

## Nozzle Type Thermocouples

### Type J, K, and T Thermocouples

- Grounded

### Mounting Bolt

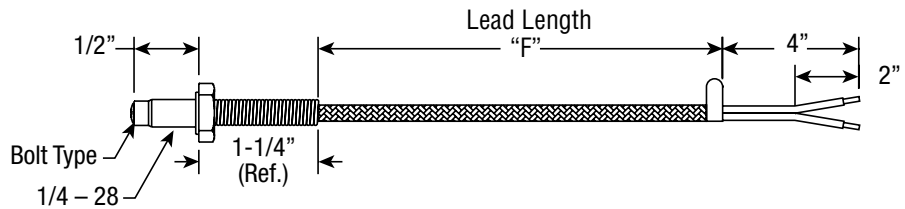
- 1/4 -28 NF Threaded Bolt

### Termination Options

- T/C wire with Stripped Leads
- Spade Lugs
- Thermocouple Plugs



### Dimensions - NTT (Nozzle Type Thermocouple)



### Description

Threaded nozzle thermocouples measure the temperature of the nozzle when placed in a threaded, shallow drill-hole on an injection nozzle. This type of TC does not directly contact the material flow. They are ideal in applications for nozzles with minimal wall thickness between the inside bore and hex flat. Threaded nozzle TCs are equipped with either a threaded, rotatable swivel bolt, or a fixed bolt which turns independently of the extension leads for easy installation. A wide selection of sensors, lead wire termination options and accessories is available from stock or can quickly be manufactured to customer specifications.

### Applications

- Injection Molds
- Plastic Extruders
- Presses

## Nozzle Type Thermocouples

### Ordering Information

Nozzle Type Thermocouple						
NTT	CODE	Thermocouple Alloy	Min Temp F.	Max Temp F.		
	J	Iron/Constantan	32	700		
	K	Chromel/Alumel	32	1600		
	T	Copper/Constantan	-328	400		
	<b>CODE</b>	<b>Lead Wire Type</b>			<b>Thermocouple Types</b>	
	F4	Fiberglass insulation - Stranded conductor			J,K	
	F6	Fiberglass insulation - Stranded conductor - stainless steel overbraid			J,K,T	
	T3	Teflon insulation - Stranded conductor			J,K,T	
	<b>CODE</b>	<b>Lead Length "F" Dimension</b>				
	XXX	XXX = Lead Length in Inches				
	<b>CODE</b>	<b>Bolt Type</b>				
	F	Fixed				
	R	Rotate Swivel				
	<b>CODE</b>	<b>Termination Options</b>			<b>Thermocouple Types</b>	
	01	None			J,K,T	
	02	Leads stripped 2"			J,K,T	
	03	Leads stripped 2" with spade lugs			J,K,T	
	04	Leads stripped 2" with 1/2" NPT Bx connector			J,K,T	
	05	Leads stripped 2" with spade lugs & 1/2" NPT Bx connector			J,K,T	
	06	Standard thermocouple plug*			J,K,T	
	07	Standard thermocouple jack*			J,K,T	
	08	Standard thermocouple plug with mating connector*			J,K,T	
	09	Standard thermocouple jack with mating connector*			J,K,T	
	10	Miniature thermocouple plug*			J,K	
	11	Miniature thermocouple jack*			J,K	
	12	Miniature thermocouple plug with mating connector*			J,K	
	13	Miniature thermocouple jack with mating connector*			J,K	
					* Plugs and Jacks 500°F maximum temperature	
NTT-	J	F6	036	R	02	Typical Model Number