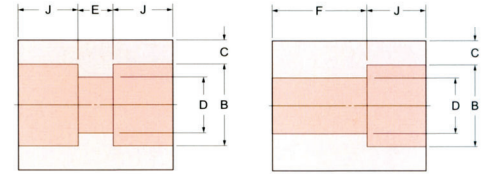


Full Coupling Half Coupling

3000# 6000# 9000#



Full Coupling

Half Coupling

ANSI B16.11

Nom Pipe Size	Socket Bore Dia	Bore Diameter of Fitting-D		
		B	3000	6000
1/8	10.8 11.2	6.1~7.6	3.2~4.8	-
1/4	14.2 14.6	8.5~10.0	5.6~7.1	-
3/8	17.6 18.0	11.8~13.3	8.4~9.9	-
1/2	21.8 22.2	15.0~16.6	11.0~12.5	5.6~7.2
3/4	27.2 27.6	20.2~21.7	14.8~16.3	10.3~11.8
1	33.9 34.3	25.9~27.4	19.9~21.5	14.4~16.0
1 1/4	42.7 43.1	34.3~35.8	28.7~30.2	22.0~23.5
1 1/2	48.8 49.2	40.1~41.6	33.2~34.7	27.2~28.7
2	61.2 61.7	51.7~53.3	42.1~43.6	37.4~38.9
2 1/2	73.9 74.4	61.2~64.2	-	-
3	89.8 90.3	76.4~79.4	-	-
4	115.2 115.7	100.7~103.8	-	-

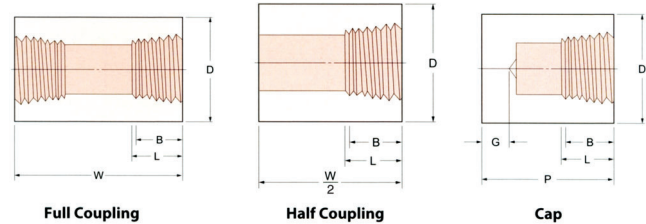
(Unit : mm)

Socket Wall Thickness C(Ave/Min)			Depth Min J	Laying Lengths	
3000	6000	9000		F/C	H/C
				E	F
3.18/3.18	3.96/3.43	-	9.5	6.5	16.0
3.78/3.30	4.60/4.01	-	9.5	6.5	16.0
4.01/3.50	5.03/4.37	-	9.5	6.5	17.5
4.67/4.09	5.97/5.18	9.35/8.18	9.5	9.5	22.5
4.90/4.27	6.96/6.04	9.78/8.56	12.5	9.5	24.0
5.69/4.98	7.92/6.93	11.38/9.96	12.5	12.5	28.5
6.07/5.28	7.92/6.93	12.14/10.62	12.5	12.5	30.0
6.35/5.54	8.92/7.80	12.70/11.12	12.5	12.5	32.0
6.93/6.04	10.92/9.50	13.84/12.12	16.0	19.0	41.0
8.76/7.67	-	-	16.0	19.0	43.0
9.52/8.30	-	-	16.0	19.0	44.5
10.69/9.35	-	-	19.0	19.0	48.0

- Dimensions are in millimeters.
- Average of socket wall thickness around periphery shall be no less than listed values. The minimum values are permitted in localized areas.

Full Coupling Half Coupling, Cap

3000# 6000#



ANSI B16.11

Nom Pipe Size	Outside Diameter D		Full Coupling End to End W
	3000	6000	
1/8	16	22	32
1/4	19	25	35
3/8	22	32	38
1/2	28	38	48
3/4	35	44	51
1	44	57	60
1 1/4	57	64	67
1 1/2	64	76	79
2	76	92	86
2 1/2	92	108	92
3	108	127	108
4	140	159	121

(Unit : mm)

Cap				Length of thread Min(1)	
Ent to End P		Thickness Min G			
3000	6000	3000	6000	B	L
19	-	4.8	-	6.4	6.7
25	27	4.8	6.4	8.1	10.2
25	27	4.8	6.4	9.1	10.4
32	33	6.4	7.9	10.9	13.6
37	38	6.4	7.9	12.7	13.9
41	43	9.7	11.2	14.7	17.3
44	46	9.7	11.2	17.0	18.0
44	48	11.2	12.7	17.8	18.4
48	51	12.7	15.7	19.0	19.2
60	64	15.7	19.0	23.6	28.9
65	68	19.0	22.4	25.9	30.5
68	75	22.4	28.4	27.7	33.0

- Dimensions B is minimum length of perfect thread. The length of useful thread(L plus threads with fully formed roots and crests) shall not be less than L(effective length of external thread) required by American National Standard for Pipe Threads(ASME B1.20.1)

*Class 2000 and NPS 1/8 class 6000 couplings, half couplings, and caps are not included in this standard