

**BAR STOCK, SOCKET-WELD CONNECTION WITH LAG**

**How to build a part number:**

To order an Applied Sensor Technologies thermowell, select the requirements for the categories listed below and fill in the corresponding boxes with your selection. Don't see exactly what you need? Give us a call!

PROCESS CONNECTION	STYLE	BORE	WELL LENGTH	LAG EXTENSION	WELL MATERIAL	OPTIONS

**PROCESS CONNECTION (P)**

- 2** – 3/4" pipe (OD = 1.05")
- 3** – 1" pipe (OD = 1.315")
- 5** – 1-1/2" pipe (OD = 1.90")

**STYLE**

- SWL** – Socket-weld connection, stepped stem, no lag (for straight stem, see Options)
- SWLH** – Socket-weld connection, tapered stem, no lag

**BORE**

- 260** – 0.260" bore
- 385** – 0.385" bore

**WELL LENGTH (in inches)\***

- L#** – Specify length of thermowell (e.g., L9 = 9")
- Standard lengths:

	Length (L) =	U =	
		If T = 2"	If T = 3"
<b>L6</b>	6"	2.5"	1.5"
<b>L9</b>	9"	5.5"	4.5"
<b>L12</b>	12"	8.5"	7.5"
<b>L15</b>	15"	11.5"	10.5"
<b>L18</b>	18"	14.5"	13.5"
<b>L24</b>	24"	20.5"	19.5"

Specify other (L = U+T+1.5")

**LAG EXTENSION (in inches)**

- T#** – Specify length of lagging (e.g., T2=2" lag)
- T2** – 2"    **T3** – 3"    Specify other

**WELL MATERIAL**

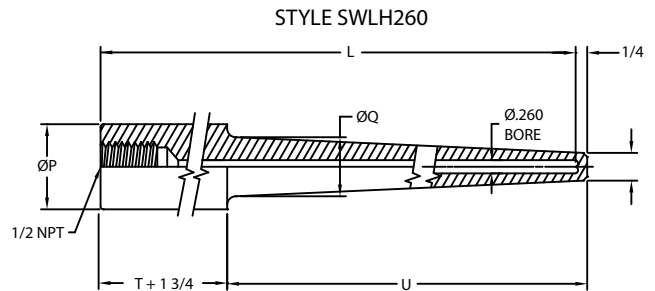
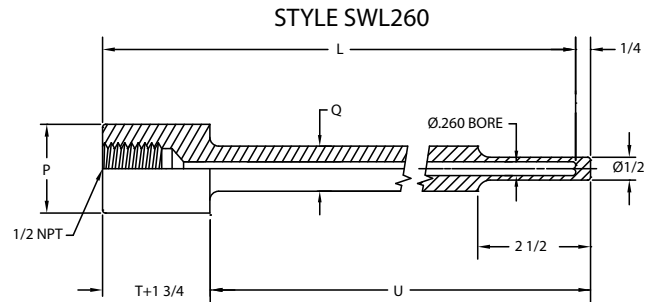
- 304 stainless steel
- 310** – 310 stainless steel
- 316** – 316 stainless steel
- INC** – Inconel 600®
- 321** – 321 stainless steel
- ALUM** – Aluminum
- HAST** – Hastelloy C®
- TTNM** – Titanium
- 316L** – 316L stainless steel
- 400** – Monel 400®
- CS** – Carbon steel
- F11** – F11 carbon steel (forged)
- F22** – F22 carbon steel (forged)
- F91** – F91 carbon steel (forged)
- A20** – Alloy 20
- BRASS** – Brass

**OPTIONS**

- TW01** – Stainless steel cap and chain assembly
- TW02** – Brass cap and chain assembly
- MTR1** – Material Test Report
- TAG2** – Stamped tag #
- WFC1** – Wake Frequency Calculations
- STRT** – Straight stem

Root Diameter (Q)

Process Connection =	3/4" pipe	1" pipe	1.5" pipe
SWL260 & 385	.75"	.88"	1.25"
SWLH260 & 385	.75"	1.00"	1.25"
SWLH Tip Diameter	.63"	.75"	.75"



(\* ) Thermowells with an overall length of 42" or less are machined from SOLID BAR STOCK. Thermowells with an overall length greater than 42" are constructed using a welded design and are available in straight, stepped or tapered design. However, for tapered only the last 16" are tapered.

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