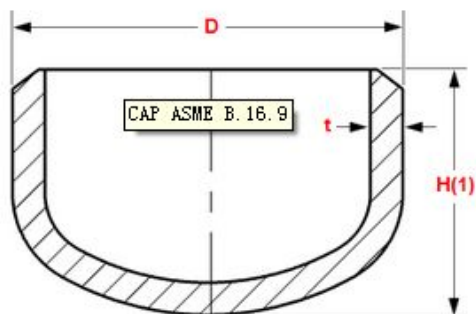


Dimensions Butt Weld Caps NPS 1/2 - 48 ASME B16.9



NPS	O. D. D	Length H	Wall Thickness t	Length H1
1/2	21.3	25	4.57	25
3/4	26.7	25	3.81	25
1	33.4	38	4.57	38
1¼	42.2	38	4.83	38
1½	48.3	38	5.08	38
2	60.3	38	5.59	44
2½	73	38	7.11	51
3	88.9	51	7.62	64
3½	101.6	64	8.13	76
NPS	O. D. D	Length H	Wall Thickness t	Length H1

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	12.7	127
10	273	127	12.7	152
12	323.8	152	12.7	178
14	355.6	165	12.7	191
16	406.4	178	12.7	203
18	457	203	12.7	229
20	508	229	12.7	254
22	559	254	12.7	254
24	610	267	12.7	305
26	660	267	-	-
28	711	267	-	-
30	762	267	-	-
32	813	267	-	-
34	864	237	-	-

*General notes:*

- Dimensions are in millimeters unless otherwise indicated.
- Wall thickness ( $t$ ) must be specified by customer.
- The shape shall be ellipsoidal and shall conform to the requirements given in the ASME Boiler and Pressure Vessel Code.
- Length  $H$  applies for thickness not exceeding that given in column "Wall Thickness" for Length,  $H$ .
- Length  $H1$  applies for thickness greater than that given in column "Wall Thickness" for NPS 24 and smaller. For NPS 26 and larger, length  $H1$  shall be by agreement between the manufacturer and purchaser.

**Dimensional Tolerances of End Caps ASME B16.9**

Nominal Pipe Size	1/2 to 2½	3 to 3½	4	5 to 8	10 to 18	20 to 24	26 to 30	32 to 48
Outside Diameter at Bevel ( $D$ )	+ 1.6 - 0.8	1.6	1.6	+ 2.4 - 1.6	+ 4 - 3.2	+ 6.4 - 4.8	+ 6.4 - 4.8	+ 6.4 - 4.8
Inside Diameter at End	0.8	1.6	1.6	1.6	3.2	4.8	+ 6.4 - 4.8	+ 6.4 - 4.8
Overall Length ( $H$ )	3	3	3	6	6	6	10	10
Wall Thickness ( $t$ )	Not less than 87.5% of Nominal Wall Thickness							

Dimensional tolerances are in millimeters unless otherwise indicated and are equal  $\pm$  except as noted.

*Note:*

MSS SP-43 only covers stainless steel butt weld fittings made for use with Schedule 5S and 10S pipe and Stub Ends suitable for use with Schedule 40S pipe, as defined in ASME B36.19. The dimensions and dimensional tolerances defined in MSS SP-43 are substantially the same as those in ASME B16.9 specifications from NPS 1/2 - NPS 24. Except with regard to the outside diameter at the bevel.