



## Hot runner nozzle type 4SMT/4DMT

Open system nozzle with conventional heating element, for minimal spacing, not screwed to the manifold

### TECHNICAL DATA

#### 4SMT/4DMT

Melt channel Ød	3.8 mm
Nozzle type	SMT – open with tip DMT – open with straight outlet
Operating voltage	230 V <sub>AC</sub> *

#### Nominal length of the nozzle (L) in mm

50	60	80	100
■	■	■	■

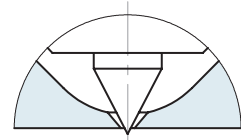
Contact us for other nozzle lengths!

\*Volts alternating current

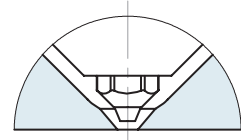
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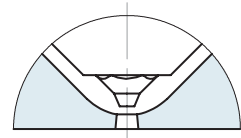
SMT – open nozzle with tip  
version "Tip"  
Antechamber version A



DMT – open nozzle with straight outlet  
version C  
Antechamber version A



DMT – open nozzle with straight outlet  
version A  
Antechamber version C

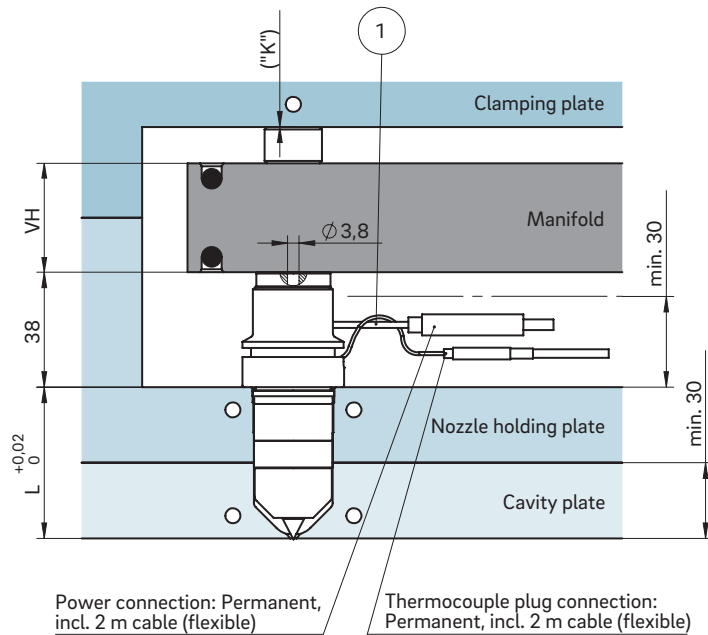
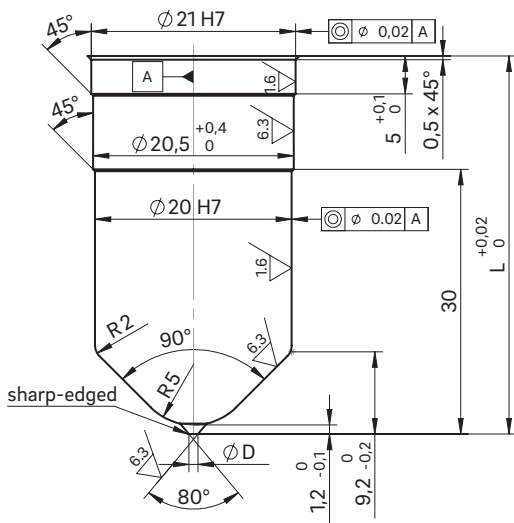


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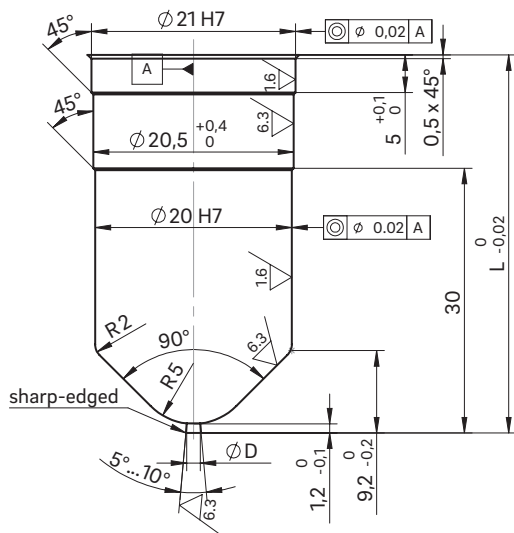


### INSTALLATION

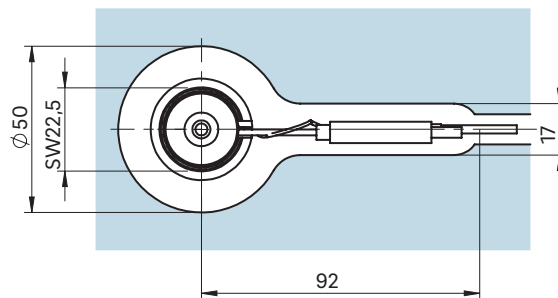
Open nozzle with tip  
Nozzle type version C  
Antechamber version A



Open nozzle with straight outlet  
Nozzle type version A  
Antechamber version C



Example cutout for nozzle head, power and thermocouple plug connections



① Power and thermocouple plug connections in this area can only be bent once; minimum radius: R8  
SW = flat area on nozzle head

Dimension "K" required for heat expansion is to be ensured by grinding the pressure pad (12 ± 0.1 mm)! Determine the difference between the height of the manifold system and the height of the clamping plate when installed! ΔT specifies the temperature differential between the processing temperature and the mould temperature!

VH	ΔT (°C)	100	150	200	250	300	350
36 mm	K (mm)	0.021	0.059	0.098	0.137	0.177	0.217
46 mm	K (mm)	0.033	0.078	0.124	0.170	0.218	0.264
56 mm	K (mm)	0.046	0.097	0.150	0.203	0.258	0.311