

Thermocouple Type and Temperature Range			Limits of Error	
Thermocouple Type	Temperature Range °C	Temperature Range °F	Standard Limits Thermocouples (Whichever is greater)	Special Limits Thermocouples (Whichever is greater)
T	0 to 350	32 to 700	±1°C or ±0.75%	±0.5°C or 0.4%
J	0 to 750	32 to 1400	±2.2°C or ±0.75%	±1.1°C or 0.4%
E	0 to 900	32 to 1600	±1.7°C or ±0.5%	±1°C or 0.4%
K	0 to 1250	32 to 2300	±2.2°C or ±0.75%	±1.1°C or 0.4%
N	0 to 1250	32 to 2300	±2.2°C or ±0.75%	±1.1°C or 0.4%
R or S	0 to 1450	32 to 2700	±1.5°C or ±0.25%	±0.6°C or 0.1%
B	800 to 1700	1600 to 3100	±0.5%	-----

## Thermocouple ANSI Letter Designations

ANSI Letter	Description	Generic Names
<b>T</b>	TP	Copper
	TN	Constantan
<b>J</b>	JP	Iron
	JN	Constantan
<b>E</b>	EP	Chromel
	EN	Constantan
<b>K</b>	KP	Chromel
	KN	Alumel
<b>R</b>	RP	Platinum 13% Rhodium
	RN	Pure Platinum
<b>S</b>	SP	Platinum 10% Rhodium
	SN	Pure Platinum
<b>B</b>	BP	Platinum 30% Rhodium
	BN	Platinum 6% Rhodium
<b>N</b>	NP	Nicrosil
	NN	Nisil

Thermocouple and extension wires are specified by ANSI letter designations for calibration. Positive and negative legs are identified by the appropriate letter suffixes P and N, respectively.

# Bayonet Type Thermocouples

## Adjustable Depth Thermocouples - Stainless Steel Braided Leads

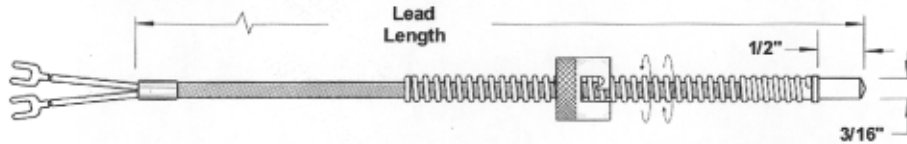
Fits Thermocouple Holes 1" to 12" Deep

Type J - Iron/Constantan    Type K - Chromel/Alumel

BMS Adjustable Depth Thermocouples are designed to fit thermocouple holes from 1" to 12" deep. They have a threaded locking cap that when rotated travels up or down the tension spring to obtain the desired immersion length. Stocked in Type J or Type K configuration with spade lugs or polarized plug termination. Fits standard bayonet adaptors.

**Features:**

- Stainless Steel Construction.
- 20 gauge stranded, fiberglass insulated wire.
- Probe tip is 3/16" O.D., approximately 1/2" long.



### Bayonet Type J Grounded Thermocouples - Stainless Steel Braided Leads

Part Number	Lead Length	with Spade Lugs			Part Number	with Polarized Male Plug		
		1 - 10	11 - 24	25+		1 - 10	11 - 24	25+
AJB-24	24"	15.20	14.15	12.95	AJB-24P	20.65	19.25	17.60
AJB-36	36"	15.20	14.15	12.95	AJB-36P	20.65	19.25	17.60
AJB-48	48"	15.20	14.15	12.95	AJB-48P	20.65	19.25	17.60
AJB-72	72"	17.95	16.70	15.30	AJB-72P	23.40	21.80	19.90
AJB-96	96"	20.65	19.25	17.60	AJB-96P	26.10	24.30	22.20
AJB-120	120"	23.40	21.80	19.90	AJB-120P	28.85	26.85	24.55
AJB-144	144"	26.10	24.30	22.20	AJB-144P	31.55	29.35	26.85

### Bayonet Type K Grounded Thermocouples - Stainless Steel Braided Leads

Part Number	Lead Length	with Spade Lugs			Part Number	with Polarized Male Plug		
		1 - 10	11 - 24	25+		1 - 10	11 - 24	25+
AKB-24	24"	17.50	16.30	14.90	AKB-24P	22.95	21.35	19.55
AKB-36	36"	17.50	16.30	14.90	AKB-36P	22.95	21.35	19.55
AKB-48	48"	17.50	16.30	14.90	AKB-48P	22.95	21.35	19.55
AKB-72	72"	21.10	19.65	17.95	AKB-72P	26.55	24.70	22.60
AKB-96	96"	24.75	23.05	21.05	AKB-96P	30.20	28.10	25.70
AKB-120	120"	28.40	26.45	24.15	AKB-120P	33.85	31.50	28.80
AKB-144	144"	32.00	29.80	27.20	AKB-144P	37.50	34.90	31.90

### Bayonet Type J Ungrounded Thermocouples

Part Number	Lead Length	with Spade Lugs		
		1 - 10	11 - 24	25+
AJB-24U	24"	20.65	19.25	17.60
AJB-36U	36"	20.65	19.25	17.60
AJB-48U	48"	20.65	19.25	17.60
AJB-72U	72"	23.40	21.80	19.90
AJB-96U	96"	26.10	24.30	22.20
AJB-120U	120"	28.85	26.85	24.55
AJB-144U	144"	31.55	29.35	26.85

**Note:**

Ungrounded Thermocouples are used on some makes of newer molding machines. They are used to isolate the thermocouple from other sources of voltage that could affect your temperature readings.

# Bayonet Type Thermocouples

## Adjustable Depth Thermocouples - Stainless Steel Armor Hose Leads

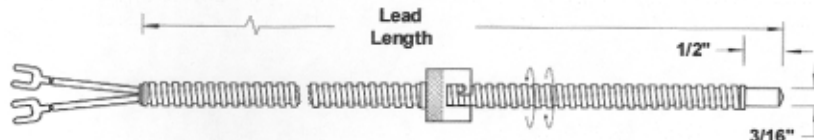
Fits Thermocouple Holes 1" to Overall Length of the Armor

Type J - Iron/Constantan Type K - Chromel/Alumel

BMS Adjustable Depth Thermocouples are designed to fit thermocouple holes from 1" to the overall length of the armor. They have a threaded locking cap that when rotated travels up or down the armor to obtain the desired immersion length. Stocked in Type J or Type K configuration with spade lugs or polarized plug termination. Fits standard bayonet adaptors.

**Features:**

- Stainless Steel Construction.
- 20 gauge stranded, fiberglass insulated wire.
- Probe tip is 3/16" O.D., approximately 1/2" long.



### Bayonet Type J Grounded Thermocouples - Stainless Steel Armor Hose Leads

Part Number	Lead Length	with Spade Lugs			Part Number	with Polarized Male Plug		
		1 - 10	11 - 24	25+		1 - 10	11 - 24	25+
AJH-24	24"	17.30	16.10	14.75	AJH-24P	22.75	21.20	19.35
AJH-36	36"	17.30	16.10	14.75	AJH-36P	22.75	21.20	19.35
AJH-48	48"	17.30	16.10	14.75	AJH-48P	22.75	21.20	19.35
AJH-72	72"	21.50	20.00	18.30	AJH-72P	26.95	25.10	22.95
AJH-96	96"	25.65	23.90	21.85	AJH-96P	31.10	28.95	26.45
AJH-120	120"	29.85	27.80	25.40	AJH-120P	35.30	32.85	30.05
AJH-144	144"	34.00	31.65	28.90	AJH-144P	39.50	36.75	33.60

### Bayonet Type K Grounded Thermocouples - Stainless Steel Armor Hose Leads

Part Number	Lead Length	with Spade Lugs			Part Number	with Polarized Male Plug		
		1 - 10	11 - 24	25+		1 - 10	11 - 24	25+
AKH-24	24"	19.55	18.20	16.65	AKH-24P	25.00	23.25	21.25
AKH-36	36"	19.55	18.20	16.65	AKH-36P	25.00	23.25	21.25
AKH-48	48"	19.55	18.20	16.65	AKH-48P	25.00	23.25	21.25
AKH-72	72"	24.65	22.95	21.00	AKH-72P	30.10	28.00	25.60
AKH-96	96"	29.75	27.70	25.30	AKH-96P	35.20	32.75	29.95
AKH-120	120"	34.85	32.45	29.65	AKH-120P	40.30	37.50	34.30
AKH-144	144"	39.95	37.20	34.00	AKH-144P	45.40	42.25	38.60

Ungrounded Stainless Steel Armor Hose Thermocouples are available as a special order. Please call with your requirements and we will promptly provide pricing and delivery information. See Note previous page.

# Metric Bayonet Thermocouples

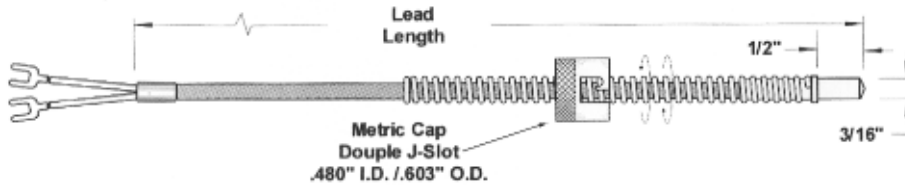
**Metric Adjustable Depth Thermocouples - Stainless Steel Braided Leads**  
Fits Thermocouple Holes 1" to 12" Deep  
Double "J" Slot Locking Cap

Type J - Iron/Constantan    Type K - Chromel/Alumel

BMS Metric Adjustable Depth Thermocouples are designed to fit thermocouple holes from 1" to 12" deep. They have a threaded double "J" slot locking cap that when rotated travels up or down the tension spring to obtain the desired immersion length. Stocked in Type J or Type K configuration with spade lugs or polarized plug termination. Fits metric bayonet adaptors, single or double J-Slot.

Features:

- Stainless Steel Construction.
- 20 gauge stranded, fiberglass insulated wire.
- Probe tip 3/16" O.D., approximately 1/2" long.



