Melt-Disk®

Mold Masters®

INDUSTRY LEADING SIDE GATING

Simultaneous direct side gating solution of up to 8 cavities per Disk eliminates scrap from sub-runners and enhances part quality. Geared toward circular oriented mold layouts. Perfect for high cavitation molds producing deep draw medical parts such as pipette tips, syringe barrels, needle shields and more.

KEY FEATURES

SYMMETRICAL GEOMETRY
- Precise cavity-to-cavity rheological balance.
- Low pressure drop.

THERMAL TIP OPTIONS
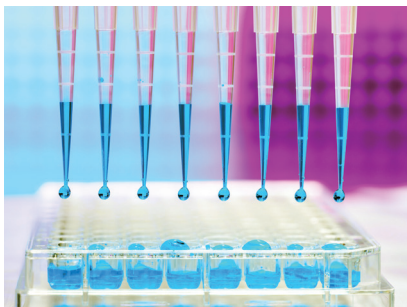- Excellent vestige control.
- Accessible from the parting line.

HIGH CAPACITY DESIGN
- Available with up to 2x more gates per drop than some competitive side gating solutions.
- Allows for more compact, efficient and economical mold designs.
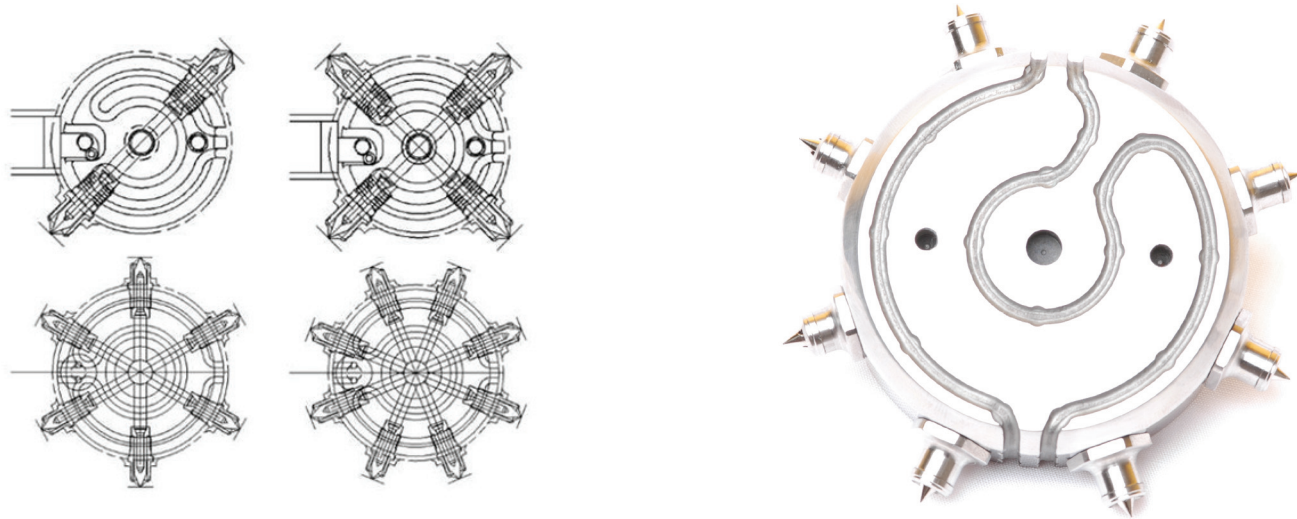
BRAZED HEATER TECHNOLOGY
- Precise thermal profile.
- Optimal heat control in the gate area.
- Enhances rheological balance.
- Superior reliability maximizes uptime.
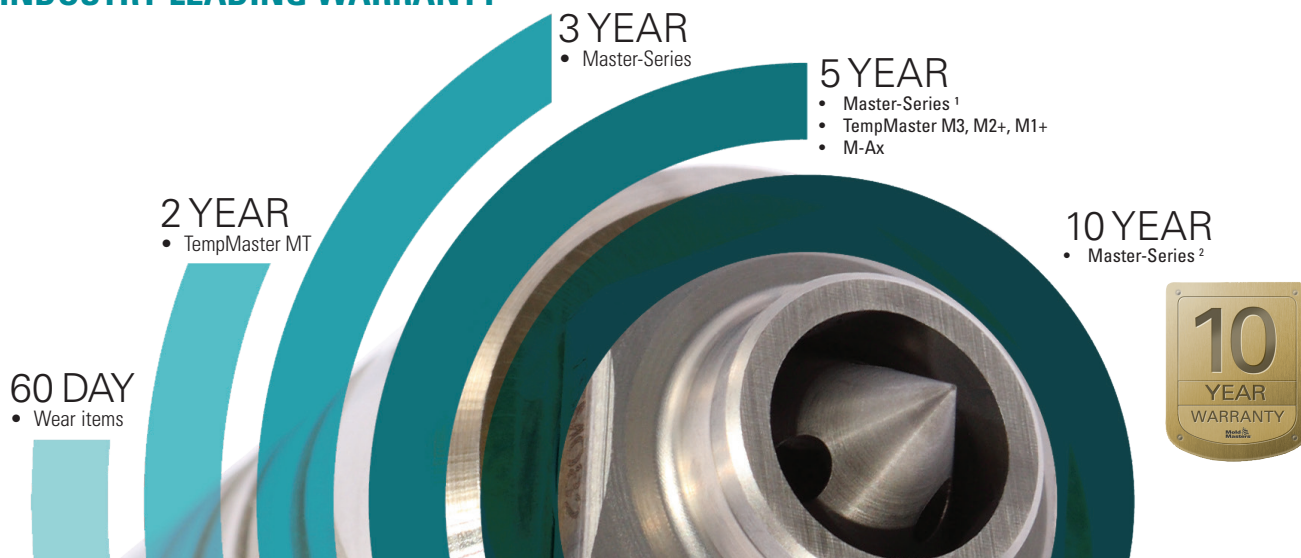- Eliminates spare heater costs.

