

# FUCHSLOCHER SHUT-OFF NOZZLES

The ORIGINAL SHUT-OFF. This completely mechanical, fully operational FUSCHLOCHER NOZZLE provides:

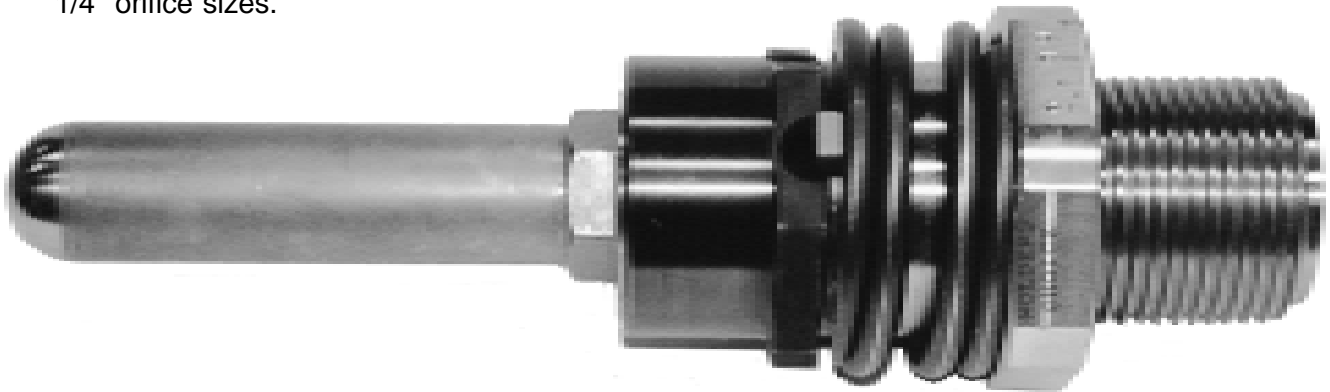
- Controllable back flow during injection, to reduce flash
- Positive shut-off to prevent drooling, stringing
- No internal springs
- Nylon-design tip to eliminate cold slugs
- Precise pressure control during cure time

## THE NOZZLE TIP

Nylon type reverse-taper internal design, manufactured of tough, hardened tool steel. The tip can be changed in just minutes. The nozzle tip is available in 1/2" and 3/4" radius with 1/8, 5/32, 3/16, or 1/4" orifice sizes.

## THE SHUT-OFF PIN

When in the open position, the pin allows unrestricted material flow during injection. During screw pull-back or idle, the pin seals against the replaceable tip seal, eliminating drool or stringing.



## THE EXTERNAL SPRING

Activates the shut-off pin during screw pull-back or idle. To activate into open position, plastic material flow during injection forces the spring tension on the shut-off pin away from the seat. During screw pull-back or idle, tension from the spring forces the pin forward, sealing off material flow.

## ADVANTAGES

- Completely mechanical, automatic operation.
- Controllable back-flow during injection reduces flashing.
- Positive shut-off prevents drooling.
- No internal springs.
- Eliminates cold slugs.
- Precise pressure control during cure.
- Increase productivity by up to 34%.



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