**Metric Bayonet Type J Grounded Thermocouples - Stainless Steel Braided Leads**

Part Number	Lead Length	with Spade Lugs			Part Number	with Polarized Male Plug		
		1 - 10	11 - 24	25+		1 - 10	11 - 24	25+
MAJB-24	24"	19.75	18.40	16.80	MAJB-24P	25.20	23.45	21.45
MAJB-36	36"	19.75	18.40	16.80	MAJB-36P	25.20	23.45	21.45
MAJB-48	48"	19.75	18.40	16.80	MAJB-48P	25.20	23.45	21.45
MAJB-72	72"	22.50	20.95	19.15	MAJB-72P	27.95	26.00	23.80
MAJB-96	96"	25.20	23.45	21.45	MAJB-96P	30.65	28.55	26.10
MAJB-120	120"	27.95	26.00	23.80	MAJB-120P	33.40	31.10	28.40
MAJB-144	144"	30.65	28.55	26.10	MAJB-144P	36.10	33.60	30.70

**Metric Bayonet Type K Grounded Thermocouples - Stainless Steel Braided Leads**

Part Number	Lead Length	with Spade Lugs			Part Number	with Polarized Male Plug		
		1 - 10	11 - 24	25+		1 - 10	11 - 24	25+
MAKB-24	24"	23.40	21.80	19.90	MAKB-24P	28.85	26.85	24.55
MAKB-36	36"	23.40	21.80	19.90	MAKB-36P	28.85	26.85	24.55
MAKB-48	48"	23.40	21.80	19.90	MAKB-48P	28.85	26.85	24.55
MAKB-72	72"	27.00	25.15	22.95	MAKB-72P	32.50	30.25	27.65
MAKB-96	96"	30.65	28.55	26.10	MAKB-96P	36.10	33.60	30.70
MAKB-120	120"	34.30	31.90	29.20	MAKB-120P	39.75	37.00	33.80
MAKB-144	144"	37.95	35.30	32.30	MAKB-144P	43.40	40.40	36.90

# Metric Bayonet Thermocouples

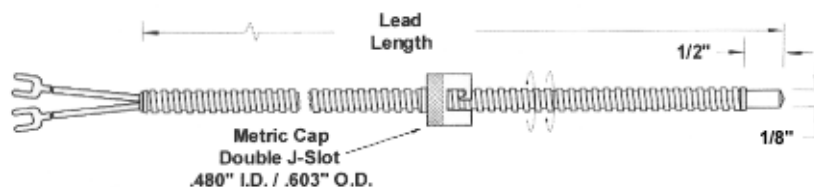
**Metric Adjustable Depth Thermocouples - Stainless Steel Armor Hose Leads**  
Fits Thermocouple Holes 1" to Overall Length of the Armor  
Double "J" Slot Locking Cap

Type J - Iron/Constantan    Type K - Chromel/Alumel

BMS Metric Adjustable Depth Thermocouples are designed to fit thermocouple holes from from 1" to the overall length of the armor. They have a threaded double "J" slot locking cap that when rotated travels up or down the armor to obtain the desired immersion length. Stocked in Type J or Type K configuration with spade lugs or polarized plug termination. Fits metric bayonet adaptors, single or double J-Slot.

Features:

- Stainless Steel Construction.
- 20 gauge stranded, fiberglass insulated wire.
- Probe tip 1/8" O.D., approximately 1/2" long.



**Metric Bayonet Type J Grounded Thermocouples - Stainless Steel Armor Hose Leads**

Part Number	Lead Length	with Spade Lugs			Part Number	with Polarized Male Plug		
		1 - 10	11 - 24	25+		1 - 10	11 - 24	25+
MAJH-24	24"	19.75	18.40	16.80	MAJH-24P	25.20	23.45	21.45
MAJH-36	36"	19.75	18.40	16.80	MAJH-36P	25.20	23.45	21.45
MAJH-48	48"	19.75	18.40	16.80	MAJH-48P	25.20	23.45	21.45
MAJH-72	72"	23.95	22.30	20.40	MAJH-72P	29.40	27.35	25.00
MAJH-96	96"	28.10	26.15	23.90	MAJH-96P	33.55	31.25	28.55
MAJH-120	120"	32.30	30.05	27.50	MAJH-120P	37.75	35.15	32.10
MAJH-144	144"	36.50	33.95	31.05	MAJH-144P	41.95	39.05	35.70

**Metric Bayonet Type K Grounded Thermocouples - Stainless Steel Armor Hose Leads**

Part Number	Lead Length	with Spade Lugs			Part Number	with Polarized Male Plug		
		1 - 10	11 - 24	25+		1 - 10	11 - 24	25+
MAKH-24	24"	23.40	21.80	19.90	MAKH-24P	28.85	26.85	24.55
MAKH-36	36"	23.40	21.80	19.90	MAKH-36P	28.85	26.85	24.55
MAKH-48	48"	23.40	21.80	19.90	MAKH-48P	28.85	26.85	24.55
MAKH-72	72"	28.50	26.55	24.25	MAKH-72P	33.95	31.60	28.90
MAKH-96	96"	33.55	31.25	28.55	MAKH-96P	39.00	36.30	33.15
MAKH-120	120"	38.65	35.95	32.90	MAKH-120P	44.10	41.05	37.50
MAKH-144	144"	43.75	40.70	37.20	MAKH-144P	49.20	45.80	41.85

# Bayonet Type Thermocouples

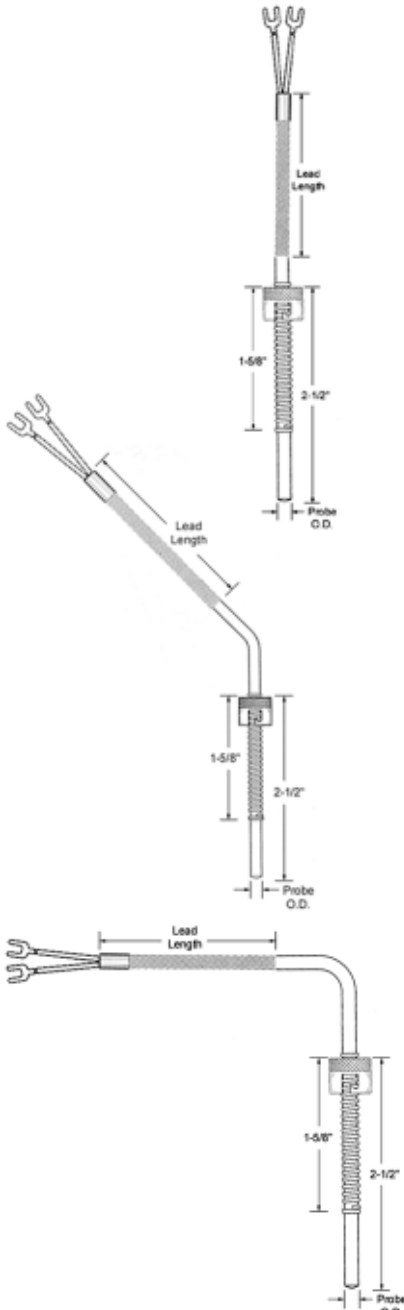
## O.E.M. Replacement Thermocouples - Stainless Steel Braided Leads

Type J - Iron/Constantan    Type K - Chromel/Alumel

BMS O.E.M. Replacement Thermocouples are designed to replace O.E.M. units having an immersion depth of 1-1/4" to 1-3/4". They have a threaded locking cap that when rotated travels up or down the tension spring to obtain the desired immersion length. Stocked in Type J or Type K configuration with spade lug termination. Fits standard bayonet adaptors.

**Features:**

- Stainless Steel Construction.
- 24 gauge stranded, fiberglass insulated wire used in 1/8" diameter, 20 gauge in the 3/16" diameter.
- Probe tip 1/8" and 3/16" O.D.



Straight Fixed Depth Thermocouples - Stainless Steel Braided Leads							
Part Number	T/C Type	Lead Length	Probe O.D.	Price	Part Number	T/C Type	Price
FDBJ-18-24	J	24"	1/8	16.00	FDBK-18-24	K	18.30
FDBJ-18-60	J	60"	1/8	17.40	FDBK-18-60	K	20.10
FDBJ-18-72	J	72"	1/8	18.75	FDBK-18-72	K	21.95
FDBJ-18-120	J	120"	1/8	24.20	FDBK-18-120	K	29.20
FDBJ-316-24	J	24"	3/16	16.00	FDBK-316-24	K	18.30
FDBJ-316-60	J	60"	3/16	17.40	FDBK-316-60	K	20.10
FDBJ-316-72	J	72"	3/16	18.75	FDBK-316-72	K	21.95
FDBJ-316-120	J	120"	3/16	24.20	FDBK-316-120	K	29.20

45 Degree Fixed Depth Thermocouples - Stainless Steel Braided Leads							
Part Number	T/C Type	Lead Length	Probe O.D.	Price	Part Number	T/C Type	Price
FDB4J-18-24	J	24"	1/8	16.95	FDB4K-18-24	K	19.20
FDB4J-18-60	J	60"	1/8	18.30	FDB4K-18-60	K	21.00
FDB4J-18-72	J	72"	1/8	19.65	FDB4K-18-72	K	22.85
FDB4J-18-120	J	120"	1/8	25.10	FDB4K-18-120	K	30.10
FDB4J-316-24	J	24"	3/16	16.95	FDB4K-316-24	K	19.20
FDB4J-316-60	J	60"	3/16	18.30	FDB4K-316-60	K	21.00
FDB4J-316-72	J	72"	3/16	19.65	FDB4K-316-72	K	22.85
FDB4J-316-120	J	120"	3/16	25.10	FDB4K-316-120	K	30.10

90 Degree Fixed Depth Thermocouples - Stainless Steel Braided Leads							
Part Number	T/C Type	Lead Length	Probe O.D.	Price	Part Number	T/C Type	Price
FDB9J-18-24	J	24"	1/8	16.95	FDB9K-18-24	K	19.20
FDB9J-18-60	J	60"	1/8	18.30	FDB9K-18-60	K	21.00
FDB9J-18-72	J	72"	1/8	19.65	FDB9K-18-72	K	22.85
FDB9J-18-120	J	120"	1/8	25.10	FDB9K-18-120	K	30.10
FDB9J-316-24	J	24"	3/16	16.95	FDB9K-316-24	K	19.20
FDB9J-316-60	J	60"	3/16	18.30	FDB9K-316-60	K	21.00
FDB9J-316-72	J	72"	3/16	19.65	FDB9K-316-72	K	22.85
FDB9J-316-120	J	120"	3/16	25.10	FDB9K-316-120	K	30.10

# Bayonet Type Thermocouples

## O.E.M. Replacement Thermocouples - Stainless Steel Armor Hose Leads

Type J - Iron/Constantan    Type K - Chromel/Alumel

BMS O.E.M. Replacement Thermocouples are designed to replace O.E.M. units having an immersion depth of 1-1/4" to 1-3/4". They have a threaded locking cap that when rotated travels up or down the armor to obtain the desired immersion length. Stocked in Type J or Type K configuration with spade lug termination. Fits standard bayonet adaptors.