SPECIFICATIONS

MODEL	MAX PART SIZE	CAVITIES PER DROP	AVAILABLE TIP ANGLES	TIP TO TIP DISTANCE*
MD40	10 g	2, 4	0	60 mm
MD56	10 g	2, 4, 6, 8	0	76 mm
MD60	10 g	2, 4	15, 30, 45, 60	82 mm - 64 mm

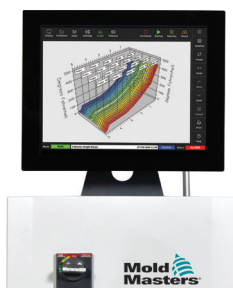*Approximations only at 200°C Processing Temp. Please confirm exact measurements to your application.

INDUSTRY LEADING WARRANTY

3 YEAR
• Master-Series

5 YEAR
• Master-Series [1]
• TempMaster M3, M2+, M1+
• M-Ax

2 YEAR
• TempMaster MT

10 YEAR
• Master-Series [2]

60 DAY
• Wear items

10 YEAR WARRANTY

Please speak to a Mold-Masters representative for complete warranty details. Some conditions and/or limitations may apply. Subject to change without notice.
[1] Qualifying systems only. Valid with the purchase of a TempMaster™ controller OR hot half at time of system order on the same PO. Warranty limited to heating circuits of select components which may differ depending on the hot runner system. [2] Qualifying systems only. Valid with the purchase of a TempMaster™ controller AND hot half at time of system order on the same PO. Warranty limited to heating circuits of select components which may differ depending on the hot runner system.

TempMaster™ series M2+ PLUS

For peak performance and superior results, Mold-Masters recommends using TempMaster M2+ controllers with all Melt-Disk enabled hot runner systems. Unlock your operations full potential with TempMaster.