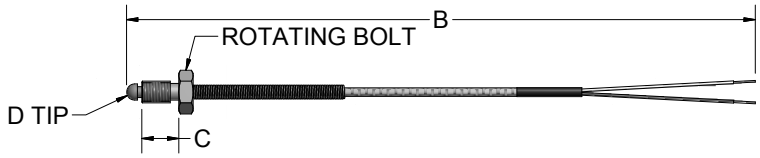
The threaded nozzle thermocouple illustrated below is generally used to measure the temperature of the nozzle of an injection molding machine. This style is not in direct contact with the molten plastic. Due to the relatively small size of this sensor, other general areas of use include mounting in bearing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