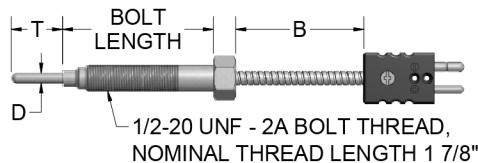


The melt-bolt thermocouple illustrated below is made of 300 series stainless steel and is constructed using a fiberglass insulated element. This style of thermocouple is used on extruders and injection molding machines to directly measure the melt temperature of plastic as it moves down the extruder barrel.



## 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 O.D. "D" DIM. (inches)
SINGLE	DUPLEX	
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 <sup>[1]</sup>	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.

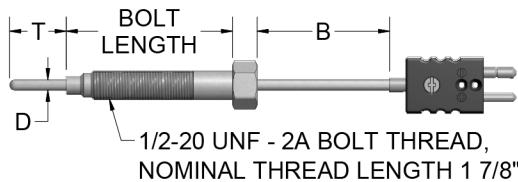
### 4 Terminations and Options

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 thermocouples illustrated below are used on extruders and injection molding machines to directly measure the melt temperature of plastic as it moves down the extruder barrel. These melt-bolts are made with 300 series stainless steel and are constructed using a metal-sheathed MgO element. The fixed tip style consists of an MgO element brazed to the bolt at a specified tip length and is supplied with a grounded junction as standard. Pyromation's Precision Tip Re-adjustable Melt-Bolt Thermocouples come standard with a fast response exposed junction. The precision tip is manufactured from hardened stainless steel and creates a positive shut off to prevent the back flow of plastic into the bolt. The 5/32" O.D. tip has an adjustment range of 0"-1".



## ORDER CODES

**Example Order Number:**

1-1      1-2      2 or 2A      3      4  
**JMMB23** **U** - **02** - **004** - **4**

### 1-1 Thermocouple Type

CODE		DESCRIPTION		
SINGLE	DUPLEX	TIP O.D. "D" DIM.	BOLT LENGTH	TIP STYLE
JMMB23	JJMMB23	1/8"	3"	Fixed
JMMB24	JJMMB24	1/8"	4"	Fixed
JMMB26	JJMMB26	1/8"	6"	Fixed
JMMB33	JJMMB33	3/16"	3"	Fixed
JMMB34	JJMMB34	3/16"	4"	Fixed
JMMB36	JJMMB36	3/16"	6"	Fixed
JAMB3E	JJAMB3E	5/32"	3"	Adjustable
JAMB6E	JJAMB6E	5/32"	6"	Adjustable

### 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 on fixed tip melt-bolts and exposed tip junctions are standard on adjustable tip melt-bolts. For junction styles other than the standard, specify "U" for ungrounded or "G" for grounded junction.

### 2 Tip Length for Fixed Tip Melt-Bolt

CODE	"T" TIP LENGTH	CODE	"T" TIP LENGTH
00	Flush	08	1/2"
02	1/8"	12	3/4"
04	1/4"	16	1"

### 2A Tip Length for Adjustable Tip Melt-Bolt

CODE	"T" TIP LENGTH
01	Adjustable range 0" to 1"

### 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