

WELLGROW INDUSTRIES CORP.

Sanitary Fittings & Valves

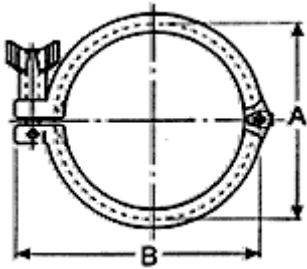


SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

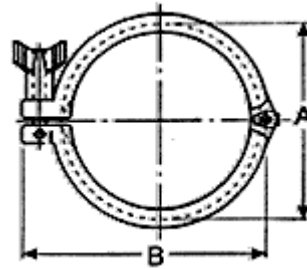
Clamps

13LAH (13MHH) Single Pin Heavy Duty Clamp



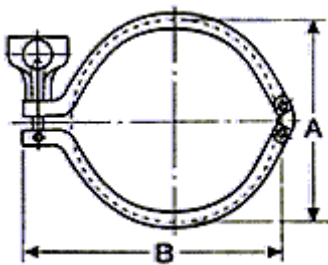
SIZE	A	B
3/4"	28.0	59.0
1-1/2"	53.6	83.0
2"	67.0	95.9
2-1/2"	80.6	109.0
3"	94.0	122.3
3-1/2"	109.2	144.0
4"	122.0	150.6
4-1/2"	133.2	178.0
5"	148.2	180.0
5-9/16"	158.4	188.0
6"	170.0	217.0
6-5/8"	187.0	227.0
8"	221.2	291.0
8-5/8"	238.0	278.0
10"	271.3	322.0
10-3/4"	289.4	340.0
12"	322.5	402.0

13LAF Flat Rivet Clamp



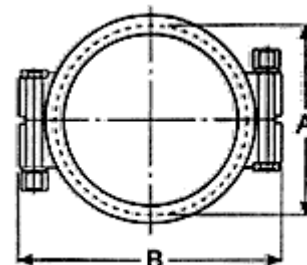
SIZE	A	B
3/4"	28.0	59.0
1-1/2"	53.6	83.0
2"	67.0	95.9
2-1/2"	80.6	109.0
3"	94.0	122.3
4"	122.0	150.6

13MHM Double Pin Heavy Duty Clamp



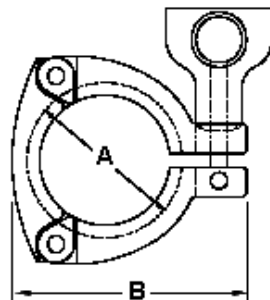
SIZE	A	B
3/4"	28.0	45.6
7/8"	37.0	60.9
1-1/2"	53.6	84.5
2"	67.0	96.5
2-1/2"	80.6	112.5
3"	94.0	129.5
3-1/2"	109.2	144.0
4"	122.0	157.5
4-1/2"	133.2	178.0
6"	170.0	204.0
8"	220.8	260.0

13MHP High Pressure Clamp



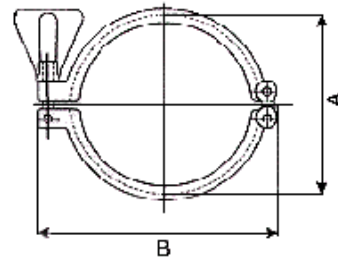
SIZE	A	B
1-1/2"	51.6	101.6
2"	65.5	114.3
2-1/2"	79.0	127.0
3"	92.5	139.7
4"	120.5	165.1
6"	170.0	215.8

13MHHS 3-Piece Segmental Clamp



SIZE	A	B
1-1/2"	54.0	80.0
2"	67.5	94.0
2-1/2"	80.9	109.0
3"	94.4	126.0
4"	122.4	154.0
12"	323.4	369.0

13MHHA L.B. Double Pin Heavy Duty Clamp



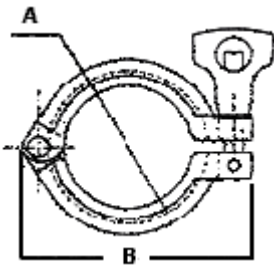
SIZE	A	B
3/4"	33.8	45.5
1-1/2"	58.7	71.4
2"	74.0	86.7
2-1/2"	86.2	98.7
3"	96.6	112.3
4"	124.0	140.0
6"	170.0	197.0
8"	220.9	248.0
10"	272.8	300.8

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

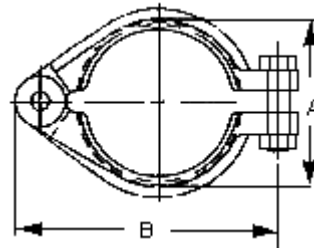
Clamps

13IL I-Line Clamp



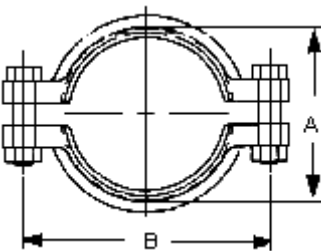
SIZE	A	B
1-1/2"	53.4	83.8
2"	72.2	111.0
2-1/2"	88.1	121.4
3"	102.4	136.1
4"	127.8	162.0
6"	195.3	242.1

13ILB Bolted I-Line Clamp



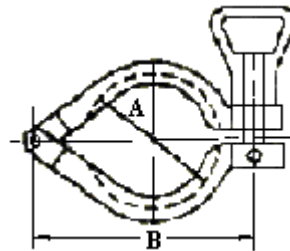
SIZE	A	B
1-1/2"	26.9	90.4
2"	35.8	117.4
2-1/2"	44.5	142.8
3"	51.6	168.2
4"	63.5	197.4

13ILB Bolted I-Line Clamp



SIZE	A	B
6"	195.3	285.8
8"	246.1	336.6

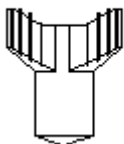
13IS I-Line Heavy Duty Clamp



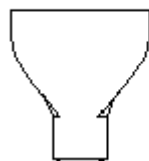
SIZE	A	B
1-1/2"	52.6	91.0
2"	70.3	109.6
2-1/2"	88.0	129.5
3"	101.5	142.0
4"	127.6	173.0

Wing Nuts For Clamp

WN-1



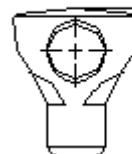
WN-2



WN-3



WN-4



WN-5

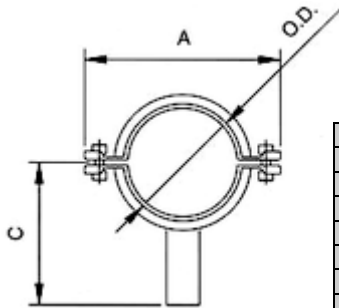


SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

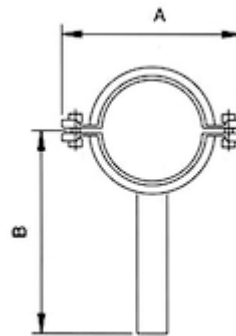
Tube Hangers

THRS Tube Hanger Short Type



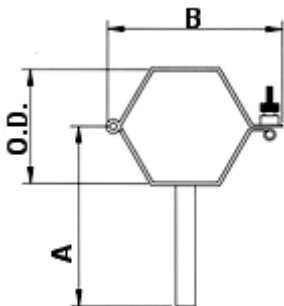
SIZE	O.D.	A	B	C
1"	25.4	78.0	150.0	90.0
1-1/4"	31.8	85.0	150.0	90.0
1-1/2"	38.1	91.0	150.0	90.0
2"	50.8	104.0	150.0	90.0
2-1/2"	63.5	116.0	150.0	90.0
3"	76.2	129.0	150.0	90.0
4"	101.6	155.0	150.0	90.0

THRL Tube Hanger Long Type



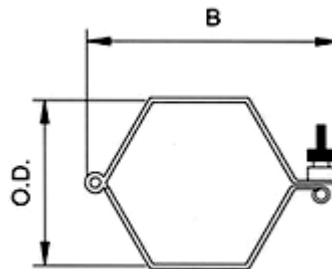
SIZE	O.D.	A	B	C
1"	25.4	78.0	150.0	90.0
1-1/4"	31.8	85.0	150.0	90.0
1-1/2"	38.1	91.0	150.0	90.0
2"	50.8	104.0	150.0	90.0
2-1/2"	63.5	116.0	150.0	90.0
3"	76.2	129.0	150.0	90.0
4"	101.6	155.0	150.0	90.0

THHP Tube Hanger With Pipe



SIZE	O.D.	A	B
1"	25.4	100.0	55.4
1-1/2"	38.1	100.0	68.1
2"	50.8	100.0	80.8
2-1/2"	63.5	100.0	93.5
3"	76.2	100.0	106.2
4"	101.6	100.0	131.6

