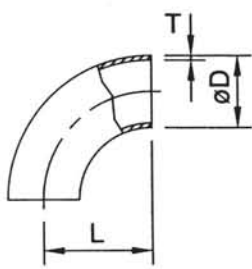


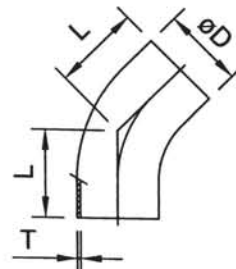
Unit: mm

AS 90° Long Bend



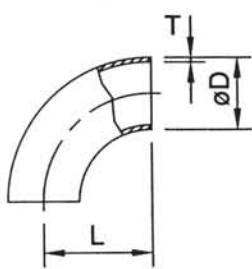
SIZE	øD	L	T
1/2"	12.7	49.1	1.6
3/4"	19.1	58.6	1.6
1.0"	25.4	68.1	1.6
1 1/4"	31.8	77.7	1.6
1.5"	38.1	87.0	1.6
2.0"	50.8	106.2	1.6
2.5"	63.5	125.0	1.6
3.0"	76.2	144.2	1.6
4.0"	101.6	182.4	2.0

AS 45° Long Elbow



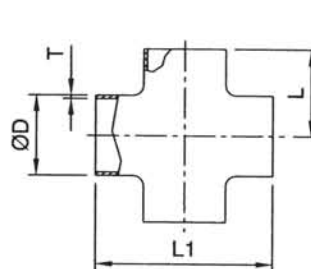
SIZE	øD	L	T
1/2"	12.7	30	1.6
3/4"	19.1	30	1.6
1.0"	25.4	30	1.6
1 1/4"	31.8	30	1.6
1.5"	38.1	30	1.6
2.0"	50.8	30	1.6
2.5"	63.5	30	1.6
3.0"	76.2	30	1.6
4.0"	101.6	30	2.0

AS 90° Short Bend



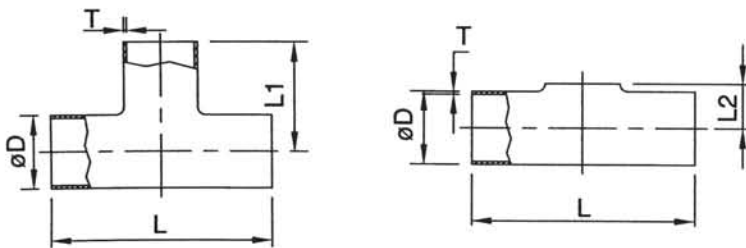
SIZE	øD	L	T
1/2"	12.7	19.1	1.6
3/4"	19.1	28.6	1.6
1.0"	25.4	38.1	1.6
1 1/4"	31.8	47.7	1.6
1.5"	38.1	57.0	1.6
2.0"	50.8	76.2	1.6
2.5"	63.5	95.0	1.6
3.0"	76.2	114.2	1.6
4.0"	101.6	152.4	2.0

AS Long Tee



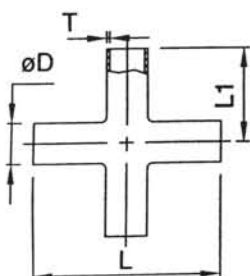
SIZE	øD	L	L1	T
1/2"	12.7	98.2	49.1	1.6
3/4"	19.1	117.2	58.6	1.6
1.0"	25.4	136.2	68.1	1.6
1 1/4"	31.8	155.4	77.7	1.6
1.5"	38.1	174	87.0	1.6
2.0"	50.8	212.4	106.2	1.6
2.5"	63.5	250	125.0	1.6
3.0"	76.2	288.4	144.2	1.6
4.0"	101.6	364.8	182.4	2.0

AS Short Tee/ Equal Tee



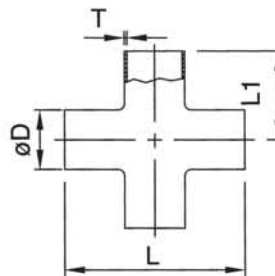
SIZE	øD	L	L1	L2	T
1/2"	12.7	38.2	19.1	9.35	1.6
3/4"	19.1	57.2	28.6	12.55	1.6
1.0"	25.4	76.2	38.1	15.7	1.6
1 1/4"	31.8	95.4	47.7	18.9	1.6
1.5"	38.1	114	57.0	22.05	1.6
2.0"	50.8	152.4	76.2	28.4	1.6
2.5"	63.5	190	95.0	34.75	1.6
3.0"	76.2	228.4	114.2	41.1	1.6
4.0"	101.6	304.8	152.4	53.8	2.0

AS Long Cross



SIZE	øD	L	L1	T
1/2"	12.7	98.2	49.1	1.6
3/4"	19.1	117.2	58.6	1.6
1.0"	25.4	136.2	68.1	1.6
1 1/4"	31.8	155.4	77.7	1.6
1.5"	38.1	174	87.0	1.6
2.0"	50.8	212.4	106.2	1.6
2.5"	63.5	250	125.0	1.6
3.0"	76.2	288.4	144.2	1.6
4.0"	101.6	364.8	182.4	2.0

