



Inner Ring Dimensions for ASME B16.20

NPS Nominal Pipe Size	Class						
	150	300	400	600	900	1500	2500
1/2"	0.56	0.56	NOTE 1	0.56	NOTE 1	0.56	0.56
3/4"	0.81	0.81	NOTE 1	0.81	NOTE 1	0.81	0.81
1"	1.06	1.06	NOTE 1	1.06	NOTE 1	1.06	1.06
1 1/4"	1.5	1.5	NOTE 1	1.5	NOTE 1	1.31	1.31
1 1/2"	1.75	1.75	NOTE 1	1.75	NOTE 1	1.63	1.63
2"	2.19	2.19	NOTE 1	2.19	NOTE 1	2.06	2.06
2 1/2"	2.63	2.63	NOTE 1	2.63	NOTE 1	2.5	2.5
3"	3.19	3.19	NOTE 1	3.19	NOTE 1	3.19	3.19
4"	4.19	4.19	4.19	4.19	4.19	4.19	4.19
5"	5.19	5.19	5.19	5.19	5.19	5.19	5.19
6"	6.19	6.19	6.19	6.19	6.19	6.19	6.19
8"	8.5	8.5	8.25	8.25	8.25	8.12	7.88
10"	10.56	10.56	10.25	10.25	10.25	10.15	9.75
12"	12.5	12.5	12.5	12.5	12.38	12.38	11.5
14"	13.75	13.75	13.75	13.75	13.5	13.38	NOTE 1
16"	15.75	15.75	15.75	15.75	15.5	15.25	NOTE 1
18"	17.69	17.69	17.69	17.69	17.5	17.25	NOTE 1
20"	19.69	19.69	19.69	19.69	19.5	19.25	NOTE 1
24"	23.75	23.75	23.75	23.75	23.75	22.75	NOTE 1

NOTE 1: There are no class 400 flanges in NPS 1/2" through 3"; nor class 900 (use class 600)

Flanges in NPS 1/2" through 2-1/2" (use class 1500); nor class 2500 flanges NPS 14" and larger.

**** The Inner Ring Thickness shall be .118 to .128 inch**