

Table 11 Dimensions of Caps

Nominal Pipe Size (NPS)	Outside Diameter at Bevel	Length, E [Note (1)]	Limiting Wall Thickness for Length, E	Length, E, [Note (2)]
1/2 1/4	21.3	25	4.57	25
3/4	26.7	25	3.81	25
1	33.4	38	4.57	38
11/4	42.2	38	4.83	38
11/2	48.3	38	5.08	38
2	60.3	38	5.59	44
21/2	73.0	38	7.11	51
3	88.9	51	7.62	64
3 3 ¹ / ₂	101.6	64	8.13	76
4	114.3	64	8.64	76
5	141.3	76	9.65	89
6	168.3	89	10.92	102
8	219.1	102	12.70	127
10	273.0	127	12.70	152
12	323.8	152	12.70	178
14	355.6	165	12.70	191
16	406.4	178	12.70	203
18	457	203	12.70	229
20	508	229	12.70	254
22	559	254	12.70	254
24	610	267	12.70	305
26	660	267		
28	711	267		
30	762	267	4.4	1111
32	813	267	***	(355.5)
34	864	267	***	
36	914	267	49.4	
38	965	305	4.44	0.00
40	1 016	305	63.6	***
42	1 067	305	***	***
44	1 118	343	7.75	
46	1 168	343	2000	0.000
48	1 219	343	***	***

GENERAL NOTES:

- (a) All dimensions are in millimeters.
- (b) The shape of these caps shall be ellipsoidal and shall conform to the requirements given in the ASME Boiler and Pressure Vessel Code.

NOTES:

- (1) Length E applies for thickness not exceeding that given in column "Limiting Wall Thickness for Length, E."
 (2) Length E₁ applies for thickness greater than that given in column "Limiting Wall Thickness" for NPS 24 and smaller. For NPS 26 and larger, length E₁ shall be by agreement between the manufacturer and purchaser.

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