THHP Tube Hanger Without Pipe



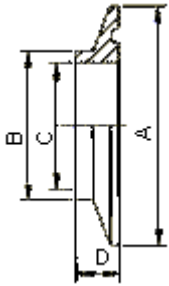
SIZE	O.D.	A	B
1"	25.4	100.0	55.4
1-1/2"	38.1	100.0	68.1
2"	50.8	100.0	80.8
2-1/2"	63.5	100.0	93.5
3"	76.2	100.0	106.2
4"	101.6	100.0	131.6

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

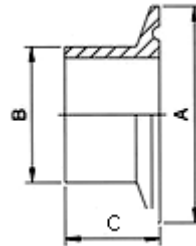
Ferrules

14WMP Short Welding Ferrule



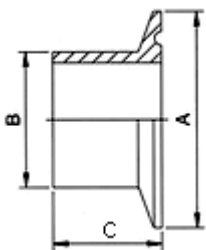
SIZE	A	B	C	D
1/2"	25.2	12.75	9.45	12.7
3/4"	25.2	19.05	15.75	12.7
1"	50.5	25.4	22.2	12.7
1 1/2"	50.5	38.1	34.9	12.7
2"	64.0	50.8	47.6	12.7
2 1/2"	77.5	63.5	60.3	12.7
3"	91.0	76.2	73.0	12.7
4"	119.0	101.6	97.6	15.9
6"	166.8	152.5	146.8	21.5
8"	217.6	203.3	197.6	21.5
10"	268.4	254.1	247.2	21.5
12"	319.3	304.9	298.0	21.5

14MMP Medium Welding Ferrule



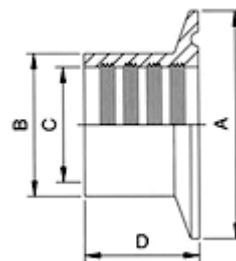
SIZE	A	B	C
1/2"	25.2	12.75	21.5
3/4"	25.2	19.05	21.5
1"	50.5	25.4	21.5
1 1/2"	50.5	38.1	21.5
2"	64.0	50.8	21.5
2 1/2"	77.5	63.5	21.5
3"	91.0	76.2	21.5
4"	119.0	101.6	21.5
6"	166.8	152.5	21.5
8"	217.6	203.3	21.5
10"	268.4	254.1	21.5
12"	319.3	304.9	21.5

14AMP Long Welding Ferrule



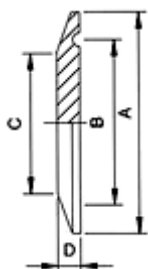
SIZE	A	B	C
1/2"	25.2	12.75	28.6
3/4"	25.2	19.05	28.6
1"	50.5	25.4	28.6
1 1/2"	50.5	38.1	28.6
2"	64.0	50.8	28.6
2 1/2"	77.5	63.5	28.6
3"	91.0	76.2	28.6
4"	119	101.6	28.6
6"	166.8	152.5	38.1
8"	217.6	203.3	38.1
10"	268.4	254.1	38.1
12"	319.3	304.9	38.1

14RMP Expanding Recessless Ferrule



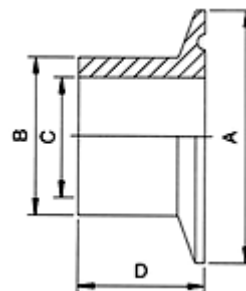
SIZE	A	B	C	D
1"	50.5	29.5	25.5	19.1
1 1/2"	50.5	42.6	38.2	28.6
2"	64.0	55.7	50.9	33.3
2 1/2"	77.5	68.8	63.6	34.9
3"	91.0	81.9	76.3	36.5
4"	119.0	108.1	101.7	38.1

16AMP Solid End Cap



SIZE	A	B	C	D
1"	50.5	43.5	31.0	6.4
1 1/2"	50.5	43.5	31.0	6.4
2"	64.0	56.5	44.5	6.4
2 1/2"	77.5	70.5	58.0	6.4
3"	91.0	83.5	71.5	6.4
4"	118.9	110.0	91.3	7.9

14MPW Tank Welding Ferrule



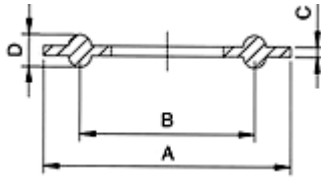
SIZE	A	B	C	D
1"	50.5	29.5	22.9	41.3
1 1/2"	50.5	42.6	35.6	41.3
2"	64.0	55.7	47.4	44.5
2 1/2"	77.5	68.8	60.1	44.5
3"	91.0	81.9	72.8	46.1
4"	118.9	108.1	97.3	54.0

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

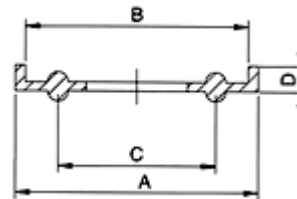
Ferrules

Seal For Ferrule Plain Type (Type 1)



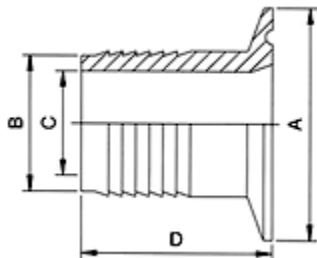
SIZE	A	B	C	D
1"	50.5	43.5	2.1	5.5
1 1/2"	50.5	43.5	2.1	5.5
2"	64.0	56.5	2.1	5.5
2 1/2"	77.5	70.5	2.1	5.5
3"	91.0	83.5	2.1	5.5
4"	118.9	110.0	2.1	5.5

Seal For Ferrule Lipped Type (Type 2)



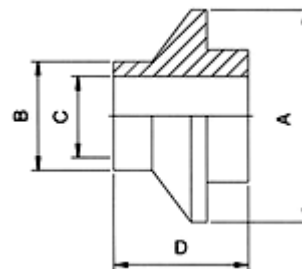
SIZE	A	B	C	D
1"	52.7	50.5	43.5	4.5
1 1/2"	52.7	50.5	43.5	4.5
2"	66.2	64.0	56.5	4.5
2 1/2"	79.7	77.5	70.5	4.5
3"	93.2	91.0	83.5	4.5
4"	121.1	118.9	110.0	4.5

14MPHR Hose Adapter Ferrule



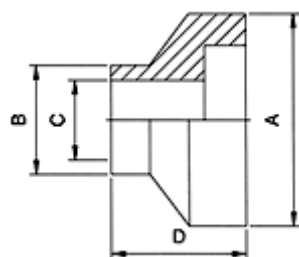
SIZE	A	B	C	D
1/2"	50.5	13.7	9.5	38.0
3/4"	50.5	21.4	15.8	38.0
1"	50.5	25.4	20.6	43.0
1 1/2"	50.5	38.1	33.2	43.0
2"	64.0	50.8	46.0	58.7
2 1/2"	77.5	63.5	58.7	59.5
3"	91.0	76.2	72.0	78.6
4"	119.0	101.6	97.6	86.5

14WI I-Line Short Male Ferrule



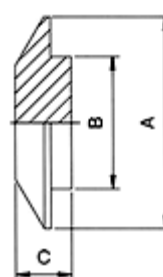
SIZE	A	B	C	D
1"	50.7	25.4	22.1	19.8
1 1/2"	50.7	38.1	34.8	23.8
2"	67.1	50.8	47.5	26.2
2 1/2"	84.0	63.5	60.2	29.4
3"	98.3	76.2	72.9	30.9
4"	123.7	101.6	97.4	34.1

15WI I-Line Short Female Ferrule



SIZE	A	B	R	T
1"	50.7	25.4	22.1	19.8
1 1/2"	50.7	38.1	34.8	23.8
2"	67.1	50.8	47.5	26.2
2 1/2"	84.0	63.5	60.2	29.4
3"	98.3	76.2	72.9	30.9
4"	123.7	101.6	97.4	34.1

16AI I-Line Solid Female Caps



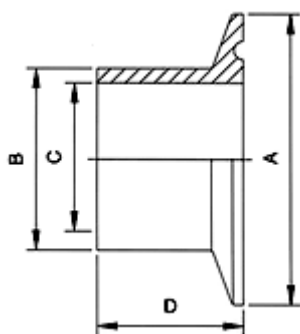
SIZE	A	B	C
1"	50.7	31.5	12.7
1 1/2"	50.7	44.2	12.7
2"	67.1	56.9	14.3
2 1/2"	84.0	69.6	19.1
3"	98.3	83.8	19.1
4"	123.7	109.1	19.1

