

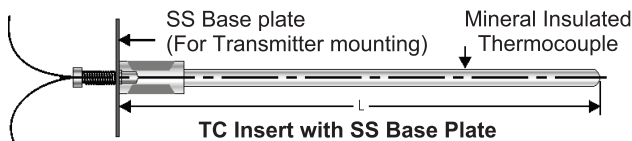
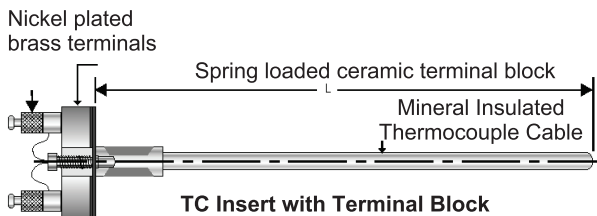


### Specifications

#### Standard Version

No of elements	: Simplex
Element type	: Chromel - Alumel (K type)
Accuracy	: Class 2 as per IEC - 584.2 / ANSI MC - 96.1
Hot junction type	: Ungrounded junction
Sheath diameter	: 6.0 mm
Sheath material	: SS 316
Cold end termination	: Spring loaded terminal block with SS base plate OD = 41 mm, PCD = 33 mm
Total length "L" mm	: 150 mm
Tag plate	: Aluminum tag plate

### Dimensional Details



Notes : • Drawings are not to scale.  
• All Dimensions are in mm.

### Special Features

- Spring loaded design for positive contact with Thermowell
- Available in various standard sheath diameters and sheath materials
- Transmitter output 4 - 20mA (optional)
- Reference standard : IEC - 584.2 / ANSI MC - 96.1

### Application

- Used as a spare or replacement thermocouple element in existing Thermocouple assembly with thermowells / protection tubes

### How To Order

#### Basic model

#### Optional Extras

(Select if you required options other than standard product details)

#### No of Elements

**1** Simplex (Std.)    **2** Duplex (Above sheath dia. 3 mm)

#### Element Type

<b>K</b>	Chromel-Alumel	
<b>J</b>	Iron-Constantan	
<b>T</b>	Copper-Constantan	
<b>E</b>	Chromel-Constantan	X
<b>R</b>	Platinum 13% Rhodium - Platinum*	
<b>S</b>	Platinum 10% Rhodium - Platinum*	
<b>B</b>	Platinum 6% Rhodium - Platinum 30% Rhodium*	
<b>N</b>	Nicrosil - Nisil	

\* Non MI beaded (Sheath diameter 6 mm & above)

#### Accuracy

<b>1</b>	Class 1 as per IEC - 584.2 / ANSI MC - 96.1	X
<b>2</b>	Class 2 as per IEC - 584.2 / ANSI MC - 96.1	

#### Hot Junction Type

<b>G</b>	Grounded Junction	<b>UG</b>	Un-Grounded Junction	X
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#### Sheath Diameter

<b>1</b>	1.0 mm	<b>6</b>	6.0 mm
<b>1.5</b>	1.5 mm	<b>4.5</b>	4.5 mm
<b>2</b>	2.0 mm	<b>8</b>	8.0 mm
<b>3</b>	3.0 mm	Others, please specify.	

Note: Sheath Dia. 1.0 mm, 1.5 mm & 2 mm will be applicable for simplex element only.

#### Sheath Material

<b>1</b>	SS 316	<b>6</b>	Inconel 600	X
<b>3</b>	SS 310			

#### Total Length

L - Specify in mm.

150 mm

#### Other Options

<b>13</b>	Head Mounted Transmitter (4 - 20 mA) (With SS base plate)	XX
<b>PW</b>	Calibration Certificate	
<b>SX</b>	SS Tag Plate	

#### Note :

1. When selecting option "PW", please also specify temp. points at which calibration is to be carried out .

**Ordering Example : T05 . X . X . X . X . X . X . 150mm . XX**

Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing .  
Modifications may take place and materials specified may be replaced by others without prior notice.