

The ring type assemblies pictured below have the thermocouples embedded either into a stainless steel stamping for grounded junctions (figure 1) or a brass ring for ungrounded junctions (figure 2). Various ring sizes are available to measure the surface temperature of nozzles, extruder barrels, die heads, molds, and many other applicable surfaces.

FIGURE 1

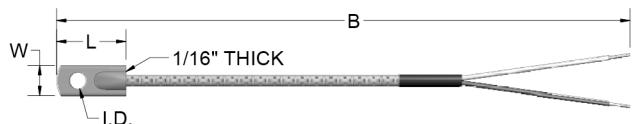
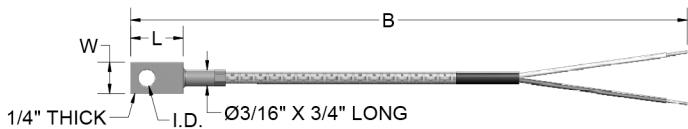


FIGURE 2



## ORDER CODES

**Example Order Number:**

**JRS1** - **F3012** - **8**

**FIGURE 1**  
**1 Grounded Thermocouples - Ring Size**

CODE	RING SIZE			SCREW or BOLT SIZE
	I.D. (inches)	W (inches)	L (inches)	
JRS1	0.20	3/8	7/8	#6 - #10 4mm-5mm
JRS2	0.33	7/16	1	#12, 1/4" - 5/16" 5mm - 8mm
JRS3	0.44	9/16	1 1/8	5/16" - 3/8" 8mm - 10mm

**FIGURE 2**  
**1 Ungrounded Thermocouples - Ring Size**

CODE	RING SIZE			SCREW SIZE
	I.D. (inches)	W (inches)	L (inches)	
JRB1U	0.20	3/8	5/8	#6 - #10 4mm-5mm
JRB2U	0.33	5/8	7/8	#12, 1/4" - 5/16" 5mm - 8mm
JRB3U	0.44	5/8	7/8	5/16" - 3/8" 8mm - 10mm

### Other Element Types

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

### 2 Extension Leadwire "B"

CODE <sup>[1]</sup>	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
T1---	Fluoropolymer insulation - solid conductor
T3---	Fluoropolymer insulation - stranded conductor
K1---	Polyimide insulation - solid conductor

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

### 3 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 disconnect lugs

### Options

MC	Mating connector
CC	Cable clamp
BX	Box connector