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

Ferrules

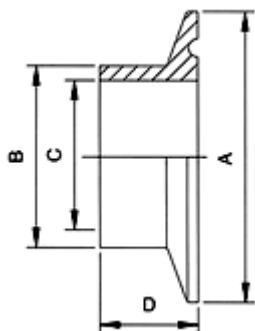
ISO-2852 Welding Ferrule



SIZE	A	B	C	D
25	50.5	25.0	22.6	21.5
33.7	50.5	33.7	31.3	21.5
38	50.5	38.0	35.6	21.5
40	64.0	40.0	37.6	21.5
51	64.0	51.0	48.6	21.5
63.5	77.5	63.5	60.3	21.5
70	91.0	70.0	66.8	21.5

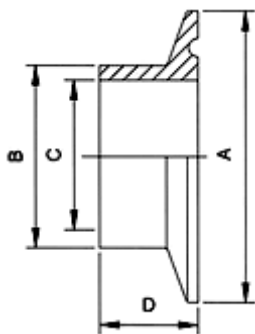
SIZE	A	B	C	D
76.1	91.0	76.1	72.9	21.5
88.9	106.0	88.9	84.9	21.5
101.6	119.0	101.6	97.6	21.5
114.3	130.0	114.3	110.3	28.0
139.7	155.0	139.7	135.7	28.0
168.3	183.0	168.3	163.1	28.0
219.1	233.5	219.1	213.9	28.0

DIN-32676 Welding Ferrule



SIZE	A	B	C	D
28	50.5	28.0	26.0	21.5
40	50.5	40.0	38.0	21.5
52	64.0	52.0	50.0	21.5
70	91.0	70.0	66.0	28.0
85	106.0	85.0	81.0	28.0
104	119.0	104.0	100.0	28.0

BS-4825 Welding Ferrule



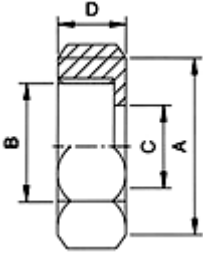
SIZE	A	B	C	D
1"	50.5	25.4	22.1	21.5
1.1/2"	50.5	38.1	34.8	21.5
2"	64.0	50.8	47.5	21.5
2.1/2"	91.0	63.5	60.2	21.5
3"	106.0	76.2	72.9	21.5
4"	119.0	101.6	97.4	21.5

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

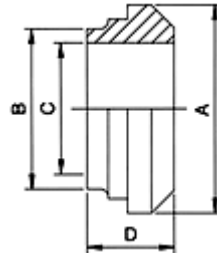
3A Unions

13H Hex. Nut



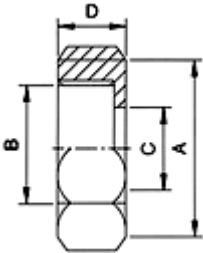
SIZE	A	B	C	D
1"	46.0	38.0	30.3	23.0
1-1/2"	61.1	51.5	43.4	24.6
2"	76.2	65.0	56.5	27.0
2-1/2"	91.3	78.6	69.6	29.6
3"	106.4	92.1	82.7	32.5
4"	137.6	120.1	102.1	38.1

14PRF Short Bevel Seat Weld Liner



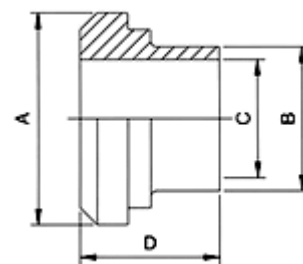
SIZE	A	B	C	D
1"	33.3	25.4	22.1	18.3
1-1/2"	46.8	38.1	34.8	18.3
2"	60.3	50.8	47.5	19.1
2-1/2"	73.8	63.5	60.2	22.3
3"	87.3	76.2	72.9	23.1
4"	114.3	101.6	97.4	26.2

15TRF Short Bevel Seat Weld Male



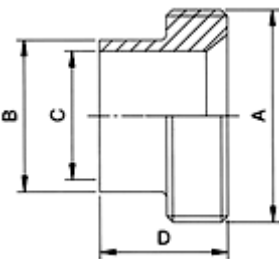
SIZE	A	B	C	D
1"	37.1	25.4	22.1	18.3
1-1/2"	50.6	38.1	34.8	18.3
2"	64.2	50.8	47.5	19.1
2-1/2"	77.7	63.5	60.2	22.3
3"	91.2	76.2	72.9	23.1
4"	119.3	101.6	97.4	26.2

14A Long Weld Liner



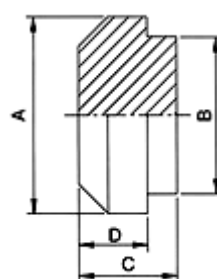
SIZE	A	B	C	D
1"	33.3	25.4	22.1	34.9
1-1/2"	46.8	38.1	34.8	38.1
2"	60.3	50.8	47.5	38.1
2-1/2"	73.8	63.5	60.2	44.5
3"	87.3	76.2	72.9	44.5
4"	114.3	101.6	97.4	44.5

15A Long Weld Male



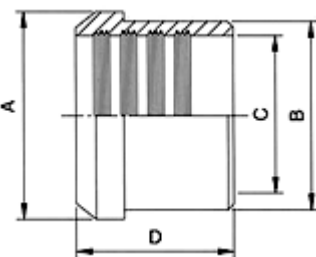
SIZE	A	B	C	D
1"	37.1	25.4	22.1	34.9
1-1/2"	50.6	38.1	34.8	38.1
2"	64.2	50.8	47.5	38.1
2-1/2"	77.7	63.5	60.2	44.5
3"	91.2	76.2	72.9	44.5
4"	119.3	101.6	97.4	44.5

16A Solid End Cap



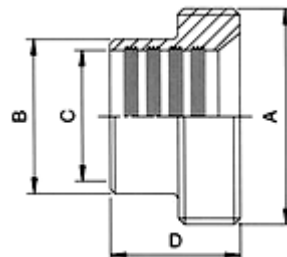
SIZE	A	B	C	D
1"	33.3	29.5	11.9	8.0
1-1/2"	46.8	42.6	14.3	8.7
2"	60.3	55.7	15.9	10.3
2-1/2"	73.8	68.8	16.7	11.1
3"	87.3	81.9	18.3	11.9
4"	114.3	108.1	20.7	13.5

14R Expanding Liner



SIZE	A	B	C	D
1"	33.3	29.5	25.5	19.1
1-1/2"	46.8	42.6	38.2	28.6
2"	60.3	55.7	50.9	33.3
2-1/2"	73.8	68.8	63.6	34.9
3"	87.3	81.9	76.3	36.5
4"	114.3	108.1	101.7	38.1

15R Expanding Liner



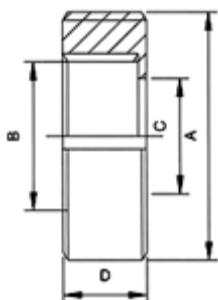
SIZE	A	B	C	D
1"	37.1	29.5	25.5	20.6
1-1/2"	50.6	42.6	38.2	28.6
2"	64.2	55.7	50.9	34.9
2-1/2"	77.7	68.8	63.6	38.1
3"	91.2	81.9	76.3	41.3
4"	119.3	108.1	101.7	41.3

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

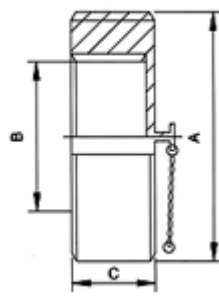
DIN Unions

DIN-13R(DIN-11851) Round Nut 4 Slots



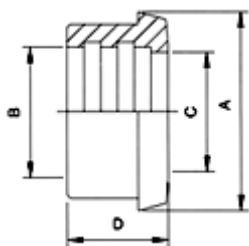
SIZE	A	B	C	D
10	38.0	25.1	19.0	18.0
15	44.0	31.1	25.0	18.0
20	54.0	40.2	31.0	21.0
25	63.0	48.2	36.0	21.0
32	70.0	54.2	42.0	21.0
40	78.0	61.2	49.0	21.0
50	92.0	74.2	62.0	22.0
65	112.0	91.2	80.0	25.0
80	127.0	104.3	94.0	29.0
100	148.0	124.3	115.0	31.0
125	178.0	154.3	138.0	35.0
150	210.0	184.3	164.0	40.0

DIN-13RBN(DIN-11851) Round Blank Nut



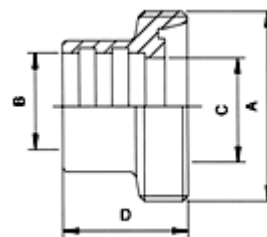
SIZE	A	B	C
10	38.0	25.1	18.0
15	44.0	31.1	18.0
20	54.0	40.2	21.0
25	63.0	48.2	21.0
32	70.0	54.2	21.0
40	78.0	61.2	21.0
50	92.0	74.2	22.0
65	112.0	91.2	25.0
80	127.0	104.3	29.0
100	148.0	124.3	31.0
125	178.0	154.3	35.0
150	210.0	184.3	40.0

