



**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

**Applications**

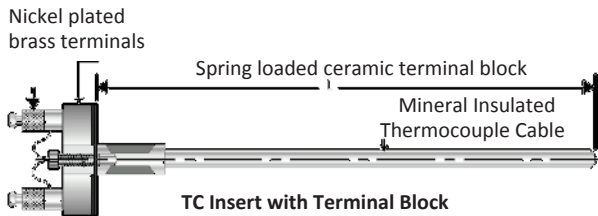
- Used as a spare or replacement thermocouple element in existing Thermocouple assembly with thermowells / protection tubes

**Specifications**

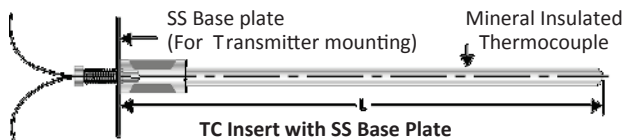
**Standard Version**

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	: SS tag plate

**Dimensional Details**



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



**How To Order** - Ordering Example : 2511TC: TTB.1.K.1.G.6.SS.150mm.C5

Basic Model		2511TC : TTB	
Code	No. of Elements	Code	No. of Elements
1	Simplex (Std.)	2	Duplex (Above sheath dia. 3 mm)

Code	Element Type
K	Chromel-Alumel
J	Iron-Constantan
T	Copper-Constantan
E	Chromel-Constantan
R	Platinum 13% Rhodium - Platinum*
S	Platinum 10% Rhodium - Platinum*
B	Platinum 6% Rhodium - Platinum 30% Rhodium*
N	Nicrosil - Nisil

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

Code	Accuracy
1	Class 1 as per IEC - 584.2 / ANSI MC - 96.1
2	Class 2 as per IEC - 584.2 / ANSI MC - 96.1

Code	Hot Junction Type	Code	Hot Junction Type
G	Grounded Junction	UG	Un-Grounded Junction (Std.)

Code	Sheath Diameter	Code	Sheath Diameter
1	1.0 mm*	6	6.0 mm
1.5	1.5 mm*	4.5	4.5 mm
2	2.0 mm*	8	8.0 mm
3	3.0 mm		Others, please specify.

Code	Sheath Material	Code	Sheath Material
SS	SS 316	I6	Inconel 600
SS31	SS 310		

Code	Total Length
XX	Specify in mm.

Code	Options
HMTx	Head Mounted Transmitter (4 - 20 mA) (With SS base plate)
C5	Calibration Certificate
ST	SS Tag Plate

1. When selecting option "C5", please also specify temp. points at which calibration is to be carried out.

2. Explanations of Abbreviations used:

SC = Single Compression

SS = Stainless Steel

DC = Double Compression

FLP = Flameproof

WP = Weatherproof