

THE NEXT EVOLUTION IN ADVANCED INLINE SIDE GATING TECHNOLOGY

A newly evolved design that minimizes downtime and enhances processing capabilities. Simultaneous direct side gating solution of up to 8 cavities per cube eliminates scrap from sub-runners and enhances part quality. Perfect for high cavitation molds producing deep draw medical parts such as pipette tips, syringe barrels, needle shields and more.

KEY FEATURES

SIMPLIFIED DESIGN

- Servicing turnaround up to **85%** faster.
- Save up to 5 hours on a 64 cavity system.
- Simple and straightforward maintenance procedures.

GATE LOCATED TIPS

- Alignment not affected by thermal expansion.
- Maintains tip to gate concentricity regardless of liner pitch spacing (prevents mismatching).
- Superior leakage protection even with high MFI materials.
- Quickly and easily replaced from the parting line.

BRAZED HEATER TECHNOLOGY

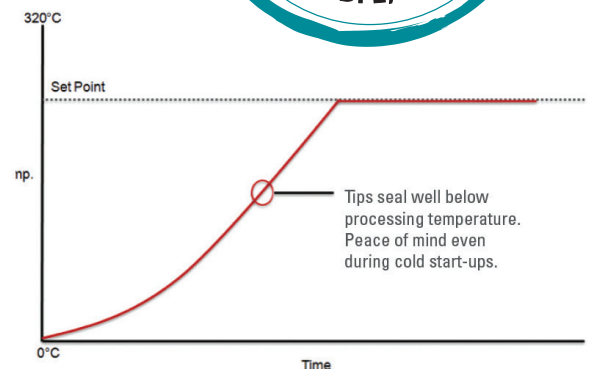
- Precise thermal profile including gate to gate.
- Excellent vestige control and low pressure drop.
- Enhanced cavity-to-cavity rheological balance and shot-to-shot consistency.
- Superior reliability maximizes uptime.

HIGH CAPACITY DESIGN

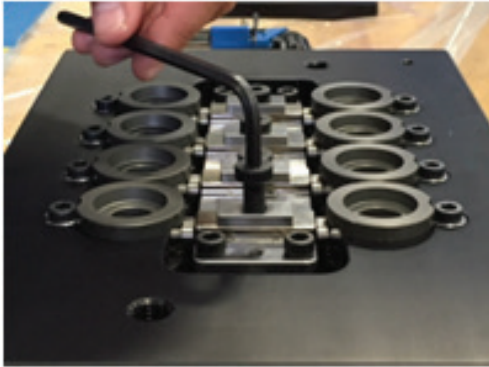
- Available with up to **2x** more gates per drop than some competitive side gating solutions.
- Up to 43% higher pitch density than some competitive circular systems.
- Allows for more compact, efficient and economical mold designs.



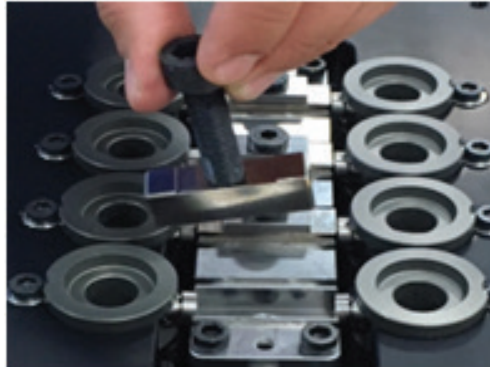
Only 1 bolt for every pair of tips.



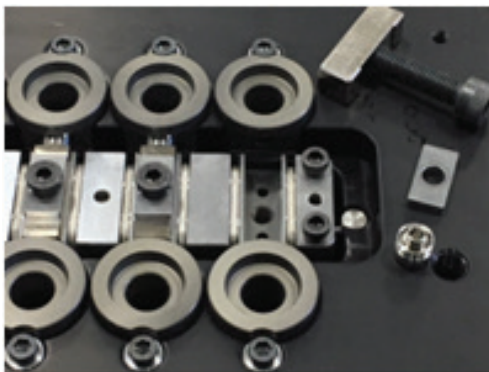
QUICK 4-STEP ASSEMBLY/DISASSEMBLY



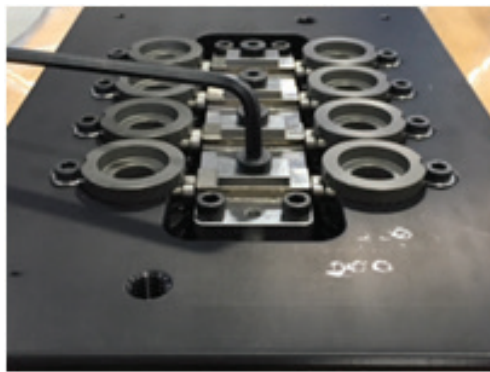
STEP 1
Remove 1x M8 bolt & rectangular washer



STEP 2
Extract melt block using an M10 bolt




STEP 3
Remove and replace tip



STEP 4
Re-assemble

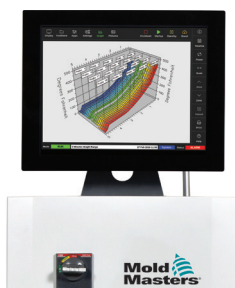
SPECIFICATIONS

	Max Part Size*	Tip Angle (from horizontal)	Pitch Values "B" (mm)	Tip to Tip "D" (mm)
2-Cavity	10 g	0°	N/A	70.00
4-Cavity	10 g	0°	40, 50	70.00
8-Cavity	10 g	0°	20, 30, 40, 50	70.00

Available



*Application dependent.



TempMaster™ M2+ series

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