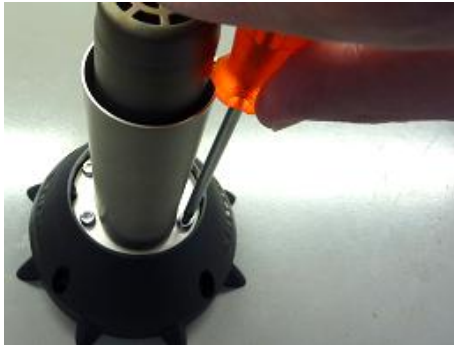
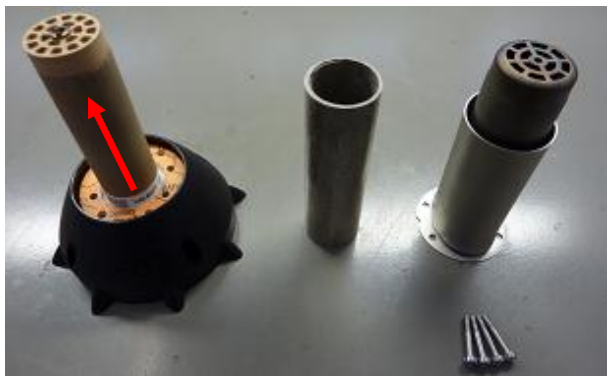


## 9 Heating element



Loosen PT pan head cap screws KA35x20 (4x) and remove heater tube with mica tube



Heating element may be removed now; gasket will be extracted with heating element from the blower housing top

- Do a visual check of the heating element at every repair; replace the heating element if it is either mechanically damaged or if any heating channels are clogged. *Visual inspection*
- Measure resistance of heating element by using an ohmmeter *Ohmmeter*



Tool	Triac ST		Electron ST	
	Power [W]	Resistance [ $\Omega$ ]	Power [W]	Resistance [ $\Omega$ ]
Voltage [V]				
100	1450	approx. 7		
120	1550	approx. 9	2300	approx. 6
200	1550	approx. 26	3300	approx. 12
230	1550	approx. 34	3300	approx. 16

**LEISTER**

Leister Technologies AG



Prior to assembling the heating element assemble thermocouple to print adapter front as described in chapter 6.4.3; connect all flex wires, then insert entire sub-assembly in blower housing top



Carefully attach heating element over thermocouple; make sure the plug pins are plugged into the sockets ("cages") of the blower housing top when assembling



Check heating element position: Groove of heating element must match cam of blower housing top



Insert gasket; make sure both grooves match cams of blower housing top

**LEISTER**

Leister Technologies AG

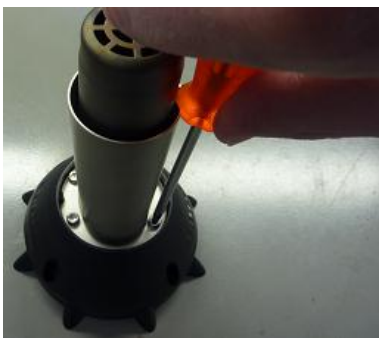


Cover heating element with mica tube; ensure by slightly turning the mica tube passes through the gasket

Note: If the heating element must be replaced, the mica tube usually must be replaced as well



Assemble heater tube; make sure both grooves match cams of the blower housing top



Tighten PT pan head caps screws KA35x20 (4x) to cross