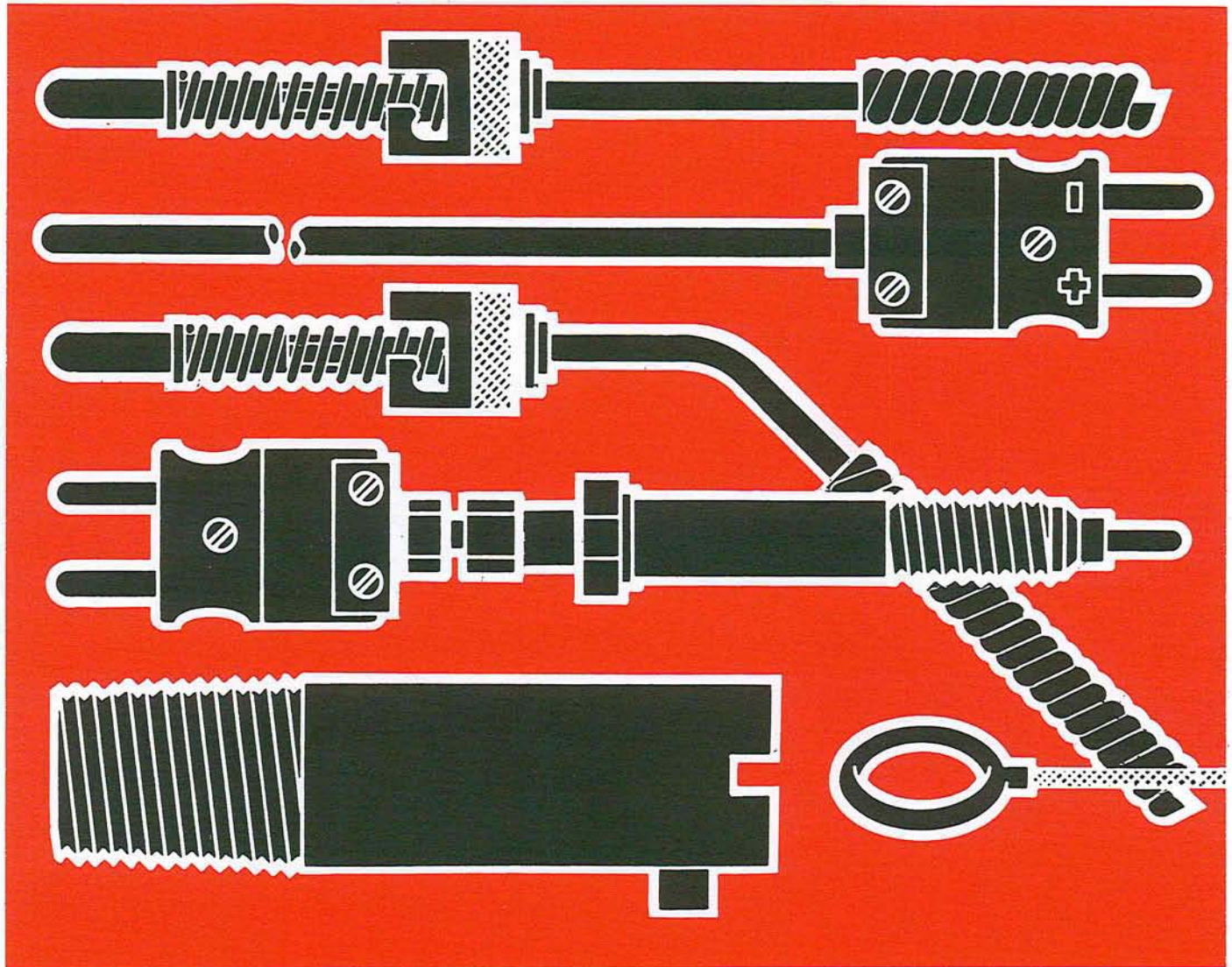


THERMOCOUPLES



FEATURES

- ADJUSTABLE DEPTH
- STAINLESS STEEL
- COMMON TYPES STANDARD
- 0° – 900° F
- FLEXIBLE EXTENSIONS
- BAYONET
- GROUNDED, UNGROUNDED OR EXPOSED JUNCTIONS
- "J" AND "K" CALIBRATIONS

APPLICATIONS

- PLASTIC MOLDING MACHINES
- EXTRUDING MACHINES
- PLATENS
- MOLDS AND DIES
- TANKS AND VESSELS
- FOOD PROCESSING
- PLATING BATHS

