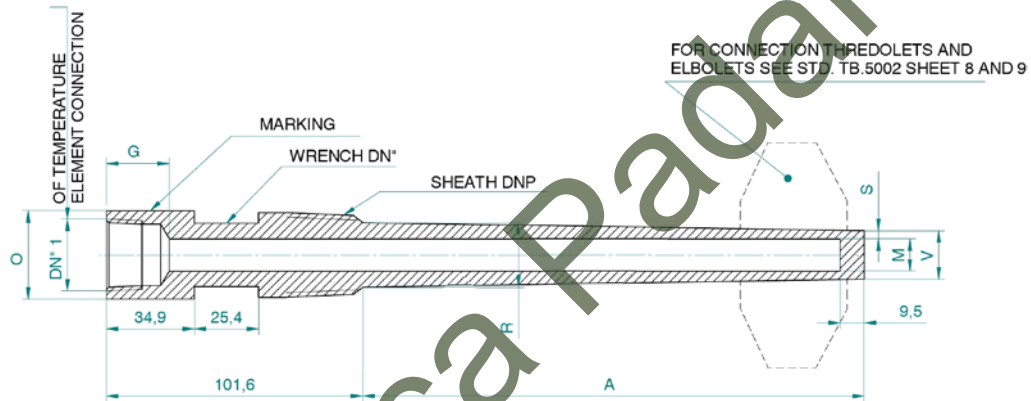


Thermowells STD-TB-HPU-5002 SH. 20 OF 29

SHEATH		DN 1	O	R	V	M	S	G	A	DN
DN	Type	Temp Conn							To be defined each time	Wrench
1"	A	1/2"	34.9	25.4	19.1	9.5	4.8	25.4		1.1/8"
1"	B	1/2"	34.9	22.2	19.1	9.5	4.8	25.4		1.1/8"
1"	C	1/2"	34.9	25.4	22.2	12.7	4.8	25.4		1.1/8"
1"	D	3/4"	34.9	25.4	19.1	9.5	4.8	30.2		1.1/8"
1"	E	3/4"	34.9	22.2	19.1	9.5	4.8	30.2		1.1/8"
1"	F	3/4"	34.9	25.4	22.2	12.7	4.8	30.2		1.1/8"
1.1/4"	G	1/2"	44.5	34.9	25.4	9.5	7.9	25.4		1.7/16"
1.1/4"	H	1/2"	44.5	34.9	25.4	12.7	6.4	25.4		1.7/16"
1.1/2"	M	1/2"	50.8	38.1	25.4	9.5	7.9	25.4		1.5/8"
1.1/2"	N	1/2"	50.8	38.1	25.4	12.7	6.4	25.4		1.5/8"
1.1/4"	P	3/4"	44.5	34.9	25.4	9.5	7.9	30.2	1.7/16"	
1.1/4"	S	3/4"	44.5	34.9	25.4	12.7	6.4	30.2	1.7/16"	
1.1/2"	T	3/4"	50.8	38.1	25.4	9.5	7.9	30.2	1.5/8"	
1.1/2"	Z	3/4"	50.8	38.1	25.4	12.7	6.4	30.2	1.5/8"	

Notes:

- 1) Dimensions: as shown in the table.
- 2) Construction: from forged billet.
- 3) Thread: ANSI B 1.20.1 NPT.
- 4) Tolerances: ANSI B 1.20.1.
- 5) Materials e tests: per spc. G510 and as specified in p.o.
- 6) Dimensions in mm.
- 7) Design conditions: 292 bars at 80°C; 268 bars at 160°C; 221 bars at 250°C.


Thermowells (for equipment only) STD-TB-HPU-5002 SH. 21 OF 29

SHEATH		DN 1	E	A	B	D	F	G	M	R	r	V
DN	Type	Temp Elem	Diam									
1.1/2"	A	1/2"	48.3	To be defined each time	32.3	5	43.5	25.4	9.5	25.4	3.5	19.1
1.1/2"	B	1/2"	48.3		32.3	7	43.5	25.4	9.5	22.2	5.0	19.1
1.1/2"	C	1/2"	48.3		32.3	5	43.5	25.4	12.7	25.4	3.5	22.3
1.1/2"	D	3/4"	48.3		32.3	5	43.5	30.2	9.5	25.4	3.5	19.1
1.1/2"	E	3/4"	48.3		32.3	7	43.5	30.2	9.5	22.2	5.0	19.1
1.1/2"	F	3/4"	48.3		32.3	5	43.5	30.2	12.7	25.4	3.5	22.3

Notes:

- 1) Dimensions: as shown in table.
- 2) Construction: from forged billet.
- 3) Thread: for connection to flange ANSI B 1.20.1 NPSM; for connection of temperature element: ANSI B 1.20.1 NPT.
- 4) Tolerances: ANSI B 1.20.1.
- 5) Materials e tests: per spc. G510 and as specified in p.o.
- 6) Dimensions in mm.
- 7) Design conditions: 292 bars at 80°C; 268 bars at 160°C; 221 bars at 250°C.

