1. Applicable documents

NOTE:
The following documents are available to download on our website. Only the documents currently available on the website are valid.

- Catalogue
- Drawings, performance data, information about accessory parts etc. General
- Technical Data (Data sheets)
- Terms and Conditions (GTCs),Includes warranty information

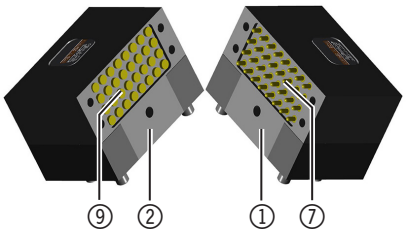
2. Proper use

NOTE:
The energy elements are to be used only in conjunction with the accompanying elements of the product portfolio of Zimmer-Group.
Zimmer GmbH accepts no liability for any damage caused by improper use.

The energy elements are exclusively suitable for the transfer of electrical energy. Proper use also includes compliance with the threshold values for the electrical parameters. You will find these parameters on the associated data sheet.

3. Installation

The energy elements consist of 2 components: the fixed part ① with the spring contact elements ⑦ and the loose part ② with the fixed contact plates ⑨.



3.1 Assembly of fixed part

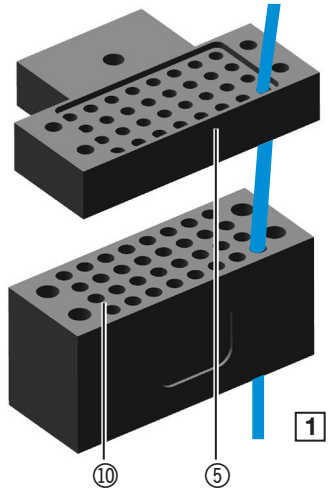
► Feed the cable through the cover ⑩ and the pin socket ⑤ **(Pic 1)**

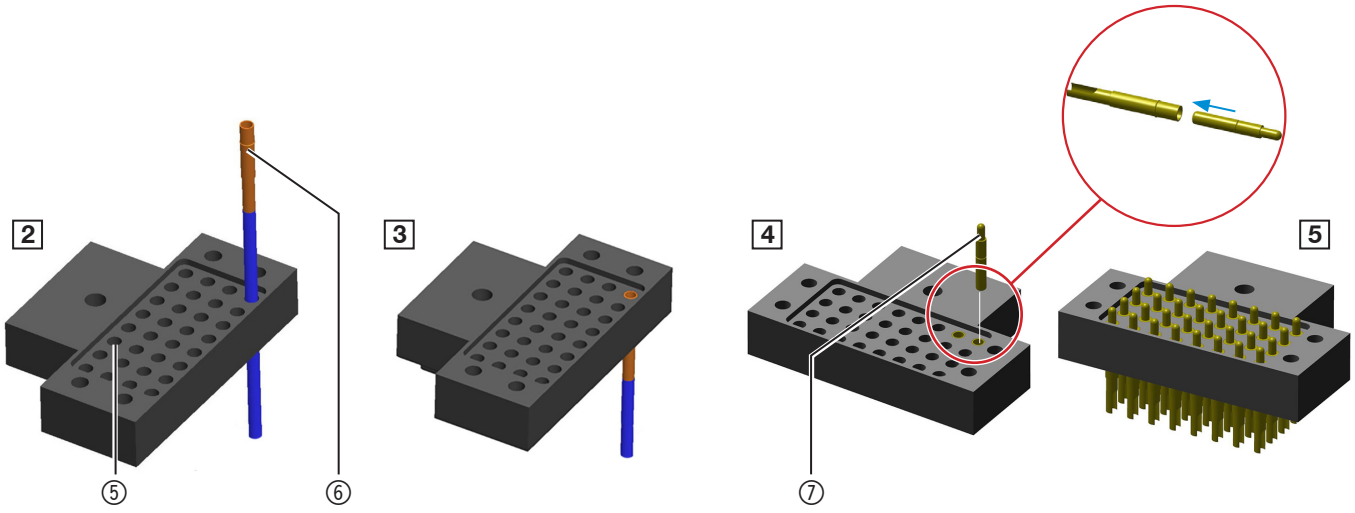
► KDisconnect the cable from the power source and solder it to the pin sleeve ⑥ **(Pic 2)**

► Push back the pin sleeve and press it into the pin socket with a plunger.
When you do so, ensure that the tool you use has a larger diameter than the pin sleeve.
The pin sleeve must be pressed in until it is flush with the surface **(Pic 3)**

