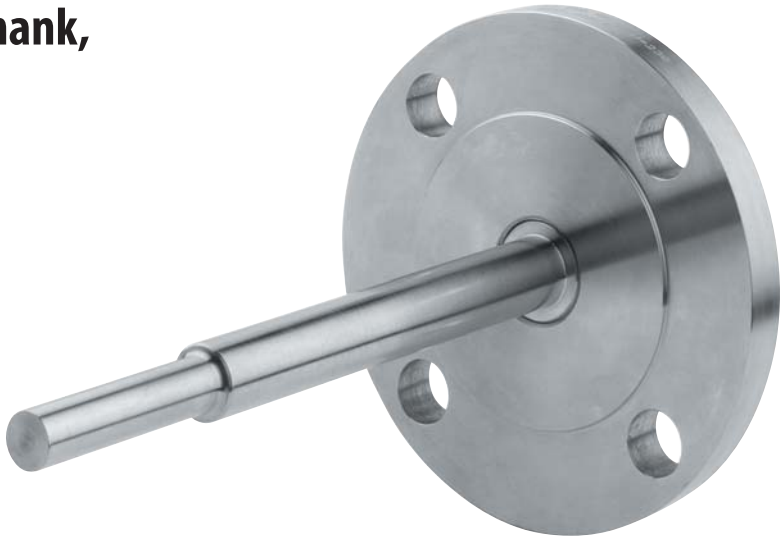
bar-stock thermowells, stepped shank, with flanged connection, NP 6...100



Thermowells are used to to protect the measuring instrument from corrosion, high pressure or hgih fluid velocity and to allow the measuring instrument removal for recalibration or replacement without affecting the process system. The W92 serie includes bar-stock thermowells with flanged process connection and they are suitable for heavy work conditions. These thermowells have a stepped-shank immersion length for a better process temperature measuring sesibility.

9.W92 - Standard Model

Nominal pressure: as flange rating, *1450 psi @ 752°F max* (100 bar @ 400°C).

Process fluid temperature: *-328...+1112°F* (-200...+600°C), for std materials.

Total length: *max 40"* (1000 mm).

Process connection: plain flanges as per UNI-DIN or ASME B16.5; dimensions and finishing as defined in "Thermowell information" sheet.

Materials:
AISI 316 (**Cod. 4**) or AISI 316L (**Cod. 5**) st.st. bar-stock; ASTM A 105 (**Cod. 3**), AISI 316 (**Cod. 4**) st.st flange.

Special materials : Monel 400, Hastelloy C276, Alloy 825, Alloy 625, Duplex SAF 2205, Duplex SAF 2507 flange and bar-stock (the flange is also available made by stainless steel, with wetted parts made by special material)

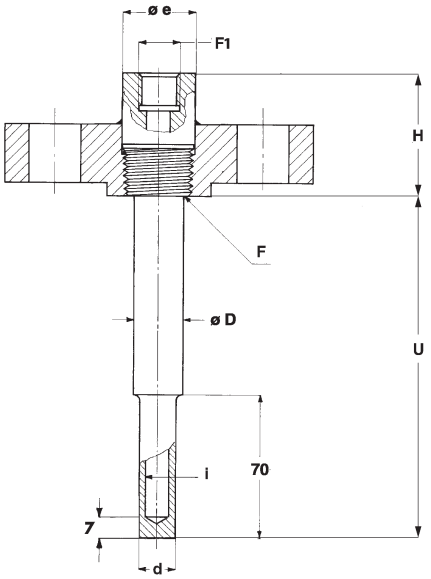
ISO 9001 : 2008
Cert. nr. 0433/6

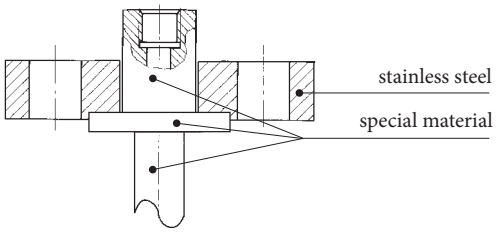
OPTIONS

P02 -	Oxygen service
E30 -	NACE MR0103/MR0175 - ISO 15156-3 certificate
TC1 -	Plug and chain (1)
NIP -	Nipple with coupling (1)
	Double welding (1)
FUL -	"full penetration" welding (1)
P04 -	Dye penetrant test (1)
CVK -	ASME PTC 19.3 TW calculation (1)

(1) Drawings and details in the "Thermowells information " sheet.

RB4 - 02/13





Version with stainless steel flange, but wetted parts made by special material

F1	
41F -	G 1/2
43F -	1/2-14 NPT
53F -	3/4-14 NPT

i	
070 -	ø *0.28* (7)
080 -	ø *0.31* (8)
090 -	ø *0.35* (9)
100 -	ø *0.39* (10)
120 -	ø *0.47* (12)

dimensions : *inches* (mm)

Standard	DN		F	e	H	i	D	d
ASME B16.5	3/4"	Class 150...1500	1/2" NPT	*1.18* (30)	*2.36* (60)	*0.28-0.31-0.35* (7 - 8 -9)	*0.69* (17,5)	*0.59* (15)
						0.39-0.47 (10 - 12)	*0.71* (18)	*0.71* (18)
	1"		3/4" NPT	*1.18* (30)	*2.36* (60)	*0.28-0.31-0.35* (7 - 8 -9)	*0.71* (18)	*0.59* (15)
						0.39-0.47 (10 - 12)	*0.83* (21)	*0.71* (18)
	1"1/2 2"		1" NPT	*1.38* (35)	*2.36* (60)	*0.28-0.31-0.35* (7 - 8 -9)	*0.83* (21)	*0.59* (15)
						0.39-0.47 (10 - 12)	*0.98* (25)	*0.71* (18)
EN 1092	20	NP 6...100	1/2" NPT	*1.18* (30)	*2.36* (60)	*0.28-0.31-0.35* (7 - 8 -9)	*0.69* (17,5)	*0.59* (15)
						0.39-0.47 (10 - 12)	*0.71* (18)	*0.71* (18)
	25		3/4" NPT	*1.18* (30)	*2.36* (60)	*0.28-0.31-0.35* (7 - 8 -9)	*0.71* (18)	*0.59* (15)
						0.39-0.47 (10 - 12)	*0.83* (21)	*0.71* (18)
	32, 40, 50		1" NPT	*1.38* (35)	*2.36* (60)	*0.28-0.31-0.35* (7 - 8 -9)	*0.83* (21)	*0.59* (15)
						0.39-0.47 (10 - 12)	*0.98* (25)	*0.71* (18)

"HOW TO ORDER" SEQUENCE

Section	Model	Material	Flange material	Instrument connection	Process connection	Insertion hole	Insertion length	Extension length	Options
9	**W92**	**4**	**3**	**41F**	**6AA**	**070**			**P02...P04**
		5	**4**	**43F**		**080**			
				53F		**090**			
						100			
						120			

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