Hot runner nozzle type 6SMT/6DMT

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

TECHNICAL DATA

6SMT/6DMT

Melt channel Ød	6.0 mm
Nozzle type	SMT – open with tip DMT – open with straight outlet
Operating voltage	230 V_{AC}*

Nominal length of the nozzle (L) in mm

50	60	80	100	120	150	200	250
■	■	■	■	□	□	□	□

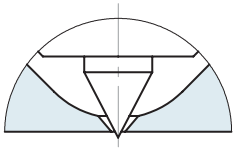
Contact us for other nozzle lengths!

*Volts alternating current

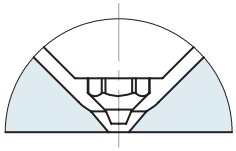
■ *available* □ *on request*

WEBCODE
22150

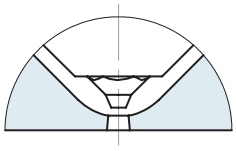
SMT – open nozzle with tip
version "Tip"
Antechamber version A



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

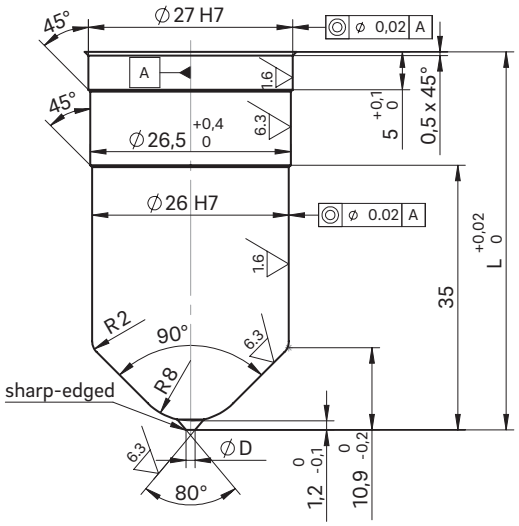


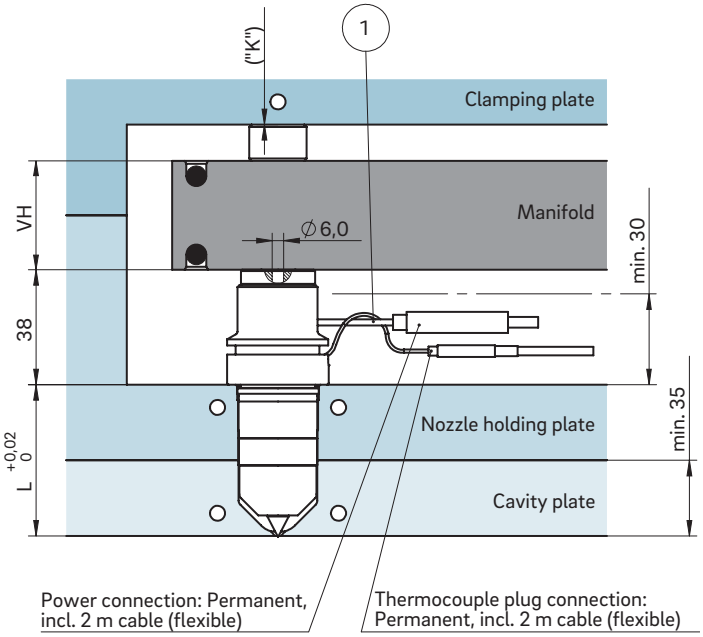
DMT – open nozzle with straight outlet
version A
Antechamber version C



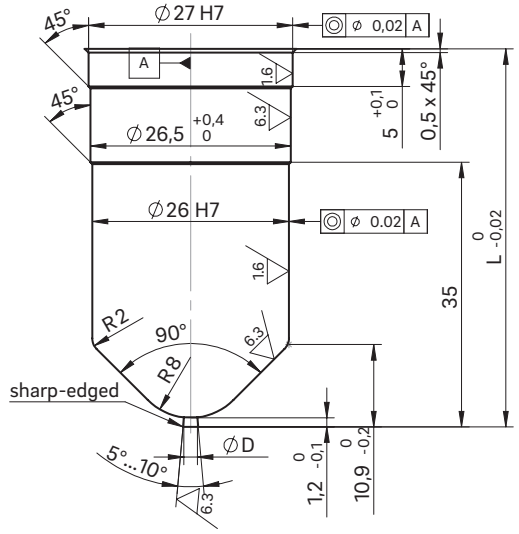
INSTALLATION

Open nozzle with tip
Nozzle type version C
Antechamber version A

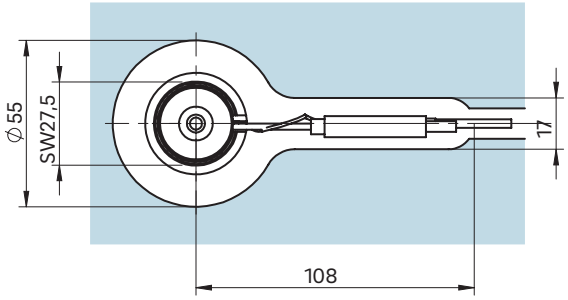




Open nozzle with straight outlet
Nozzle type version A
Antechamber version C



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