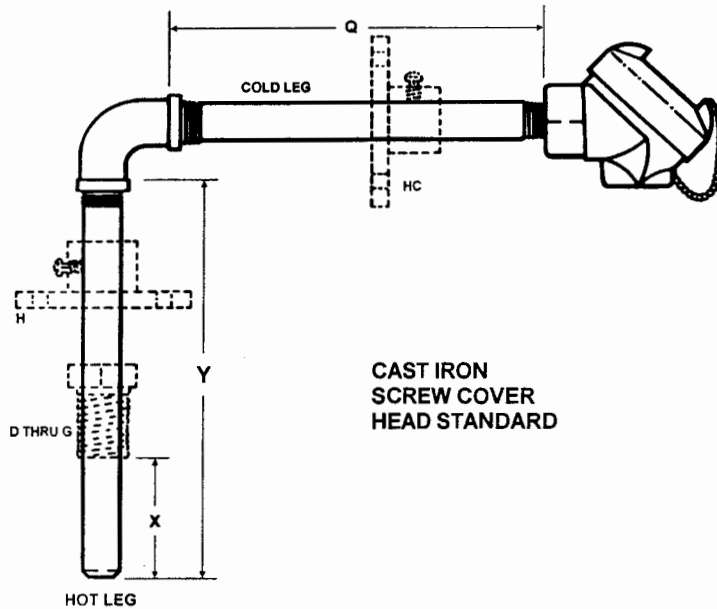


# Angle Thermocouple Assemblies



**TABLE 2 OPTIONS**

- A. Open End (Closed End Standard)
  - B. Head with internal ground screw
  - C. (X) 1/2" NPT Welded Steel Bushing (Only on .25 Size Tubes)
  - D. (X) 3/4" NPT Welded Steel Bushing (Only on .50 Size Tubes)
  - E. (X) 1" NPT Welded Steel Bushing (Only on .50 and .75 Size Tubes)
  - F. (X) 1-1/4" NPT Welded Steel Bushing (Only on .50, .75, and 1.00 Size Tubes)
  - G. (X) 1-1/2" NPT Welded Steel Bushing (Only on .50, .75, and 1.00 Size Tubes)
  - H. Adjustable Steel Flange
  - I. Other (Specify)
  - K. Weatherproof Head-Aluminum
  - L. T.C. Insulated from Tube
  - M. Special Limits of Error Wire
  - P. Steel union and nipples to connect head to protection tube
  - T. Heavy Duty Pyco Process Head
  - V. Stainless Steel Union and Nipples
  - W. Protective epoxy coating on head -2mil. min.-white only
  - X. Explosion-proof head CSA approved
- Note: Substitute length in inches from hot end to bottom of steel bushing for (X) above. If stainless steel bushings required, suffix SS after (X).

**TABLE 1**

PROTECTION TUBES HOT LEG		TYPE J THERMOCOUPLE		TYPE K THERMOCOUPLE		
Material & Pipe Thread	Series	8 Gauge	14 Gauge	8 Gauge	14 Gauge	
446 Stainless Steel	1/2"	5	J8A-5-50	J14A-5-50	K8A-5-50	K14A-5-50
	3/4"	5	J8A-5-75	-----	K8A-5-75	-----
Carbon Steel	1/2"	6	J8A-6-50	J14A-6-50	K8A-6-50	K14A-6-50
	3/4"	6	J8A-6-75	-----	K8A-6-75	-----
Inconel 601	1/2"	7	J8A-7-50	J14A-7-50	K8A-7-50	K14A-7-50
	3/4"	7	J8A-7-75	-----	K8A-7-75	-----
304 Stainless Steel	1/2"	9	J8A-9-50	J14A-9-50	K8A-9-50	K14A-9-50
Cast Iron	3/4"	11	J8A-11-75	J14A-11-75	K8A-11-75	K14A-11-75
LT--1	3/4"	12	J8A-12-75	-----	K8A-12-75	K14A-12-75
Silicon Nitride		13	J8A-13-75	-----	K8A-13-75	-----
Silicon Carbide		18	J8A-18J	-----	K8A-18J	K14A-18J
Refractory Coated	3/4"	14	J8A-14-75	J14A-14-75	K8A-14-75	K14A-14-75

**COMPLETE ORDER NUMBER**

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Table 1 - Select protection tube material and pipe thread size in Table 1. Read across to gauge column under required thermocouple type. Enter number in first box above. Note: For duplex thermocouples use Type letter twice.

Specify Hot leg Tube Length Y in 6 inch increments (Minimum Standard: 12")

Cold leg Specify Protection Tube length Q in 6 Inch increments

Options Select from Table 2

(Example: J8-5-75 - duplex becomes JJ8-5-75.) Duplex 8 or 11 gauge require minimum 3/4" tube size.

Special Lengths on request. Consult factory for optional NPT sizes and alloys.