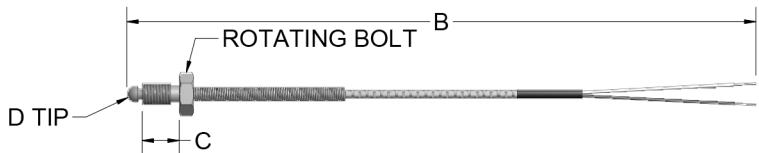


The threaded nozzle thermocouple illustrated below is generally used to measure the temperature of the nozzle of an injection molding machine. This style is not in direct contact with the molten plastic. Due to the relatively small size of this sensor, other general areas of use include mounting in bearing housings, sealing bars, heat plates, and other limited space applications.



ORDER CODES

Example Order Number:

1-1 1-2 2 3 4
JTN **U** - **F6** - **F1B024** - **2**

1-1 Thermocouple Type

| CODE | DESCRIPTION |
|------|-------------------|
| JTN | Iron - Constantan |

Other Element Types

For type E, K or T thermocouples, replace J in order code with required letter designation.

1-2 Junction

Grounded junctions supplied as standard. Insert "U" only when requiring an ungrounded junction.

2 Bolt Designation

| CODE | NOZZLE SIZE | | |
|------|-----------------|------------------|------------|
| | THREADS | "D" TIP (inches) | "C" LENGTH |
| F6 | 1/4" - 28 | 3/16 | 3/8" |
| G8 | 3/8" - 24 | 1/4 | 1/2" |
| I6 | 6 mm x 1 mm | 3/16 | 10 mm |
| K6 | 8 mm x 1.25 mm | 1/4 | 10 mm |
| M10 | 10 mm x 1.50 mm | 1/4 | 16 mm |

Other bolt sizes available; consult factory.

3 Extension Length "B"

| CODE ^[1] | WIRE DESCRIPTION |
|---------------------|--|
| F1 ____ | Fiberglass insulation - solid conductor |
| F1B ____ | Fiberglass insulation - solid conductor - stainless steel overbraid |
| F3 ____ | Fiberglass insulation - stranded conductor |
| F3B ____ | Fiberglass insulation - stranded conductor - stainless steel overbraid |

[1] Insert 3 digit "B" length in inches.
EX: F3B024=24" "B" length.

4 Terminations and Options

| CODE | DESCRIPTION |
|------|---|
| 0 | Leads not stripped |
| 2 | 2" split leads, 1/4" stripped |
| 3 | 2" split leads with spade lugs |
| 4 | Standard plug |
| 5 | Standard jack |
| 6 | Miniature plug |
| 7 | Miniature jack |
| 8 | 2" split leads with 1/4" female disconnects |

Options

| | |
|----|------------------|
| MC | Mating connector |
| CC | Cable clamp |
| BX | Box connector |