## BAR STOCK, VAN STONE FLANGE CONNECTION

**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!

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**PROCESS CONNECTION (P)**
- 3 – 1" pipe (OD = 1.315", R = 2")
- 5 – 1-1/2" pipe (OD = 1.90", R = 2-7/8")

**STYLE**
- VS – Van Stone Flange, straight stem with step

**BORE**
- 260 – 0.260” bore (Q = 3/4”)
- 385 – 0.385” bore (Q = 7/8”)

**INSERTION LENGTH** (in inches)*
- U# – Specify length below the flange (e.g., U4 = 4”)
  - Standard lengths:
    - U2 – U=2”; L=4”
    - U7 – U=7”; L=9”
    - U10 – U=10”; L=12”
    - U13 – U=13”; L=14”
    - U16 – U=16”; L=18”
    - U22 – U=22”; L=24”
  - Specify other (U = L–2”)

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

**FLANGE MATERIAL**
- 304 – 304 stainless steel
- 316 – 316 stainless steel

**FLANGE RATING**
- 150 – 150# rating
- 300 – 300# rating
- 600 – 600# rating
- 900/1500 – 900/1500# rating

**OPTIONS**
- TW01 – Stainless steel cap and chain assembly
- TW02 – Brass cap and chain assembly
- TAG2 – Stamped tag #
- MTR1 – Material Test Report
- WFC1 – Wake Frequency Calculations
- TFLN – Teflon coating

(*) 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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