

# PinPuller® Power Pulling Electrodes

**Rugged design for the removal of large deformations in sheet-metal vehicle bodies.**

- Versatile application options:
  - Heavy slide hammer
  - Pulling tool of a car bench
  - Pulling bridge
- The grid grooves enable secure fixation of the pulling cross piece at any desired grid position.
- Quick welding-on of the individual electrodes and easy removal via turning. Saves work time.
- Optimum force distribution by many electrodes with minimal spacing of only 9 mm.
- The pulling electrodes, in contrast to corrugated wire, can be welded on more than 1000 times.
- Thanks to the insulated bearing of each electrode, only minimal welding power is required, which reduces the heat transferred to the sheet.

**Note:** Before the initial use, the brass coating must be removed from the tips of the electrodes.

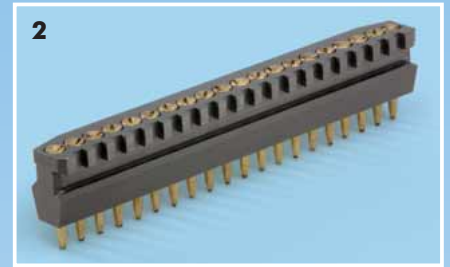
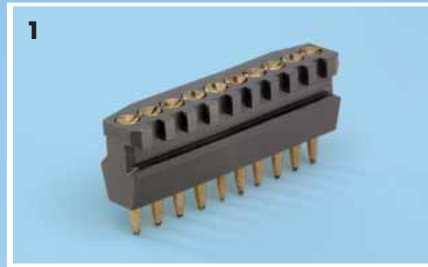


Fig.	Designation	Length in mm	Art. No.	
1	PinPuller® Power 10x Pulling Electrodes	92	<b>0691 500 171</b>	1
2	PinPuller® Power 20x Pulling Electrodes	182	<b>0691 500 172</b>	1
–	20 Spare Welding Electrodes with spring	–	<b>0691 500 174</b>	1

## Use:



Place Copper Electrode 0691 500 178 on the countersunk head and weld it on.



Guide pulling cross piece into the pulling block and engage the catch at the desired position.



Undo the deformation with a slide hammer or a pulling tool.



Using Screwdriver 0613 251 065, turn the pulling electrodes 90°. You're done!

# PinPuller® Power Pulling Cross Piece

**For connecting the PinPuller® Power pulling electrodes with grid fixation.**

- The stable metal design enables the use of heavy pulling equipment. Maximum pulling force: 1 ton.
- The catch secures the pulling electrodes in the 9 mm grid.

**Note:** PinPuller and PinPuller Power items are not compatible with one another.



Fig.	Designation	Connection thread	Art. No.	
1	PinPuller® Power Pulling Cross Piece, length: 140 mm	M 14 x 2	<b>0691 500 180</b>	1
2	PinPuller® Power Pulling Ring, inner dia.: 28 mm	M 14 x 2	<b>0691 500 181</b>	1
–	Universal Slide Hammer, 4 kg	M 14 x 2	<b>0691 500 145</b>	1
–	Safety Arrester Cable, 2 m, retains the chain in case of release		<b>0715 740 18</b>	1



Pulling cross piece with slide hammer for quick dent removal.



Pulling cross piece with pulling ring on the chain of a car bench.