THERMOPLAY
HotRunnerSystems
A business of BARNES GROUP INC

TF Series
Sliding Nozzles

TOGETHER WE ARE BARNES MOLDING SOLUTIONS



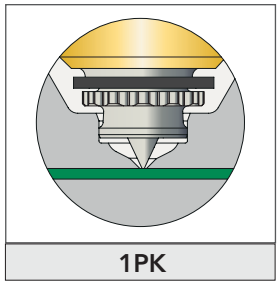
Specifically designed for packaging



When it comes to producing caps, closures, and containers, thermal uniformity is paramount for consistent, quality parts. Thermoplay sliding nozzles come equipped with proprietary heaters which deliver an optimized temperature profile. This ensures optimum heat transfer to the nozzle body leading to a more productive and efficient melt delivery system. Thermoplay has decades of experience processing such challenging applications and fully understand these demands.

Nozzle Types

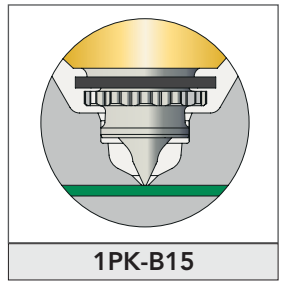
TF - DIRECT GATING



1PK



1PK-GLT

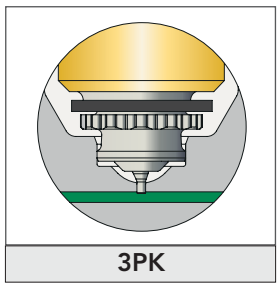


1PK-B15

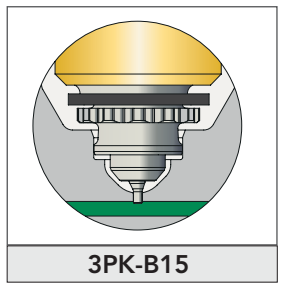


1PK-B50

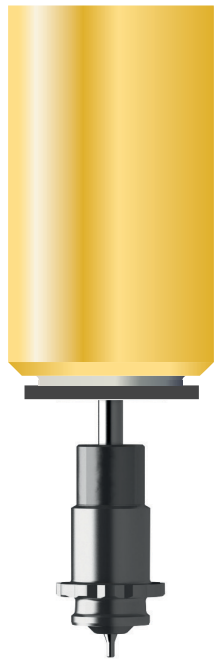
TF - VALVE GATING



3PK



3PK-B15





Technical Specification

	TF17 Open/V Gate	TF23 Open/V Gate
Nozzle cut-out diameter (mm)	17.5	23
Flow bore diameter (mm)	5	7
Length (mm)	36-206 (10 mm Steps)	46-206 (10 mm Steps)
Examples of plastic types	PP, HDPE, LDPE, ABS	

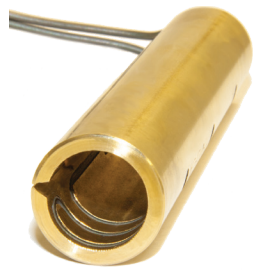
TF Series

Sliding nozzles for reliable processing of general-purpose resins



- Open and valve gated applications
- Excellent gate qualities from open and valve gate
- Ideally suited to polyolefin resins
- Easily replaceable tips design specifically for packaging
- Heater removal from cavity plate side possible
- Extended gate insert available for gating into tight space
- Developed for fast cycle times
- Outstanding performance for balance of fill and pressure drop

Thermoplay Proprietary heater for optimized temperature profile



- Improved heat transfer to the nozzle body for excellent gate control
- Accurate and consistent thermocouple location
- Easy maintenance
- Energy saving















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24/09 Technical subjects to change.

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Production Locations

https://www.thermoplay.it/en/about-us/company.html

Sales & Service

https://www.thermoplay.it/en/contact-us-home.html

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Synventive molding solutions A business of BARNES GROUP INC
THERMOPLAY HotRunnerSystems A business of BARNES GROUP INC

The strategic Molding Solutions business unit of the Barnes Group is the world's only supplier able to combine know-how in technology for injection molds, hot runners, monitoring and control systems. From prototype molds all the way to high-volume production molds, you benefit from our one-stop solutions. The focus is on carefully coordinated products and naturally balanced systems. This enables outstanding performance of the entire molding solution. The global capacities of Moldings Solutions made possible by shared manufacturing sites in Europe, the Americas and Asia.

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