bar-stock thermowells, weld-in connection, NP 100...250

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 W72-W73 serie includes bar stock thermowells with weld-in socket process connection and they are suitable for heavy-duty conditions. These thermowells are suitable for low to moderate work intensity. These thermowells have a stepped-shank immersion length for a better process temperature measuring sesibility. The W75-W75 serie includes bar stock thermowells with weld-in socket process connection and they are suitable for heavy work conditions. These thermowells have a conic immersion length.

9 - Thermowells

Nominal pressure: stepped shank : 1*1450 psi @ 752°F (*100 bar @ 400°C); tapered shank : *3600 psi @ 752°F (*250 bar @ 400°C).

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

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

Materials : AISI 316 (**Cod. 4**), AISI 316L (**Cod. 5**) st.st. bar-stock.

Special materials : Monel 400, Hastelloy C276, Alloy 825, Alloy 625, Duplex SAF 2205, Duplex SAF 2507 bar-stock.

OPTIONS

P02 -	Oxygen service
E30 -	NACE MR0103 - MR0175 (ISO15156) certificate
TC1 -	Plug and chain (1)
NIP -	Nipple with coupling (1)
CVK -	Von Karman Trail calculation (1) (2)

(1) Drawings and details in the "Thermowells information " sheet.
(2) Available for tapered shank only .

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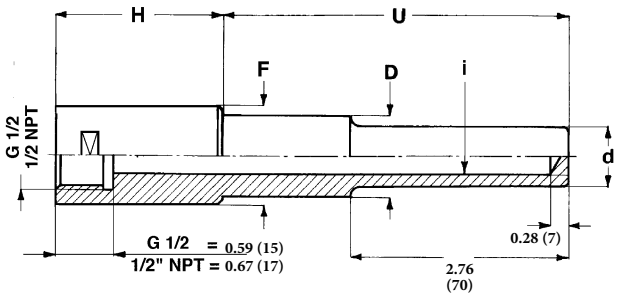
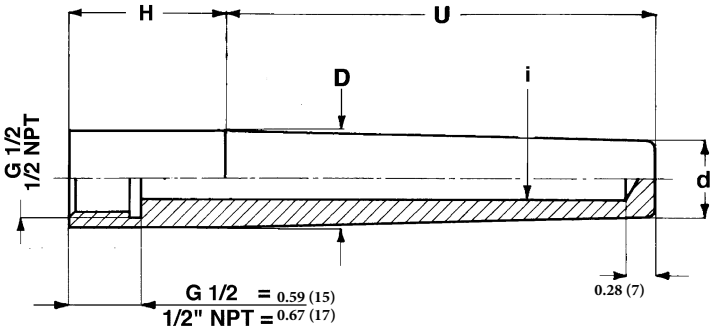


Mod.	DN	F	i	D	d	H
W72	3/4"	*1.06* (26,9)	*0.28-0.31-0.35* (7 - 8 -9)	*0.75* (19)	*0.59* (15)	*1.81* (46)
			0.39-0.47 (10 - 12)	*0.75* (19)	*0.71* (18)	
W73	1"	*1.31* (33,4)	*0.28-0.31-0.35* (7 - 8 -9)	*0.87* (22)	*0.59* (15)	*2.01* (51)
			0.39-0.47 (10 - 12)	*0.87* (22)	*0.71* (18)	

dimensions : *inches* (mm)



Mod.	DN	i	D	d	H
W74	1"	*0.28-0.31-0.35* (7 - 8 -9)	*1.31* (33,4)	*0.71* (18)	*2.01* (51)
		0.39-0.47 (10 - 12)		*0.83* (21)	
W75	1"1/4	*0.28-0.31-0.35* (7 - 8 -9)	*1.66* (42,16)	*0.71* (18)	*2.01* (51)
		0.39-0.47 (10 - 12)		*0.83* (21)	

dimensions : *inches* (mm)

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)

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