

Electrical Feed-Thrus for Thermocouples or Other Signals K6 Series

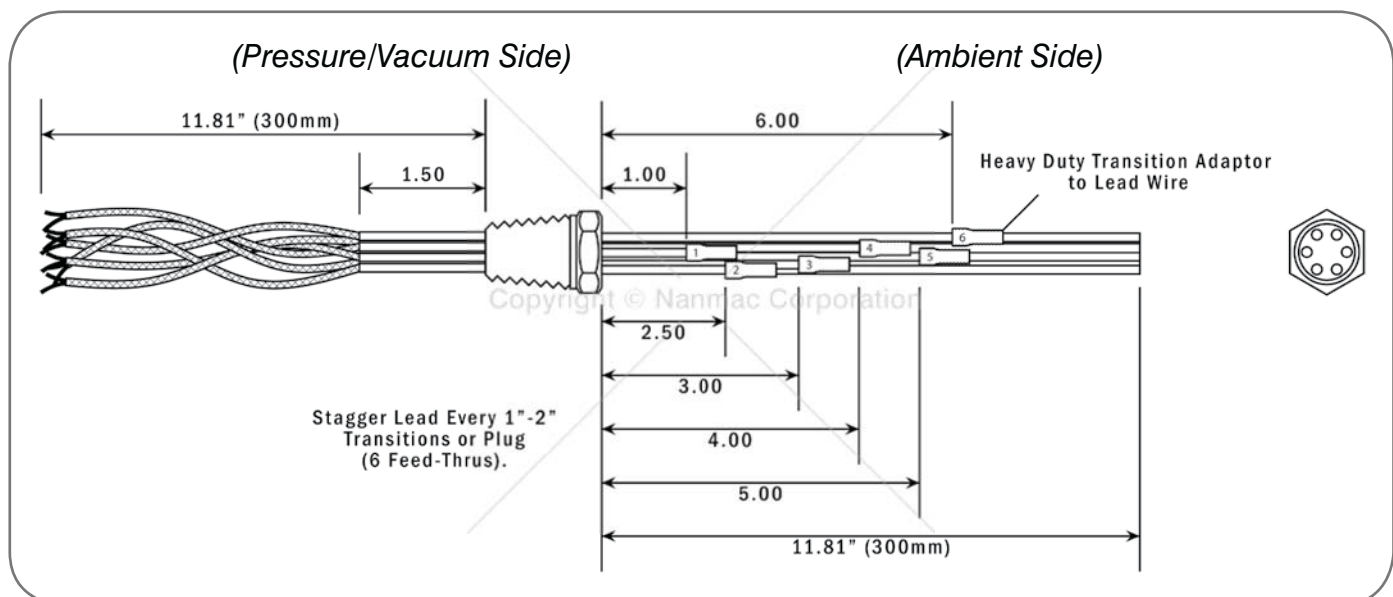
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Insulated electrical Feed-Thrus provide a ready-to-use device, from two to twelve insulated electrical wires per unit. Having flexible insulated leads on the pressure side and various connection options on the ambient side. These electrical sealing glands can also be used to carry electrical current up to 0.8 amperes if desired. A wide choice of instrumentation feedthrough glands are available for a variety of applications, including various thermocouple calibrations, various termination styles, and configurations for the ambient side (lead wire, connectors, etc.)

