



## End-to-end dimensions for butt-welding end valves

Nominal size DN	PN designation						Nominal Pipe size NPS
	20	50	110	150	260	420	
	Class designation						
	150	300	600	900	1500	2500	
	Minimum wall thickness, $t_m$ mm						
25	127	165	216	254	254	308	1
32	140	178	229	279	279	348	1 ¼
40	165	190	241	305	305	384	1 ½
50	216	216	292	368	368	451	2
65	241	241	330	419	419	508	2 ½
80	283	283	356	381	470	578	3
100	305	305	432	457	546	673	4
150	403	403	559	610	705	914	6
200	419	419	660	737	832	1022	8
250	457	457	787	838	991	1270	10
300	502	502	838	965	1130	1422	12
350	572	762	889	1029	1257	--	14
400	610	838	991	1130	1384	--	16
450	660	914	1092	1219	1537	--	18
500	711	991	1194	1321	1664	--	20
600	813	1143	1397	1549	1943	--	24

NOTE: The tolerance applicable to the above dimension is:

- for DN <= 250: +/- 2mm
- for DN >= 300: +/- 3mm