## **Data Sheet**

# ASHCROFT® Trust the shield.®

#### **Vortex Thermowells**

#### **FEATURES**

- Helical strake design
- Stable pressure field
- One piece bar stock construction on shank
- No need for velocity collars
- CFD (Computational Fluid Dynamic) analysis provided for challenging applications

#### **TYPICAL USES**

- Chemical and petrochemical plants
- Water and wastewater pressure control
- Refineries



#### **Vortex Thermowell**

11/2", 2" flange sizes

SPECIFICATIONS	
Shank Style:	Straight
Pine Size:	11/2". 2"

Instrument Connection: ½ NPSM, ½ NPT Female

Bore Size: 0.260", 0.385"
Flange Facing: Raised, ring joint

Rating/Class: 150, 300, 600, 900, 1500

### **OPTIONS - Table 1**

Hydrostatic test

Liquid dye penetrant

## **CERTIFICATES**

Certificate of Conformance (per order)

Physical and Chemical Material Test Report (MTR's)

Positive Material Identification (PMI)

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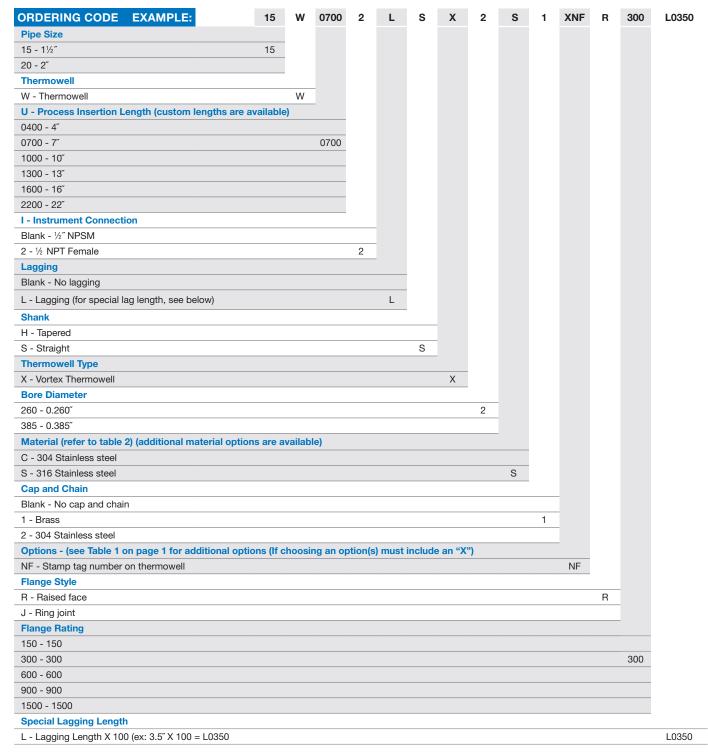
- For applications that Standard Thermowells are not to be used by ASME PTC 19.3 TW-2016
- No need to increase wall thickness

TABLE 2			
MATERIALS	CODE		
304 Stainless steel	С		
316L Stainless steel	S		
Monel®	M		

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### **Vortex Thermowells**



<sup>\*</sup> Licensed & manufactured by Okazaki MFG co.

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## **Vortex Thermowells**

## **DIMENSIONS** - in mm

For reference only, consult Ashcroft for specific dimensional drawings

