



ASME B16.9
MSS SP-43 (mm)

NPS	Outside Diameter at Bevel	Outside Diameter of Barrel		Length F		Radius of Fillet R		Diameter of Lap G
		min	max	ASME (Long)	ASME (Short)&MSS	ASME & MSS Type A	MSS Type B	
1/2	21.3	20.6	22.7	76.2	50.8	3.0	0.8	35.0
3/4	26.7	25.9	28.0	76.2	50.8	3.0	0.8	42.9
1	33.4	32.7	34.9	101.6	50.8	3.0	0.8	50.8
1-1/4	42.2	41.4	43.5	101.6	50.8	4.8	0.8	63.5
1-1/2	48.3	47.5	49.9	101.6	50.8	6.4	0.8	73.2
2	60.3	59.6	62.3	152.4	63.5	7.9	0.8	91.9
2-1/2	73.0	72.3	75.3	152.4	63.5	7.9	0.8	104.6
3	88.9	88.2	91.3	152.4	63.5	9.7	0.8	127.0
3-1/2	101.6	100.9	104.0	152.4	76.2	9.7	0.8	139.7
4	114.3	113.6	116.7	152.4	76.2	11.2	0.8	157.2
5	141.3	140.6	144.3	203.2	76.2	11.2	1.5	185.7
6	168.3	167.5	171.3	203.2	88.9	12.7	1.5	215.9
8	219.1	218.3	222.0	203.2	101.6	12.7	1.5	269.7
10	273.1	272.3	277.1	254.0	127.0	12.7	1.5	323.9
12	323.9	323.1	327.9	254.0	152.4	12.7	1.5	381.0
14	355.6	354.9	359.9	304.8	152.4	12.7	1.5	412.8
16	406.4	405.7	410.9	304.8	152.4	12.7	1.5	469.9
18	457.2	456.5	462.0	304.8	152.4	12.7	1.5	533.4
20	508.0	507.3	514.0	304.8	152.4	12.7	1.5	584.2
22	558.8	558.1	564.8	304.8	152.4	12.7	1.5	641.4
24	609.6	608.9	615.6	304.8	152.4	12.7	1.5	