



## Pinner series

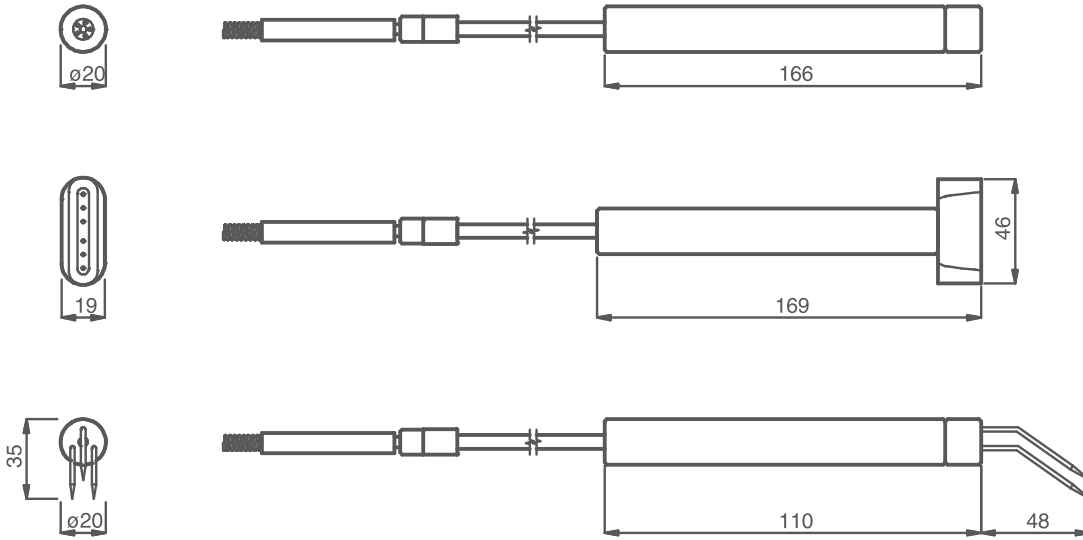
Simco-Ion offers a variety of charging bars and electrodes, depending on the specific applications and conditions. These bars are connected to a DC high-voltage generator. A strong, ion-saturated electrical field around the single polarity high voltage points forces the material to a reference earth. The material is charged by the ions. Being attracted by different polarities, the surfaces temporarily cling together. There are various methods of temporarily charging materials electrostatically, using a Simco-Ion Chargemaster system.

Simco-Ion offers various electrodes, including the 5 Point, Linear 6 Point and the Pinner Claw, specifically for spotcharging small surfaces. These electrodes are also ideal for edge charging in cast-film extrusion processes. The material applied permits high temperature use. The electrodes are resistor-protected to avoid spark-over. The points are replaceable.

### Technical specifications

	Charging electrodes		
	5 point	Linear 6 point	Pinner Claw
<b>Working distance</b>	min. 12,5 mm	min. 12,5 mm	min. 12,5 mm
<b>Housing material</b>	PTFE	PTFE	PTFE
<b>Ionisation points</b>	special alloy	special alloy	special alloy
<b>Cable</b>	high voltage cable	high voltage cable	high voltage cable
<b>Weight</b>	0,3 kg	0,3 kg	0,3 kg
<b>Ambient temperature</b>	150°C	150°C	150°C
<b>Use circumstances</b>	Industrial	Industrial	Industrial
<b>Operating voltage</b>	0 - 30 kV DC	0 - 30 kV DC	0 - 30 kV DC
<b>Suitable high voltage generator</b>	CM lite, CM5-30	CM lite, CM5-30	CM lite, CM5-30





Technical drawing Pinner series



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