

Manual device for shortening stems

This precision device allows you to cut winding stems easily without burrs. By means of a micrometer screw you can precisely adjust the length of the winding stem. This device saves you a lot of time and effort and is a useful aid for your daily workshop routine. It is easy to use and should not be missing in any well-equipped workshop.

The hole cutter of the tool for shortening winding stems is set to the currently most common winding stem diameter of \varnothing 0.90mm, although other \varnothing such as 1.00, 1.10 and 1.20mm can also be selected. All that remains to be done is to determine the length of the winding stem. The scale **10** is used to display the preselected length of your winding stem. This is set by means of the micrometer screw **6**. The locknut **7** must be tightened so that the set length is not adjusted.

The tool is now ready for use. The winding stem to be shortened is clamped with the square into a pin-vice. By operating the transport handle **2** with the right hand, the slide **11** with the hole cutter is returned to the stop. With the left hand, the shaft is placed on the knife-shaped support edge **1** so that the angle lever groove lies on the cutting stop. The carriage is transported forward again and the winding stem is inserted into the hole cutter **12**. The cutting lever **3** is pressed down, thus pinching off the winding stem without burrs. The shortened winding stem is removed and the crown can be screwed on.

When the next winding stem is inserted into the hole cutter, the previously pinched-off particle is ejected. If the hole cutter is to be adjusted to a different hole \varnothing , the screws **8** and **4** must be loosened. The cutting lever **3** is released and is now pulled off. Push the hole cutter **12** forward and set the desired hole \varnothing by turning it. Press the hole cutter **12** back into the old position and insert the cutting lever **3**. Tighten screws **4** and **8** again, now the tool is ready for operation again. With screw **5**, adjust the two holes of the hole cutter exactly to each other again. and tighten screw **5** again with screw **9**.

