



Weld-in barstock thermowell - straight form and step-down shank

INFORMATIONS

Barstock thermowell with stepdown shank

Total length : up to 1100 mm

Bore diameter : 6,5 mm standard, other diameters available on request

Diameter of the welding neck : 26,7 – 33,4 – 48,3 mm as standard.

Other diameters available on request

Instrumentation thread : G 1/2", 1/2" NPT, other (to specify)

Material : Stainless steel, carbon steel, Inconel, Hastelloy, Monel, other

Certificates : qualitative certificates (to be defined by the customer)

APPLICATIONS

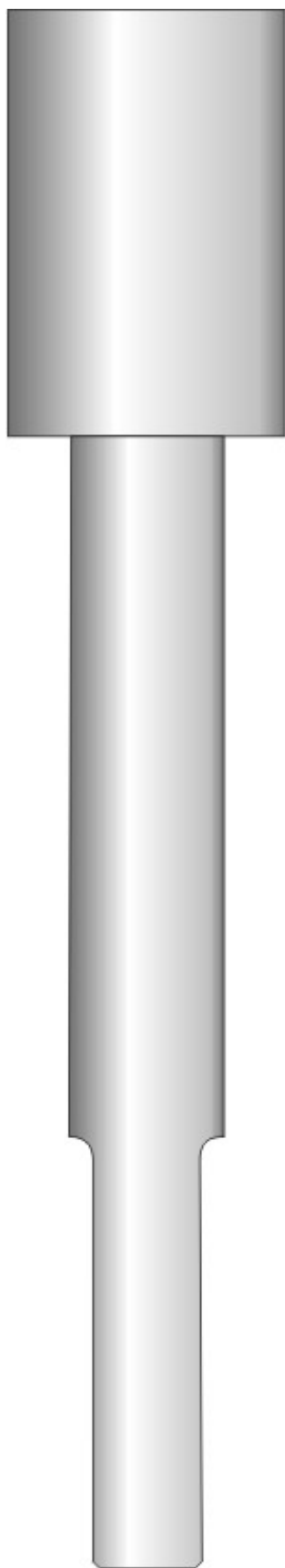
Chemical and petrochemical industries, refineries

Heavy duty with severe chemical and mechanical conditions

Step down shank for faster response time

OPTIONS

Wake frequency calculation to ASME PTC 19.3 is recommended in critical applications. Thermibel is able to calculate it for you



TW006-01



Description	Standard	Your requirements

Immersion zone		
Material	☐ Carbon steel ☐ Stainless steel AISI316 L ☐ Heat resistant steel AISI 310 ☐ Other, please specify ☐ URANUS B6 (AISI 904L) ☐ Hastelloy C276 ☐ Inconel 600 ☐ Monel	
Insertion length U	☐ Indicate the required length (mm)	
External diameter F1 (at the root)	☐ Please indicate the required diameter (mm)	
Outer diameter at the tip F2	☐ Please indicate the required diameter (mm)	
Longueur de l'extrémité réduite ER	☐ Indicate the required length (mm)	
Bore diameter	☐ 6,5 mm (as standard) ☐ Other, please specify	
Longueur H de la douille à souder	☐ Please indicate the required length (mm)	
Diamètre E de la douille à souder	☐ 26,7 mm ☐ 33,4 mm ☐ 48,3 mm ☐ Other, please specify	
Instrumentation thread	☐ G ½ ☐ ½ NPT ☐ Other, please specify	

Identification		
Identification	☐ s.s. tag plate with P&ID number ☐ PVC tag plate with P&ID number ☐ Not required (standard)	



Other requirements

Certificates (option)

- Stress calculation according to ASME PTC 19.3 (mandatory process data : Pressure, Temperature, fluid velocity, density and viscosity)
- Conformity certificate
- Material certificate according to EN 10204 3.1
- Ultrasonic concentricity test
- Internal pressure test
- Thermowell drawing
- PMI (positive material identification)
- X-ray analysis