

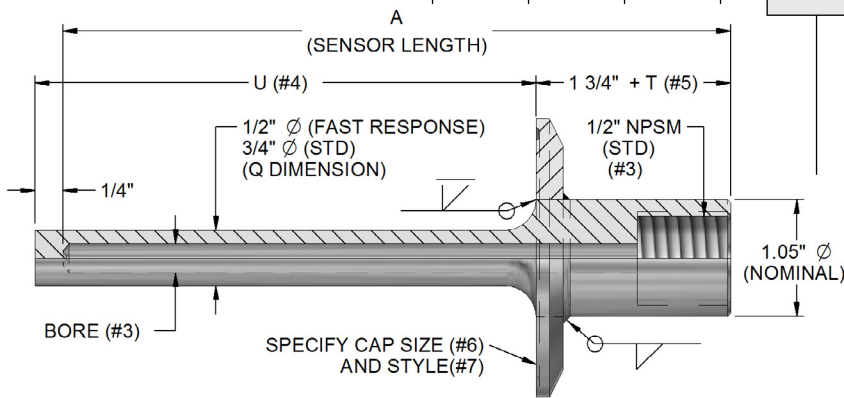
3-A CERTIFIED SANITARY CAP THERMOWELLS

#1	DESCRIPTION												
5F	Sanitary thermowells - Add "W" here for a plug with a chain attached to well. (Example. 5FW)												
	#2	STYLE [25-27]											
	A	Step shank	F	Fast response straight shank (1/2" Q)			S	Straight shank (3/4" Q)			T	Tapered shank	
		#3	BORE SIZE & SENSOR CONNECTION Standard is NPSM. See drawing below.										
		2	.260" ID	X	Other, specify							Add "N" for FNPT (Example: 2N=FNPT)	
		3	.385" ID										
		#4	U (INSERTION) DEPTH [15]										
		B	2-1/2"										
		C	4-1/2"										
		D	6"										
		E	7-1/2"										
		U__"	Other, specify										
		#5	T (LAG) EXTENSION										
		T__"	Lag length in inches				Z	No lag					
		#6	CAP SIZE See Tri-Clamp Size Chart on page 4-1										
		15	1 x 1-1/2	30	3	80	8	X*	Other, specify				
		20	2	40	4	100	10	Z	N/A				
		25	2-1/2	60	6	120	12						
		#7	CAP STYLE [see 4-9, Row 9 for illustrations]										
		T	Tri-Clamp (16 AMP)			P	PV gasket (16APV)			A***	3A4 adapter		
		B***	Bevel seat w/o 13H nut			PH	w/o 13-H nut			X*	Other,specify		
		BH***	Bevel seat w/ 13H nut			PV gasket (16APV)							
		I**	I clamp (16AI-14I)			w/ 13-H nut							
		#8	MATERIAL										
		H	304 SS						L	316L SS			
		I	304L SS						X	Other, specify			
		K	316 SS										
		#9	POLISH										
		H	High polish #4 finish (≤ 32 microinches(µin))(Standard)										
		E	Electropolish after #4 finish (≤ 32 microinches(µin))										
		P	Passivate after #4 finish (≤ 32 microinches(µin))										
		F	Fine polish (≤ 20 microinches(µin))										
		V	Ultra polish 8G finish (≤ 8 microinches(µin))										
		X	Other, specify										
		#10	TAGGING OPTIONS										
		1	Laser etched or stamped on well (Standard)										
		X	Other										
		Z	N/A										
		#11	DOCUMENTATION / CERTIFICATION Choose as many as applicable (Example: "DU" requests dye penetrant test and X-Ray examination)										
		M	Material Test Report (MTR) for wetted parts										
		D	Dye penetrant testing										
		P	Internal hydrostatic pressure test										
		U	X-Ray examination										
		W	Premium SwiftyCalc, ASME 19.3TW calculation										
		S	Surface finish certificate										
		E	Certificate of electropolish										
		A	Certificate of no Animal Derived Material (ADM)										
		N	Certificate of no polishing compounds										
		O	Certificate of cleaned for oxygen service										

Note: Standard (sensor) connections are 1/2" FNPSM (female straight) to match 1/2" MNPT (male tapered)

Note: See illustration and sensor length equations below to calculate your mating sensor's Immersion length.

Note: Ingold socket and threaded fittings are readily available. Because of the diversity of sizes, materials and other options, please consult JMS directly.



Note:

-Matching sensor length for sensors with a spring-loaded fitting
 $A = U \text{ length}(\#4) + 1 \frac{1}{2}'' + T \text{ length}(\#5)$

-Matching sensor length for sensors with a welded fitting
 $A = U \text{ length}(\#4) + 3/4'' + T \text{ length}(\#5)$

* When specifying X, ensure that it meets 3-A standard.
 ** Not 3-A authorized.
 *** Must be cleaned manually.

5F	A	2	D	2"	15	T	K	H	1	M
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