

Solid Probe Bayonet Style With Stainless Steel Cable

- High-Temperature Design
- Wide Variety of Immersion Lengths, Styles and Mounting Arrangements Available
- Fast Delivery on Standard Configurations
- 304 SS Sheath, Solid 4.7 mm (3/16") Diameter Probe
- Flexible 7.0 mm (0.275") Stainless Steel Cable (1.5 m (5') Standard)
- Glass Braid Insulated 20 Gage Solid Thermocouple Lead Wire, Stranded Wire Available as Option
- Grounded Junction

Starts at
\$28



ANSI color code shown
To order IEC color code see page A-9

MEETS OR EXCEEDS SPECIAL LIMITS OF ERROR (SLE) AND EN 60584-2; Tolerance Class 1

Style 2 Termination

Bayonet Type Spring Loaded

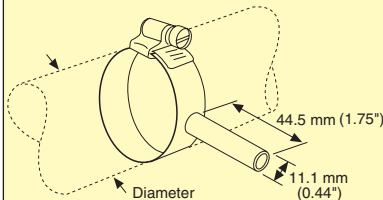
Stainless Steel Cable

Heavy Duty Extruder Probes Bayonet Type.

Solid Junction Design

MOST POPULAR MODELS HIGHLIGHTED!

Pipe Clamp Adaptors for Bayonet-Type Thermocouples†



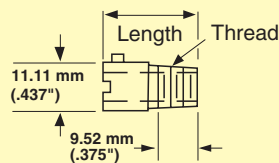
† Note: Choose "A" thermocouple dimension of 2 1/4" for all bayonet type thermocouples used with pipe clamp adaptors.

To measure temperature of pipes without drilling. Easily installed and removed.

Model Number	For Pipe Diameter (in)	All Sizes \$11 each. Material is Stainless Steel
BTC-1	1/2 to 7/8	
BTC-2	7/8 to 1 1/2	
BTC-3	1 5/16 to 2 1/4	
BTC-4	2 1/4 to 3 5/16	
BTC-5	3 5/16 to 4 1/4	
BTC-6	4 5/16 to 5 1/4	

Adaptors for Bayonet-Type Thermocouples

Like a compression fitting, does not seal



Model Number	Length (in)	Thread Size	Price
BTA-1	7/8	1/8-27 NPT	\$6
BTA-2	7/8	3/8-24	6
BTA-3	1 3/8	1/8-27 NPT	7
BTA-4	1 3/8	3/8-24	7
BTA-5	2 1/2	1/8-27 NPT	8
BTA-6	2 1/2	3/8-24	8

Adaptor material is stainless steel

Discount Schedule

1-24 Units.....Net	100-249 Units.....10%
25-99 Units.....7%	250 and up...Consult Sales

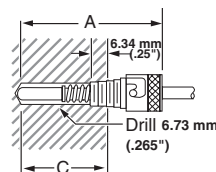
To Order (Specify Model Number)

Dimensions*	Type	Cold End Termination	Model Number	Price
Straight A = 57.2 mm (2.25") or 89 mm (3.50") B = 1.5 m (60")	J	1	BTH-000-J-□-60-1	\$28
	J	2	BTH-000-J-□-60-2	31
	K	1	BTH-000-K-□-60-1	28
	K	2	BTH-000-K-□-60-2	31
	T	1	BTH-000-T-□-60-1	28
	T	2	BTH-000-T-□-60-2	31
	E	1	BTH-000-E-□-60-1	28
E	2	BTH-000-E-□-60-2	31	
90° Bend A = 57.2 mm (2.25") or 89 mm (3.50") B = 1.5 m (60")	J	1	BTH-090-J-□-60-1	\$29
	J	2	BTH-090-J-□-60-2	33
	K	1	BTH-090-K-□-60-1	29
	K	2	BTH-090-K-□-60-2	32
	T	1	BTH-090-T-□-60-1	29
	T	2	BTH-090-T-□-60-2	32
	E	1	BTH-090-E-□-60-1	29
E	2	BTH-090-E-□-60-2	32	

* Note: Insert 2/4 or 3/8" Standard "A" Dimension in space (□). Longer lengths available at \$1.00/inch. "B" dimensions at 60". For longer lengths change 60 to desired length and add \$2.25 per foot to price. For ungrounded, add \$6 and suffix "-UNGROUND" to model number.

Ordering Example: BTH-000-J-2 1/4-60-2 is a straight solid probe bayonet, two cold end terminations, Type J, 2 1/4" A dimension, 60" armored cable and an OSTW thermocouple connector, \$31.

Drilling Selection Table for Spring Loaded Bayonet Type Thermocouples



Hole Depth "C" mm (in)*	Probe Length "A" mm (in)		
	7/8" Long Adaptor	1 1/8" Long Adaptor	2 1/2" Long Adaptor
6 to 13 (1/4 to 1/2)	41.3 (1 5/8)	50 (2)	79 (3 1/8)
13 to 25 (1/2 to 1)	50 (2)	64 (2 1/2)	92 (3 5/8)
25 to 38 (1 to 1 1/2)	64 (2 1/2)	76 (3)	105 (4 1/8)
38 to 50 (1 1/2 to 2)	76 (3)	89 (3 1/2)	117 (4 5/8)
50 to 64 (2 to 2 1/2)	89 (3 1/2)	102 (4)	130 (5 1/8)
64 to 76 (2 1/2 to 3)	102 (4)	114 (4 1/2)	143 (5 5/8)
76 to 89 (3 to 3 1/2)	114 (4 1/2)	127 (5)	156 (6 1/8)
89 to 102 (3 1/2 to 4)	127 (5)	140 (5 1/2)	168 (6 5/8)
102 to 114 (4 to 4 1/2)	140 (5 1/2)	150 (6)	181 (7 1/8)
114 to 127 (4 1/2 to 5)	150 (6)	165 (6 1/2)	194 (7 5/8)

*For deeper holes than those listed, add 1/8 inch to probe dimension "A" for each 1/2" of hole depth dimension "C".
Note: Thermocouples supplied without adaptors.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters