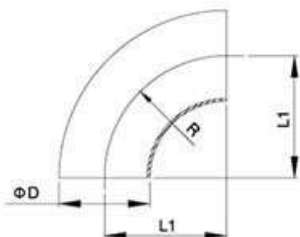


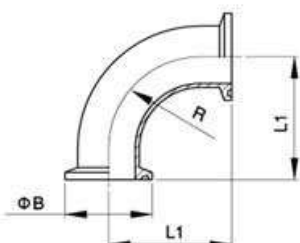
SANITARY FITTINGS





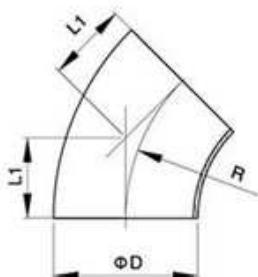
90° Welded Elbow

Size	L1	D	R
48	57		57
60	76		76
1"	33.5	25.4	33.5
1 1/4"	38.0	32.0	38.0
1 1/2"	48.5	38.1	48.5
2"	60.5	50.8	60.5
2 1/2"	83.5	63.5	83.5
3"	88.5	76.2	88.5
3 1/2"	103.5	89.0	103.5
4"	127	101.6	127
4 1/2"	152.4	114.3	152.4
5"	190.5	133.0	190.5
6"	228.6	159.0	228.6



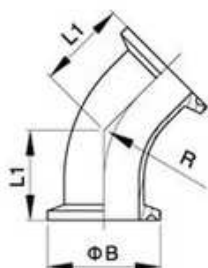
90° Clamped Elbow

Size	L1	B	R
Φ25	55.0	50.5	33.5
Φ32	59.5	50.5	38.0
Φ38	70.0	50.5	48.5
Φ51	82.0	64.0	60.5
Φ63	105.0	77.5	83.5
Φ76	110.0	91.0	88.5
Φ89	125.0	106.0	103.5
Φ102	143.5	119.0	122
Φ102	148.5	119.0	129



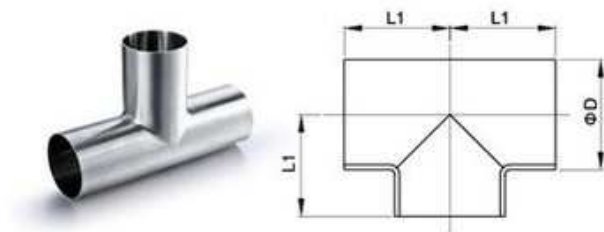
45° Welded Elbow

Size	L1	D	R
1"	13.9	25.4	33.5
1 1/4"	15.7	32.0	38.0
1 1/2"	20.1	38.1	48.5
2"	25.1	50.8	60.5
2 1/2"	34.6	63.5	83.5
3"	36.7	76.2	88.5
3 1/2"	42.9	89.0	103.5
4"	50.8	101.6	122
102	52.6	101.6	127



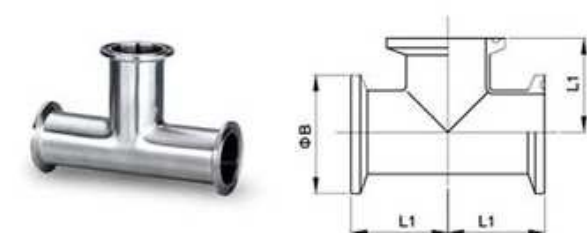
45° Clamped Elbow

Size	L1	D	R
Φ25	35.4	50.5	33.5
Φ32	37.2	50.5	38.0
Φ38	41.6	50.5	48.5
Φ51	46.6	64.0	60.5
Φ63	56.1	77.5	83.5
Φ76	58.2	91.0	88.5
Φ89	64.4	106.0	103.5
Φ102	72.3	119.0	122
Φ102	80.5	119.0	127



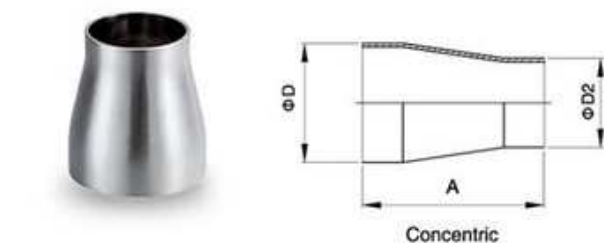
Welded Tee

Size	L1	D
12.7	38.2	25.4
19	60	25.4
1"	33.5	25.4
1 1/4"	38.1	31.8
1 1/2"	48.5	38.1
2"	60.5	50.8
2 1/2"	83.5	63.5
3"	88.5	76.2
3 1/2"	103.5	88.9
4"	127	101.6
4 1/2"	152.4	114.3
5"	190	133.0
6"	228.6	159.0