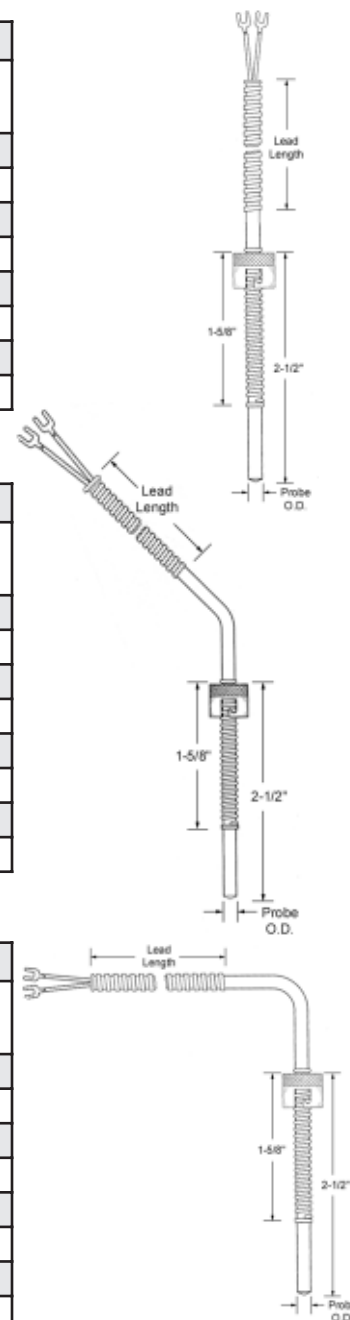
**Features:**

- **Stainless Steel Construction.**
- **24 gauge stranded, fiberglass insulated wire used in 1/8" diameter, 20 gauge in the 3/16" diameter.**
- **Probe tip 1/8" and 3/16" O.D.**

Straight Fixed Depth Thermocouples - Stainless Steel Armor Hose Leads							
Part Number	T/C Type	Lead Length	Probe O.D.	Price	Part Number	T/C Type	Price
FDHJ-18-24	J	24"	1/8	18.85	FDHK-18-24	K	21.10
FDHJ-18-60	J	60"	1/8	20.95	FDHK-18-60	K	23.65
FDHJ-18-72	J	72"	1/8	23.00	FDHK-18-72	K	26.20
FDHJ-18-120	J	120"	1/8	31.40	FDHK-18-120	K	36.40
FDHJ-316-24	J	24"	3/16	18.85	FDHK-316-24	K	21.10
FDHJ-316-60	J	60"	3/16	20.95	FDHK-316-60	K	23.65
FDHJ-316-72	J	72"	3/16	23.00	FDHK-316-72	K	26.20
FDHJ-316-120	J	120"	3/16	31.40	FDHK-316-120	K	36.40

45 Degree Fixed Depth Thermocouples - Stainless Steel Armor Hose Leads							
Part Number	T/C Type	Lead Length	Probe O.D.	Price	Part Number	T/C Type	Price
FDH4J-18-24	J	24"	1/8	19.75	FDH4K-18-24	K	22.00
FDH4J-18-60	J	60"	1/8	21.85	FDH4K-18-60	K	24.55
FDH4J-18-72	J	72"	1/8	23.95	FDH4K-18-72	K	27.10
FDH4J-18-120	J	120"	1/8	32.30	FDH4K-18-120	K	37.30
FDH4J-316-24	J	24"	3/16	19.75	FDH4K-316-24	K	22.00
FDH4J-316-60	J	60"	3/16	21.85	FDH4K-316-60	K	24.55
FDH4J-316-72	J	72"	3/16	23.95	FDH4K-316-72	K	27.10
FDH4J-316-120	J	120"	3/16	32.30	FDH4K-316-120	K	37.30

90 Degree Fixed Depth Thermocouples - Stainless Steel Armor Hose Leads							
Part Number	T/C Type	Lead Length	Probe O.D.	Price	Part Number	T/C Type	Price
FDH9J-18-24	J	24"	1/8	19.75	FDH9K-18-24	K	22.00
FDH9J-18-60	J	60"	1/8	21.85	FDH9K-18-60	K	24.55
FDH9J-18-72	J	72"	1/8	23.95	FDH9K-18-72	K	27.10
FDH9J-18-120	J	120"	1/8	32.30	FDH9K-18-120	K	37.30
FDH9J-316-24	J	24"	3/16	19.75	FDH9K-316-24	K	22.00
FDH9J-316-60	J	60"	3/16	21.85	FDH9K-316-60	K	24.55
FDH9J-316-72	J	72"	3/16	23.95	FDH9K-316-72	K	27.10
FDH9J-316-120	J	120"	3/16	32.30	FDH9K-316-120	K	37.30



## Bendable Compression Type Thermocouples - Stainless Steel Braided Leads

Type J - Iron/Constantan    Type K - Chromel/Alumel

BMS Bendable Compression Type Thermocouples are designed for use when a special bend above the compression fitting is needed. Adjustable to different hole depths simply by adjusting the compression fitting along the length of the probe. Stocked in Type J or Type K configuration with spade lug termination. Compression fitting not included. See page 389 for complete listing of available compression fittings.

**Features:**

- Stainless Steel Construction.
- 24 gauge stranded, fiberglass insulated wire used in 1/8" diameter, 20 gauge in the 3/16" diameter.
- Probe tip 1/8" and 3/16" O.D.



### Bendable Compression Type Thermocouples - Type J - Stainless Steel Braided Leads

Part Number	Type	Probe Diameter	Probe Length	Lead Length	Price	Part Number	Probe Diameter	Price
CTJB-3-18-48	J	1/8"	3"	48"	13.20	CTJB-3-316-48	3/16"	13.20
CTJB-3-18-72	J	1/8"	3"	72"	15.95	CTJB-3-316-72	3/16"	15.95
CTJB-3-18-120	J	1/8"	3"	120"	21.75	CTJB-3-316-120	3/16"	21.40
CTJB-6-18-48	J	1/8"	6"	48"	13.95	CTJB-6-316-48	3/16"	13.95
CTJB-6-18-72	J	1/8"	6"	72"	16.65	CTJB-6-316-72	3/16"	16.65
CTJB-6-18-120	J	1/8"	6"	120"	22.10	CTJB-6-316-120	3/16"	22.10
CTJB-12-18-48	J	1/8"	12"	48"	16.10	CTJB-12-316-48	3/16"	16.10
CTJB-12-18-72	J	1/8"	12"	72"	18.85	CTJB-12-316-72	3/16"	18.85
CTJB-12-18-120	J	1/8"	12"	120"	24.30	CTJB-12-316-120	3/16"	24.30

### Bendable Compression Type Thermocouples - Type K - Stainless Steel Braided Leads

Part Number	Type	Probe Diameter	Probe Length	Lead Length	Price	Part Number	Probe Diameter	Price
CTKB-3-18-48	K	1/8"	3"	48"	15.50	CTKB-3-316-48	3/16"	15.50
CTKB-3-18-72	K	1/8"	3"	72"	19.10	CTKB-3-316-72	3/16"	19.10
CTKB-3-18-120	K	1/8"	3"	120"	26.40	CTKB-3-316-120	3/16"	26.40
CTKB-6-18-48	K	1/8"	6"	48"	16.40	CTKB-6-316-48	3/16"	16.40
CTKB-6-18-72	K	1/8"	6"	72"	20.00	CTKB-6-316-72	3/16"	20.00
CTKB-6-18-120	K	1/8"	6"	120"	27.30	CTKB-6-316-120	3/16"	27.30
CTKB-12-18-48	K	1/8"	12"	48"	19.10	CTKB-12-316-48	3/16"	19.10
CTKB-12-18-72	K	1/8"	12"	72"	22.75	CTKB-12-316-72	3/16"	22.75
CTKB-12-18-120	K	1/8"	12"	120"	30.00	CTKB-12-316-120	3/16"	30.00



## Bendable Compression Type Thermocouples - Stainless Steel Armor Hose Leads Type J - Iron/Constantan    Type K - Chromel/Alumel

BMS Bendable Compression Type Thermocouples are designed for use when a special bend above the compression fitting is needed. Adjustable to different hole depths simply by adjusting the compression fitting along the length of the probe. Stocked in Type J or Type K configuration with spade lug termination. Compression fitting not included. See page 389 for complete listing of available compression fittings.

**Features:**

- Stainless Steel Construction.
- 24 gauge stranded, fiberglass insulated wire used in 1/8" diameter, 20 gauge in the 3/16" diameter.
- Probe tip 1/8" and 3/16" O.D.