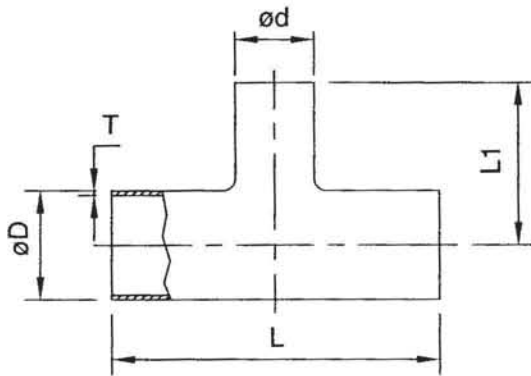
AS Short Cross



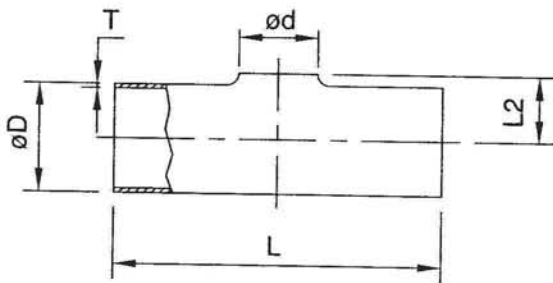
SIZE	øD	L	L1	T
1/2"	12.7	38.2	19.1	1.6
3/4"	19.1	57.2	28.6	1.6
1.0"	25.4	76.2	38.1	1.6
1 1/4"	31.8	95.4	47.7	1.6
1.5"	38.1	114	57.0	1.6
2.0"	50.8	152.4	76.2	1.6
2.5"	63.5	190	95.0	1.6
3.0"	76.2	228.4	114.2	1.6
4.0"	101.6	304.8	152.4	2.0

Unit: mm

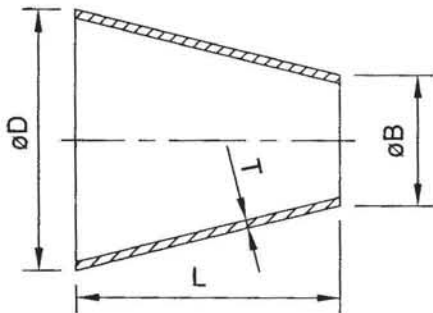
AS Reducing Tee & Equal Reducing Tee



SIZE	ϕD	d	L	L1	L2	T
1.5"x1.0"	38.1	25.4	160	80	22.05	1.6
2.0"x1.0"	50.8	25.4	160	80	28.4	1.6
2.0"x1.5"	50.8	38.1	160	80	28.4	1.6
2.5"x1.5"	63.5	38.1	160	80	34.75	1.6
2.5"x2.0"	63.5	50.8	160	80	34.75	1.6
3.0"x1.5"	76.2	38.1	160	80	41.1	1.6
3.0"x2.0"	76.2	50.8	160	80	41.1	1.6
3.0"x2.5"	76.2	63.5	160	80	41.1	1.6
4.0"x2.0"	101.6	50.8	160	80	53.8	2.0
4.0"x2.5"	101.6	63.5	160	80	53.8	2.0
4.0"x3.0"	101.6	76.2	160	80	53.8	2.0



AS Concentric Reducer



SIZE	ϕD	d	L	T
3/4"x1/2"	19.1	12.7	19.1	1.6
1.0"x1/2"	25.4	12.7	25.4	1.6
1.0"x3/4"	25.4	19.1	25.4	1.6
1 1/4"x3/4"	31.8	19.1	31.8	1.6
1 1/4"x1.0"	31.8	25.4	31.8	1.6
1.5"x3/4"	38.1	19.1	38.1	1.6
1.5"x1.0"	38.1	25.4	38.1	1.6
2.0"x1/2"	50.8	12.7	50.8	1.6
2.0"x2.4"	50.8	19.1	50.8	1.6
2.0"x1.0"	50.8	25.4	50.8	1.6
2.0"x1 1/4"	50.8	31.8	50.8	1.6
2.0"x1.5"	50.8	38.1	50.8	1.6
2.5"x1.0"	63.5	25.4	63.5	1.6
2.5"x1 1/4"	63.5	31.8	63.5	1.6
2.5"x1.5"	63.5	38.1	63.5	1.6
2.5"x2.0"	63.5	50.8	63.5	1.6
3.0"x1.0"	76.2	25.4	76.2	1.6
3.0"x1 1/4"	76.2	31.8	76.2	1.6
3.0"x1.5"	76.2	38.1	76.2	1.6
2.0"x2.0"	76.2	50.8	76.2	1.6
3.0"x2.5"	76.2	63.5	76.2	1.6
4.0"x1.0"	101.6	25.4	101.6	2.0
4.0"x1 1/4"	101.6	31.8	101.6	2.0
4.0"x1.5"	101.6	38.1	101.6	2.0
4.0"x2.0"	101.6	50.8	101.6	2.0
4.0"x2.5"	101.6	63.5	101.6	2.0
4.0"x3.0"	101.6	76.2	101.6	2.0

AS Eccentric Reducer