DIN-14R(DIN-11851) Expanding Liner



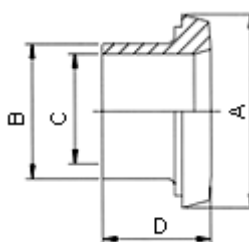
SIZE	A	B	C	D
10	22.0	12.2	10.0	17.0
15	28.0	18.2	16.0	17.0
20	36.0	22.2	20.0	18.0
25	44.0	28.2	26.0	22.0
32	50.0	34.2	32.0	25.0
40	56.0	40.2	38.0	26.0
50	68.0	52.2	50.0	28.0
65	86.0	70.3	66.0	32.0
80	100.0	85.3	81.0	37.0
100	120.0	104.3	100.0	44.0
125	149.0	129.3	125.0	34.0
150	175.0	154.3	150.0	37.0

DIN-15R(DIN-11851) Expanding Male



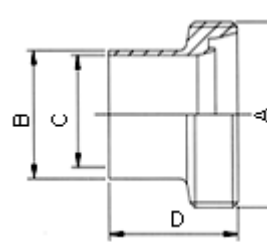
SIZE	A	B	C	D
10	28.0	12.2	10.0	21.0
15	34.0	18.2	16.0	21.0
20	44.0	22.2	20.0	24.0
25	52.0	28.2	26.0	29.0
32	58.0	34.2	32.0	32.0
40	65.0	40.2	38.0	33.0
50	78.0	52.2	50.0	35.0
65	95.0	70.3	66.0	40.0
80	110.0	85.3	81.0	45.0
100	130.0	104.3	100.0	54.0
125	160.0	129.3	125.0	46.0
150	190.0	154.3	150.0	50.0

DIN-14(DIN-11851) Welding Liner



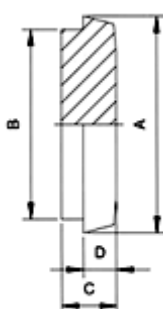
SIZE	A	B	C	D
10	22.0	15.0	12.0	17.0
15	28.0	21.0	18.0	17.0
20	36.0	25.0	22.0	18.0
25	44.0	31.0	28.0	22.0
32	50.0	37.0	34.0	25.0
40	56.0	43.0	40.0	26.0
50	68.5	55.0	52.0	28.0
65	86.0	72.0	68.0	32.0
80	100.0	87.0	83.0	37.0
100	121.0	106.0	102.0	44.0
125	150.0	132.0	127.0	34.0
150	176.0	157.0	152.0	37.0

DIN-15(DIN-11851) Welding Male



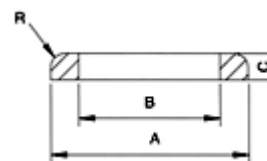
SIZE	A	B	C	D
10	28.0	15.0	12.0	21.0
15	34.0	21.0	18.0	21.0
20	44.0	25.0	22.0	24.0
25	52.0	31.0	28.0	29.0
32	58.0	37.0	34.0	32.0
40	65.0	43.0	40.0	33.0
50	78.0	55.0	52.0	35.0
65	95.0	72.0	68.0	40.0
80	110.0	87.0	83.0	45.0
100	130.0	106.0	102.0	54.0
125	160.0	132.0	127.0	46.0
150	190.0	157.0	152.0	50.0

DIN-16(DIN-11851) Blank



SIZE	A	B	C	D
10	22.0	18.0	9.0	6.0
15	28.0	24.0	9.0	6.0
20	36.0	30.0	11.0	8.0
25	44.0	35.0	13.0	10.0
32	50.0	41.0	13.0	10.0
40	56.0	48.0	13.0	10.0
50	68.5	61.0	14.0	11.0
65	86.0	79.0	16.0	12.0
80	100.0	93.0	16.0	12.0
100	121.0	114.0	20.0	15.0
125	150.0	137.0	22.0	17.0
150	176.0	163.0	24.0	18.0

Seal For DIN Union



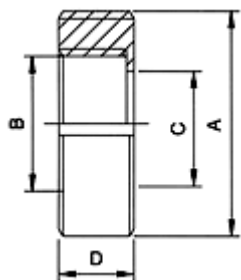
SIZE	A	B	C	R
10	20.0	12.0	4.5	2.3
15	26.0	18.0	4.5	2.3
20	33.0	23.0	4.5	2.8
25	40.0	30.0	5.0	2.8
32	46.0	36.0	5.0	2.8
40	52.0	42.0	5.0	2.8
50	64.0	54.0	5.0	2.8
65	81.0	71.0	5.0	2.8
80	95.0	85.0	5.0	2.8
100	114.0	104.0	6.0	2.8
125	142.0	130.0	7.0	3.5
150	167.0	155.0	7.0	3.5

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

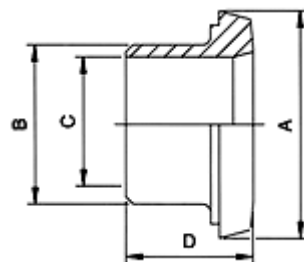
DIN (Imperial) Unions

DIN-13RI(DIN-11851) Round Nut 4 Slots



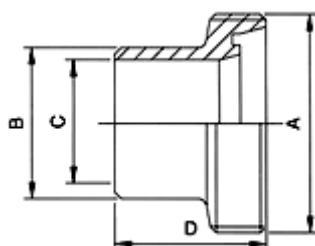
SIZE	A	B	C	D
1"	63.0	48.2	36.0	21.0
1-1/2"	78.0	61.2	49.0	21.0
2"	92.0	74.2	62.0	22.0
2-1/2"	112.0	91.2	80.0	25.0
3"	127.0	104.3	94.0	29.0
4"	148.0	124.3	115.0	31.0

DIN-14I(DIN-11851) Imperial Welding Liner



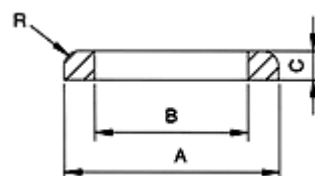
SIZE	A	B	C	D
1"	44.0	25.4	22.1	22.0
1-1/2"	56.0	38.1	34.8	26.0
2"	68.0	50.8	47.5	28.0
2-1/2"	86.0	63.5	60.2	32.0
3"	100.0	76.2	72.9	37.0
4"	121.0	101.6	97.6	44.0

DIN-15I(DIN-11851) Imperial Welding Male



SIZE	A	B	C	D
1"	52.0	25.4	22.1	29.0
1-1/2"	65.0	38.1	34.8	33.0
2"	78.0	50.8	47.5	35.0
2-1/2"	95.0	63.5	60.2	40.0
3"	110.0	76.2	72.9	45.0
4"	130.0	101.6	97.6	54.0

Seal For DIN Union



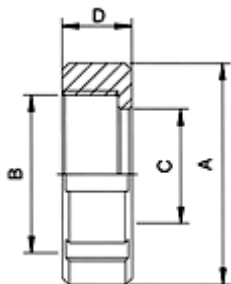
SIZE	A	B	C	D
1"	40.0	30.0	5.0	2.8
1-1/2"	52.0	42.0	5.0	2.8
2"	64.0	54.0	5.0	2.8
2-1/2"	81.0	71.0	5.0	2.8
3"	95.0	85.0	5.0	2.8
4"	114.0	104.0	6.0	2.8

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

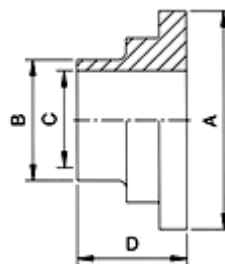
SMS Unions

SMS-13R(FR) Round Nut 6 Slots



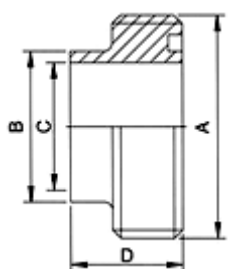
SIZE	A	B	C	D
25.0	51.0	RD 40 x 1/6	32.3	19.0
32.0	60.0	RD 48 x 1/6	40.3	22.0
38.0	74.0	RD 60 x 1/6	48.3	23.0
51.0	84.0	RD 70 x 1/6	61.0	24.0
63.5	100.0	RD 85 x 1/6	74.0	28.0
76.1	114.0	RD 98 x 1/6	87.0	30.0
101.6	138.0	RD 132 x 1/6	113.0	31.0
104.0	138.0	RD 125 x 1/4	113.0	31.0