Bendable Compression Type Thermocouples - Type J - Stainless Steel Armor Hose Leads								
Part Number	Type	Probe Diameter	Probe Length	Lead Length	Price	Part Number	Probe Diameter	Price
CTJH-3-18-48	J	1/8"	3"	48"	15.65	CTJH-3-316-48	3/16"	15.65
CTJH-3-18-72	J	1/8"	3"	72"	18.40	CTJH-3-316-72	3/16"	18.40
CTJH-3-18-120	J	1/8"	3"	120"	23.85	CTJH-3-316-120	3/16"	23.85
CTJH-6-18-48	J	1/8"	6"	48"	16.40	CTJH-6-316-48	3/16"	16.40
CTJH-6-18-72	J	1/8"	6"	72"	19.10	CTJH-6-316-72	3/16"	19.10
CTJH-6-18-120	J	1/8"	6"	120"	24.55	CTJH-6-316-120	3/16"	24.55
CTJH-12-18-48	J	1/8"	12"	48"	18.55	CTJH-12-316-48	3/16"	18.55
CTJH-12-18-72	J	1/8"	12"	72"	21.30	CTJH-12-316-72	3/16"	21.30
CTJH-12-18-120	J	1/8"	12"	120"	26.75	CTJH-12-316-120	3/16"	26.75

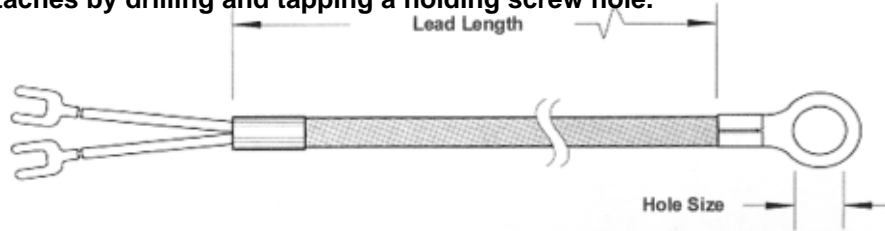
Bendable Compression Type Thermocouples - Type K - Stainless Steel Armor Hose Leads								
Part Number	Type	Probe Diameter	Probe Length	Lead Length	Price	Part Number	Probe Diameter	Price
CTKH-3-18-48	K	1/8"	3"	48"	17.85	CTKH-3-316-48	3/16"	17.95
CTKH-3-18-72	K	1/8"	3"	72"	21.50	CTKH-3-316-72	3/16"	21.55
CTKH-3-18-120	K	1/8"	3"	120"	26.95	CTKH-3-316-120	3/16"	28.85
CTKH-6-18-48	K	1/8"	6"	48"	18.85	CTKH-6-316-48	3/16"	18.85
CTKH-6-18-72	K	1/8"	6"	72"	22.50	CTKH-6-316-72	3/16"	22.50
CTKH-6-18-120	K	1/8"	6"	120"	29.75	CTKH-6-316-120	3/16"	29.75
CTKH-12-18-48	K	1/8"	12"	48"	21.55	CTKH-12-316-48	3/16"	21.55
CTKH-12-18-72	K	1/8"	12"	72"	25.20	CTKH-12-316-72	3/16"	25.20
CTKH-12-18-120	K	1/8"	12"	120"	32.50	CTKH-12-316-120	3/16"	32.50

# Washer Type Thermocouples

## Washer Type Thermocouples - Stainless Steel Braided Leads

Type J - Iron/Constantan    Type K - Chromel/Alumel

BMS Washer Type Thermocouples are designed for use when surface temperature of barrels, nozzles, die heads, and molds is desired. Stocked in Type J or Type K configuration with spade lug termination. Attaches by drilling and tapping a holding screw hole.



Washer Type Thermocouples - Type J and K - Stainless Steel Braided Leads

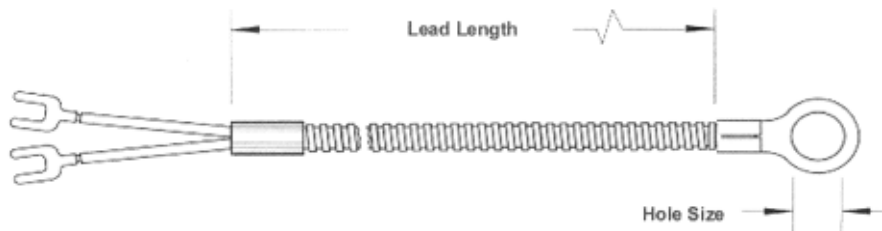
Part Number	Type	Stud Size	Washer I.D.	Washer O.D.	Lead Length	Price	Part Number	Type	Price
WT1-JB-36	J	#6	.147"	.375"	36"	13.95	WT1-KB-36	K	16.20
WT1-JB-48	J	#6	.147"	.375"	48"	13.95	WT1-KB-48	K	16.20
WT1-JB-60	J	#6	.147"	.375"	60"	15.30	WT1-KB-60	K	18.00
WT1-JB-72	J	#6	.147"	.375"	72"	16.65	WT1-KB-72	K	19.85
WT1-JB-96	J	#6	.147"	.375"	96"	19.40	WT1-KB-96	K	22.55
WT1-JB-120	J	#6	.147"	.375"	120"	22.10	WT1-KB-120	K	27.10
WT3-JB-36	J	#8	.174"	.375"	36"	13.95	WT3-KB-36	K	16.20
WT3-JB-48	J	#8	.174"	.375"	48"	13.95	WT3-KB-48	K	16.20
WT3-JB-60	J	#8	.174"	.375"	60"	15.30	WT3-KB-60	K	18.00
WT3-JB-72	J	#8	.174"	.375"	72"	16.65	WT3-KB-72	K	19.85
WT3-JB-96	J	#8	.174"	.375"	96"	19.40	WT3-KB-96	K	22.55
WT3-JB-120	J	#8	.174"	.375"	120"	22.10	WT3-KB-120	K	25.30
WT5-JB-36	J	#10	.199"	.375"	36"	13.95	WT5-KB-36	K	16.20
WT5-JB-48	J	#10	.199"	.375"	48"	13.95	WT5-KB-48	K	16.20
WT5-JB-60	J	#10	.199"	.375"	60"	15.30	WT5-KB-60	K	18.00
WT5-JB-72	J	#10	.199"	.375"	72"	16.65	WT5-KB-72	K	19.85
WT5-JB-96	J	#10	.199"	.375"	96"	19.40	WT5-KB-96	K	22.55
WT5-JB-120	J	#10	.199"	.375"	120"	22.10	WT5-KB-120	K	25.30
WT250-JB-36	J	1/4"	.265"	.531"	36"	13.95	WT250-KB-36	K	16.20
WT250-JB-48	J	1/4"	.265"	.531"	48"	13.95	WT250-KB-48	K	16.20
WT250-JB-60	J	1/4"	.265"	.531"	60"	15.30	WT250-KB-60	K	18.00
WT250-JB-72	J	1/4"	.265"	.531"	72"	16.65	WT250-KB-72	K	19.85
WT250-JB-96	J	1/4"	.265"	.531"	96"	19.40	WT250-KB-96	K	22.55
WT250-JB-120	J	1/4"	.265"	.531"	120"	22.10	WT250-KB-120	K	25.30
WT375-JB-36	J	3/8"	.386"	.589"	36"	13.95	WT375-KB-36	K	16.20
WT375-JB-48	J	3/8"	.386"	.589"	48"	13.95	WT375-KB-48	K	16.20
WT375-JB-60	J	3/8"	.386"	.589"	60"	15.30	WT375-KB-60	K	18.00
WT375-JB-72	J	3/8"	.386"	.589"	72"	16.65	WT375-KB-72	K	19.85
WT375-JB-96	J	3/8"	.386"	.589"	96"	19.40	WT375-KB-96	K	22.55
WT375-JB-120	J	3/8"	.386"	.589"	120"	22.10	WT375-KB-120	K	25.30

# Washer Type Thermocouples

## Washer Type Thermocouples - Stainless Steel Armor Hose Leads

Type J - Iron/Constantan    Type K - Chromel/Alumel

BMS Washer Type Thermocouples are designed for use when surface temperature of barrels, nozzles, die heads, and molds is desired. Stocked in Type J or Type K configuration with spade lug termination. Attaches by drilling and tapping a holding screw hole.