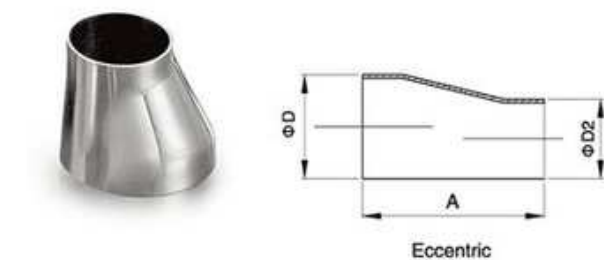
Clamped Tee

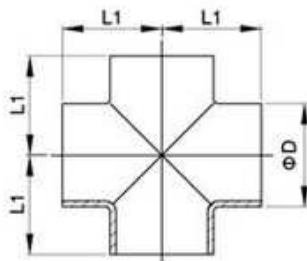
Size	L1	D
1"	55.0	50.5
1 1/4"	59.5	50.5
1 1/2"	70.0	50.5
2"	82.0	64.0
2 1/2"	105	77.5
3"	110	91.0
3 1/2"	125	106.0
4"	148.5	119.0



Welded Reducer

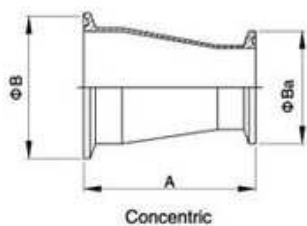
Size	A	D	D2
1.0"/0.75"	38.0	25.4	19.05
1.25"/1.0"	50.0	31.8	25.4
1.5"/1.25"	50.0	38.1	31.8
1.5"/1.0"	50.0	38.1	25.4
2.0"/1.5"	67.0	50.8	38.1
2.0"/1.25"	67.0	50.8	31.8
2.0"/1.0"	67.0	50.8	25.4
2.5"/2.0"	67.0	63.5	50.8
2.5"/1.5"	67.0	63.5	38.1
2.5"/1.0"	67.0	63.5	25.4
3.0"/2.5"	67.0	76.2	63.5
3.0"/2.0"	67.0	76.2	50.8
3.0"/1.5"	67.0	76.2	38.1
3.5"/3.0"	76	88.9	76.2
3.5"/2.5"	67.0	88.9	63.5
3.5"/2.0"	67.0	88.9	50.8
4.0"/3.5"	87	101.6	88.9
4.0"/3.0"	87	101.6	76.2
4.0"/2.5"	87	101.6	63.5
4.0"/2.0"	87	101.6	50.8



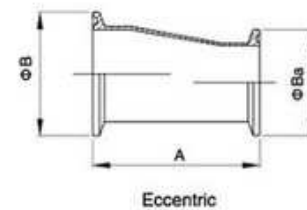


Welded Cross

Size	L1	D
1"	33.5	25.4
1 1/4"	38.0	32.0
1 1/2"	48.5	38.0
2"	60.5	51.0
2 1/2"	83.5	63.5
3"	88.5	76.0
3 1/2"	103.5	89.0
4"	127	101.6



Concentric



Eccentric

Clamped Reducer

Size	A	D	Ba
1.0"/0.75"	64	50.5	34.0
1.25"/1.0"	76	50.5	50.5
1.5"/1.25"	76	50.5	50.5
1.5"/1.0"	76	50.5	50.5
2.0"/1.5"	93	64.0	50.5
2.0"/1.25"	93	64.0	50.5
2.0"/1.0"	93	64.0	50.5
2.5"/2.0"	93	77.5	64.0
2.5"/1.5"	93	77.5	50.5
2.5"/1.0"	93	77.5	50.5
3.0"/2.5"	93	91.0	77.5
3.0"/2.0"	93	91.0	64.0
3.0"/1.5"	93	91.0	50.5
3.5"/3.0"	93	106.0	91.0
3.5"/2.5"	93	106.0	77.5
3.5"/2.0"	93	106.0	64.0
4.0"/3.5"	118	119.0	106.0
4.0"/3.0"	118	119.0	91.0
4.0"/2.5"	118	119.0	77.5
4.0"/2.0"	118	119.0	64.0