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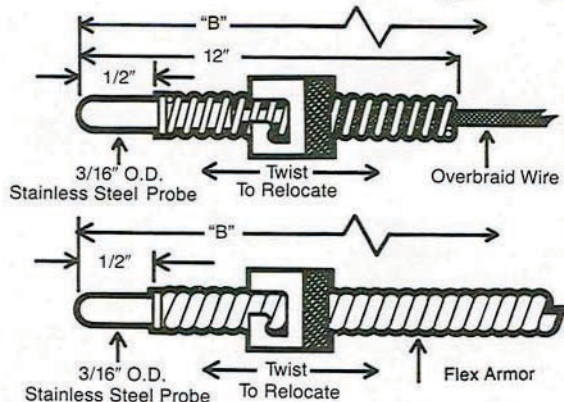
THERMOCOUPLES

ADJUSTABLE BAYONET THERMOCOUPLE

Adjustable immersion bayonet-type thermocouple with metal braid (order **AOB**), or stainless steel armor cable (order **AAC**). 3/16" diameter stainless steel probe and spade lugs standard.

12" stainless steel spring and cap-Standard (Order **AOB**)
Bayonet adjusts over entire length of steel armor (Order **AAC**)
Type "J" with grounded junction - Standard
Fits standard bayonet-type adaptors
For temperatures to 900°F (482°C)
Other lengths available

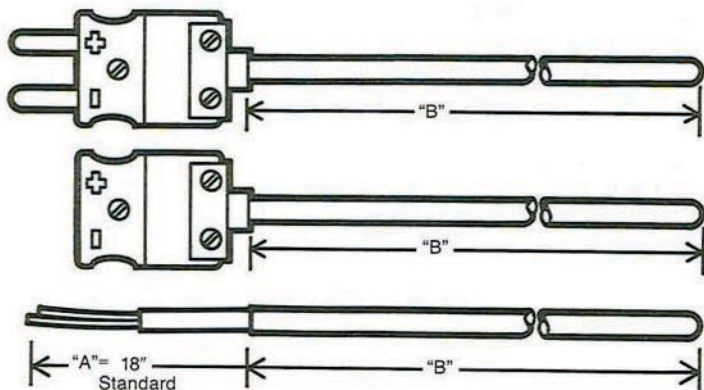
To order: AOB or AAC -J- B = inches terminal terminal
type = inches type (G or U)



GENERAL PURPOSE THERMOCOUPLE

General purpose thermocouples are furnished with 6" probe - Standard
3/16" diameter probe-Standard
"B" length = 6", 18" fiberglass leads - Standard
Type "J" with grounded junction - Standard
Stainless Steel overbraid and armor steel available - Specify
Other lead, probe length and size available

To order: GP 188 - J - B = 6 - A = - -
sheath diameter type sheath length shielding inches terminal type junction (G or U)

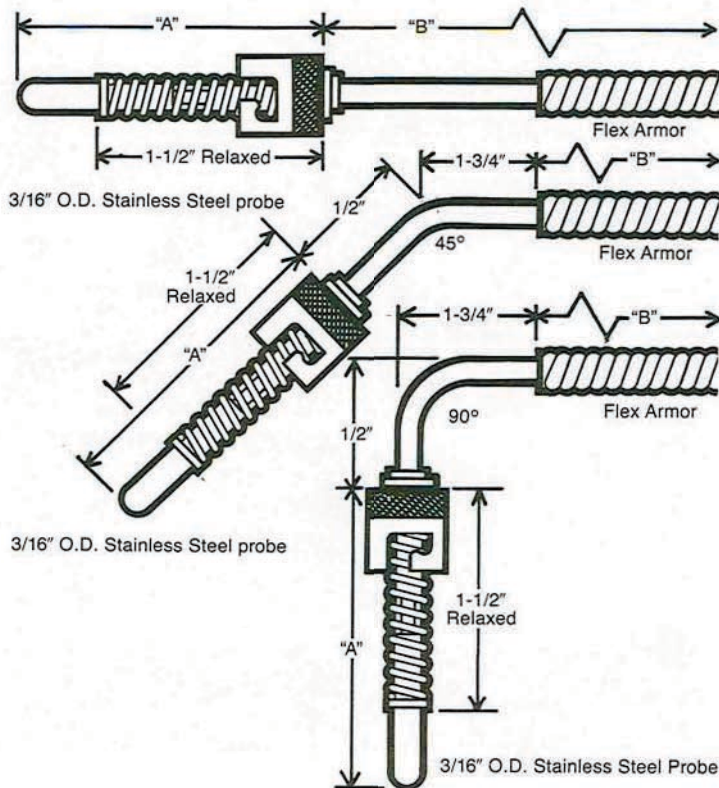


For termination refer to page 60

BAYONET THERMOCOUPLE

Stock items are furnished with 4" probe
3/16" diameter stainless steel probe - Standard
Type "J" with grounded junction - Standard
Fits standard bayonet type adaptors
Stainless steel overbraid and armor available - Specify
SPECIFY; Straight, 45° or 90° bend