SMS-14(FR) Welding Liner



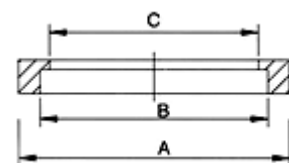
SIZE	A	B	C	D
25.0	35.5	25.0	22.5	15.5
38.0	55.0	38.0	35.5	16.0
51.0	65.0	51.0	48.5	17.0
63.5	80.0	63.5	60.5	17.0
76.1	93.0	76.1	72.9	19.0
104.0	118.0	104.0	100.0	19.0

SMS-15(FR) Welding Male



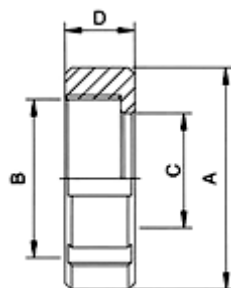
SIZE	A	B	C	D
25.0	RD 40 x 1/6	25.0	22.5	19.0
38.0	RD 60 x 1/6	38.0	35.5	23.0
51.0	RD 70 x 1/6	51.0	48.5	23.0
63.5	RD 85 x 1/6	63.5	60.5	27.0
76.1	RD 98 x 1/6	76.1	72.9	27.0
104.0	RD 125 x 1/4	104.0	100.0	30.0

Seal For SMS(FR) Union



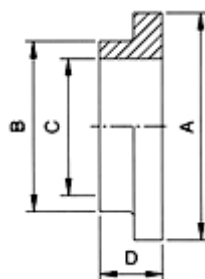
SIZE	A	B	C	D
25.0	31.8	25.1	22.8	5.3
38.0	47.8	38.1	35.8	5.3
51.0	60.8	51.1	48.8	5.3
63.5	73.3	63.6	61.0	5.3
76.1	85.8	76.1	73.4	5.3
104.0	115.7	104.0	100.5	5.3

SMS-13R(SE) Round Nut 6 Slots



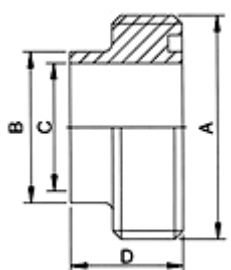
SIZE	A	B	C	D
25.0	51.0	RD 40 x 1/6	32.0	20.0
38.0	74.0	RD 60 x 1/6	48.0	25.0
51.0	84.0	RD 70 x 1/6	60.6	26.0
63.5	100.0	RD 85 x 1/6	74.0	30.0
76.1	114.0	RD 98 x 1/6	87.0	32.0
101.6	138.0	RD 132 x 1/4	117.0	45.0

SMS-14(SE) Welding Liner



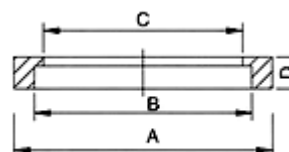
SIZE	A	B	C	D
25.0	35.5	25.0	22.5	8.0
38.0	55.0	38.0	35.5	9.0
51.0	65.0	51.0	48.5	9.0
63.5	80.0	63.5	60.2	9.0
76.1	93.0	76.1	72.8	10.0
101.6	126.8	101.6	97.6	12.0

SMS-15(SE) Welding Male



SIZE	A	B	C	D
25.0	RD 40 x 1/6	25.0	22.5	15.0
38.0	RD 60 x 1/6	38.0	35.5	20.0
51.0	RD 70 x 1/6	51.0	48.5	20.0
63.5	RD 85 x 1/6	63.5	60.2	24.0
76.1	RD 98 x 1/6	76.1	72.8	24.0
101.6	RD 132 x 1/4	101.6	97.6	35.0

Seal For SMS(SE) Union



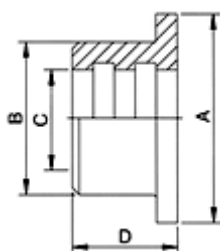
SIZE	A	B	C	D
25.0	31.8	25.1	22.8	5.3
38.0	47.8	38.1	35.8	5.3
51.0	60.8	51.1	48.8	5.3
63.5	73.3	63.6	61.0	5.3
76.1	85.8	76.1	73.4	5.3
101.6	113.8	101.6	98.2	5.3

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

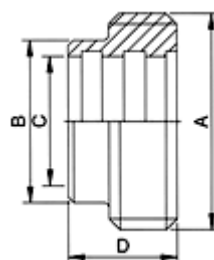
SMS Unions

SMS-14R Expanding Liner



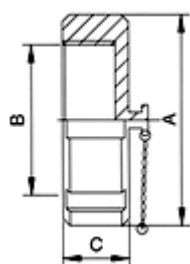
SIZE	A	B	C	D
25.0	35.5	32.0	25.1	17.0
38.0	55.0	48.0	38.1	20.0
51.0	65.0	60.5	51.1	20.0
63.5	80.0	73.5	63.6	25.0
76.1	93.0	86.5	76.3	30.0
104.0	118.0	112.5	104.2	27.0

SMS-15R Expanding Male



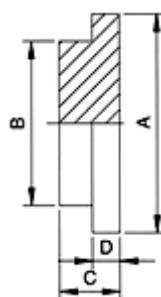
SIZE	A	B	C	D
25.0	RD 40 x 1/6	32.0	25.1	20.0
38.0	RD 60 x 1/6	48.0	38.1	23.0
51.0	RD 70 x 1/6	60.5	51.1	25.0
63.5	RD 85 x 1/6	73.5	63.6	30.0
76.1	RD 98 x 1/6	86.5	76.3	35.0
104.0	RD 125 x 1/4	112.5	104.2	30.0

SMS-13RBN Blank Nut



SIZE	A	B	C
25.0	51.0	RD 40 x 1/6	19.0
38.0	74.0	RD 60 x 1/4	23.0
51.0	84.0	RD 70 x 1/6	24.0
63.5	100.0	RD 85 x 1/6	28.0
76.1	114.0	RD 98 x 1/6	30.0
104.0	138.0	RD 125 x 1/4	31.0

SMS-16 Blank Liner



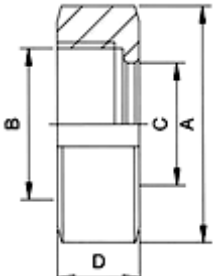
SIZE	A	B	C	D
25.0	35.5	32.0	7.5	3.5
38.0	55.0	48.0	8.0	4.0
51.0	65.0	60.5	9.0	4.0
63.5	80.0	73.5	9.0	4.0
76.1	93.0	86.0	11.0	5.0
104.0	118.0	112.0	12.0	6.0

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

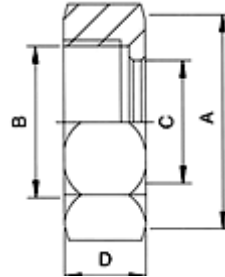
RJT Unions

RJT-13R Round Nut 6 Slots



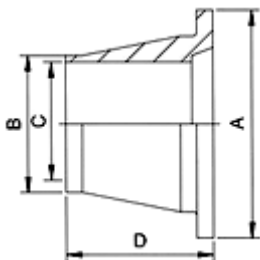
SIZE	A	B	C	D
1"	58.5	43.1	33.3	22.2
1-1/2"	74.0	55.8	46.0	22.2
2"	85.5	68.7	58.7	22.2
2-1/2"	98.5	81.4	71.4	22.2
3"	111.6	94.1	84.1	22.2
4"	138.0	119.5	109.5	22.2
6"	197.0	169.5	163.0	22.2

RJT-13H Hex. Nut



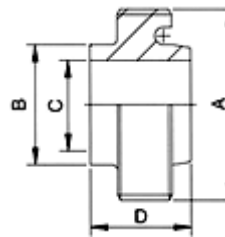
SIZE	A	B	C	D
1"	50.8	43.1	33.3	22.2
1-1/2"	65.0	55.8	46.0	22.2
2"	79.4	68.7	58.7	22.2
2-1/2"	92.1	81.4	71.4	22.2
3"	104.8	94.1	84.1	22.2
4"	130.2	119.5	109.5	22.2
6"	181.0	169.5	163.0	22.2

RJT-14 Welding Liner



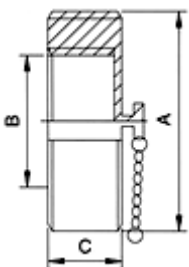
SIZE	A	B	C	D
1"	41.3	25.4	22.2	19.0
1-1/2"	54.0	38.1	34.9	19.0
2"	66.7	50.8	47.6	19.0
2-1/2"	79.4	63.5	60.3	19.0
3"	92.1	76.2	73.0	19.0
4"	117.5	101.6	97.6	19.0
6"	168.3	152.4	148.2	23.5

