

SANITARY WELD-IN THERMOWELLS

JMS Southeast, Inc. is proud to be a certified US manufacturer of a full line of sanitary RTDs, Thermocouples, and Thermowells ([3-A Standard 74-07](#)).

JMS Southeast's sanitary weld-in thermowell designs are manufactured to exacting 3-A Standard 74-07 requirements, enabling you to maintain a clean in place manufacturing process incorporating easy to calibrate, removable and replaceable temperature sensors. Sanitary weld-in thermowells should be welded to a tank or a vat with a full penetration crevice-free fillet weld to avoid cracks and crevices. Standard sanitary weld-in wells are fabricated from stainless steel and then polished to a #4 finish or better depending on the customer specification. If desired, wake frequency calculations per ASME/ANSI PTC 19.3TW can be performed on these products using [JMS's free SwiftyCalc software](#).



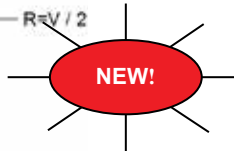
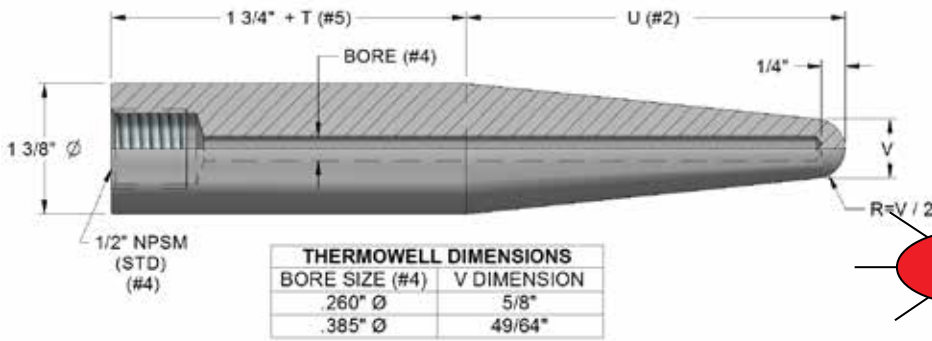
Standard Number 74-07

In addition to sanitary weld-in thermowells, JMS also offers a full line of [Sanitary Cap Thermowells](#) that also meet 3-A Standard 74-07.

#1	DESCRIPTION						
5C	3-A Certified sanitary thermowells - Add "W" here for a plug with a chain attached to well. (Example. 5CW)						
#2	U (INSERTION) DEPTH [15]						
U__"	Specify length in inches. Note: When specifying spring-loaded replacement sensor, customer should specify immersion length 1/4" shorter than the overall weld-in thermowell length						
#3	MATERIAL Note: see page 5-1 for more options.						
H I	304 SS 304L SS	K L	316 SS 316L SS	X	Other, specify		Note: When specifying an X, material selected must comply with 3-A standard, 74-03
#4	BORE SIZE & SENSOR CONNECTION insert 1/2" NPSM.						
2	.260" ID	3	.385" ID	X	Other, specify		Add "N" for FNPT (Example: 2N=FNPT)
#5	T (LAG) EXTENSION [5-15]						
Z	N/A (No Lag)				T__"	Specify length in inches	
#6	TAGGING OPTIONS						
1 X Z	Stamped on well (Standard) Other N/A						
#7	DOCUMENTATION & CERTIFICATIONS -- use all that apply (Example: "DU" requests dye penetrant test & X-Ray examination)						
M D P U W S	Material Test Reports (MTR) Dye penetrant testing Internal hydrostatic pressure test X-Ray examination Premium SwiftyCalc ASME 19.3TW calculation Surface finish certificate			E A N O	Certificate of electropolish Certificate of No Animal Derived Material (ADM) Certificate of no polishing compounds Certificate of cleaned for Oxygen service		

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

Note: Does not include head and nipple. These parts may be ordered separately.



FREE Wake Frequency Calculations to ASME PTC 19.3 TW, [SwiftyCalc!](#) Visit JMS-SE.com to sign up today!
www.JMS-SE.com/SwiftyCalc