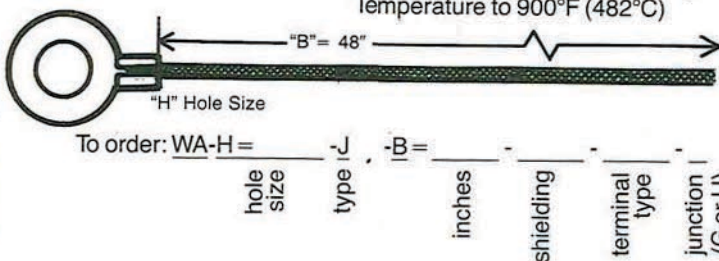
To order: BA -J- A = B = - - -
degree type inches inches shielding terminal junction (G or U)



WASHER TYPE THERMOCOUPLE

High temperature alloy ring terminal

standard hole sizes #10 lug - Standard
.190 .380 Type "J", - Standard
48" stainless overbraid - Standard
Other lengths available - Specify
Temperature to 900°F (482°C)

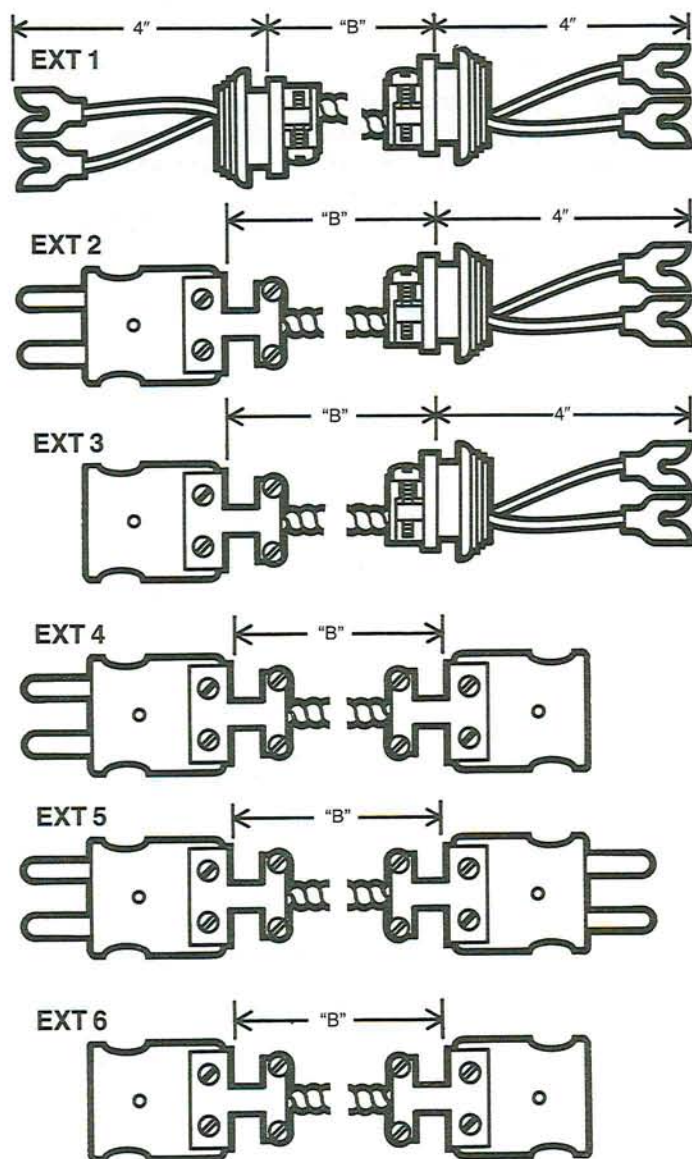


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THERMOCOUPLE EXTENSION HARNESS

Stainless steel armor – Standard
Type “J” – Standard
Standard male plug and standard female jack – Standard
Flexible conduit or fiberglass sleeving
Specify lengths and terminations