RJT-15 Welding Male



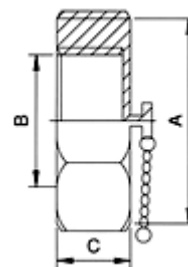
SIZE	A	B	C	D
1"	45.7	25.4	22.2	26.3
1-1/2"	58.4	38.1	34.9	26.3
2"	72.7	50.8	47.6	26.3
2-1/2"	85.4	63.5	60.3	26.3
3"	98.1	76.2	73.0	26.3
4"	123.5	101.6	97.6	26.3
6"	174.3	152.4	148.2	26.3

RJT-13RBN Round Blank Nut



SIZE	A	B	C
1"	58.5	43.1	22.2
1-1/2"	74.0	55.8	22.2
2"	85.5	68.7	22.2
2-1/2"	98.5	81.4	22.2
3"	111.6	94.1	22.2
4"	138.0	119.5	22.2

RJT-13HBN Hex. Blank Nut



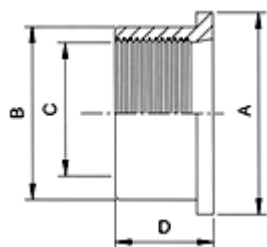
SIZE	A	B	C
1"	50.8	43.1	22.2
1-1/2"	65.0	55.8	22.2
2"	79.4	68.7	22.2
2-1/2"	92.1	81.4	22.2
3"	104.8	94.1	22.2
4"	130.2	119.5	22.2

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

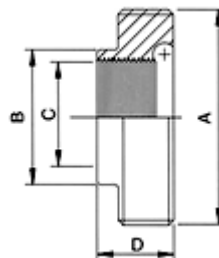
RJT Unions

RJT-14R Expanding Liner



SIZE	A	B	C	D
1"	41.3	32.5	25.5	20.0
1-1/2"	54.0	45.2	38.2	24.0
2"	66.7	57.9	50.9	28.0
2-1/2"	79.4	70.6	63.6	32.0
3"	92.1	83.8	76.4	32.0
4"	117.5	109.0	101.8	32.0

RJT-15R Expanding Male



SIZE	A	B	C	D
1"	45.7	32.5	25.5	20.0
1-1/2"	58.4	45.2	38.2	24.0
2"	72.7	57.9	50.9	28.0
2-1/2"	85.4	70.6	63.6	32.0
3"	98.1	83.8	76.4	32.0
4"	128.7	109.0	101.8	32.0

Seal For RJT Union-O-Ring



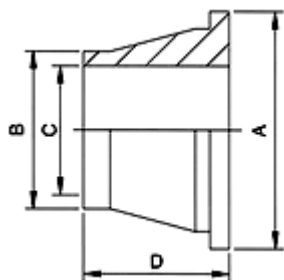
SIZE	A	B
1"	33.3	6.6
1-1/2"	46.0	6.6
2"	58.7	6.6
2-1/2"	71.4	6.6
3"	84.1	6.6
4"	109.5	6.6

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

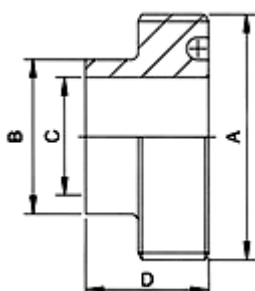
CIP Unions

CIP14 Welding Liner



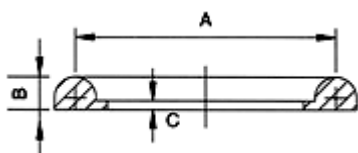
SIZE	A	B	C	D
1"	41.3	25.4	22.2	19.0
1-1/2"	54.0	38.1	34.9	19.0
2"	66.7	50.8	47.6	19.0
2-1/2"	79.4	63.5	60.3	19.0
3"	92.1	76.2	73.0	19.0
4"	117.5	101.6	97.6	19.0

CIP15 Welding Male



SIZE	A	B	C	D
1"	45.7	25.4	22.2	20.0
1-1/2"	58.4	38.1	34.9	20.0
2"	72.7	50.8	47.6	20.0
2-1/2"	85.4	63.5	60.3	20.0
3"	98.1	76.2	73.0	20.0
4"	123.5	101.6	97.6	20.0

Seal For CIP Union



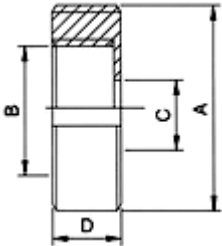
SIZE	A	B	C
1"	33.3	6.6	2.5
1-1/2"	46.0	6.6	2.5
2"	58.7	6.6	2.5
2-1/2"	71.4	6.6	2.5
3"	84.1	6.6	2.5
4"	109.5	6.6	2.5

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

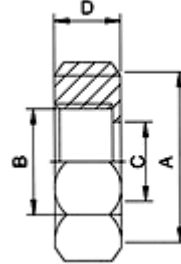
IDF Unions

IDF-13R Round Nut



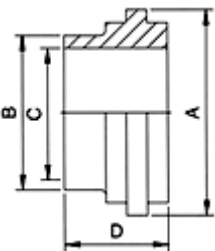
SIZE	A	B	C	D
1"	50.0	34.5	30.5	30.0
1-1/2"	65.0	48.0	43.5	30.0
2"	79.0	61.5	57.0	30.0
2-1/2"	95.0	75.0	70.7	30.0
3"	108.0	88.6	83.3	30.0
4"	135.0	115.6	112.0	35.0

IDF-13H Hex. Nut



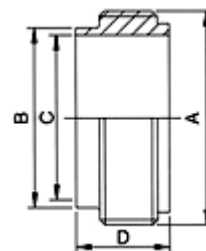
SIZE	A	B	C	D
1"	46.0	34.5	30.5	30.0
1-1/2"	60.0	48.0	43.5	30.0
2"	75.0	61.5	57.0	30.0
2-1/2"	90.0	75.0	70.7	30.0
3"	105.0	88.6	83.3	30.0
4"	133.0	115.6	112.0	35.0

IDF-14 Welding Liner



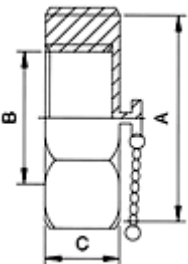
SIZE	A	B	C	D
1"	33.8	25.4	22.2	21.5
1-1/2"	47.0	38.1	34.9	21.5
2"	60.5	50.8	47.6	21.5
2-1/2"	74.0	63.5	60.3	21.5
3"	87.5	76.2	73.0	21.5
4"	120.6	101.6	97.6	30.0

IDF-15 Welding Male



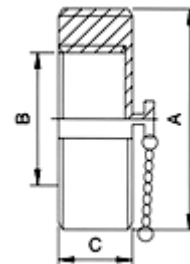
SIZE	A	B	C	D
1"	37.1	25.4	22.2	21.5
1-1/2"	50.7	38.1	34.9	21.5
2"	64.2	50.8	47.6	21.5
2-1/2"	77.7	63.5	60.3	21.5
3"	91.2	76.2	73.0	21.5
4"	118.2	101.6	97.6	30.0

IDF-13HBN Blank Nut



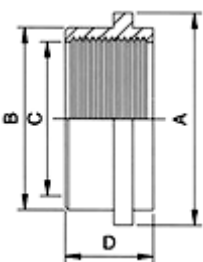
SIZE	A	B	C
1"	46.0	34.5	30.0
1-1/2"	60.0	48.0	30.0
2"	75.0	61.5	30.0
2-1/2"	90.0	75.0	30.0
3"	105.0	88.6	30.0
4"	133.0	115.6	35.0

IDF-13HRBN Round Blank Nut



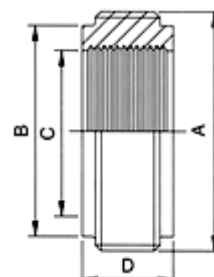
SIZE	A	B	C
1"	50.0	34.5	30.0
1-1/2"	65.0	48.0	30.0
2"	79.0	61.5	30.0
2-1/2"	95.0	75.0	30.0
3"	108.0	88.6	30.0
4"	135.0	115.6	35.0

IDF-14R Expanding Liner



SIZE	A	B	C	D
1"	33.8	29.0	25.5	20.0
1-1/2"	47.0	42.5	38.2	20.0
2"	60.5	56.0	50.9	25.0
2-1/2"	74.0	69.7	63.6	25.0
3"	87.5	82.3	76.4	30.0

