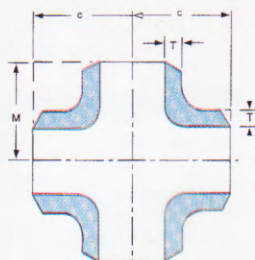
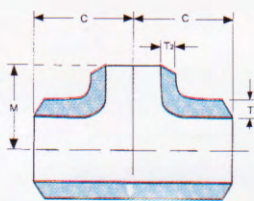


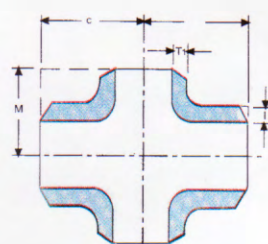
TEE



CROSS



REDUCING TEE



REDUCING CROSS

REDUCING OUTLET TEES & REDUCING OUTLET CROSSES

ASME/ANSI B16.9

MM

Nominal Pipe size DN (inch)	Outside dia. At Bevel D1 x D2	Center to End	
		C	M
1/2 x 1/2	21.3x21.3	25.4	
1/2 x 3/8	21.3x17.1		
1/2 x 1/4	21.3x13.7		
3/4 x 3/4	26.7x26.7	28.4	
3/4 x 1/2	26.7x21.3		
3/4 x 3/8	26.7x17.1		
1 x 1	33.4x33.4	38.1	
1 x 3/4	33.4x26.7		
1 x 1/2	33.4x21.3		
1 1/4 x 1 1/4	42.2x42.2	47.8	
1 1/4 x 1	42.2x33.4		
1 1/4 x 3/4	42.2x26.7		
1 1/4 x 1/2	42.2x21.3	57.2	
1 1/2 x 1 1/2	48.3x48.3		
1 1/2 x 1 1/4	48.3x42.2		
1 1/2 x 1	48.3x33.4		
1 1/2 x 3/4	48.3x26.7		
1 1/2 x 1/2	48.3x21.3		
2 x 2	60.3x60.3	63.5	63.5
2 x 1/2	60.3x48.3		60.5
2 x 1/4	60.3x42.2		57.2
2 x 1	60.3x33.4		50.8
2 x 3/4	60.3x26.7		44.5
2 1/2 x 2 1/2	73x73	76.2	76.2
2 1/2 x 2	73x60.3		69.2
2 1/2 x 1 1/2	73x48.3		66.5
2 1/2 x 1/4	73x42.2		63.5
2 1/2 x 1	73x33.4		57.2
3 x 3	88.9x88.9	85.9	85.9
3 x 2 1/2	88.9x73		82.6
3 x 2	88.9x60.3		76.2
3 x 1 1/2	88.9x48.3		73.2
3 x 1/4	88.9x42.2		69.9

Nominal DN	Outside dia. At Bevel D1 x D2	Center to End	
		C	M
3 1/2 x 3 1/2	101.6x101.6	95.3	95.3
3 1/2 x 3	101.6x88.9		91.9
3 1/2 x 2 1 1/2	101.6x73		88.9
3 1/2 x 2	101.6x60.3		82.6
3 1/2 x 1 1/2	101.6x48.3		79.2
4 x 4	114.3x114.3	104.6	104.6
4 x 3 1/2	114.3x101.6		101.6
4 x 3	114.3x88.9		98.6
4 x 2 1/2	114.3x73		95.3
4 x 2	114.3x60.3		88.9
4 x 1 1/2	114.3x48.3	124	85.9
5 x 5	141.3x141.3		124
5 x 4	141.3x114.3		117.3
5 x 3 1/2	141.3x101.6		114.3
5 x 3	141.3x88.9		111.3
5 x 2 1/2	141.73	142.7	108
5 x 2	141.3x60.3		104.6
6 x 6	168.3x168.3		142.7
6 x 5	168.3x141.3		136.7
6 x 4	168.3x114.3		130
6 x 3 1/2	168.3x101.6	177.8	127
6 x 3	168.3x88.9		124
6 x 2 1/2	168.3x73		120.7
8 x 8	219.1x219.1		177.8
8 x 6	219.1x168.3		168
8 x 5	219.1x141.3	215.9	162.1
8 x 4	219.1x114.3		155.4
8 x 3 1/2	219.1x101.6		152.4
10 x 10	273.1x273.1		215.9
10 x 8	273.1x219.1		203.2
10 x 6	273.1x168.3	215.9	193.5
10 x 5	273.1x141.3		190.5
10 x 4	273.1x114.3		184.2