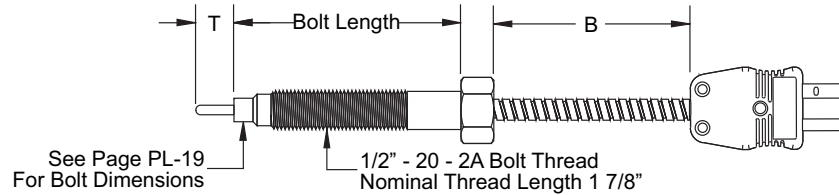


The melt bolt thermocouple illustrated below is made of 304 stainless steel and is constructed using a fiberglass insulated element. This style of thermocouple is used on extruders and injection molding machines to directly measure the melt temperature of plastic as it moves down the extruder barrel. See General Thermocouple Specifications, later in this section, for temperature ratings on selected wire type and other construction specifications.



ORDER CODES

Example Order Number:

1-1 1-2 1-3 2 3 4
JFMB2 - **3** - **U** - **02** - **F1A006** - **4**

1-1 Thermocouple Type

CODE		TIP DIAMETER (inches)
<i>SINGLE</i>	<i>DUPLEX</i>	
JFMB2		1/8
JFMB3	JJFMB3	3/16
Other Element Types		
For type E, K, or T thermocouples replace J in order code with required letter designation.		

1-2 Bolt Length

CODE	LENGTH (inches)
3	3
4	4
6	6
Consult factory for other lengths.	

1-3 Junction

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

2 Tip Length

CODE	'T' TIP LENGTH (inches)	CODE	'T' TIP LENGTH (inches)
00	Flush	08	1/2
02	1/8	12	3/4
04	1/4	16	1
Consult factory for other lengths.			

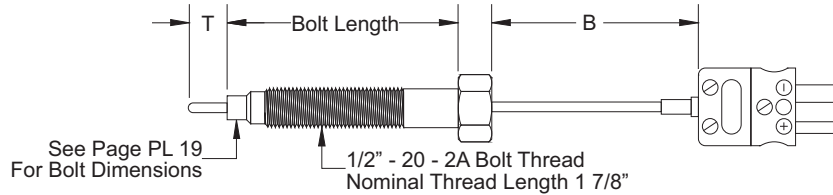
3 Extension Leadwire B

CODE ^[1]	DESCRIPTION
000	No leadwire, connector attached to sheath
F1A_ _ _	Fiberglass insulation - solid conductor - flexible armor
F3A_ _ _	Fiberglass insulation - stranded conductor - flexible armor
[1] Insert 3 digit B length in inches. EX: F1A012=12" B length; for assemblies requiring other than the standard 6" C dimension, insert 3 digit C length in inches after B dimension. EX: F1A036-012=36" B length with additional 12" C length.	

4 Terminations and Options

CODE	DESCRIPTION
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
Options	
MC	Mating connector

The melt bolt thermocouple illustrated below is used on extruders and injection molding machines to directly measure the melt temperature of plastic as it moves down the extruder barrel. This heavy-duty style of melt bolt is made with 300 series stainless steel and is constructed using a metal sheathed MgO element. See General Thermocouple Specifications, later in this section for other construction specifications.



ORDER CODES

Example Order Number:

1-1 1-2 1-3 2 3 4
JMMB2 - **3** - **U** - **02** - **004** - **4**

1-1 Thermocouple Type

CODE		TIP DIAMETER (inches)
SINGLE	DUPLEX	
JMMB2	JJMMB2	1/8
JMMB3	JJMMB3	3/16

Other Element Types

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

1-2 Bolt Length

CODE	LENGTH (inches)
3	3
4	4
6	6

Consult factory for other lengths.

1-3 Junction

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

2 Tip Length

CODE	'T' TIP LENGTH (inches)	CODE	'T' TIP LENGTH (inches)
00	Flush	08	1/2
02	1/8	12	3/4
04	1/4	16	1

Consult factory for other lengths.

3 MgO Extension B

CODE	DESCRIPTION
000	Connector 1/2" from bolt
---	Insert "B" length in inches using 3 digits

4 Terminations and Options

CODE	DESCRIPTION
4	Standard plug
5	Standard jack
6	Miniature plug
7	Miniature jack

Options

MC	Mating connector
CL	Compression L bracket