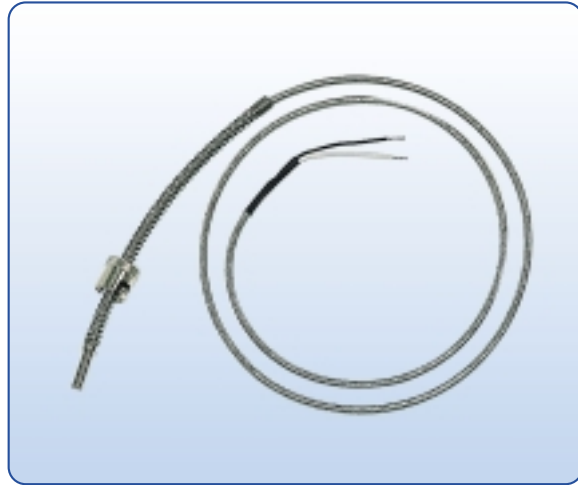


# Thermocouples TC IM WB



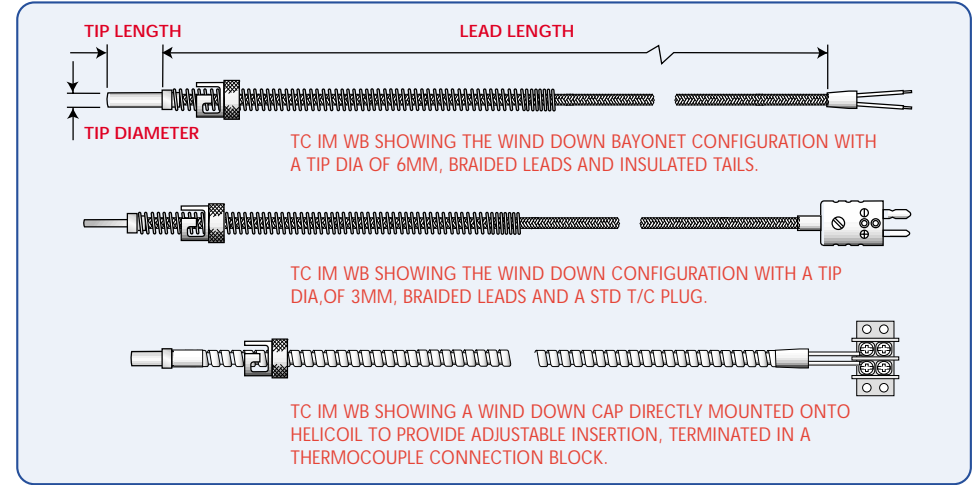
The TC IM WB Series of Thermocouples comprises of a range of probes with adjustable bayonet fittings.

The insertion length of the probe is variable by means of a Bayonet Cap that can be wound along a compression spring to give fine adjustment over a large immersion range.

They are available with a choice of lead insulation and termination as shown in the order code below.

In addition to being specified in many new applications the very wide range of bayonet caps available means it is often possible to retro fit these probes into existing machines, primarily in the Plastics Industry. A range of bayonet adaptors is also available.

*The thermocouple element/cable are supplied, as standard, to Thermocouple Tolerance Class 1 for greater accuracy.*



CALIBRATION TYPE	
K	
J	
T	

JUNCTION TYPE	
Type	Code
Insulated	I
Grounded	G

*Grounded junctions have a silver soldered tip*

TIP DIAMETER	
Size	Code
3.00mm	30
4.50mm	45
4.80mm	48
6.00mm	60

TIP LENGTH	
<i>Insert dimension in mm</i>	
Example	Code
5mm	05
10mm	10
12mm	12
etc.	

