

# PRODUCT INFO SHEET

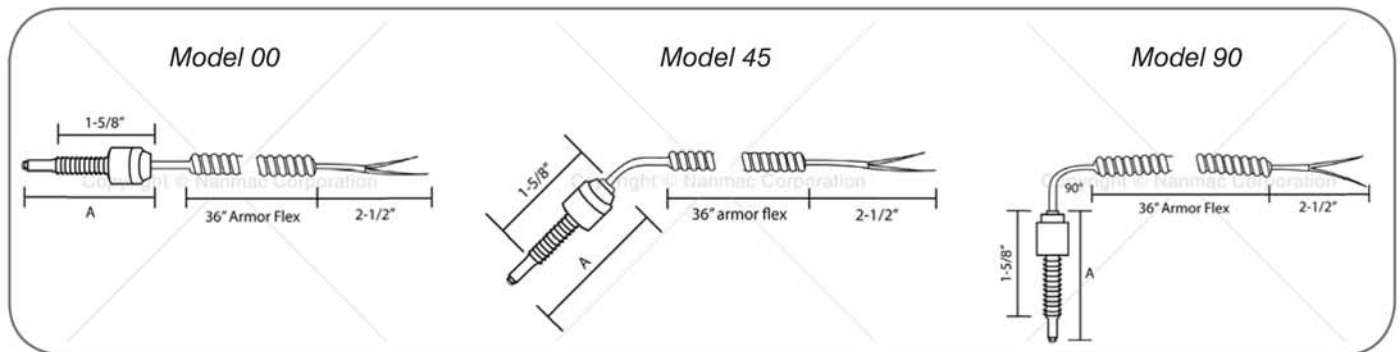
Nanmac Corporation

Quality • Performance • Solutions

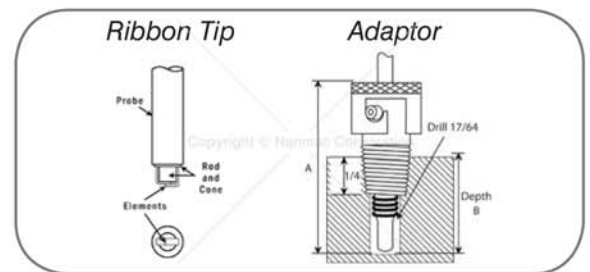
## Spring-Loaded Bayonet Ribbon Thermocouple A6A Series

Our Spring-Loaded Bayonet Ribbon Thermocouples are designed to improve accuracy on in-wall temperature measurements. The conventional spring-loaded bayonet type thermocouples has large inherent errors, especially in shallow-depth applications. These errors are due to the conduction of head, along the thermocouple sheath.

These ribbon bayonet thermocouples eliminate errors by using an exposed ribbon thermal junction at the sensing tip which is always in intimate contact with the bottom of the blind hole. Because of this specially designed sensing tip, these thermocouples eliminate errors caused by gradient and conduction along the thermowell.



Specifications					
Part No.	Model	Length "A" (in.)	Part No.	Model	Length "A" (in.)
A6A-1	00	2	A6A-19	90	2
A6A-2	00	2-1/2	A6A-20	90	2-1/2
A6A-3	00	3	A6A-21	90	3
A6A-4	00	3-1/2	A6A-22	90	3-1/2
A6A-5	00	4	A6A-23	90	2
A6A-6	00	4-1/2	A6A-24	90	2-1/2
A6A-7	00	5	A6A-25	90	3
A6A-8	00	5-1/2	A6A-26	90	3-1/2
A6A-9	00	6	A6A-27	90	6
A6A-10	45	2	Specify thermocouple calibration		
A6A-11	45	2-1/2			
A6A-12	45	3			
A6A-13	45	3-1/2			
A6A-14	45	4	All standard units have 36" armored extension leads.		
A6A-15	45	4-1/2			
A6A-16	45	5			
A6A-17	45	5-1/2			
A6A-18	45	6			
All bayonet thermocouples are supplied without adaptors and connectors.					



Depth "B" (in.)	Length "A"		
	7/8" long adaptor	1-3/8" long adaptor	2-1/2" long adaptor
1/2 to 1	2	2-1/2	3-5/8
1 to 1-1/2	2-1/2	3	4-1/2
1-1/2 to 2	3	3-1/2	4-5/8
2 to 2-1/2	3-1/2	4	5-1/8
2-1/2 to 3	4	4-1/2	5-5/8
3 to 3-1/2	4-1/2	5	6-1/8
3-1/2 to 4	5	5-1/2	6-5/8
4 to 4-1/2	5-1/2	6	7-1/8
4-1/2 to 5	6	6-1/2	7-5/8

PO Box 6640  
1657 Washington St., Bldg. 3  
Holliston MA 01746  
www.Nanmac.com  
engineering@nanmac.com

Foremost in Temperature Measurement™  
**NANMAC**

US & Canada: 1.800.786.4669  
International: 1.508.872.4811  
Fax: 1.508.879.5450  
info@nanmac.com