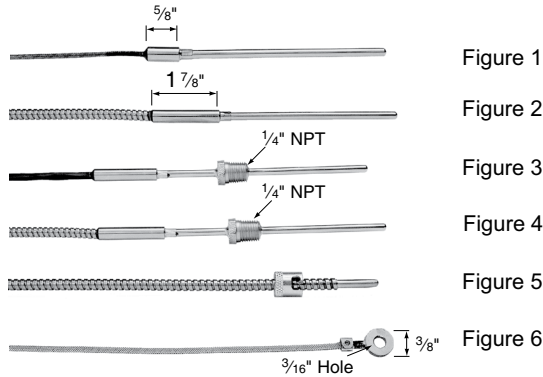


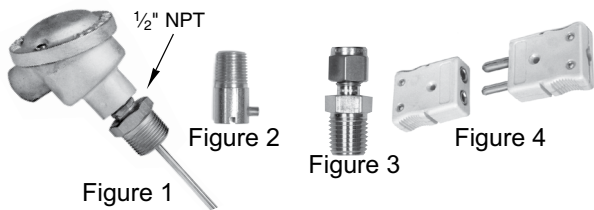
## Standard Thermocouples

Thermocouples are sensing devices used with electronic controls (such as Fenwal models 921, 550, & 543). Some normally stocked types are shown below. Many other configurations can be made to order. See Section D of the Caloritech™ catalog for general information.



### Standard Thermocouples

ANSI Type	Probe Length in	Probe Length mm	Lead Length in	Lead Length mm	Lead Type	Figure No.	Catalog No.
J	3	76	72	1829	Fiberglass	1	J316G31603721ASP
	6	152					J316G31606721ASP
	12	305					J316G316012721ASP
	18	457					J316G316018721ASP
	24	610					J316G316024721ASP
J	3	76	72	1829	PVC/Armour	2	J316G31603728A
J	6	152	72	1829	PVC/Armour	2	J316G31606728A
K	12	305	72	1829	Fiberglass	1	K316G316012721ASP
K	18	457	72	1829	Fiberglass	1	K316G316018721ASP
K	24	610	72	1829	Fiberglass	1	K316G316024721ASP
J	3	76	72	1829	PVC	3	J316G316FX1/403724A
J	3	76	72	1829	Armour	4	J316G316FX1/403728A
J	ADJ	—	72	1829	Armour	5	TC11468-01
J	—	—	48	1219	—	6	J15406A48
J	1 1/8	29	—	—	—	—	TC11467-01
J	1 5/8	41	—	—	Term. Encl.	7	TC11467-02
J	2 7/8	78	—	—	—	—	TC11467-03



### Control Sensor Accessories

Description	Fig. No.	Catalog No.
1/8" NPT Bayonet Adaptor	8	BA4011-1
1/4" NPT Compression Fitting	9	A10687-36
Pipe Clamp Adaptor	—	10949-2A
J Plug (Black)	10	CO 45101
J Jack (Black)	10	CO 45201
K Plug (Yellow)	10	CO 45102
K Jack (Yellow)	10	CO 45202

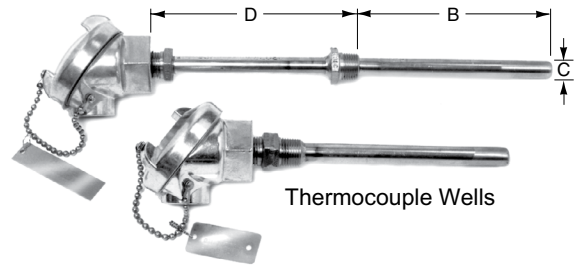
## To Order Specify

Quantity and catalog number.

## Thermocouple Wells

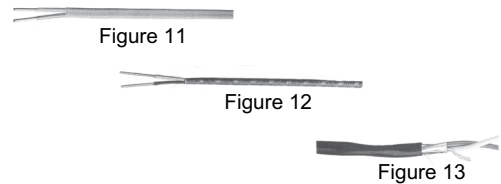
## Thermocouple Well Assemblies

These assemblies are used mostly in tank applications to provide a strong one piece device to sense liquid temperatures. The terminal enclosure can be used outdoors or in dusty, oily or damp environments. Optional enclosures are available for hazardous applications. Wells are constructed of steel or stainless for most applications. For highly corrosive liquids, check with the factory for custom bar stock well assemblies.



### Thermocouple Wells

ANSI Type	Process Fitting	Well Mat'l	Dimensions - in (mm)			Catalog No.
			B	C	D	
J	3/4" NPT	Steel	18 (457)	.840 (21.3)	5 3/4 (146)	B10013-01
J	3/4" NPT	304 SS	18 (457)	.840 (21.3)	5 3/4 (146)	B10013-02
J	1/2" NPT	304 SS	6 (152)	.540 (13.7)	6 1/4 (158)	B10013-03
J	3/4" NPT	304 SS	4 1/2 (114)	.540 (13.7)	2 1/2 (64)	B10013-06
J	1/2" NPT	316 SS	6 (152)	.540 (13.7)	1 1/2 (38)	B10013-09



## Thermocouple Wire

### Thermocouple/Instrumentation Extension Wire

Gauge	ANSI Type	Fig. No.	Insulation Temperature	Catalog Number
<b>Untwisted, No Shield</b>				
16	JX	11	PVC 105°C (122°F)	P/P 16 JX
20	JX	11	PVC 105°C (122°F)	P/P 20 JX
16	KX	11	PVC 105°C (122°F)	P/P 16 KX
20	KX	11	PVC 105°C (122°F)	P/P 20 KX
16	KX	12	G-Glass, 510°C (2750°F)	G/G 16 KX
20	KX	12	Fiberglass	G/G 20 KX
<b>Twisted, Shielded with Drain Wire</b>				
20	JK	13	PVC 105°C (122°F)	UP/ALPTW20JX
20	KX	13	PVC 105°C (122°F)	UP/ALPTW20KX
<b>RTD 3Wire Copped, Shielded</b>				
16	Copper	13	PVC 105°C (122°F)	UP/ALPTW16FTRIAD
<b>Instrument 2 Wire Copper, Shielded</b>				
—	Copper	13	PVC 105°C (122°F)	UP/ALPTW16FBX

## To Order Specify

Quantity and catalog number.