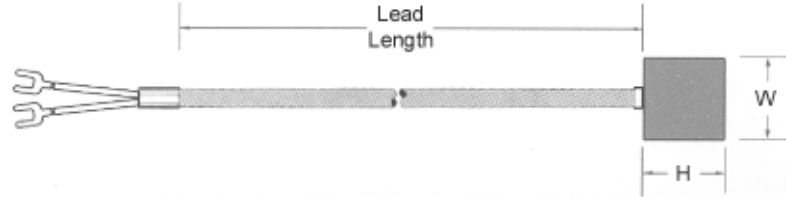
Washer Type Thermocouples - Type J and K - Stainless Steel Armor Hose Leads									
Part Number	Type	Stud Size	Washer I.D.	Washer O.D.	Lead Length	Price	Part Number	Type	Price
WT1-JH-36	J	#6	.147"	.375"	36"	17.75	WT1-KH-36	K	20.00
WT1-JH-48	J	#6	.147"	.375"	48"	17.75	WT1-KH-48	K	20.00
WT1-JH-60	J	#6	.147"	.375"	60"	19.85	WT1-KH-60	K	22.55
WT1-JH-72	J	#6	.147"	.375"	72"	21.95	WT1-KH-72	K	25.10
WT1-JH-96	J	#6	.147"	.375"	96"	26.10	WT1-KH-96	K	30.20
WT1-JH-120	J	#6	.147"	.375"	120"	34.50	WT1-KH-120	K	40.40
WT3-JH-36	J	#8	.174"	.375"	36"	18.10	WT3-KH-36	K	20.00
WT3-JH-48	J	#8	.174"	.375"	48"	18.10	WT3-KH-48	K	20.00
WT3-JH-60	J	#8	.174"	.375"	60"	19.85	WT3-KH-60	K	22.55
WT3-JH-72	J	#8	.174"	.375"	72"	21.95	WT3-KH-72	K	25.10
WT3-JH-96	J	#8	.174"	.375"	96"	26.10	WT3-KH-96	K	30.20
WT3-JH-120	J	#8	.174"	.375"	120"	34.50	WT3-KH-120	K	40.40
WT5-JH-36	J	#10	.199"	.375"	36"	18.10	WT5-KH-36	K	20.00
WT5-JH-48	J	#10	.199"	.375"	48"	18.10	WT5-KH-48	K	20.00
WT5-JH-60	J	#10	.199"	.375"	60"	19.85	WT5-KH-60	K	22.55
WT5-JH-72	J	#10	.199"	.375"	72"	21.95	WT5-KH-72	K	25.10
WT5-JH-96	J	#10	.199"	.375"	96"	27.00	WT5-KH-96	K	30.20
WT5-JH-120	J	#10	.199"	.375"	120"	34.50	WT5-KH-120	K	40.40
WT250-JH-36	J	1/4"	.265"	.531"	36"	18.10	WT250-KH-36	K	20.00
WT250-JH-48	J	1/4"	.265"	.531"	48"	18.10	WT250-KH-48	K	20.00
WT250-JH-60	J	1/4"	.265"	.531"	60"	19.85	WT250-KH-60	K	22.55
WT250-JH-72	J	1/4"	.265"	.531"	72"	21.95	WT250-KH-72	K	25.10
WT250-JH-96	J	1/4"	.265"	.531"	96"	26.10	WT250-KH-96	K	30.20
WT250-JH-120	J	1/4"	.265"	.531"	120"	34.50	WT-250-KH-120	K	40.40
WT375-JH-36	J	3/8"	.386"	.589"	36"	18.10	WT375-KH-36	K	20.00
WT375-JH-48	J	3/8"	.386"	.589"	48"	18.10	WT375-KH-48	K	20.00
WT375-JH-60	J	3/8"	.386"	.589"	60"	19.85	WT375-KH-60	K	22.55
WT375-JH-72	J	3/8"	.386"	.589"	72"	21.95	WT375-KH-72	K	25.10
WT375-JH-96	J	3/8"	.386"	.589"	96"	26.10	WT375-KH-96	K	30.20
WT375-JH-120	J	3/8"	.386"	.589"	120"	34.50	WT375-KH-120	K	40.40

# Spade Type Thermocouples

## Spade Type Thermocouples - Stainless Steel Braided Leads

Type J - Iron/Constantan    Type K - Chromel/Alumel

BMS Spade Type Thermocouples are designed for surface temperature measurement where a drilled thermocouple hole is impractical. They can be placed under a heater band or held in place by a strap or hose clamp. Stocked in Type J or Type K configuration with spade lug termination. Stocked in 4 different spade sizes to suit every application.



Spade Type Thermocouples - Type J and K - Stainless Steel Braided Leads

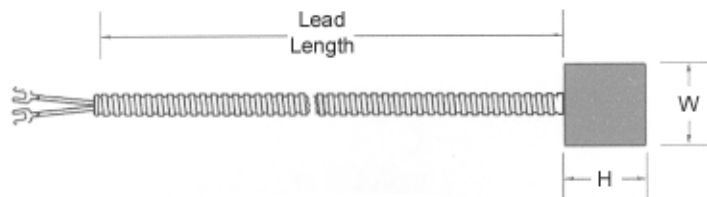
Part Number	Type	Spade Size	Lead Length	Price	Part Number	Type	Price
ST11-JB-36	J	1/2" X 1/2"	36"	16.40	ST11-KB-36	K	18.65
ST11-JB-48	J	1/2" X 1/2"	48"	16.40	ST11-KB-48	K	18.65
ST11-JB-60	J	1/2" X 1/2"	60"	17.75	ST11-KB-60	K	20.50
ST11-JB-72	J	1/2" X 1/2"	72"	19.10	ST11-KB-72	K	22.30
ST11-JB-96	J	1/2" X 1/2"	96"	21.85	ST11-KB-96	K	25.95
ST11-JB-120	J	1/2" X 1/2"	120"	24.55	ST11-KB-120	K	29.55
ST33-JB-36	J	3/4" X 3/4"	36"	16.40	ST33-KB-36	K	18.65
ST33-JB-48	J	3/4" X 3/4"	48"	16.40	ST33-KB-48	K	18.65
ST33-JB-60	J	3/4" X 3/4"	60"	17.75	ST33-KB-60	K	20.50
ST33-JB-72	J	3/4" X 3/4"	72"	19.10	ST33-KB-72	K	22.30
ST33-JB-96	J	3/4" X 3/4"	96"	21.85	ST33-KB-96	K	25.95
ST33-JB-120	J	3/4" X 3/4"	120"	24.55	ST33-KB-120	K	29.55
ST37-JB-36	J	3/4" X 7/8"	36"	16.40	ST37-KB-36	K	18.65
ST37-JB-48	J	3/4" X 7/8"	48"	16.40	ST37-KB-48	K	18.65
ST37-JB-60	J	3/4" X 7/8"	60"	17.75	ST37-KB-60	K	20.50
ST37-JB-72	J	3/4" X 7/8"	72"	19.10	ST37-KB-72	K	22.30
ST37-JB-96	J	3/4" X 7/8"	96"	21.85	ST37-KB-96	K	25.95
ST37-JB-120	J	3/4" X 7/8"	120"	24.55	ST37-KB-120	K	29.55
ST1010-JB-36	J	1" X 1"	36"	16.40	ST1010-KB-36	K	18.65
ST1010-JB-48	J	1" X 1"	48"	16.40	ST1010-KB-48	K	18.65
ST1010-JB-60	J	1" X 1"	60"	17.75	ST1010-KB-60	K	20.50
ST1010-JB-72	J	1" X 1"	72"	19.10	ST1010-KB-72	K	22.30
ST1010-JB-96	J	1" X 1"	96"	21.85	ST1010-KB-96	K	25.95
ST1010-JB-120	J	1" X 1"	120"	24.55	ST1010-KB-120	K	29.55

# Spade Type Thermocouples

## Spade Type Thermocouples - Stainless Steel Armor Hose Leads

Type J - Iron/Constantan    Type K - Chromel/Alumel

**BMS Spade Type Thermocouples are designed for surface temperature measurement where a drilled thermocouple hole is impractical. They can be placed under a heater band or held in place by a strap or hose clamp. Stocked in Type J or Type K configuration with spade lug termination. Stocked in 4 different spade sizes to suit every application.**



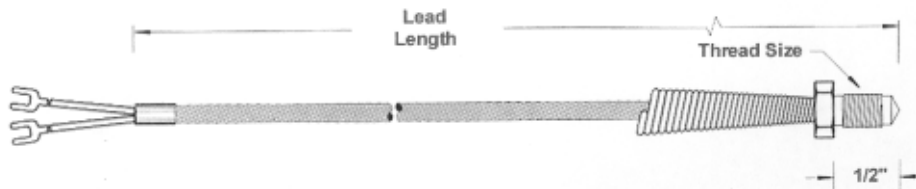
Spade Type Thermocouples - Type J and K - Stainless Steel Armor Hose Leads							
Part Number	Type	Spade Size	Lead Length	Price	Part Number	Type	Price
ST11-JH-36	J	1/2" X 1/2"	36"	18.65	ST11-KH-36	K	20.95
ST11-JH-48	J	1/2" X 1/2"	48"	18.65	ST11-KH-48	K	20.95
ST11-JH-60	J	1/2" X 1/2"	60"	20.75	ST11-KH-60	K	23.50
ST11-JH-72	J	1/2" X 1/2"	72"	22.85	ST11-KH-72	K	26.00
ST11-JH-96	J	1/2" X 1/2"	96"	27.00	ST11-KH-96	K	31.10
ST11-JH-120	J	1/2" X 1/2"	120"	31.20	ST11-KH-120	K	36.20
ST33-JH-36	J	3/4" X 3/4"	36"	18.65	ST33-KH-36	K	20.95
ST33-JH-48	J	3/4" X 3/4"	48"	18.65	ST33-KH-48	K	20.95
ST33-JH-60	J	3/4" X 3/4"	60"	20.75	ST33-KH-60	K	23.50
ST33-JH-72	J	3/4" X 3/4"	72"	22.85	ST33-KH-72	K	26.00
ST33-JH-96	J	3/4" X 3/4"	96"	27.00	ST33-KH-96	K	31.10
ST33-JH-120	J	3/4" X 3/4"	120"	31.20	ST33-KH-120	K	36.20
ST37-JH-36	J	3/4" X 7/8"	36"	18.65	ST37-KH-36	K	20.95
ST37-JH-48	J	3/4" X 7/8"	48"	18.65	ST37-KH-48	K	20.95
ST37-JH-60	J	3/4" X 7/8"	60"	20.75	ST37-KH-60	K	23.50
ST37-JH-72	J	3/4" X 7/8"	72"	22.85	ST37-KH-72	K	26.00
ST37-JH-96	J	3/4" X 7/8"	96"	27.00	ST37-KH-96	K	31.10
ST37-JH-120	J	3/4" X 7/8"	120"	31.20	ST37-KH-120	K	36.20
ST1010-JB-36	J	1" X 1"	36"	18.65	ST1010-KH-36	K	20.95
ST1010-JH-48	J	1" X 1"	48"	18.65	ST1010-KH-48	K	20.95
ST1010-JH-60	J	1" X 1"	60"	20.75	ST1010-KH-60	K	23.50
ST1010-JH-72	J	1" X 1"	72"	22.85	ST1010-KH-72	K	26.00
ST1010-JH-96	J	1" X 1"	96"	27.00	ST1010-KH-96	K	31.10
ST1010-JH-120	J	1" X 1"	120"	31.20	ST1010-KH-120	K	36.20

# Shallow Nozzle Thermocouples

## Shallow Nozzle Thermocouples - Stainless Steel Braided Leads

Type J - Iron/Constantan    Type K - Chromel/Alumel

BMS Shallow Nozzle Thermocouples are designed for injection nozzles because it only requires a 1/4" deep hole. Stocked in Type J or Type K configuration with spade lug termination. Stocked in 3 different thread sizes to suit most popular applications.



