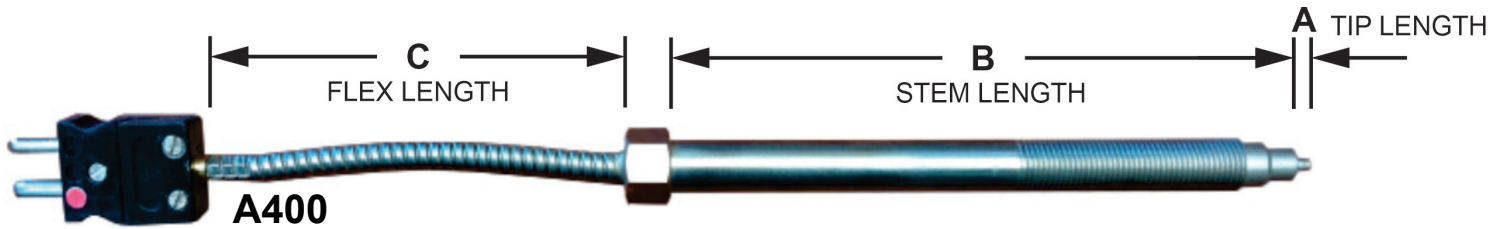


A400 - MELT BOLT T/C and RTD'S

DESCRIPTION

A400 Series Melt Bolt Thermocouples and RTD's are ideal to measure polymer temperature inside the extrusion or injection molding machine. The tip can stick as much as 1"(25mm) into the plastic flow. The temperature sensors are designed to fit in the exact same hole as our melt pressure transducers / Transmitters.

A400 - FIXED TIP STYLE



STANDARD FEATURES

Max Pressure : 20,000psi (1400bar)
 Max Temp : 900°F (450°C)
 Body : 304 S/S
 Tip Length : Flush to 1" (0-25mm)
 Threads : 1/2-20UNF, M14X1.5, M18x1.5
 Sensor : Thermocouple J/K, PT100 RTD
 Bolt Length : 2" - 12" (50-305mm)

