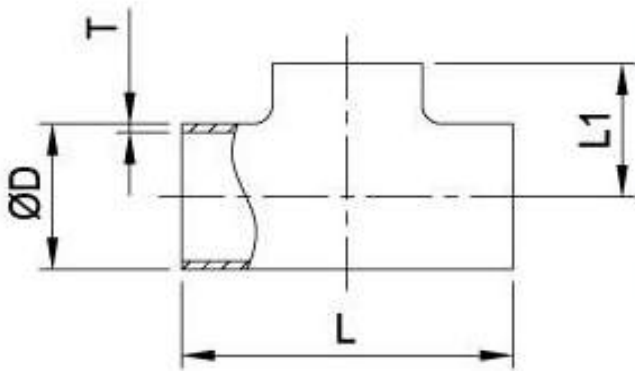


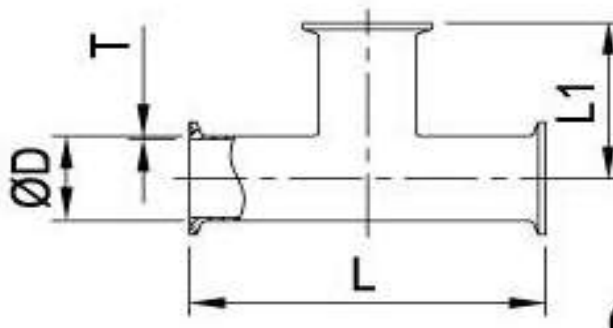
Tee, Reducing Tee, and Cross



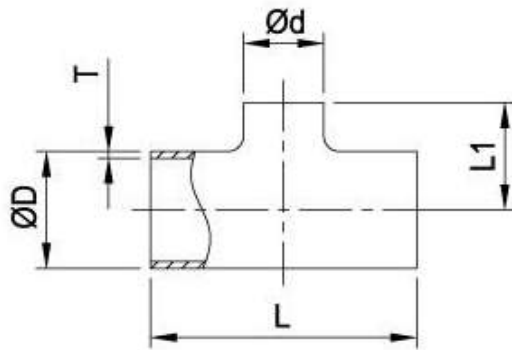
Equal Tee				
Size	øD	L	L1	T
0.5"	12.7	38.1	19.05	1.65
0.75"	19.05	57.2	28.6	1.65
1"	25.4	57.2	28.6	1.65
1.5"	38.1	84.2	42.1	1.65
2"	50.8	104.8	52.4	1.65
2.5"	63.5	119.0	59.5	1.65
3"	76.2	131.8	65.9	1.65
4"	101.6	174.6	87.3	2.1



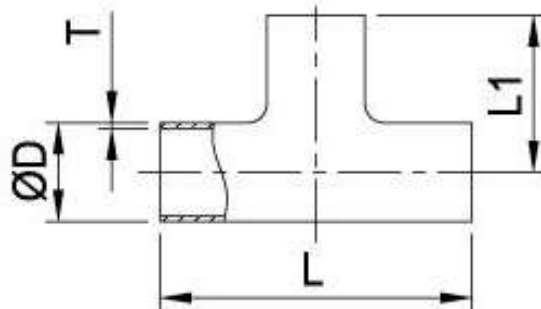
Long Equal Tee				
Size	øD	L	L1	T
0.5"	12.7	95.2	47.6	1.65
0.75"	19.05	95.2	47.6	1.65
1"	25.4	95.2	47.6	1.65
1.5"	38.1	114.4	57.2	1.65
2"	50.8	152.4	76.2	1.65
2.5"	63.5	152.4	76.2	1.65
3"	76.2	165.2	82.6	1.65
4"	101.6	196.8	98.4	2.1



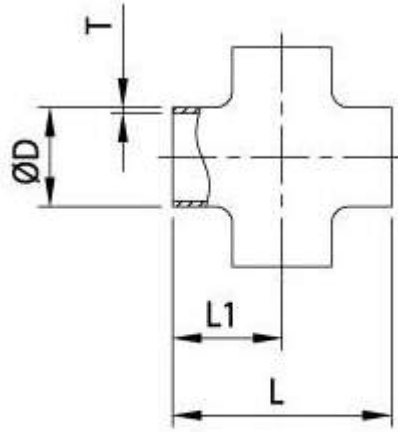
Equal Tee with Ferrule Ends				
Size	øD	L	L1	T
0.5"	12.7	63.5	31.75	1.65
0.75"	19.05	120.6	60.3	1.65
1"	25.4	120.6	60.3	1.65
1.5"	38.1	139.8	69.9	1.65
2"	50.8	177.8	88.9	1.65
2.5"	63.5	177.8	88.9	1.65
3"	76.2	190.6	95.3	1.65
4"	101.6	228.4	114.2	2.1



