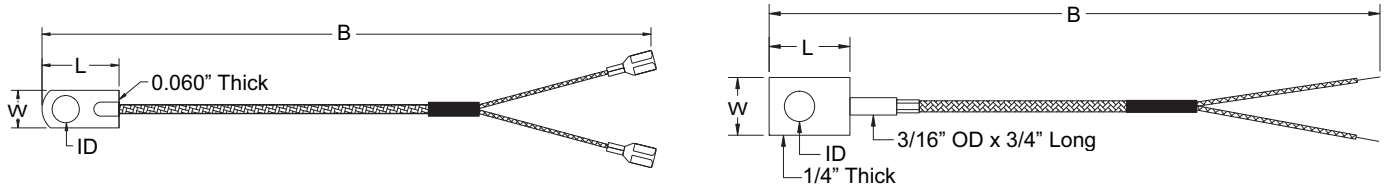


The ring type assemblies pictured below have the thermocouples embedded either into a stainless steel stamping for grounded junctions (fig. 1) or a brass ring for ungrounded junctions (fig. 2). Various ring sizes are available to measure the surface temperature of nozzles, extruder barrels, die heads, molds, and many other applicable surfaces. See General Thermocouple Specifications, later in this section, for temperature ratings on selected wire type and other construction specifications.



ORDER CODES

Example Order Number:

JRS1

F3012

8

FIG. 1

1 Grounded Thermocouples - Ring Size

CODE	RING SIZE			SCREW or BOLT SIZE
	ID (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	0.40	9/16	1 1/8	5/16" - 3/8" 8mm - 10mm

FIG. 2

1 Ungrounded Thermocouples - Ring Size

CODE	RING SIZE			SCREW SIZE
	ID (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	0.40	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 ^[1]	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 ___	Teflon [®] insulation - solid conductor
T3 ___	Teflon [®] insulation - stranded conductor
K1 ___	Kapton [®] 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