**ORDER CODE**  
TC IM WB - J - D -- TL -- B --- SL --- LL ---- LI -- T --

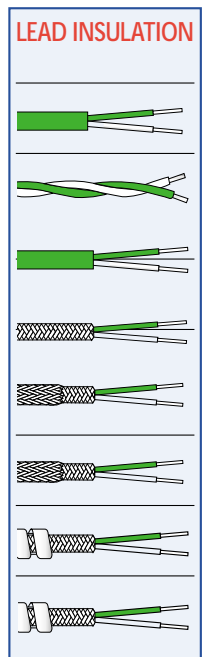
BAYONET CAP		
Description		Code
Single slot 10mm ID		BC01
Double slot 10mm ID		BC02
Single slot 11.5mm ID		BC03
Double slot 12.5mm ID		BC04
Double slot 15mm ID		BC05
Single slot 11.5mm ID		BC06
Double slot 15mm ID		BC07
Double slot 14mm ID		BC08
Double slot 16mm ID		BC09
2 Peg 10mm OD		BC11
2 Peg 12mm OD		BC12

*BC06/BC07 are wound onto the helicoil outer*

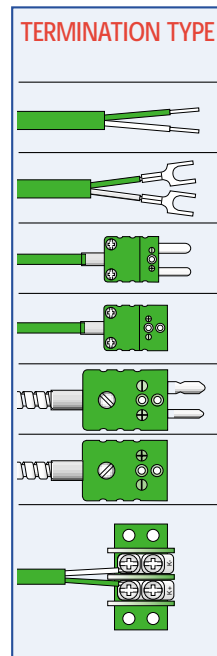
SPRING LENGTH	
Length	Code
100mm	100
150mm	150
180mm	180
300mm	300

LEAD LENGTH	
Length	Code
250mm	0250
500mm	0500
1.0mtr	1000
1.5mtr	1500
2.0mtr	2000
3.0mtr	3000
4.0mtr	4000
5.0mtr	5000

LEAD INSULATION		
	Max. Temp	Code
PVC leads/PVC Outer	100°C	L1
Teflon Twisted	260°C	L2
Teflon leads/Teflon outer	260°C	L3
Glass Braided	400°C	L4
Glass braided/ tin copper braid outer	400°C	L5
Glass braided/ St/St braid outer	400°C	L6
Glass braided/ Galv helicoil outer	400°C	L7
Glass braided/ St/Steel helicoil outer	400°C	L8

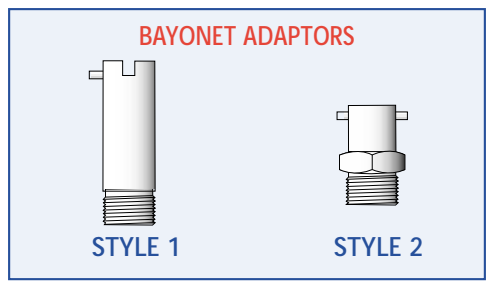


TERMINATION TYPE	
	Code
75mm tails	T1
T/C spade terminals	T2
Miniature T/C plug	T3
Miniature T/C socket	T4
Std T/C plug	T5
Std T/C socket	T6
T/C connector block (with thermocouple material terminals)	T7



## BAYONET ADAPTORS

STYLE 1				
Thread	O/D	No of Pegs/Slots	Length	Code
1/8" BSP	11mm	1 Peg	24mm	B1
1/8" BSP	11mm	1 Peg	35mm	B2
1/8" BSP	11mm	1 Peg	48mm	B3
1/8" BSP	11mm	1 Peg	22mm	B4
1/8" BSPT	11mm	2 Pegs	22mm	B5
1/8" BSPT	11mm	1 Peg	35mm	B6
1/8" BSPT	11mm	1 Peg	22mm	B7
1/8" BSPT	11mm	2 Pegs	70mm	B8
1/8" NPT	11mm	1 Peg	22mm	B9
M10x1	11mm	2 Pegs	22mm	B10
STYLE 2				
M12x1.5	12mm	2 Pegs	50mm	B11
M14x1.5	14mm	2 Slots	50mm	B12
M14x1.5	14mm	2 Slots	60mm	B13
M14x1.5	14mm	2 Pegs	50mm	B14
M14x1.5	14mm	2 Pegs	60mm	B15



*The order code information above is shown as a guide to specifying the probe.*

*Please contact our sales office if any features that you require are not shown.*

*The range of bayonet caps & adaptors are from our standard range - others can be manufactured to your requirements. Colours of Leads and Terminations are for Type K Calibration, colours will change according to Calibration.*