IDF-15R Expanding Male



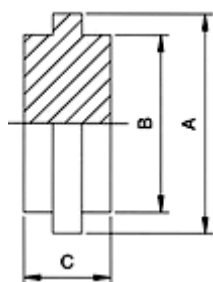
SIZE	A	B	C	D
1"	37.1	29.0	25.5	20.0
1-1/2"	50.7	42.5	38.2	20.0
2"	64.2	56.0	50.9	25.0
2-1/2"	77.7	69.7	63.6	25.0
3"	91.2	82.3	76.4	30.0

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

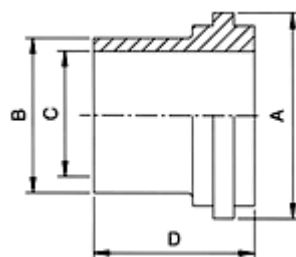
IDF Unions

IDF-16 Blank Liner



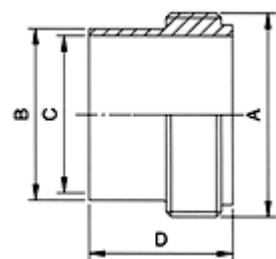
SIZE	A	B	C
1"	33.8	29.2	10.0
1-1/2"	47.0	42.7	10.0
2"	60.5	56.2	10.0
2-1/2"	74.0	69.9	10.0
3"	87.5	82.6	10.0
4"	120.6	111.1	10.0

IDF-14L Long Welding Liner



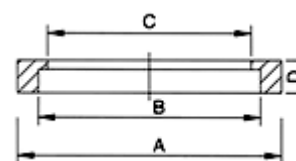
SIZE	A	B	C	D
1"	33.8	25.4	22.2	46.0
1-1/2"	47.0	38.1	34.9	46.0
2"	60.5	50.8	47.6	46.0
2-1/2"	74.0	63.5	60.3	46.0
3"	87.5	76.2	73.0	46.0
4"	120.6	101.6	97.6	49.0

IDF-15L Long Welding Male



SIZE	A	B	C	D
1"	37.1	25.4	22.2	51.0
1-1/2"	50.7	38.1	34.9	51.0
2"	64.2	50.8	47.6	51.0
2-1/2"	77.7	63.5	60.3	51.0
3"	91.2	76.2	73.0	51.0
4"	125.9	101.6	97.6	56.0

Seal For IDF Union



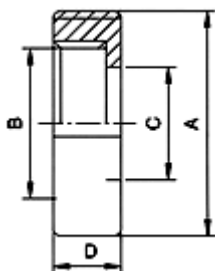
SIZE	A	B	C	D
1"	32.5	29.2	23.2	6.0
1-1/2"	46.0	42.7	35.9	6.0
2"	59.5	56.2	48.6	6.0
2-1/2"	73.2	69.9	61.3	6.0
3"	86.5	82.6	74.0	6.0
4"	119.0	111.0	98.6	6.0

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

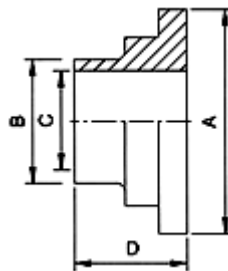
DANSK Unions

DANSK-13R(DK) Round Nut



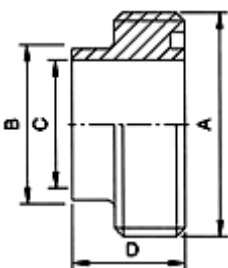
SIZE	A	B	C	D
25	57.0	40.5	35.0	20.0
38	71.0	54.5	48.5	20.0
51	86.0	68.5	62.5	22.0
63.5	103.0	84.5	76.5	24.0
76.1	115.0	96.5	88.5	25.0
101.6	147.0	126.9	117.0	28.0

DANSK-14(DK) Welding Liner



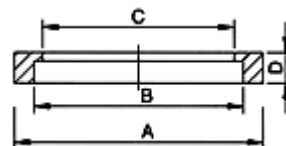
SIZE	A	B	C	D
25	39.5	25.0	22.5	11.0
38	53.5	38.0	35.5	11.0
51	67.5	51.0	48.5	11.0
63.5	83.5	63.5	60.3	12.0
76.1	95.7	76.1	72.9	12.0
101.6	124.0	101.6	97.6	12.0

DANSK-15(DK) Welding Male



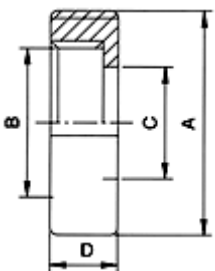
SIZE	A	B	C	D
25	43.6	25.0	22.5	18.5
38	57.6	38.0	35.5	20.0
51	71.6	51.0	48.5	20.0
63.5	87.6	63.5	60.3	24.0
76.1	99.6	76.1	72.9	24.0
101.6	129.5	101.6	97.6	24.0

Seal For DANSK(DK) Union



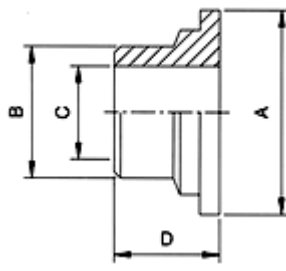
SIZE	A	B	C	D
25	32.0	22.5	25.0	5.0
38	47.0	35.5	38.0	5.0
51	59.0	48.5	51.0	5.0
63.5	74.5	60.3	63.5	5.0
76.1	88.0	72.9	76.0	5.0
101.6	112.5	97.6	102.0	5.0

DANSK-13R(SA) Round Nut



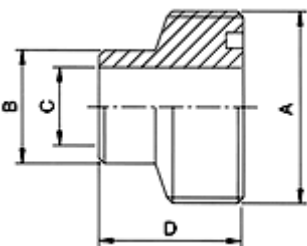
SIZE	A	B	C	D
1"	57.0	40.5	34.5	20.0
1-1/4"	65.0	48.5	42.0	20.0
1-1/2"	71.0	54.5	48.0	20.0
2"	86.0	68.5	62.0	22.0
2-1/2"	103.0	84.5	76.0	24.0
3"	115.0	96.5	88.0	25.0
4"	148.0	124.5	116.0	31.0

DANSK-14(SA) Welding Liner



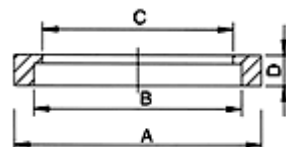
SIZE	A	B	C	D
1"	40.0	28.6	22.5	16.0
1-1/4"	48.0	35.0	29.0	16.0
1-1/2"	54.0	41.3	35.0	18.0
2"	68.0	54.0	47.5	20.0
2-1/2"	84.0	66.7	60.0	22.0
3"	96.0	79.4	72.5	24.0
4"	123.0	110.0	97.5	29.0

DANSK-15(SA) Welding Male



SIZE	A	B	C	D
1"	43.6	28.6	22.5	20.0
1-1/4"	51.6	35.0	29.0	20.0
1-1/2"	57.6	41.3	35.0	22.0
2"	71.6	54.0	47.5	24.0
2-1/2"	87.6	66.7	60.0	26.0
3"	99.6	79.4	72.5	28.0
4"	129.5	110.0	97.5	34.0

Seal For DANSK(SA) Union



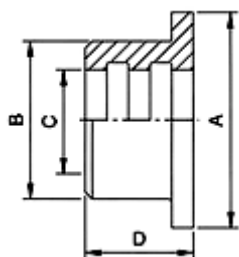
SIZE	A	B	C	D
1"	32.0	22.5	25.4	5.0
1-1/4"	47.0	29.0	31.8	5.0
1-1/2"	47.0	35.0	38.1	5.0
2"	59.0	47.5	50.8	5.0
2-1/2"	74.5	60.0	63.5	5.0
3"	88.0	72.5	76.2	5.0
4"	116.0	97.5	101.6	5.0

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

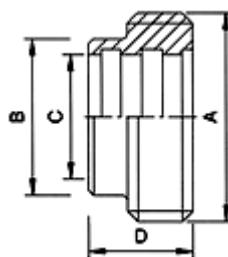
DANSK Unions

DANSK-14R Expanding Liner



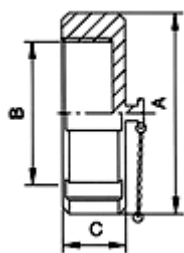
SIZE	A	B	C	D
1"	40.0	34.0	25.2	16.0
1-1/2"	54.0	47.5	38.2	18.0
2"	68.0	61.5	51.2	20.0
2-1/2"	84.0	75.5	63.7	22.0
3"	96.0	87.5	76.4	24.0
4"	123.0	115.0	102.0	29.0