Fits Standard Melt Pressure Transducer Hole

LEAD MATERIAL



F - FIBERGLASS



B - STAINLESS BRAID

MAX TEMP: 900°F(485°C) MOISTURE: GOOD CHEMICAL: GOOD ABRASION: EXCELLENT



H - STAINLESS HOSE

MAX TEMP: 900°F(485°C) MOISTURE: EXCELLENT CHEMICAL: EXCELLENT ABRASION: EXCELLENT



T - TEFLON

MAX TEMP: 500°F(260°C) MOISTURE: EXCELLENT CHEMICAL: EXCELLENT ABRASION: GOOD



S - FIBERGLASS STRANDED

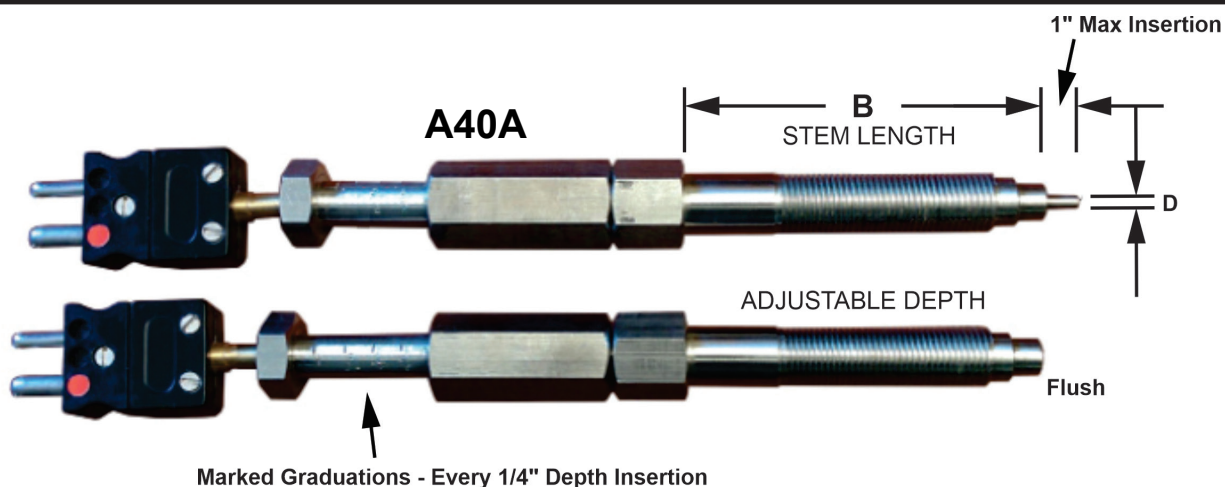
A400 - ORDER CODE

A400X - A - B - C - X - X - X

TYPE	TIP LENGTH	STEM LENGTH	LEAD LENGTH	TERMINATION	LEADS	OPTIONS
J - TYPE J	0 - FLUSH	3 - 3" (76mm)	0	0 - STRIPPED LEADS	F - FIBERGLASS STRANDED	U - UNGROUNDED
K - TYPE K	1/8 - 1/8" (3.2mm)	4 - 4" (101mm)	6 - 6" (152mm)	1 - FORK TERMINALS	B - STAINLESS BRAID	N - 1/2"-20UNF GROUNDED
T - TYPE T	3/16 - 3/16" (4.7mm)	6 - 6" (152mm)	24 - 24" (610mm)	2 - STANDARD MALE PLUG	H - STAINLESS HOSE	M18 - M18x1.5 THREAD
RTD2 - PT100	1/4 - 1/4" (6.3mm)	8 - 8" (203mm)	48 - 48" (1220mm)	3 - STANDARD FEMALE JACK	T - TEFLON	M14 - M14x1.5 THREAD
RTD3 - PT100		X - CUSTOM	120 - 120" (1220mm)	4 - MINI MALE PLUG	S - FIBERGLASS STRANDED	
				5 - MINI FEMALE JACK		

A40A - MELT BOLT T/C and RTD'S - ADJUSTABLE STYLE

A40A - ADJUSTABLE STYLE

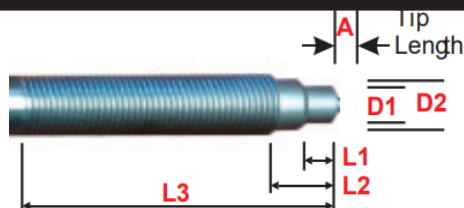


STANDARD FEATURES

- Max Pressure : 10,000psi (700bar)
- Max Temp : 500°F (260°C)
- Body : 304 S/S
- Tip Length : Flush to 1" (0-25mm)
(Adjustable under Pressure)

Fits Standard Melt Pressure Transducer

THREAD DIMENSIONS

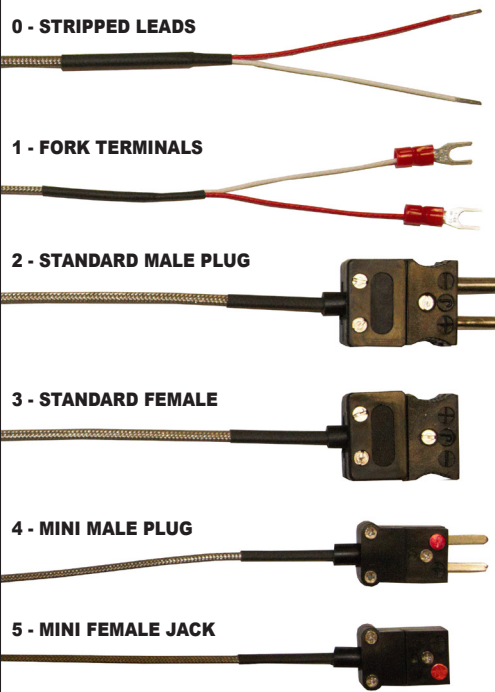


Dim.	1/2"-20UNF	M14x1.5	M18x1.5
D1	0.306" (7.8mm)	0.315" (8.0mm)	0.394" (10.0mm)
D2	0.413" (10.5mm)	0.472" (12.0mm)	0.630" (16.0mm)
L1	0.209" (5.3mm)	0.236" (6.0mm)	0.236" (6.0mm)
L2	0.433" (11.0mm)	0.472" (12.0mm)	0.551" (14.0mm)
L3	1.063" (27.0mm)	1.260" (32.0mm)	1.338" (34.0mm)

