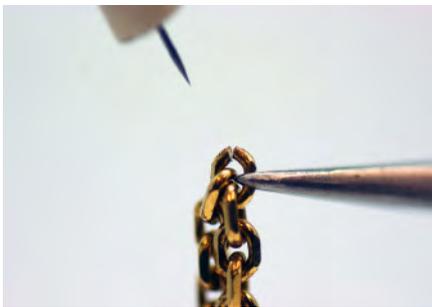


Individual contact tools

A good and safe connection of the contact clamp improves the consistency of the PUK fine welding device.



1. Starting situation

Using the standard clamps to connect to awkwardly shaped articles can cause challenges for the PUK user.

Working with your own customized contact tools can give much better results.



2. Choosing the right tools

The electrical conductivity is a very important factor when welding.

Any customized tool must be made of a good conductive material but also connect to a large enough area on the workpiece.



3. Preparing the connection

The connection between cable and tool must also be on a large enough area.

When choosing a suitable place to connect the cable, ensure there are no surface coatings as this will affect the overall conductivity.



4.1 Soldering

The soldering of the cable for individual tools (100 696) can be done using a soldering iron or a naked flame.

Please note that the cable is rubber coated, so avoid overheating it, also in exceptional cases the cable wires can be welded by the PUK.



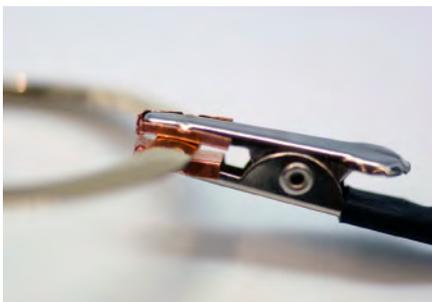
4.2 Screwing together

The cable for individual tools is connected with a simple cable shoe with a hole drilled in the tool. The cable is then screwed tightly onto it and can be used for several tools.



5. Checking the strength

Weak or loose connections could result in welds at the connection point or not complete the electrical contact to the work piece. Please ensure that the connection is secure before using it.



6. Contact sides

By attaching a shrinkage tube to the soldered joint the connection will be protected and look neater. To avoid scratches on sensitive work pieces, protective cuprum jaws can be used and can easily be adapted to the profile of the work piece.



Item #: 100 695



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The cable for individual tools and the flexible band for contacting the work piece can expand your service range.