

ANGLE THERMOCOUPLE ASSEMBLIES WITH METAL PROTECTION TUBES

COMPLETE ORDER
NUMBER

1
2
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3
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4
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5

1. CALIBRATION	
CODE	DESCRIPTION
J	TYPE J, SINGLE
K	TYPE K, SINGLE
R	TYPE R, SINGLE
S	TYPE S, DUAL
JJ	TYPE J, DUAL
KK	TYPE K DUAL
RR	TYPE R, DUAL
SS	TYPE S, DUAL

3. HOT LEG LENGTH	
CODE	LENGTH
06	6.0" OVERALL LENGTH
12	12.0" OVERALL LENGTH
18	18.0" OVERALL LENGTH
24	24.0" OVERALL LENGTH
30	30.0" OVERALL LENGTH
36	36.0" OVERALL LENGTH
XX	SPECIFY OTHER LENGTH

4. COLD LEG LENGTH	
CODE	LENGTH
06	6.0" OVERALL LENGTH
12	12.0" OVERALL LENGTH
18	18.0" OVERALL LENGTH
24	24.0" OVERALL LENGTH
30	30.0" OVERALL LENGTH
36	36.0" OVERALL LENGTH
XX	SPECIFY OTHER LENGTH

2. SCH. 40 PIPE ALLOY AND SIZE

CODE	MATERIAL	ID	OD	NPT
5-50	446 SS	0.622"	0.840"	1/2"
5-75	446 SS	0.824"	1.050"	3/4"
6-25	CARBON STEEL	0.364"	0.540"	1/2"
6-50	CARBON STEEL	0.622"	0.840"	1/2"
6-75	CARBON STEEL	0.824"	1.050"	3/4"
6-100	CARBON STEEL	1.049"	1.315"	1"
7-50	INCONEL 601	0.622"	0.840"	1/2"
7-75	INCONEL 601	0.824"	1.050"	3/4"
7-100	INCONEL 601	1.049"	1.315"	1"
8-25	316 SS	0.364"	0.840"	1/2"
8-50	316 SS	0.622"	1.050"	1/2"
8-75	316 SS	0.824"	1.050"	3/4"
11-75	CAST IRON	1.049"	0.840"	1"
12-75	LT-1 METAL CERAMIC	0.625"	1.625"	3/4"
13-75	SILICON NITRIDE	0.625"	1.125"	3/4"
14-75	REFRACTORY COATED	0.493"	1.500"	3/4"
15-75	HEXOLOY	0.500"	0.750"	3/4"
16-75	VESUVIUS	0.824"	2.000"	3/4"

5. OPTIONS

A	OPEN END (CLOSED END STANDARD)
AA	OTHER (SPECIFY)
B	INTERNAL GROUND SCREW IN HEAD
C(X)	1/2" NPT WELDED STEEL BUSHING (ONLY ON 0.25" SIZE PIPES)
D(X)	3/4" NPT WELDED STEEL BUSHING (ONLY ON 0.50" SIZE PIPES)
E(X)	1" NPT WELDED STEEL BUSHING (ONLY ON 0.50" AND 0.75" SIZE PIPES)
F(X)	1 1/8" NPT WELDED STEEL BUSHING (ONLY ON 0.50", 0.75" AND 1.0" SIZE PIPES)
G(X)	1 1/2" NPT WELDED STEEL BUSHING (ONLY ON 0.50", 0.75" AND 1.0" SIZE PIPES)
H	ADJUSTABLE STEEL FLANGE
K	CAST ALUMINUM WEATHERPROOF HEAD
L	THERMOCOUPLE INSULATED FROM TUBE
M	SERIAL LIMITS OF ERROR
P	STEEL UNION AND NIPPLES TO CONNECT HEAD TO PROTECTION TUBE
SS	STAINLESS STEEL BUSHING
V	SS UNION AND NIPPLES TO CONNECT HEAD TO PROTECTION TUBE
W	PROTECTICE WHITE EPOXY COATING ON HEAD
X	CSA APPROVED EXPLOSION PROOF HEAD

EXAMPLE PART NUMBER: K8-7-50-024-012-K

K8 = TYPE K, 8 GAUGE

7-50 = INCONEL 601 PROTECTION TUBE, 1/2" PIPE

024 = 24" LONG HOT LEG

024 = 12" LONG COLD LEG

K = CAST ALUMINUM WEATHERPROOF HEAD