Shallow Nozzle Thermocouples - Type J and K - Stainless Steel Braided Leads

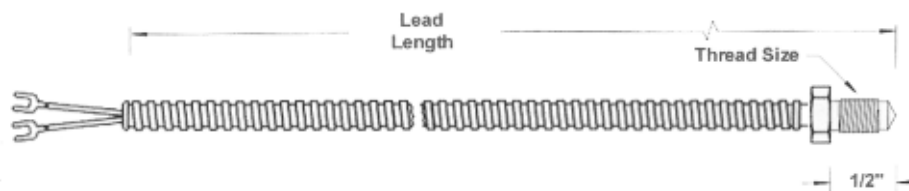
Part Number	Type	Thread Size	Lead Length	Price	Part Number	Type	Price
SN14-JB-36	J	1/4-28 N.F.	36"	16.40	SN14-KB-36	K	18.65
SN14-JB-48	J	1/4-28 N.F.	48"	16.40	SN14-KB-48	K	18.65
SN14-JB-60	J	1/4-28 N.F.	60"	17.75	SN14-KB-60	K	20.50
SN14-JB-72	J	1/4-28 N.F.	72"	19.10	SN14-KB-72	K	22.30
SN14-JB-96	J	1/4-28 N.F.	96"	21.85	SN14-KB-96	K	25.95
SN14-JB-120	J	1/4-28 N.F.	120"	24.55	SN14-KB-120	K	29.55
SNM6-JB-36	J	M6 X 1 Metric	36"	20.00	SNM6-KB-36	K	22.30
SNM6-JB-48	J	M6 X 1 Metric	48"	20.00	SNM6-KB-48	K	22.30
SNM6-JB-60	J	M6 X 1 Metric	60"	21.40	SNM6-KB-60	K	24.10
SNM6-JB-72	J	M6 X 1 Metric	72"	22.75	SNM6-KB-72	K	25.95
SNM6-JB-96	J	M6 X 1 Metric	96"	25.50	SNM6-KB-96	K	29.55
SNM6-JB-120	J	M6 X 1 Metric	120"	28.20	SNM6-KB-120	K	33.20
SNM8-JB-36	J	M8 x 1.25 Metric	36"	20.00	SNM8-KB-36	K	22.30
SNM8-JB-48	J	M8 x 1.25 Metric	48"	20.00	SNM8-KB-48	K	22.30
SNM8-JB-60	J	M8 x 1.25 Metric	60"	21.40	SNM8-KB-60	K	24.10
SNM8-JB-72	J	M8 x 1.25 Metric	72"	22.75	SNM8-KB-72	K	25.95
SNM8-JB-96	J	M8 x 1.25 Metric	96"	25.50	SNM8-KB-96	K	29.55
SNM8-JB-120	J	M8 x 1.25 Metric	120"	28.20	SNM8-KB-120	K	33.20

# Shallow Nozzle Thermocouples

## Shallow Nozzle Thermocouples - Stainless Steel Armor Hose Leads

Type J - Iron/Constantan    Type K - Chromel/Alumel

BMS Shallow Nozzle Thermocouples are designed for injection nozzles because it only requires a 1/4" deep hole. Stocked in Type J or Type K configuration with spade lug termination. Stocked in 3 different thread sizes to suit most popular applications.



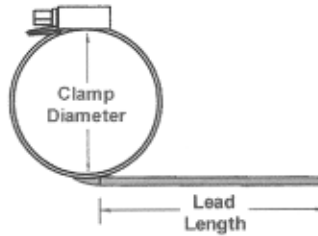
Shallow Nozzle Thermocouples - Type J and K - Stainless Armor Hose Leads							
Part Number	Type	Thread Size	Lead Length	Price	Part Number	Type	Price
SN14-JH-36	J	1/4-28 N.F.	36"	19.10	SN14-KH-36	K	21.40
SN14-JH-48	J	1/4-28 N.F.	48"	19.10	SN14-KH-48	K	21.40
SN14-JH-60	J	1/4-28 N.F.	60"	21.20	SN14-KH-60	K	23.95
SN14-JH-72	J	1/4-28 N.F.	72"	23.30	SN14-KH-72	K	26.50
SN14-JH-96	J	1/4-28 N.F.	96"	27.50	SN14-KH-96	K	31.55
SN14-JH-120	J	1/4-28 N.F.	120"	31.65	SN14-KH-120	K	36.65
SNM6-JH-36	J	M6 X 1 Metric	36"	22.75	SNM6-KH-36	K	25.00
SNM6-JH-48	J	M6 X 1 Metric	48"	22.75	SNM6-KH-48	K	25.00
SNM6-JH-60	J	M6 X 1 Metric	60"	24.85	SNM6-KH-60	K	27.55
SNM6-JH-72	J	M6 X 1 Metric	72"	26.95	SNM6-KH-72	K	31.10
SNM6-JH-96	J	M6 X 1 Metric	96"	31.10	SNM6-KH-96	K	35.20
SNM6-JH-120	J	M6 X 1 Metric	120"	35.30	SNM6-KH-120	K	40.30
SNM8-JH-36	J	M8 x 1.25 Metric	36"	22.75	SNM8-KH-36	K	25.00
SNM8-JH-48	J	M8 x 1.25 Metric	48"	22.75	SNM8-KH-48	K	25.00
SNM8-JH-60	J	M8 x 1.25 Metric	60"	24.85	SNM8-KH-60	K	27.55
SNM8-JH-72	J	M8 x 1.25 Metric	72"	26.95	SNM8-KH-72	K	30.10
SNM8-JH-96	J	M8 x 1.25 Metric	96"	31.10	SNM8-KH-96	K	35.20
SNM8-JH-120	J	M8 x 1.25 Metric	120"	35.30	SNM8-KH-120	K	40.30

# Nozzle Clamp Thermocouples

## Nozzle Clamp Thermocouples - Stainless Steel Braided Leads

Type J - Iron/Constantan    Type K - Chromel/Alumel

**BMS Nozzle Clamp Thermocouples are designed where a drilled thermocouple hole is impractical or does not exist. Stocked in Type J or Type K configuration with spade lug termination. All Stainless Steel hose clamps are 1/2" wide. Stocked in 6 different clamp diameters to fit most popular nozzle applications.**



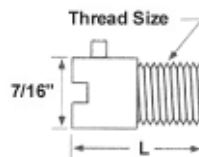
Nozzle Clamp Thermocouples - Type J and K - Stainless Steel Braided Leads

Part Number	Type	Clamp Diameter	Lead Length	Price	Part Number	Type	Price
NC58-JB-36	J	5/8" (16mm)	36"	26.40	NC58-KB-36	K	30.40
NC58-JB-72	J	5/8" (16mm)	72"	29.10	NC58-KB-72	K	33.65
NC58-JB-96	J	5/8" (16mm)	96"	31.85	NC58-KB-96	K	36.95
NC58-JB-120	J	5/8" (16mm)	120"	34.55	NC58-KB-120	K	40.20
NC112-JB-36	J	1-1/2" (40mm)	36"	26.40	NC112-KB-36	K	30.40
NC112-JB-72	J	1-1/2" (40mm)	72"	29.10	NC112-KB-72	K	33.65
NC112-JB-96	J	1-1/2" (40mm)	96"	31.85	NC112-KB-96	K	36.95
NC112-JB-120	J	1-1/2" (40mm)	120"	34.55	NC112-KB-120	K	40.20
NC200-JB-36	J	2" (50mm)	36"	26.40	NC200-KB-36	K	30.40
NC200-JB-72	J	2" (50mm)	72"	29.10	NC200-KB-72	K	33.65
NC200-JB-96	J	2" (50mm)	96"	31.85	NC200-KB-96	K	36.95
NC200-JB-120	J	2" (50mm)	120"	34.55	NC200-KB-120	K	40.20
NC238-JB-36	J	2-3/8" (60mm)	36"	26.40	NC238-KB-36	K	30.40
NC238-JB-72	J	2-3/8" (60mm)	72"	29.10	NC238-KB-72	K	33.65
NC238-JB-96	J	2-3/8" (60mm)	96"	31.85	NC238-KB-96	K	36.95
NC238-JB-120	J	2-3/8" (60mm)	120"	34.55	NC238-KB-120	K	40.20
NC275-JB-36	J	2-3/4" (70mm)	36"	26.40	NC275-KB-36	K	30.40
NC275-JB-72	J	2-3/4" (70mm)	72"	29.10	NC275-KB-72	K	33.65
NC275-JB-96	J	2-3/4" (70mm)	96"	31.85	NC275-KB-96	K	36.95
NC275-JB-120	J	2-3/4" (70mm)	120"	34.55	NC275-KB-120	K	40.20
NC300-JB-36	J	3" (75mm)	36"	26.40	NC300-KB-36	K	30.40
NC300-JB-72	J	3" (75mm)	72"	29.10	NC300-KB-72	K	33.65
NC300-JB-96	J	3" (75mm)	96"	31.85	NC300-KB-96	K	36.95
NC300-JB-120	J	3" (75mm)	120"	34.55	NC300-KB-120	K	40.20



## Bayonet Adaptors

Bayonet Adaptors - For Single J-Slot T/C Caps			
Part #	OAL	Thread	Price
BA-1	7/8"	1/8-27 N.P.T.	2.00
BA-2	7/8"	3/8-24	2.10
BA-3	1-1/2"	1/8-27 N.P.T.	2.80
BA-4	1-1/2"	3/8-24	3.20
BA-5	2-1/2"	1/8-27 N.P.T.	3.20
BA-6	2-1/2"	3/8-24	3.20
BA-7	3-1/2"	1/8-27 N.P.T.	3.80
BA-8	3-1/2"	3/8-24	3.95



## Thermocouple Male Plugs and Female Jacks



Thermocouple Male Plugs			
Part #	Description	Type	Price
MP-1	Male Plug	J	2.80
MP-1-K	Male Plug	K	3.80

Thermocouple Female Jacks			
Part #	Description	Type	Price
FJ-2	Female Jack	J	2.95
FJ-2-K	Female Jack	K	2.95

Thermocouple Round Panel Female Jacks			
Part #	Description	Type	Price
FJP-2	Female Jack	J	5.00
FJP-2-K	Female Jack	K	5.00

## Mini Thermocouple Plugs and Jacks



Mini Thermocouple Male Plugs & Female Jacks			
Part #	Description	Type	Price
MP-1-Mini	Mini Male Plug	J	2.80
MP-1-Mini-K	Mini Male Plug	K	2.80
FJ-2-Mini	Mini Female Jack	J	4.00
FJ-2-Mini-K	Mini Female Jack	K	4.00

## Compression Fittings



Compression Fittings				
Part #	Fits Tube O.D.	Thread	Material	Price
CF-1	1/8"	1/8-27 NPT	Brass	1.85
CF-2	1/8"	1/8-27 NPT	Stainless	7.30
CF-3	3/16"	1/8-27 NPT	Brass	1.85
CF-4	3/16"	1/8-27 NPT	Stainless	7.30
CF-5	1/4"	1/4-18 NPT	Brass	2.75
CF-6	1/4"	1/4-18 NPT	Stainless	13.00



**Thermocouple Wire - Extension Grade**  
BMS extension grade thermocouple wire is most commonly used for connecting probes or “hot junctions” to instrumentation. To retard electrical losses along its length, it is generally larger wire and more heavily insulated than the standard grade wire. BMS extension grade thermocouple wire meets or exceeds ISA (Instrument Society of America) specifications for accuracy.

