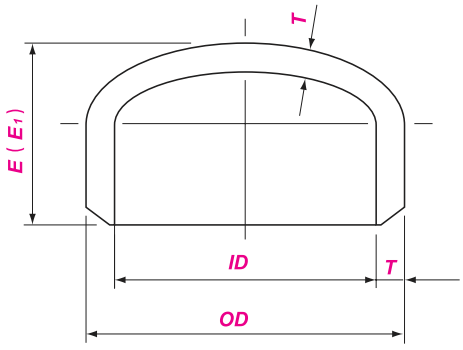
BUTT-WELDING CAPS



BW Cap

GB/T 12459、GB/T 13401、ASME B16.9

Nominal Size		Outside Diameter at Bevel	Length		Limiting Wall Thickness for Length *E*
DN	NPS	*OD*	*E*	E_1	
15	1/2	21.3	25	25	4.57
20	3/4	26.7	25	25	3.81
25	1	33.4	38	38	4.57
32	1¼	42.2	38	38	4.83
40	1½	48.3	38	38	5.08
50	2	60.3	38	44	5.59
65	2½	73.0	38	51	7.11
80	3	88.9	51	64	7.62
90	3½	101.6	64	76	8.13
100	4	114.3	64	76	8.64
125	5	141.3	76	89	9.65
150	6	168.3	89	102	10.92
200	8	219.1	102	127	12.70
250	10	273.0	127	152	12.70
300	12	323.8	152	178	12.70
350	14	355.6	165	191	12.70
400	16	406.4	178	203	12.70
450	18	457.0	203	229	12.70
500	20	508.0	229	254	12.70
550	22	559.0	254	254	12.70
600	24	610.0	267	305	12.70
650	26	660.0	267	---	---
700	28	711.0	267	---	---
750	30	762.0	267	---	---
800	32	813.0	267	---	---
850	34	864.0	267	---	---
900	36	914.0	267	---	---
950	38	965.0	305	---	---
1000	40	1016.0	305	---	---
1050	42	1067.0	305	---	---
1100	44	1118.0	343	---	---
1150	46	1168.0	343	---	---
1200	48	1219.0	343	---	---

Notes:

1) The configuration of the cap is normal ellipse.
2) Length E applies for the thickness not exceeding the Limiting Wall Thickness, Length E_1 applies for the thickness exceeding the Limitting Wall Thickness.For the caps with DN ⩾ 650 (NPS26), they will be made subject to the sizes agreed between purchaser and manufacturer or be supplied according to manufacturer’s size.