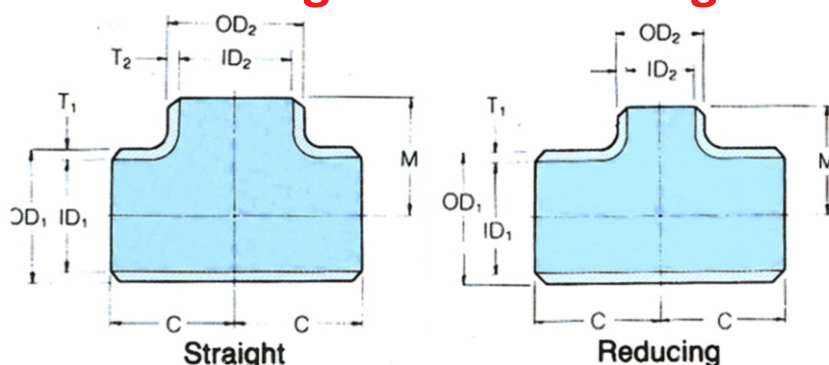




Straight and Reducing Tees



**MSS SP-75
ANSI B 16.9** (in mm)

Nominal Pipe Size (NPS)	Outside Diameter at Bevel D		Center - to - End	
	Run	Outlet	Run	Outlet (1')
			C	M
1/2 x 1/2	21.3	21.3	25.4	25.4
		17.1		25.4
		13.7		25.4
3/4 x 3/4	26.7	26.7	28.4	28.4
		21.3		28.4
		17.1		28.4
1x1	33.4	33.4	38.1	38.1
		26.7		38.1
		21.3		38.1
1-1/4x1-1/4	42.2	42.2	47.8	47.8
		33.4		47.8
		26.7		47.8
		21.3		47.8
1-1/2x1-1/2	48.3	48.3	57.2	57.2
		42.2		57.2
		33.4		57.2
		26.7		57.2
		21.3		57.2
2 x 2	60.3	60.3	63.5	63.5
		48.3		60.5
		42.2		57.2
		33.4		50.8
		26.7		44.4
2-1/2x2-1/2	73	73.0	76.2	76.2
		60.3		69.8
		48.3		66.5
		42.2		63.5
		33.4		57.2
3x3	88.9	88.9	85.9	85.9
		73.0		82.6
		60.3		76.2
		48.3		73.2
		42.2		69.8
3-1/2x3-1/2	101.6	101.6	95.2	95.2
		88.9		91.9
		73.0		88.9
		60.3		82.6
4x4	114.3	114.3	104.6	104.6
		101.6		101.6
		88.9		98.6
		73.0		95.2
		60.3		88.9
1-1/2	48.3	48.3	85.9	85.9
		42.2		85.9
		33.5		

Nominal Pipe Size (NPS)	Outside Diameter at Bevel D		Center - to - End	
	Run	Outlet	Run	Outlet (1')
			C	M
5x5	141.3	141.3	124.0	124.0
		114.3		117.3
		101.6		114.3
		88.9		111.3
		73.0		108.0
2-1/2	73.0	73.0	28.4	28.4
		60.3		28.4
		48.3		28.4
6x6	168.3	168.3	142.7	142.7
		141.3		136.7
		114.3		130.0
		101.6		127.0
		88.9		124.0
8x8	219.1	219.1	177.8	177.8
		168.3		168.1
		141.3		162.1
		114.3		155.4
		101.6		152.4
10x10	273.1	273.1	215.9	215.9
		219.1		203.2
		168.3		193.5
		141.3		190.5
		141.3		184.2
12 x 12	323.9	323.9	254.0	254.0
		273.1		241.3
		219.1		228.6
		168.3		218.9
		141.3		215.9
14 x 14	355.6	355.6	279.4	279.4
		323.9		269.7
		273.1		257.0
		219.1		247.6
		168.3		238.3
16 x 16	406.4	406.4	304.8	304.8
		355.6		304.8
		323.9		295.1
		273.1		282.4
		219.1		273.0
18 x 18	457.2	457.2	342.9	342.9
		406.4		330.2
		355.6		330.2
		323.9		320.5
		273.1		307.8
8	219.1	219.1	298.4	298.4

