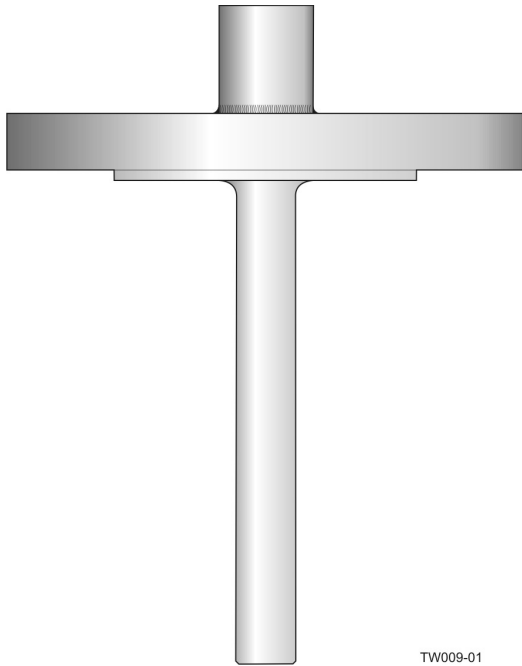


Flanged barstock thermowell - straight form



TW009-01

INFORMATIONS

Total length : up to 1100 mm

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

Flange according to international standard as EN 1092-1, DIN 2527, ASME/ANSI, other

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

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

Other material on request

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

APPLICATIONS

Chemical and petrochemical industries, refineries

Heavy duty with severe chemical and mechanical conditions

OPTIONS

Corrosion resistant coating (HALAR®, PFA, other) or abrasion resistant coating 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) flange not included	
External diameter F1 (at the root)	Please indicate the diameter (mm)	
Bore diameter	6,5 mm (as standard) Other, please specify	
Surface finish	None - stock finish as standard Other, please specify Electropolished - please indicate the roughness (Ra) Abrasion resistant coating - please specify ECTFE (Halar ®) corrosion-resistant coating PFA corrosion-resistant coating	
Flange standard	ASME/ANSI with B16.5 raised face Other, please specify DIN 2527 with form C raised face EN 1092-1 with B1 raised face	
Flange material	Other, please specify Same as thermowell shaft	
Nominal flange diameter (DN)	Please specify	
Nominal flange pressure (PN)	Please specify	



Type	Face surelevée (RF) Face platte (FF) Autre	
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Intermediate zone		
Neck length H (mm) - including flange thickness	65 mm (as standard) Other, please specify	
Diameter E of the extension	Please indicate the required diameter (mm)	
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 19.3 (mandatory process data : Pressure, Temperature, fluid velocity, density and viscosity) Conformity certificate Dye penetration test Material certificate according to EN 10204 3.1 Ultrasonic concentricity test External pressure test Internal pressure test WPS/WPA Thermowell drawing PMI (positive material identification) X-ray analysis	