**Thermocouple Wire - Extension Grade**

Part Number	Gauge	Type	Wire	Conductor Insulation	Overall Insulation	Price Per Foot		
						1 - 99	100 - 499	500+
TW-1	20	J	Stranded	Fiberglass Braid	Fiberglass Braid	1.20	1.00	.93
TW-2	20	J	Stranded	Fiberglass Braid	Stainless Steel Braid	1.34	1.12	1.04
TW-3	24	J	Solid	Fiberglass Braid	Fiberglass Braid	.76	.64	.59
TW-4	20	J	Solid	PTFE	PTFE	1.10	.92	.85
TW-5	20	J	Solid	Fiberglass Braid	Fiberglass Braid	.94	.79	.73
TW-6	20	K	Solid	Fiberglass Braid	Fiberglass Braid	1.54	1.29	1.19
TW-7	24	K	Solid	Fiberglass Braid	Fiberglass Braid	1.02	.85	.79
TW-11	20	K	Solid	Fiberglass Braid	Stainless Steel Braid	2.00	1.67	1.54
TW-12	20	K	Stranded	Fiberglass Braid	Fiberglass Braid	1.76	1.47	1.36
TW-13	24	K	Solid	Fiberglass Braid	Stainless Steel Braid	1.58	1.32	1.22
TW-14	20	KX	Solid	PVC	PVC	.98	.82	.76
TW-15	16	KX	Solid	PVC	PVC	2.20	1.84	1.70
TW-16	20	JX	Solid	PVC	PVC	.52	.44	.40

# RTD Sensors

## Adjustable Depth RTD Sensors - Stainless Steel Braided Leads

Fits All Thermocouple Holes 1" to 12" Deep

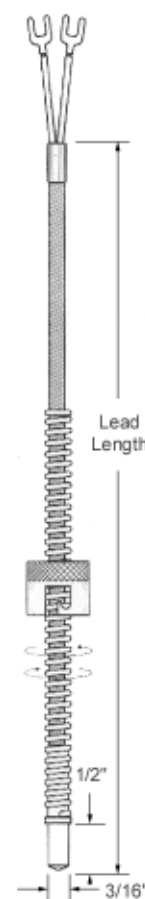
2 and 3 Wire, 0.00385 Curve, Platinum Sensor 100 ohms @ 0° C

BMS Adjustable Depth RTD Sensors are designed to fit thermocouple holes from 1" to 12" deep. They have a threaded locking cap that when rotated travels up or down the tension spring to obtain the desired immersion length. Stocked in 2 and 3 wire configuration with spade lug or polarized plug termination. Fits standard bayonet adaptors.

**Features:**

- **Stainless Steel Construction.**
- **2 and 3 wire configuration compensated for changing of lead length.**
- **Probe tip 3/16" O.D., approximately 1/2" long.**

RTD Sensors - 2 or 3 Wire, 0.00385 Curve, 100 ohms 0 Degree C Stainless Steel Braided Leads						
Termination	Style	Lead Length	Part Number 2 Wire	Price 2 Wire	Part Number 3 Wire	Price 3 Wire
Spade Lug	Adjustable Depth RTD	24"	RTDB-124-2	41.85	RTDB-124-3	41.85
Spade Lug	Adjustable Depth RTD	36"	RTDB-136-2	41.85	RTDB-136-3	41.85
Spade Lug	Adjustable Depth RTD	48"	RTDB-148-2	41.85	RTDB-148-3	41.85
Spade Lug	Adjustable Depth RTD	60"	RTDB-160-2	43.95	RTDB-160-3	43.95
Spade Lug	Adjustable Depth RTD	72"	RTDB-172-2	46.00	RTDB-172-3	46.00
Spade Lug	Adjustable Depth RTD	84"	RTDB-184-2	48.10	RTDB-184-3	48.10
Spade Lug	Adjustable Depth RTD	96"	RTDB-196-2	50.20	RTDB-196-3	20.20
Spade Lug	Adjustable Depth RTD	108"	RTDB-1108-2	52.30	RTDB-1108-3	52.30
Spade Lug	Adjustable Depth RTD	120"	RTDB-1120-2	54.40	RTDB-1120-3	54.40
Spade Lug	Adjustable Depth RTD	144"	RTDB-1144-2	56.65	RTDB-1144-3	56.65
Male Plug	Adjustable Depth RTD	24"	RTDB-124-2P	50.00	RTDB-124-3P	55.50
Male Plug	Adjustable Depth RTD	36"	RTDB-136-2P	50.00	RTDB-136-3P	55.50
Male Plug	Adjustable Depth RTD	48"	RTDB-148-2P	50.00	RTDB-148-3P	55.50
Male Plug	Adjustable Depth RTD	60"	RTDB-160-2P	52.10	RTDB-160-3P	57.55
Male Plug	Adjustable Depth RTD	72"	RTDB-172-2P	54.20	RTDB-172-3P	59.65
Male Plug	Adjustable Depth RTD	84"	RTDB-184-2P	56.30	RYDB-184-3P	61.75
Male Plug	Adjustable Depth RTD	96"	RTDB-196-2P	58.40	RTDB-196-3P	63.85
Male Plug	Adjustable Depth RTD	108"	RTDB-1108-2P	60.50	RTDB-1108-3P	65.95
Male Plug	Adjustable Depth RTD	120"	RTDB-1120-2P	62.55	RTDB-1120-3P	68.00
Male Plug	Adjustable Depth RTD	144"	RTDB-1144-2P	64.65	RTDB-1144-3P	70.10



# RTD Sensors

## Adjustable Depth RTD Sensors - Stainless Steel Armor Hose Leads

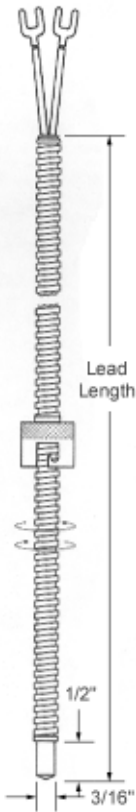
Fits Thermocouple Holes 1/2" to Overall Length of the Armor

2 and 3 Wire, 0.00385 Curve, Platinum Sensor 100 ohms @ 0°C

BMS Adjustable Depth RTD Sensors are designed to fit thermocouple holes from 1/2" to the overall length of the armor. They have a threaded locking cap that when rotated travels up or down the armor hose to obtain the desired immersion length. Stocked in 2 and 3 wire configuration with spade lug or polarized plug termination. Fits standard bayonet adaptors.

**Features:**

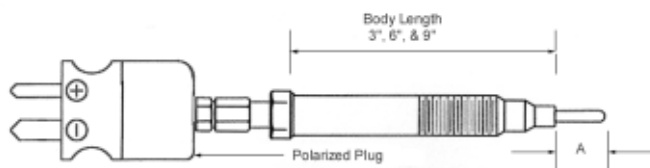
- Stainless Steel Construction.
- 2 and 3 wire configuration compensated for changing of lead length.
- Probe tip 3/16" O.D., approximately 1/2" long.



RTD Sensors - 2 or 3 Wire, 0.00385 Curve, 100 ohms 0 Degree C, Stainless Steel Armor Hose Leads						
Termination	Style	Lead Length	Part Number 2 Wire	Price 2 Wire	Part Number 3 Wire	Price 3 Wire
Spade Lug	Adjustable Depth RTD	24"	RTDH-124-2	43.65	RTDH-124-3	43.65
Spade Lug	Adjustable Depth RTD	36"	RTDH-136-2	43.65	RTDH-136-3	43.65
Spade Lug	Adjustable Depth RTD	48"	RTDH-148-2	43.65	RTDH-148-3	43.65
Spade Lug	Adjustable Depth RTD	60"	RTDH-160-2	46.55	RTDH-160-3	46.55
Spade Lug	Adjustable Depth RTD	72"	RTDH-172-2	49.50	RTDH-172-3	49.50
Spade Lug	Adjustable Depth RTD	84"	RTDH-184-2	52.40	RTDH-184-3	52.40
Spade Lug	Adjustable Depth RTD	96"	RTDH-196-2	55.30	RTDH-196-3	55.30
Spade Lug	Adjustable Depth RTD	108"	RTDH-1108-2	58.20	RTDH-1108-3	58.20
Spade Lug	Adjustable Depth RTD	120"	RTDH-1120-2	61.75	RTDH-1120-3	61.10
Spade Lug	Adjustable Depth RTD	144"	RTDH-1144-2	64.00	RTDH-1144-3	64.00
Male Plug	Adjustable Depth RTD	24"	RTDH-124-2P	51.85	RTDH-124-3P	57.30
Male Plug	Adjustable Depth RTD	36"	RTDH-136-2P	51.85	RTDH-136-3P	57.30
Male Plug	Adjustable Depth RTD	48"	RTDH-148-2P	51.85	RTDH-148-3P	57.30
Male Plug	Adjustable Depth RTD	60"	RTDH-160-2P	54.75	RTDH-160-3P	60.20
Male Plug	Adjustable Depth RTD	72"	RTDH-172-2P	57.65	RTDH-172-3P	63.10
Male Plug	Adjustable Depth RTD	84"	RTDH-184-2P	60.55	RTDH-184-3P	66.00
Male Plug	Adjustable Depth RTD	96"	RTDH-196-2P	63.50	RTDH-196-3P	68.95
Male Plug	Adjustable Depth RTD	108"	RTDH-1108-2P	66.40	RTDH-1108-3P	71.85
Male Plug	Adjustable Depth RTD	120"	RTDH-1120-2P	69.30	RTDH-1120-3P	74.75
Male Plug	Adjustable Depth RTD	144"	RTDH-1144-2P	72.20	RTDH-1144-3P	77.65

