



Main Features

- Stainless steel
- Max. 500 °C
- Max. 400 mm

Applications

- Oil & Gas / Chemical
- Water & Waste water
- Energy
- Machinery

Technical data

Max. immersion length (Pg):	400 mm
Max. Temperature: ⁽¹⁾	500 °C
Max. Pressure: ⁽¹⁾	according to thermowell dimensions
Min. wall thickness:	3 mm

⁽¹⁾ Admissible values in service depend on:

- process fluid
- service temperatures and pressures
- flow
- thermowell type and dimensions

Options

Cone-shaped thermowell, state Dg1 and Dg2

Full penetration welding

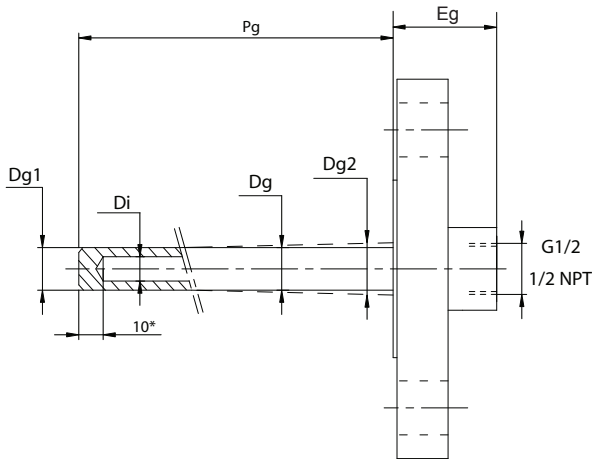
Forged material

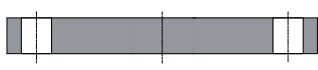
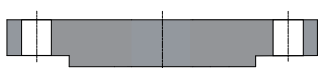




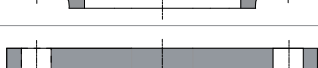
Sweating of weldings

Radiography of weldings

Internal hydraulic test

External hydraulic test

Dimensions (mm) - Types of mounting

Ordering codes for flange faces

Face Type	Drawing	ANSI B16-5		EN 1759-1		EN 1092-1	
			Codes		Codes		Codes
Flat face		Flat face Ra = 3.2...6.3 µm	A	Type A Ra = 3.2...6.3 µm	A	Type A Ra = 3.2...6.3 µm	A
Raised face		Raised face (1.6) ⁽³⁾ Raised face (6.4) ⁽⁴⁾ Ra = 3.2...6.3 µm	G R	Type B (1.6) ⁽³⁾ Type B (6.4) ⁽⁴⁾ Ra = 3.2...6.3 µm	G R	Type B1 Ra = 3.2...12.5 µm	B
Male tongue		Male tongue large ⁽¹⁾ Male tongue small ⁽¹⁾ Ra = 0.8...3.2 µm	H I	Type CL ⁽¹⁾ Type CS ⁽¹⁾ Ra = 0.8...3.2 µm	H I	Type C Ra = 0.8...3.2 µm	C
Female groove		Female groove large Female groove small Ra = 0.8...3.2 µm	K L	Type DL Type DS Ra = 0.8...3.2 µm	K L	Type D Ra = 0.8...3.2 µm	D
Male Spigot		Male spigot large Male spigot small ⁽²⁾ Ra = 3.2...6.3 µm	M N	Type E Ra = 3.2...6.3 µm	M	Type E Ra = 3.2...12.5 µm	E
Female Spigot		Female spigot large Female spigot small ⁽²⁾ Ra = 3.2...6.3 µm	O P	Type FC Ra = 3.2...6.3 µm	O	Type F Ra = 3.2...12.5 µm	F
Ring joint face		Ring joint face Ra = 0.4...1.6 µm	Q	Type J Ra = 0.4...1.6 µm	Q	N/A	

⁽¹⁾ Not applicable for 1"1/4 and 1"1/2

⁽²⁾ Only applicable for 4"

⁽³⁾ Class 150 and 300

⁽⁴⁾ Class 600, 900, 1500, 2500

