

# PRODUCT INFO SHEET

Nanmac Corporation

Quality • Performance • Solutions

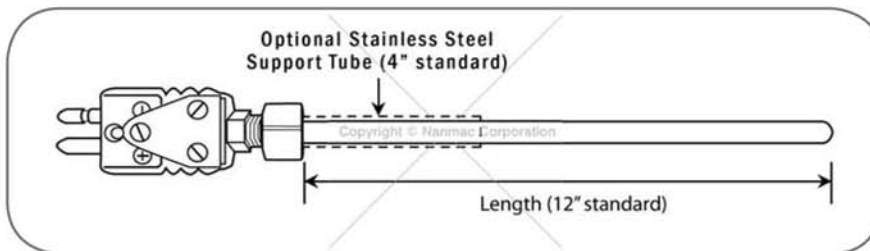
## High Temperature Thermocouple Probe A12 Series

This high temperature thermocouple probe consists of an ungrounded thermal junction within a closed end sheath. It also includes a set of standard matching plug and jack connectors with the male connector attached and the female connector (not shown) furnished with a cable clamp. Maximum service temperature of connector is 450 degrees Fahrenheit.

This high temperature thermocouple probe is also available with a thick wall, four inch long support tube attached to the connector end. The purpose of the support tube is to eliminate any damage to the refractory sheath that may be caused by the mounting bushing. The support tube is an 1/8 inch larger in diameter than the thermocouple sheath. If a support tube is desired, insert the suffix (ST) onto the Part No.

### NOTES:

- These thermocouples use #24 gage (0.020") size elements.
- Various adjustable compression fittings and mounting bushings are available.
- Duplex and multiple units also available (contact factory)
- High temperature (800 degrees Fahrenheit) connectors and miniature plugs & jacks also available.



Specifications			
Part No.	Sheath Diameter	Sheath Material	Maximum Length "L" (in.)
A12-1	0.125	Molybdenum	108
A12-2	0.187		108
A12-3	0.250		108
A12-5	0.125	Tantalum	108
A12-6	0.187		108
A12-7	0.250		108
A12-10	0.187	Alumina	24
A12-11	0.250		24
A12-12	0.375		39
A12-14	0.250	Zirconia	18
A12-15	0.375		24
A12-16	0.187	Quartz	47
A12-17	0.250		47
A12-18	0.375		47

