

# Machine Nozzle Shut Off Device

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## Product Features:

- Standard 7/8-14 thread to screw into any standard nozzle
- Made of H-13 tool steel
- No springs to contaminate or break
- Available in 1/2" or 3/4" radius
- External band heater and thermocouple
- External device allows for easy removal and cleanup
- Available in multiple orifice sizes



Invented using the same patented technology that created the Anti-Drool Sprue Bar Device, **MDi's Machine Nozzle Shut Off Device** is the solution for significantly reducing costly material waste, particularly in insert molding applications.

It is easy to install and maintenance friendly. Simply screw the device onto any standard molding machine nozzle and watch it consistently shut off material back flow and drool after each cycle as it disengages from the hot runner intake nozzle.

The Machine Nozzle Shut Off Device is also ideal for drastically reducing or eliminating material waste in stack molding applications.

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*"Right away we noticed that there would be less scrap and less purge coming out of the molding machine nozzle. Because of the MDi device, we have gone from 7-10 pounds of scrap per shift to less than one pound per shift and there is zero drool on the machine side. The results surpassed our expectations."*

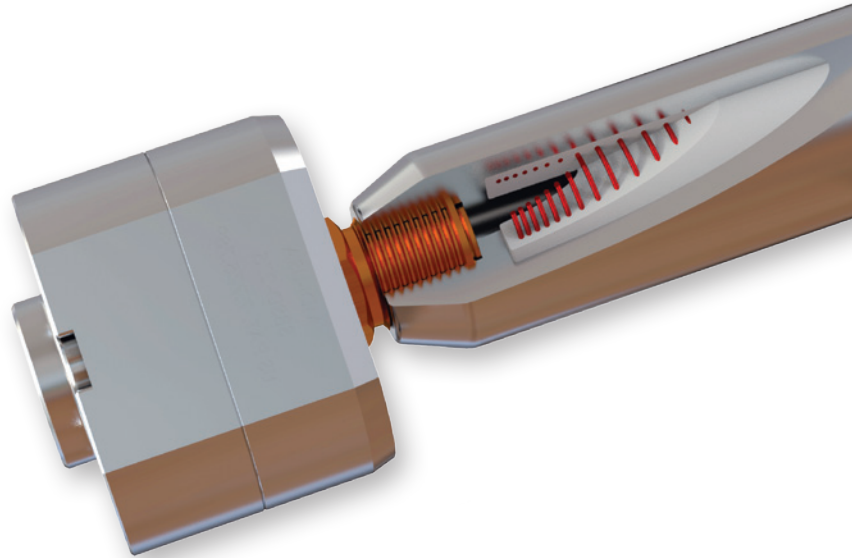
**Jason Burcicki**, Manufacturing Engineer  
Klein Tools Inc.



# Anti-Drool Sprue Bar Device

MDi's innovative Anti-Drool Sprue Bar Device was first developed as a solution for eliminating the costly material waste that often occurs in stack molding applications. Today it is also shown to be effective on hot runner systems that are running on horizontal presses with vertical clamps.

The patented design enables a positive shut-off in a compact assembly, allowing decompression of the hot runner system and preventing drooling from the system when the mold is open. And, because there are no internal springs or components to contaminate or break, the Anti-Drool Sprue Bar Device operates flawlessly, is low maintenance and a cleaner, economical alternative to competing devices.



## Product Features:

- Cost effective
- Compact and easy to install
- Designed to retrofit existing, non-working systems
- Ideal for use with MDi's Internally Heated Machine Nozzles



For more information, call 800-MDI-ONLY (800-634-6659), or visit [www.melt-design.com](http://www.melt-design.com). Outside the U.S. dial 1-630-443-4000.