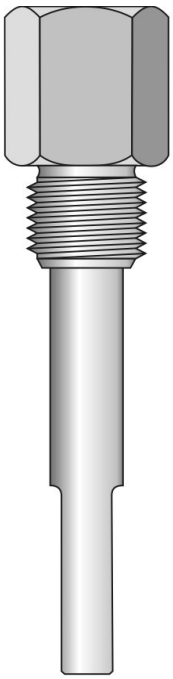
Screw-in barstock thermowell - straight form and step-down shank



TW003-01

INFORMATIONS

Total length : up to 1100 mm
Step-down shank to reduce the response time of the sensor
Bore diameter : 6.5 mm or other (to be defined)
Process fitting : ¾” NPT”, 1? NPT , other (to be defined)
Instrumentation thread : G ½”, ½” NPT, or other (to be defined)
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

OPTIONS

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

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) thread not included	
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	❍ Please indicate the required length (mm)	
Bore diameter	❍ 6,5 mm (as standard) ❍ Other, please specify	
Process fitting	❍ ¾ NPT ❍ 1 NPT ❍ Other, please specify	
Longueur H de l'extension à souder	❍ Please indicate the length (mm), including the process thread	
Instrumentation thread	❍ G ½ ❍ ½ NPT ❍ Other, please specify	
Tag	❍ 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	

Other requirements		
	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 ❍ External pressure test ❍ Internal pressure test ❍ None required ❍ Thermowell drawing ❍ PMI (positive material identification) ❍ X-ray analysis	