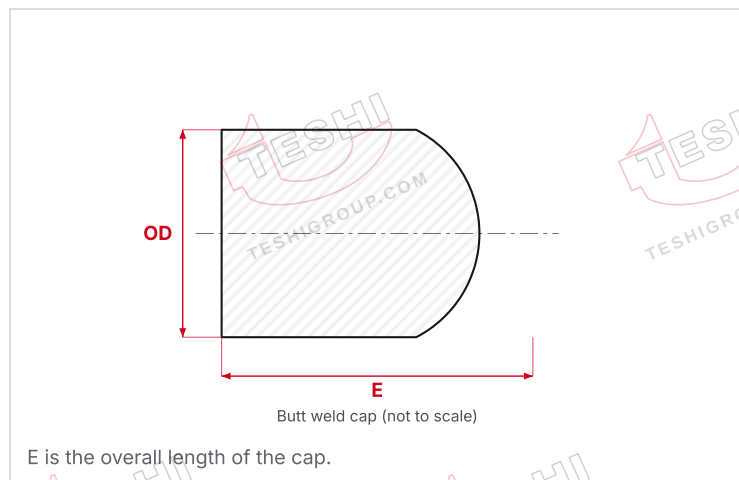


DIMENSIONAL STANDARD · ASME B16.9

ASME B16.9 Butt Weld Pipe Cap Dimensions

Length of butt weld pipe caps and limiting wall thickness, NPS ½–48.

Length of **ASME B16.9 butt weld pipe caps** in millimetres from NPS ½" to 48". Length E applies up to the limiting wall thickness shown; for heavier walls the longer length E1 applies.



- OD** Outside diameter at the bevel
- E** Length for wall thickness up to the limiting value
- E1** Length for wall thickness above the limiting value

Butt weld caps (mm)

NPS in	DN	OD at bevel	E Length	Limiting wall for length E	E1 Length, heavier wall
½"	15	21.3	25	4.57	25
¾"	20	26.7	25	3.81	25
1"	25	33.4	38	4.57	38
1¼"	32	42.2	38	4.83	38
1½"	40	48.3	38	5.08	38
2"	50	60.3	38	5.59	44
2½"	65	73.0	38	7.11	51
3"	80	88.9	51	7.62	64
3½"	90	101.6	64	8.13	76
4"	100	114.3	64	8.64	76
5"	125	141.3	76	9.65	89
6"	150	168.3	89	10.92	102
8"	200	219.1	102	12.70	127
10"	250	273.0	127	12.70	152
12"	300	323.8	152	12.70	178
14"	350	355.6	165	12.70	191
16"	400	406.4	178	12.70	203
18"	450	457.0	203	12.70	229
20"	500	508.0	229	12.70	254
22"	550	559.0	254	12.70	254
24"	600	610.0	267	12.70	305

NPS in	DN	OD at bevel	E Length	Limiting wall for length E	E1 Length, heavier wall
26"	650	660.0	267	—	—
28"	700	711.0	267	—	—
30"	750	762.0	267	—	—
32"	800	813.0	267	—	—
34"	850	864.0	267	—	—
36"	900	914.0	267	—	—
38"	950	965.0	305	—	—
40"	1000	1016.0	305	—	—
42"	1050	1067.0	305	—	—
44"	1100	1118.0	343	—	—
46"	1150	1168.0	343	—	—
48"	1200	1219.0	343	—	—

Notes

- Dimensions are in millimetres unless stated otherwise.
- Above NPS 24" the standard lists a single length E.

Reference information compiled from the published standard for convenience. It does not replace the current edition of the governing standard, which takes precedence. Verify critical dimensions and properties before design, purchase or fabrication. Teshi Engineers & Sales Promoters (P) Ltd accepts no liability for errors or omissions.

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