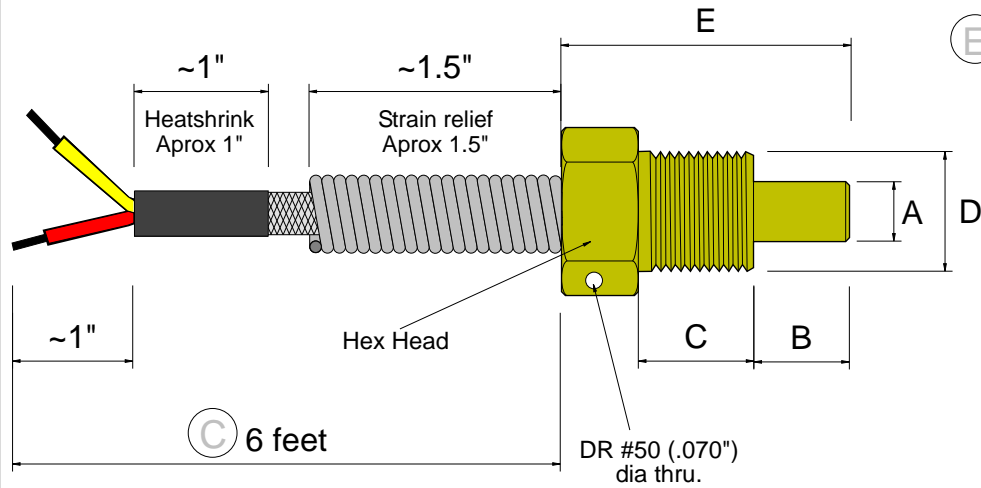


MATERIAL:

**T3BxProbe**  
Weight 3 oz.

Lead Specifications:

TYPE "K" THERMOCOUPLE  
SHIELDED WIRE



Type	A Tip Diam.	B Tip length	C Thread length	D (Thread)	E overall length	Hex Head
T3B1	0.27	0.305	0.38	1/8" NPT	0.93	1/2"
T3B1-A	0.15	0.51	0.36	1/8" NPT	1.12	1/2"
T3B1-S	0.27	1.00	0.38	1/8" NPT	1.63	1/2"
T3B2	0.30	0.51	0.40	3/8-24-3A	1.26	5/8"
T3B3	0.31	0.50	0.60	5/8-18-3A	1.50	7/8"
T3B3A	0.31	0.80	0.30	5/8-18-3A	1.50	7/8"
T3B3-2.5	0.28	1.92	0.40	5/8-18-3A	2.67	7/8"
T3B4	0.27	0.40	0.47	M10 - 1.5	1.12	1/2"
T3B5	0.30	0.51	0.40	3/8-24-3A	1.26	5/8"
T3B6	0.29	1.78	0.50	M16 - 1.5	2.67	7/8"
T3B7	0.30	0.51	0.40	M12 - 1.5	1.26	5/8"
T3B8	0.125	0.25	0.25	1/4-20-3A	0.85	3/8"
T3B8-S	0.125	0.50	0.25	1/4-20-3A	1.35	3/8"
T3B9	0.25*	.515*	0.385	7/16-20	1.30	7/8"
T3B10	0.125	0.25	0.25	1/4-28	0.85	3/8"
T3B10-S	0.125	0.50	0.25	1/4-28	1.35	3/8"
T3B11	0.31	0.50	0.60	1/4-18 NPT	1.50	7/8"
T3B12	0.19	1.0	0.50	5/16-24	1.75	1/2"
T3B13	0.3	0.515	0.40	1/8-27 NPT	1.26	1/2"
T3B14	0.31	5/16" <small>0.3125</small>	0.60	1/4-18 NPT	1.50	7/8"
T3B15	0.31	0.80	0.30	1/2-20 AN	1.50	7/8"
T3B16	0.15	0.50	0.25	M6 x 1pitch	1.00	1/2"

UNGROUND TYPE THERMOCOUPLE  
SHIELD CONNECTED TO PROBE

TSO-C43c  
Temperature Specs:

Range: -50 to 320°F  
-45 to 160°C

Accuracy:  
Above 0°C, ± 2.2°C or 0.75%  
Below 0°C, ± 2.2°C or 2%  
Whichever is greater

Notes:

\* 3B9 Diam. A/B is stepped, 0.25" to .365 deep, then .355 to .515 deep

Use MS 35769-6 crushwasher with 3B2  
Use MS 35769-11 crushwasher with 3B3x  
Use appropriate Crush washer with 3B4, 3B6, 3B7, 3B8, 3B9, 3B10, 3B12  
Use thread-locker / sealent on 3B1x, 3B11

Specification Drawing

				TOLERANCES EXCEPT AS NOTED		UMA Inc, 260 Main St. Dayton, VA 22821	
F	T3B14,15,16 ADDED	ShM	12/2012	SCALE N/A		DATE: 6/06	SHEET 1 of 1
E	T3B3&T3B3A "A" diameter changed	ShM	02/2012	SUPPLIER COMPLETE <input type="checkbox"/>		DRAW BY EC	
D	B1-A, B8-S & B10-S ADDED	ShM	11/2010	DESCRIPTION T3Bx TSO Type K Temp.Probe Specification			
C	T/C WIRE LENGHT CHANGED 4'-6	ShM	02/10	APP JM		PART# T3BX	REV F
B	B11, B12, B13 ADDED	ShM	11/09				
A	B8, B9, B10 ADDED	EC	12/06				
ECO	REV	DESCRIPTION	DR	DATE	APP		