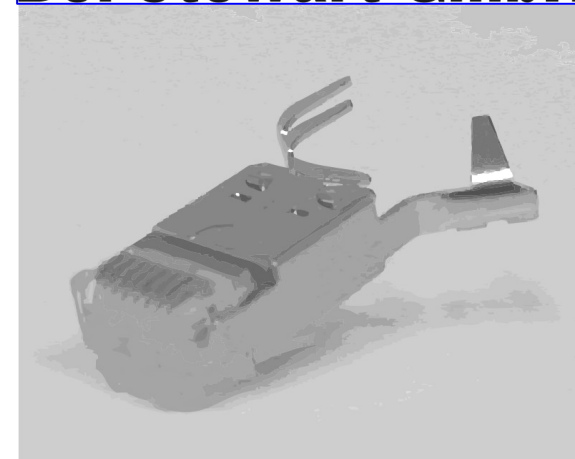
2980072-01 – shield crimp insert (5,5-6 mm) OD\*  
2980077-01 – shield crimp insert (6,1-6,6 mm) OD\*  
2980074-01 – shield crimp insert (6,8-7,5 mm) OD\*  
\*OD = cable outside diameter

*Professional Crimping tools for **SS-39200-0xx** shielded plugs*

*See [www.bel-stewart.com](http://www.bel-stewart.com) to select the proper tool to match your plug*

***please read this brochure carefully before using the tool for the first time***

# Bel Stewart GmbH





## 1. Preparing the tool for work

- ❑ With this tool **only** plugs of **appropriate type** should be used.
- ❑ **IMPORTANT: Never use cable having outer diameter larger than specified in table 1.**
- ❑ In order to place the dies-set in the toolframe, close the handles just as enough as to make the slot on pusher fully visible (do not close it fully) (Fig.1).

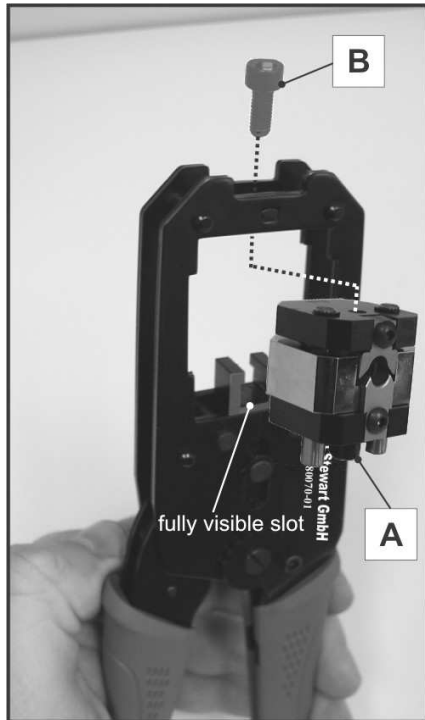


Fig.1.

- ❑ Insert the dies-set **298007x-01** in the toolframe and make sure that pulling bolt "A" matches the slot in the pusher. After the dies-set is properly positioned in the toolframe, fix it by means of socket head cap screw "B"

Die Set Type	Cable Outer Diameter Range
2980071-01	5.5 mm – 6.1 mm
2980076-01	6.1 mm – 6.6 mm
2980073-01	6.8 mm – 7,5 mm

Table 1.

## 2. Terminating procedure

- ❑ Load the plug according to plug manufacturer instructions.
- ❑ **IMPORTANT: Prior to crimping, close the shield wings by hand. Width of shield wings shouldn't exceed 13 mm (Fig.2).**

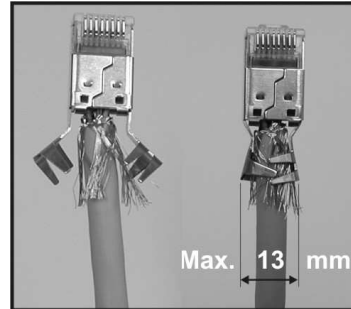


Fig.2.

- ❑ Insert the plug assembly in the tool as shown (Fig.3). Clicking sound of the plugs' locking tab is the end of inserting process.

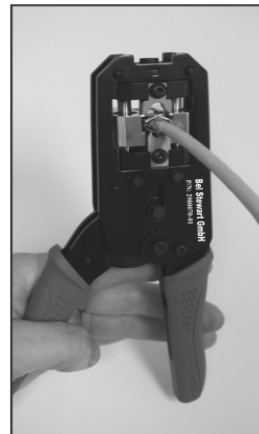


Fig.3.

- ❑ **Slowly** close tool handles completely to perform full cycle crimping. (Fig.4.)

ⓘ **In case the tool becomes blocked for any reason, please follow unblocking procedure (item 3.) found on the back of this brochure.**



Fig.4.

- ❑ After the full crimping cycle is done, open the tool fully in order to remove crimped plug. Press release button (A) (Fig.5.) at the back side of the tool and pull out the plug assembly. The tool is ready for next crimping cycle.

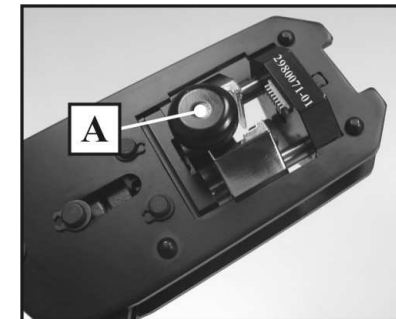


Fig.5.