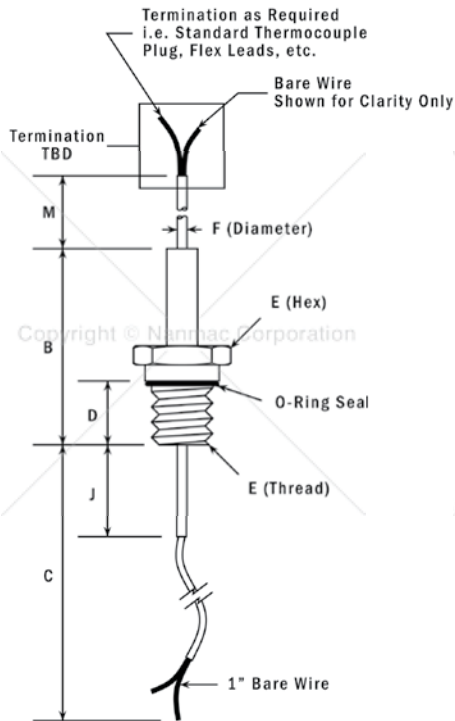
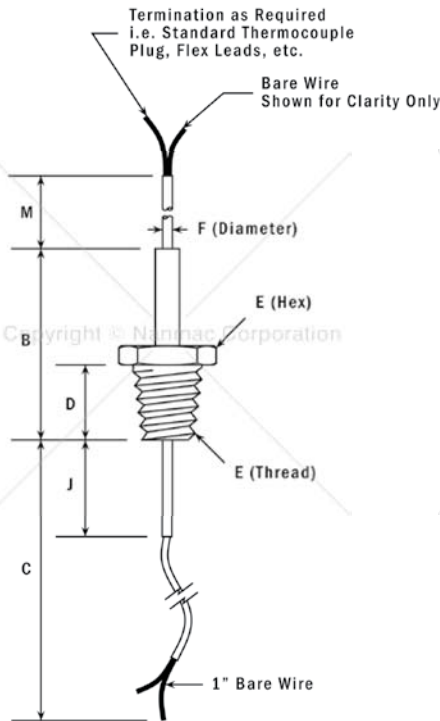
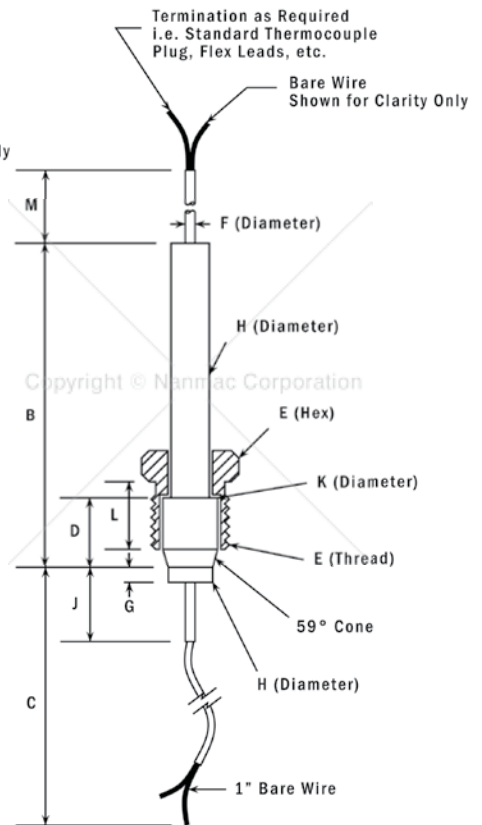
Units are made with stainless steel glands and have either O-ring (OR series), pipe thread (A series), or conical (HP series) metal-to-metal seals. They can be rated for use from low vacuum to 20,000 psi and temperatures to 500 degrees Fahrenheit. All standard glands contain #24 gage (0.020") AWG solid copper conductors inside an 1/8 inch diameter stainless steel tube. These copper conductors are insulated from each other and the tube wall by a high temperature ceramic. The 1/8 inch stainless steel tubes containing the copper conductors are flexible and can be bent to most any desired angle in a radius as small as 1/2 inch. The stainless steel tube provides excellent shielding for each pair of conductors against unwanted electromagnetic noise or stray voltage pickup. These tubes, when more than one, are staggered in length.

NOTES:

- All conductors are 24 gage (0.020" diameter) solid copper leads, thermocouple type wire also available.
- Dimension "M" is equal to 1-1/2 inches
- Various terminations are available (connectors, lead-wire, etc.) contact factory with your particular requirements.
- One thermocouple requires two wires.



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OR Series**A Series****HP Series**

All standard pressure and amperage ratings are based on 68°F conditions.

Specifications

Part No.	Pressure Rating (psi)	Conductors	B	C	D	E-thd	E-hex	F	G	H	L
K6-1	5,000 psi (OR Series)	2	1-7/16	As Required	13/32	7/16-20	3/4	1/8	-	-	-
K6-2A		4	2		15/32	3/4-16	1-5/16	1/8	-	-	-
K6-2B		6	2		15/32	3/4-16	1-5/16	1/8	-	-	-
K6-2C		8	2		15/32	3/4-16	1-5/16	1/8	-	-	-
K6-2D		10	2		15/32	3/4-16	1-5/16	1/8	-	-	-
K6-6	3,200 psi (A Series)	2	27/32	As Required	3/8	1/8" NPT	7/16	1/8	-	-	-
K6-7		4	2		3/4	1/2" NPT	7/8	1/8	-	-	-
K6-8		6	2		3/4	1/2" NPT	7/8	1/8	-	-	-
K6-9		8	2		3/4	1/2" NPT	7/8	1/8	-	-	-
K6-10		10	2		3/4	1/2" NPT	7/8	1/8	-	-	-
K6-11	10,000 psi (HP Series)	2	3	As Required	1.25	1-1/8-12	1-3/16	1/8	0.250	0.560	1
K6-12		4	3		1.25	1-1/8-12	1-3/16	1/8	0.250	0.560	1
K6-13		6	3		1.25	1-1/8-12	1-3/16	1/8	0.250	0.560	1
K6-14		8	3		1.25	1-1/8-12	1-3/16	1/8	0.250	0.560	1
K6-15		10	3		1.25	1-1/8-12	1-3/16	1/8	0.250	0.560	1