

**PRODUCT DIMENSIONS**

**PRESS-FIT 3 MM CAVITY TEMPERATURE SENSOR**

**TS-PF03-K**



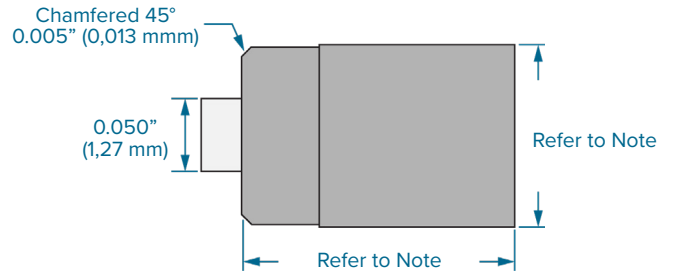
The press-fit 3 mm cavity temperature TS-PF03-K analyzes temperature variation inside the mold cavity. The TS-PF03-K is designed for use with RJG, Inc.'s Lynx Quad Temperature Module LS-QTTB-K—which receives input from up to four thermocouples—and the eDART® or CoPilot® system.

**TECHNICAL SPECIFICATIONS**

The TS-PF03-K sensor head is made of hardened steel, and can be contoured, angled, and/or textured to match the cavity, The sensor's Teflon™-coated wire allows the sensor to work in mold temperatures of up to 400 °F (204 °C).

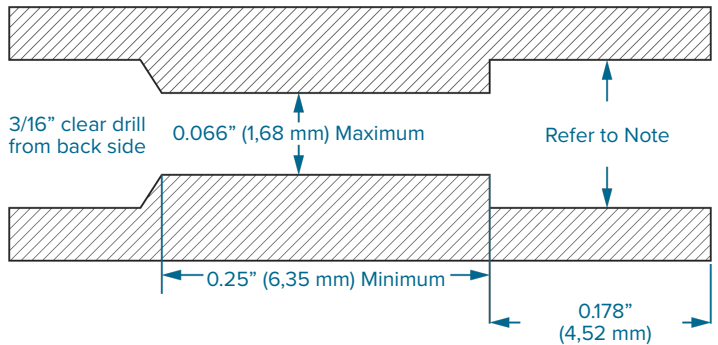
Sensing Element	Type K Thermocouple	
Force Range	30,000 psi	2,068 bar
Temperature Range	0–400 °F (0–204 °C)	
Accuracy	±2 °F (±1.1 °C)	
Maximum Temperature	400 °F	204 °C

**SENSOR HEAD**



**NOTE** The sensor is press fit. Gauge each sensor body, then cut each sensor pocket. Once sensor is installed in mold, machine the sensor tip down to be flush with the cavity surface. The finished sensor length may not be less than 0.177" (4,496 mm). Refer to installation instructions and specifications in the product manual.

**SENSOR POCKET**



The wire channel maximum diameter of 0.066" (1,68 mm) is specified to ensure sensor body support under pressure. The channel does not need to be enlarged as shown.

**CABLE LENGTH**

The TS-PF03-K sensor wire is 6 ft (1,83 m) in length, and can be shortened or lengthened appropriately for each application. Length must be longer than needed to assure proper installation without tension on the lead wire.

Gage	30
Length	6 ft (1,83 m)



**CABLE LENGTH**

## INSTALLATION

Refer to product manual and installation guide for all dimensions—available for download online at [www.rjginc.com](http://www.rjginc.com).

1 Cavity

2 Sensor Pocket

3 Cable Pocket<sup>1</sup>

4 Cable Clips<sup>2</sup>

5 Wire Channel Cover Plate

6 RJG, Inc. Lynx Quad Temperature Module<sup>3</sup>

**CAUTION** Once installed, a sensor **CANNOT** be removed. Attempts to remove sensor will result in destruction of sensor