# Plastic Melt Thermocouples

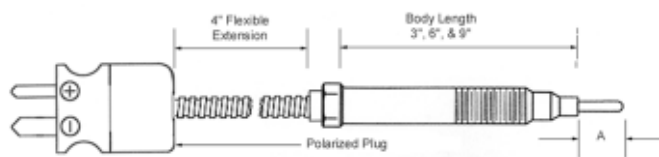
## Type J or Type K Models, Rigid Plug Extension



- Probe - Grounded Junction
- Pressure Rating - 20,000 P.S.I.
- Body Material - 304 Stainless
- 1/2-20 UNF Thread

Plastic Melt Thermocouple, Type J, Rigid Plug Extension				
Part Number	Body Length	"A"	Description	Price
MBRJ-3-F	3"	Flush	Melt T/C, Type J	45.65
MBRJ-3-1	3"	1/4"	Melt T/C, Type J	45.65
MBRJ-3-2	3"	1/2"	Melt T/C, Type J	45.65
MBRJ-3-3	3"	3/4"	Melt T/C, Type J	45.65
MBRJ-3-4	3"	1"	Melt T/C, Type J	45.65
MBRJ-6-F	6"	Flush	Melt T/C, Type J	56.50
MBRJ-6-1	6"	1/4"	Melt T/C, Type J	56.50
MBRJ-6-2	6"	1/2"	Melt T/C, Type J	56.50
MBRJ-6-3	6"	3/4"	Melt T/C, Type J	56.50
MBRJ-6-4	6"	1"	Melt T/C, Type J	56.50
Plastic Melt Thermocouple, Type K, Rigid Plug Extension				
MBRK-3-F	3"	Flush	Melt T/C, Type J	45.65
MBRK-3-1	3"	1/4"	Melt T/C, Type J	45.65
MBRK-3-2	3"	1/2"	Melt T/C, Type J	45.65
MBRK-3-3	3"	3/4"	Melt T/C, Type J	45.65
MBRK-3-4	3"	1"	Melt T/C, Type J	45.65
MBRK-6-F	6"	Flush	Melt T/C, Type J	56.50
MBRK-6-1	6"	1/4"	Melt T/C, Type J	56.50
MBRK-6-2	6"	1/2"	Melt T/C, Type J	56.50
MBRK-6-3	6"	3/4"	Melt T/C, Type J	56.50
MBRK-6-4	6"	1"	Melt T/C, Type J	56.50

## Type J or Type K Models, Flexible Plug Extension


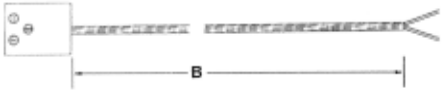
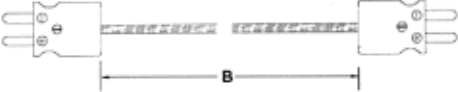
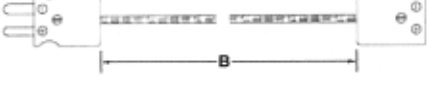
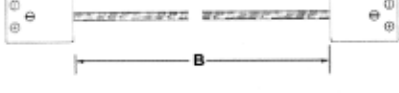


- Probe - Grounded Junction
- Pressure Rating - 20,000 P.S.I.
- Body Material - 304 Stainless
- 1/2-20 UNF Thread

Plastic Melt Thermocouple, Type J, Flexible Plug Extension				
Part Number	Body Length	"A"	Description	Price
MBFJ-3-F	3"	Flush	Melt T/C, Type J	52.55
MBFJ-3-1	3"	1/4"	Melt T/C, Type J	52.55
MBFJ-3-2	3"	1/2"	Melt T/C, Type J	52.55
MBFJ-3-3	3"	3/4"	Melt T/C, Type J	52.55
MBFJ-3-4	3"	1"	Melt T/C, Type J	52.55
MBFJ-6-F	6"	Flush	Melt T/C, Type J	63.40
MBFJ-6-1	6"	1/4"	Melt T/C, Type J	63.40
MBFJ-6-2	6"	1/2"	Melt T/C, Type J	63.40
MBFJ-6-3	6"	3/4"	Melt T/C, Type J	63.40
MBFJ-6-4	6"	1"	Melt T/C, Type J	63.40
Plastic Melt Thermocouple, Type K, Flexible Plug Extension				
MBFK-3-F	3"	Flush	Melt T/C, Type K	53.00
MBFK-3-1	3"	1/4"	Melt T/C, Type K	53.00
MBFK-3-2	3"	1/2"	Melt T/C, Type K	53.00
MBFK-3-3	3"	3/4"	Melt T/C, Type K	53.00
MBFK-3-4	3"	1"	Melt T/C, Type K	53.00
MBFK-6-F	6"	Flush	Melt T/C, Type K	63.85
MBFK-6-1	6"	1/4"	Melt T/C, Type K	63.85
MBFK-6-2	6"	1/2"	Melt T/C, Type K	63.85
MBFK-6-3	6"	3/4"	Melt T/C, Type K	63.85
MBFK-6-4	6"	1"	Melt T/C, Type K	63.85

# Thermocouple Extension Cables

Available in Type J or Type K Configuration

Stainless Steel Overbraided Leads	Part Number	Type	B Dim. Length	Price
<b>Male Plug to Bare Wires</b> 	EC1BJ-48	J	48"	18.40
	EC1BK-48	K	48"	20.65
	EC1BJ-72	J	72"	21.10
	EC1BK-72	K	72"	24.30
	EC1BJ-120	J	120"	26.55
	EC1BK-120	K	120"	31.55
<b>Female Plug to Bare Wires</b> 	EC2BJ-48	J	48"	18.40
	EC2BK-48	K	48"	20.65
	EC2BJ-72	J	72"	21.10
	EC2BK-72	K	72"	24.30
	EC2BJ-120	J	120"	26.55
	EC2BK-120	K	120"	31.55
<b>Male Plug to Male Plug</b> 	EC3BJ-48	J	48"	23.85
	EC3BK-48	K	48"	26.10
	EC3BJ-72	J	72"	26.55
	EC3BK-72	K	72"	29.75
	EC3BJ-120	J	120"	37.00
	EC3BK-120	K	120"	32.00
<b>Male Plug to Female Plug</b> 	EC4BJ-48	J	48"	23.85
	EC4BK-48	K	48"	26.10
	EC4BJ-72	J	72"	26.55
	EC4BK-72	K	72"	29.75
	EC4BJ-120	J	120"	32.00
	EC4BK-120	K	120"	37.00
<b>Female Plug to Female Plug</b> 	EC5BJ-48	J	48"	23.85
	EC5BK-48	K	48"	26.10
	EC5BJ-72	J	72"	26.55
	EC5BK-72	K	72"	24.30
	EC5BJ-120	J	120"	32.00
	EC5BK-120	K	120"	37.00

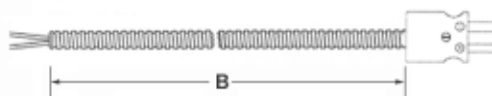
# Thermocouple Extension Cables

Available in Type J or Type K Configuration

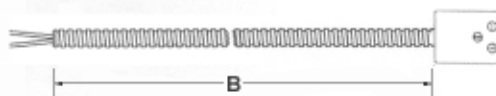
Part Number	Type	B Dim. Length	Price
EC1HJ-48	J	48"	19.50
EC1HK-48	K	48"	21.75
EC1HJ-72	J	72"	23.65
EC1HK-72	K	72"	26.85
EC1HJ-120	J	120"	32.00
EC1HK-120	K	120"	37.00
EC2HJ-48	J	48"	19.50
EC2HK-48	K	48"	21.75
EC2HJ-72	J	72"	23.65
EC2HK-72	K	72"	26.85
EC2HJ-120	J	120"	32.00
EC2HK-120	K	120"	37.00
EC3HJ-48	J	48"	24.95
EC3HK-48	K	48"	27.20
EC3HJ-72	J	72"	29.10
EC3HK-72	K	72"	32.30
EC3HJ-120	J	120"	37.50
EC3HK-120	K	120"	42.50
EC4HJ-48	J	48"	24.95
EC4HK-48	K	48"	27.20
EC4HJ-72	J	72"	29.10
EC4HK-72	K	72"	32.30
EC4HJ-120	J	120"	37.50
EC4HK-120	K	120"	42.50
EC5HJ-48	J	48"	24.95
EC5HK-48	K	48"	27.20
EC5HJ-72	J	72"	29.10
EC5HK-72	K	72"	32.30
EC5HJ-120	J	120"	37.50
EC5HK-120	K	120"	42.50

## Stainless Steel Armor Hose Leads

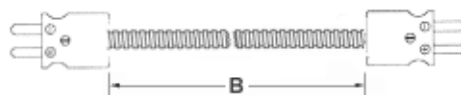
### Male Plug to Bare Wires



### Female Plug to Bare Wires



### Male Plug to Male Plug



### Male Plug to Female Plug



### Female Plug to Female Plug