To order: EXT-J-B = - - /
 type inches shielding terminal

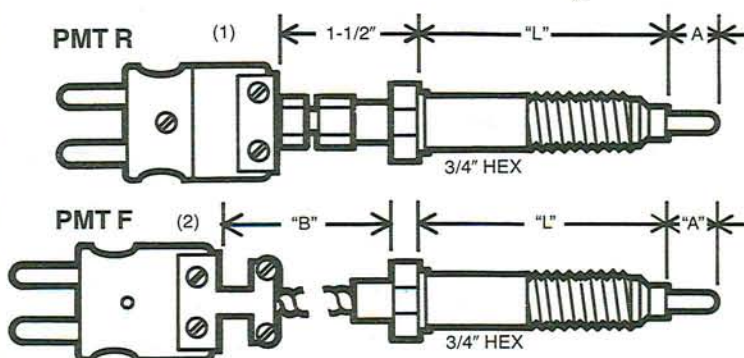


For termination refer to page 60

PLASTIC EXTRUDER MELT THERMOCOUPLE

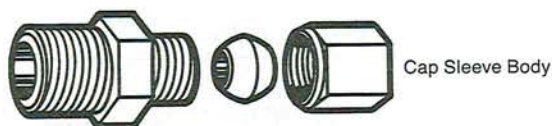
Fixed immersion length
Stainless steel construction
Single or dual element
1/8" diameter, type "J" grounded junction – Standard
Rigid or flexible extension
Supplied with standard male plug
Standard "L" dimension 3" or 6"
"A" immersion depth – fixed- 0-1" – Specify
Flexible extension 4" – Standard
1/2" – 20 UNF bolt thread

To Order: PMT - J - L = -A=LENGTH - TYPE - INCHES
type length length bolt tip rigid/ flexible



COMPRESSION FITTINGS

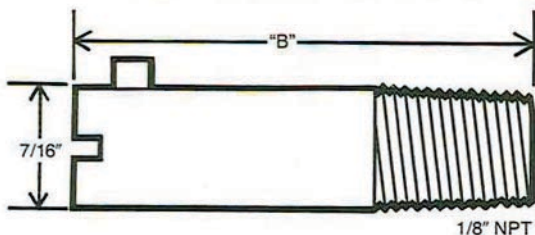
TUBE SIZE	THREAD SIZE	PART NUMBER	MATERIAL
.125	1/8" NPT	15414	Stainless Steel
.125	1/8" NPT	15413	Brass
.188	3/16" NPT	15417	Stainless Steel
.188	3/16" NPT	15416	Brass
.250	1/4" NPT	15412	Stainless Steel
.250	1/4" NPT	15418	Brass



THERMOCOUPLES

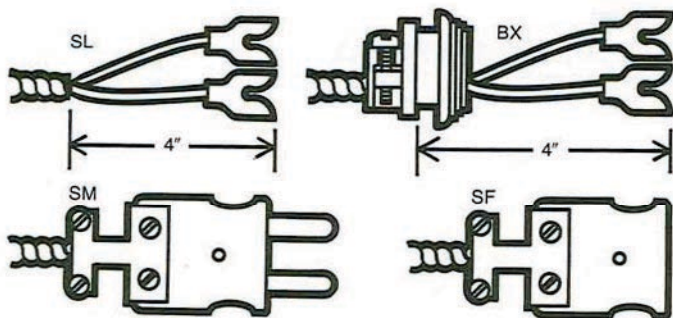
BAYONET ADAPTORS

THREAD	"B" LENGTH	PART NUMBER
1/8" NPT	7/8"	15400
1/8" NPT	1-1/2"	15404
1/8" NPT	2-1/2"	15410



TERMINAL TYPES

Spade Lugs	Standard	SL
Standard TC Plug	Specify J-K	SM
Standard TC Jack	Specify J-K	SF
Miniature TC Plug	Specify J-K	MM
Miniature TC Jack	Specify J-K	MF
Bx Connector		BX



THERMOCOUPLE PLUGS and JACKS

	PART NUMBER	TYPE	COLOR
Miniature Jack	(MF) 15506	J	Black
Miniature Plug	(MM) 15508	J	Black
Standard Plug	(SM) 15510	J	Black
Standard Jack	(SF) 15511	J	Black
Standard Plug	(SM) 15512	K	Yellow
Standard Jack	(SF) 15513	K	Yellow



HOW TO ORDER THERMOCOUPLES

1. Order by part number, if known
2. State quantity
3. Catalog number
4. Probe O.D.
5. Specify **"ALL"** lengths in inches
6. Calibration type
7. Add **"D"** for dual elements

NOTES:

1. Thermocouples are furnished **grounded**, unless otherwise specified.
2. Adaptors and compression fittings are not furnished with thermocouple and must be ordered separately.
3. 24 gauge wire used in 1/8" diameter thermocouples.
4. 20 gauge wire used in 3/16" and 1/4" diameter thermocouples.
5. 24 gauge wire used in dual elements.
6. All thermocouples are terminated with spade lugs—Standard.
7. Type **"K"** available.

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