



Hot runner nozzle type 5SMT-K/5DMT-K

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

TECHNICAL DATA

5SMT-K/5DMT-K

| | |
|-----------------------------------|---|
| Melt channel Ød | 4.8 mm |
| Nozzle type | SMT – open with tip DMT – open with straight outlet |
| Operating voltage | 230 V _{AC} * |
| Nominal length of the nozzle (L): | 30 mm |

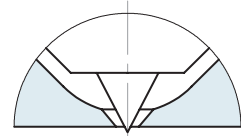
*Volts alternating current

NOTE

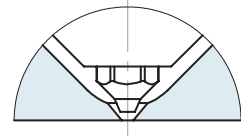
Can **also** be used laterally.



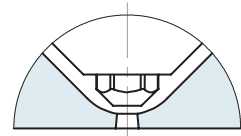
SMT – open nozzle with tip
version "Tip"
Antechamber version A



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



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

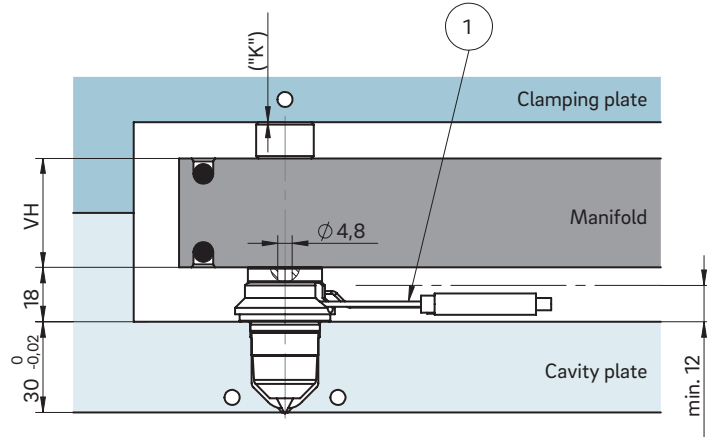
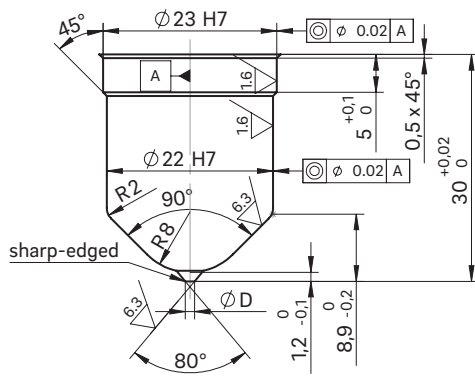


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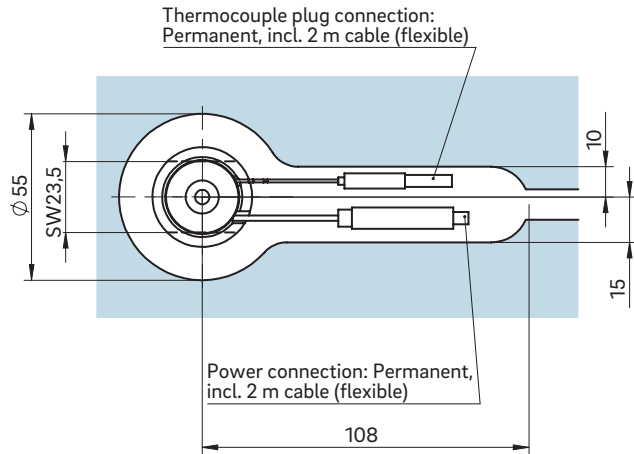
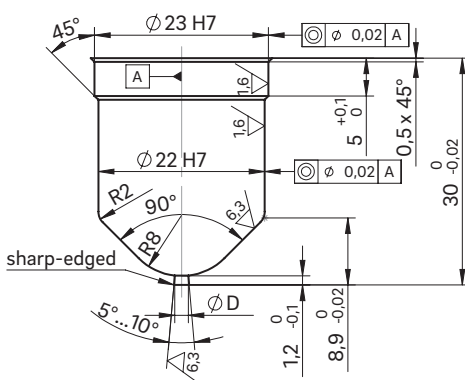
INSTALLATION

Open nozzle with tip
Nozzle type version C
Antechamber version A



Example cutout for nozzle head, power and thermocouple plug connections

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



- 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 |