► Then press the sprung pin insert ⑦ into the pin sleeve. **(Pic 4)**
Support the pin sleeve from below, to provide stability when pressing in the pin insert

► Follow these steps to complete the pin socket. **(Pic 5)**





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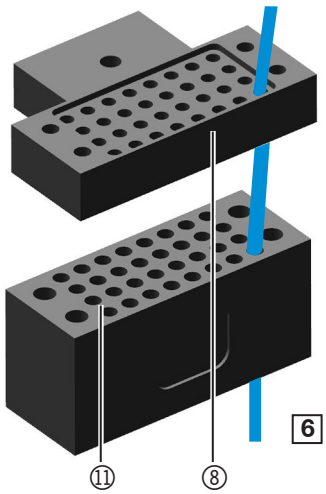
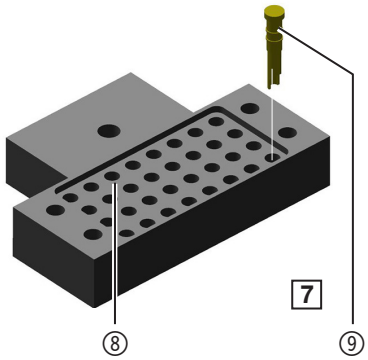
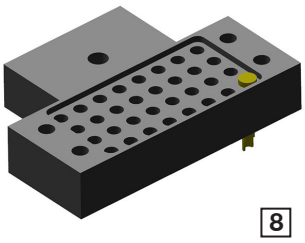
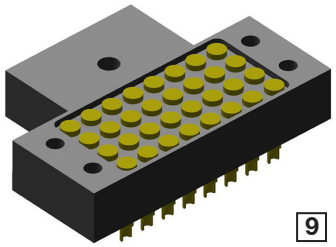
3.2 Assembly of loose part

- ▶ Feed the cable through the cover ⑪ and the pin socket ⑧ **(Pic 6)**
- ▶ Disconnect the cable from the power source and solder it to the pin ⑨ **(Pic 7)**
- ▶ Push back the pin and press it into the pin socket with a plunger. When you do so, ensure that the pins are lying completely on the surface of the pin socket ⑧ **(Pic 8)**
- ▶ Follow these steps to complete the pin socket. **(Pic 9)**





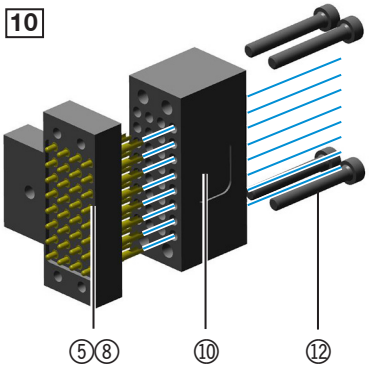




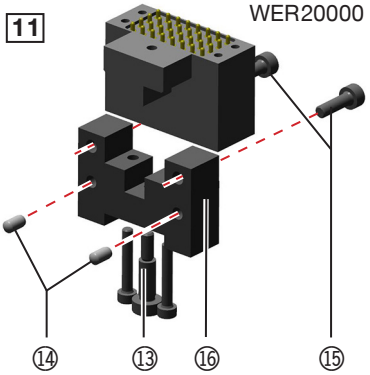
3.3 Final assembly

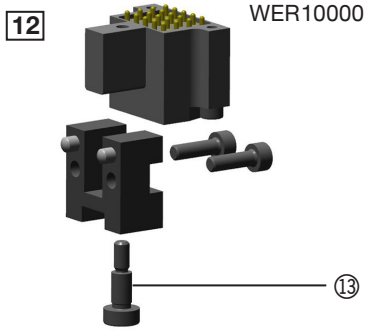
he same final assembly procedure is used for both the fixed and loose part.

- ▶ aLead all cables through the holes in the cover ⑩ respectively ⑪, in the correct arrangement
- ▶ Carefully slide the cover ⑩ and ⑪ over the particular pin socket ⑤ and ⑧. When you do so, ensure that no cables are twisted or crushed. The cover and pin socket must lie flush to each other.
- ▶ asten the cover on the pin socket with the screws ⑫ **(Pic 10)**



- ▶ Mount the mounting plate ⑯ on the tool changer with the cylindrical pins ⑭ and the screws ⑮ .
- ▶ Place the energy element into the mounting plate from above and mount with the screws. **(Pic 11)**





Information:
When energy element WER1000 is the attachment of only one dowel screw. ⑬ **(Pic 12)**

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