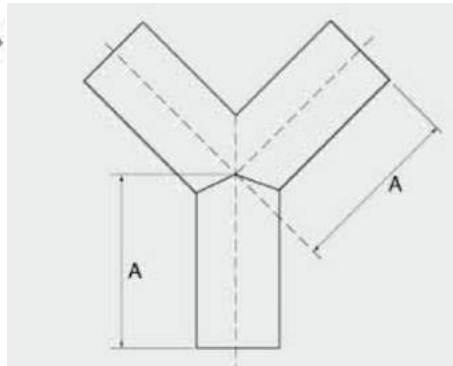
Equal Reducing Tee					
Size	ØD	Ød	L	L1	T
1.5"x1"	38.1	25.4	84.2	34.9	1.65
2"x1"	50.8	25.4	104.8	41.3	1.65
2"x1.5"	50.8	38.1	104.8	48.4	1.65
2.5"x1"	63.5	25.4	119	47.63	1.65
2.5"x1.5"	63.5	38.1	119	54.75	1.65
2.5"x2"	63.5	50.8	119	58.7	1.65
3"x1"	76.2	25.4	131.8	54	1.65
3"x1.5"	76.2	38.1	131.8	65.1	1.65
3"x2"	76.2	50.8	131.8	65.1	1.65
3"x2.5"	76.2	63.5	131.8	65.9	2
4"x1"	101.6	25.4	174.6	66.7	2
4"x1.5"	101.6	38.1	174.6	108.0	2
4"x2"	101.6	50.8	174.6	108.0	2
4"x2.5"	101.6	63.5	174.6	108.0	2
4"x3"	101.6	76.2	174.6	108.0	2



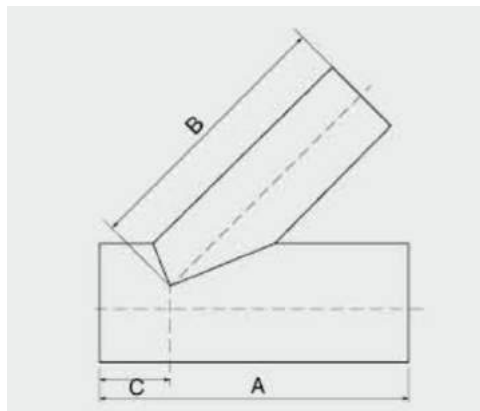
DIN Equal Tee				
Size	ØD	L	L1	T
DN 10	13	54	26	1.5
DN 15	19	70	35	1.5
DN 20	23	94	47	1.5
DN 25	29	100	50	1.5
DN 32	35	110	55	1.5
DN 40	41	120	60	1.5
DN 50	53	140	70	1.5
DN 65	70	160	80	2
DN 80	85	180	90	2
DN 100	104	200	100	2
DN 125	129	375	187.5	2
DN 150	154	450	225	2
DN 200	204	600	300	2
DN 250	254	750	375	2
DN 300	306	750	375	3



Equal Short Cross				
Size	ØD	L	L1	T
1"	25.4	57.2	28.6	1.65
1.5"	38.1	84.2	42.1	1.65
2"	50.8	104.8	52.4	1.65
2.5"	63.5	119.0	59.5	1.65
3"	76.2	131.8	65.9	1.65
4"	101.6	174.6	87.3	2



True Wye	
Size	A
0.5"	50.8
0.75"	50.8
1"	76.2
1.5"	76.2
2"	101.6
2.5"	127
3"	152.4
4"	203.2



Lateral Wye			
Size	A	B	C
0.5"	152.4	127	25.4
0.75"	152.4	127	25.4
1"	152.4	127	25.4
1.5"	187.3	173.1	30.2
2"	222.2	180.9	41.3
2.5"	254	215.9	38.1
3"	273.1	225.4	47.6
4"	325.5	273.1	52.4