A40A - ORDER CODE

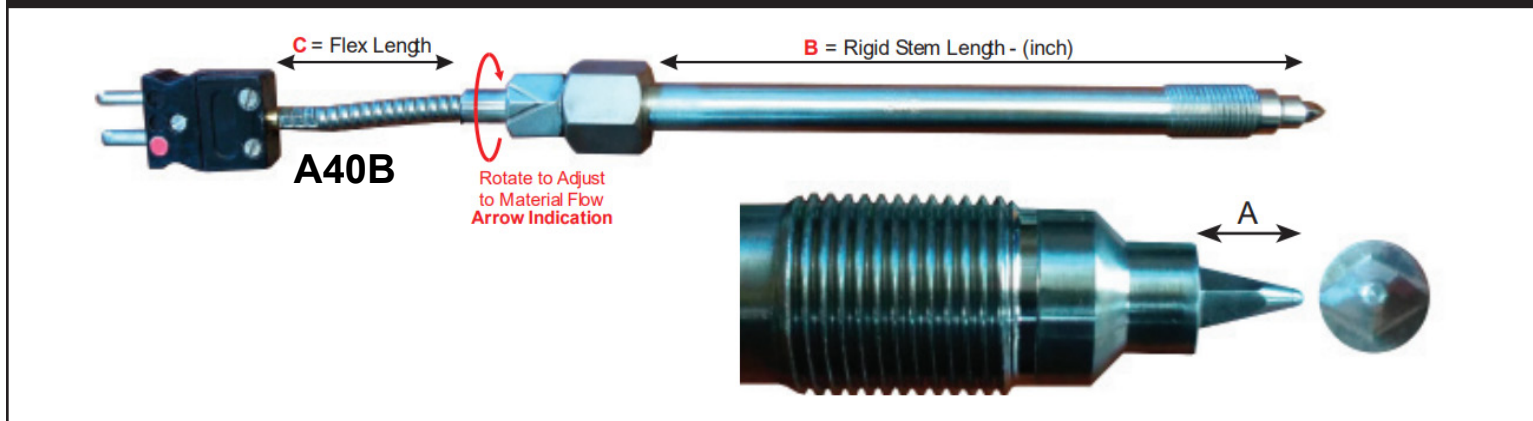
A40AX	- X	-	B	-	X	-	X	-	X
TYPE	TIP DIAMETER		STEM LENGTH		TERMINATION		LEADS		OPTIONS
J - TYPE J	1/8 - 1/8" (3.2mm)		3 - 3" (76mm)		0 - STRIPPED LEADS		F - FIBERGLASS STRANDED		U - UNGROUNDED
K - TYPE K	5/32 - 5/32" (4mm)		4 - 4" (101mm)		1 - FORK TERMINALS		B - STAINLESS BRAID		N - 1/2"-20UNF GROUNDED
T - TYPE T	3/16 - 1/8" (3.2mm)		6 - 6" (152mm)		2 - STANDARD MALE PLUG		H - STAINLESS HOSE		M18 - M18x1.5 THREAD
RTD2 - PT100	N - 1/2"-20UNF GROUNDED		8 - 8" (203mm)		3 - STANDARD FEMALE JACK		T - TEFLON		M14 - M14x1.5 THREAD
RTD3 - PT100			X - CUSTOM		4 - MINI MALE PLUG		S - FIBERGLASS STRANDED		
					5 - MINI FEMALE JACK				

TERMINATIONS



A40B - MELT BOLT T/C and RTD'S - BLADE STYLE

A40B - BLADE STYLE



STANDARD FEATURES

- Max Pressure : 15,000psi (1000bar)
- Max Temp : 900°F (450°C)
- Body : 304 S/S
- Tip Length : Flush to 1" (0-25mm)
- Blade : Can be adjusted to flow direction

Fits Standard Melt Pressure Transducer Hole

LEAD MATERIAL



F - FIBERGLASS



B - STAINLESS BRAID

MAX TEMP: 900°F(485°C) MOISTURE: GOOD CHEMICAL: GOOD ABRASION: EXCELLENT



H - STAINLESS HOSE

MAX TEMP: 900°F(485°C) MOISTURE: EXCELLENT CHEMICAL: EXCELLENT ABRASION: EXCELLENT



T - TEFLON

MAX TEMP: 500°F(260°C) MOISTURE: EXCELLENT CHEMICAL: EXCELLENT ABRASION: GOOD



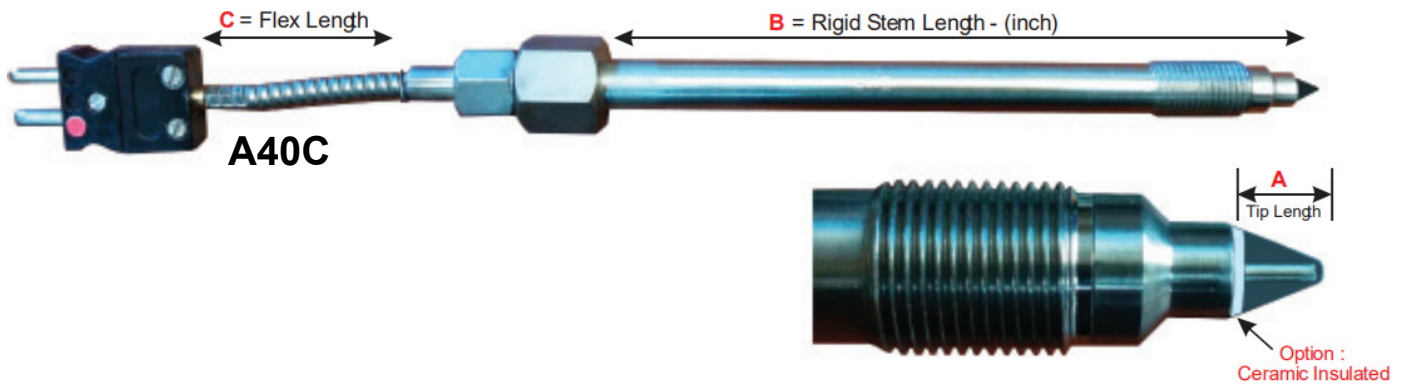
S - FIBERGLASS STRANDED

A40B - ORDER CODE

A40BX	-	A	-	B	-	C	-	X	-	X	-	X
TYPE	TIP LENGTH	STEM LENGTH	LEAD LENGTH	TERMINATION	LEADS	OPTIONS						
J - TYPE J	0 - FLUSH	3 - 3" (76mm)	0	0 - STRIPPED LEADS	F - FIBERGLASS STRANDED	U - UNGROUNDED						
K - TYPE K	1/8 - 1/8" (3.2mm)	4 - 4" (101mm)	6 - 6" (152mm)	1 - FORK TERMINALS	B - STAINLESS BRAID	N - 1/2"-20UNF GROUNDED						
T - TYPE T	3/16 - 3/16" (4.7mm)	6 - 6" (152mm)	24 - 24" (610mm)	2 - STANDARD MALE PLUG	H - STAINLESS HOSE	ED						
RTD2 - PT100	1/4 - 1/4" (6.3mm)	8 - 8" (203mm)	48 - 48" (1220mm)	3 - STANDARD FEMALE JACK	T - TEFLON	M18 - M18x1.5 THREAD						
RTD3 - PT100		X - CUSTOM	120 - 120" (1220mm)	4 - MINI MALE PLUG	S - FIBERGLASS STRANDED							
				5 - MINI FEMALE JACK								

A40C - MELT BOLT T/C and RTD'S - CONICAL STYLE

A40C - CONICAL STYLE



STANDARD FEATURES

Max Pressure : 15,000psi (1000bar)
 Max Temp : 900°F (450°C)
 Body : 304 S/S
 Tip Length : Flush to 1" (0-25mm)
 Option : Ceramic insulated Tip

Fits Standard Melt Pressure Transducer Hole

TERMINATIONS

0 - STRIPPED LEADS

1 - FORK TERMINALS

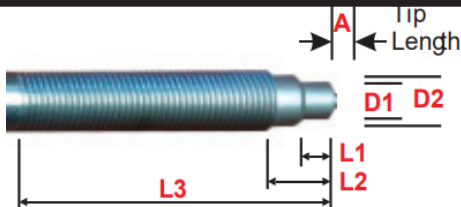
2 - STANDARD MALE PLUG

3 - STANDARD FEMALE

4 - MINI MALE PLUG

5 - MINI FEMALE JACK

THREAD DIMENSIONS



Dim.	1/2"-20UNF	M14x1.5	M18x1.5
D1	0.306" (7.8mm)	0.315" (8.0mm)	0.394" (10.0mm)
D2	0.413" (10.5mm)	0.472" (12.0mm)	0.630" (16.0mm)
L1	0.209" (5.3mm)	0.236" (6.0mm)	0.236" (6.0mm)
L2	0.433" (11.0mm)	0.472" (12.0mm)	0.551" (14.0mm)
L3	1.063" (27.0mm)	1.260" (32.0mm)	1.338" (34.0mm)

A40C - ORDER CODE

A40CX - A - B - C - X - X - X

TYPE	TIP LENGTH	STEM LENGTH	LEAD LENGTH	TERMINATION	LEADS	OPTIONS
J - TYPE J	0 - FLUSH	3 - 3" (76mm)	0	0 - STRIPPED LEADS	F - FIBERGLASS STRANDED	U - UNGROUNDED
K - TYPE K	1/8 - 1/8" (3.2mm)	4 - 4" (101mm)	6 - 6" (152mm)	1 - FORK TERMINALS	B - STAINLESS BRAID	N - 1/2"-20UNF GROUNDED
T - TYPE T	3/16 - 3/16" (4.7mm)	6 - 6" (152mm)	24 - 24" (610mm)	2 - STANDARD MALE PLUG	H - STAINLESS HOSE	M18 - M18x1.5 THREAD
RTD2 - PT100	1/4 - 1/4" (6.3mm)	8 - 8" (203mm)	48 - 48" (1220mm)	3 - STANDARD FEMALE JACK	T - TEFLON	M14 - M14x1.5 THREAD
RTD3 - PT100		X - CUSTOM	120 - 120" (1220mm)	4 - MINI MALE PLUG	S - FIBERGLASS STRANDED	
				5 - MINI FEMALE JACK		