DANSK-15R Expanding Male Part



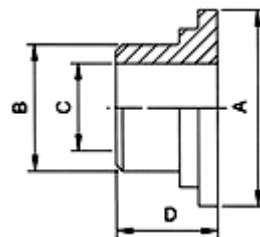
SIZE	A	B	C	D
1"	43.6	34.0	25.2	20.0
1-1/2"	57.6	47.5	38.2	22.0
2"	71.6	61.5	51.2	24.0
2-1/2"	87.6	75.5	63.7	26.0
3"	99.6	87.5	76.4	28.0
4"	129.5	115.0	102.0	34.0

DANSK-13BR Blank Nut



SIZE	A	B	C
1"	57.0	40.5	20.0
1-1/2"	71.0	54.5	20.0
2"	86.0	68.5	22.0
2-1/2"	103.0	84.5	24.0
3"	115.0	96.5	25.0
4"	147.0	126.9	28.0

DANSK-14F Welding Liner



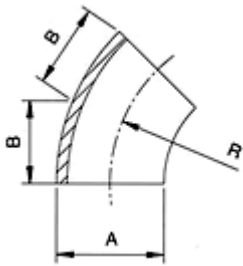
SIZE	A	B	C	D
1"	40.0	28.6	22.5	16.0
1-1/2"	54.0	41.3	35.0	18.0
2"	68.0	54.0	47.5	20.0
2-1/2"	84.0	66.7	60.0	22.0
3"	96.0	79.4	72.5	24.0
4"	123.0	110.0	97.5	29.0

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

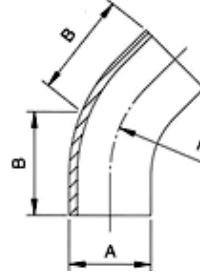
3A Butt-welding Fittings

2KW 45° Short Elbow



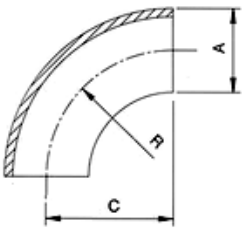
SIZE	A	B	R	T
1"	25.4	15.9	38.1	1.65
1.1/2"	38.1	23.8	57.2	1.65
2"	50.8	31.8	76.2	1.65
2.1/2"	63.5	39.7	95.3	1.65
3"	76.2	47.6	114.3	1.65
4"	101.6	63.5	152.4	2.11

2KS 45° Long Elbow



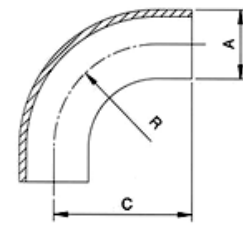
SIZE	A	B	R	T
1"	25.4	30.2	38.1	1.65
1.1/2"	38.1	40.5	57.2	1.65
2"	50.8	55.6	76.2	1.65
2.1/2"	63.5	76.2	95.3	1.65
3"	76.2	93.7	114.3	1.65
4"	101.6	127.8	152.4	2.11

2WC 90° Short Elbow



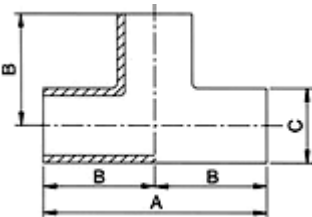
SIZE	A	C	R	T
1"	25.4	38.1	38.1	1.65
1.1/2"	38.1	57.2	57.2	1.65
2"	50.8	76.2	76.2	1.65
2.1/2"	63.5	95.3	95.3	1.65
3"	76.2	114.3	114.3	1.65
4"	101.6	152.4	152.4	2.11

2S 90° Long Elbow



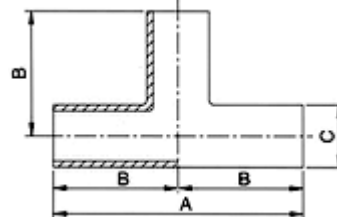
SIZE	A	C	R	T
1"	25.4	52.4	38.1	1.65
1.1/2"	38.1	74.6	57.2	1.65
2"	50.8	103.2	76.2	1.65
2.1/2"	63.5	131.8	95.3	1.65
3"	76.2	160.3	114.3	1.65
4"	101.6	211.1	152.4	2.11

7WWW Short Equal Tee



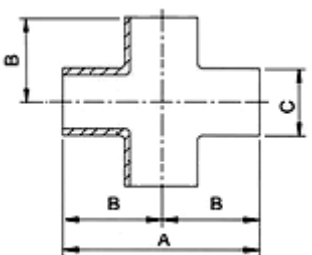
SIZE	A	B	C	T
1"	57.2	28.6	25.4	1.65
1.1/2"	84.2	42.1	38.1	1.65
2"	104.8	52.4	50.8	1.65
2.1/2"	119.0	59.5	63.5	1.65
3"	131.8	65.9	76.2	1.65
4"	174.6	87.3	101.6	2.11

7W Long Equal Tee



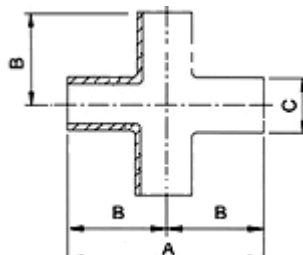
SIZE	A	B	C	T
1/2"	76.2	38.1	12.7	1.65
3/4"	69.0	34.5	19.1	1.65
1"	95.2	47.6	25.4	1.65
1.1/2"	114.4	57.2	38.1	1.65
2"	152.4	76.2	50.8	1.65
2.1/2"	152.4	76.2	63.5	1.65
3"	165.2	82.6	76.2	1.65
4"	196.8	98.4	101.6	2.11
6"	254.0	127.0	152.4	2.77

9WWW Short Equal Cross



SIZE	A	B	C	T
1"	57.2	28.6	25.4	1.65
1.1/2"	84.2	42.1	38.1	1.65
2"	104.8	52.4	50.8	1.65
2.1/2"	119.0	59.5	63.5	1.65
3"	131.8	65.9	76.2	1.65
4"	174.6	87.3	101.6	2.11

9W Long Equal Cross



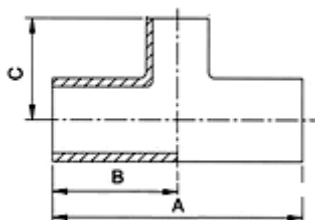
SIZE	A	B	C	T
1/2"	76.2	38.1	12.70	1.65
3/4"	69.0	34.5	19.05	1.65
1"	95.2	47.6	25.40	1.65
1.1/2"	114.4	57.2	38.10	1.65
2"	152.4	76.2	50.80	1.65
2.1/2"	152.4	76.2	63.50	1.65
3"	165.2	82.6	76.20	1.65
4"	196.8	98.4	101.6	2.11
6"	254.0	127.0	152.4	2.77

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

3A Butt-welding Fittings

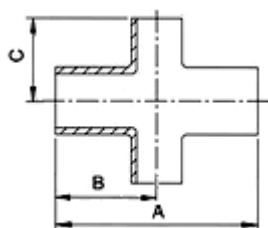
7RW Reducing Tee



SIZE	A	B	C
1" x 3/4"	114.4	57.2	50.8
1.1/2" x 3/4"	114.4	57.2	57.2
1.1/2" x 1"	114.4	57.2	54.0
2" x 1"	152.4	76.2	60.3
2" x 1.1/2"	152.4	76.2	63.5
2.1/2" x 1.1/2"	152.4	76.2	69.9
2.1/2" x 2"	152.4	76.2	82.6
3" x 1"	165.2	82.6	76.2
3" x 1.1/2"	165.2	82.6	76.2

SIZE	A	B	C
3" x 2"	165.2	82.6	88.9
3" x 2.1/2"	165.2	82.6	82.6
4" x 1.1/2"	196.8	98.4	101.6
4" x 2"	196.8	98.4	101.6
4" x 2.1/2"	196.8	98.4	95.3
4" x 3"	196.8	98.4	95.3
6" x 3"	254.0	127.0	152.4
6" x 4"	254.0	127.0	152.4

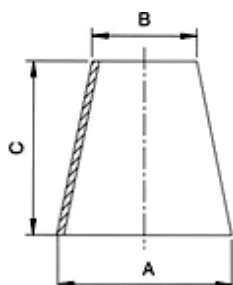
9RW Reducing Cross



SIZE	A	B	C
1" x 3/4"	114.4	57.2	50.8
1.1/2" x 3/4"	114.4	57.2	57.2
1.1/2" x 1"	114.4	57.2	54.0
2" x 1"	152.4	76.2	60.3
2" x 1.1/2"	152.4	76.2	63.5
2.1/2" x 1.1/2"	152.4	76.2	69.9
2.1/2" x 2"	152.4	76.2	82.6
3" x 1.1/2"	165.2	82.6	76.2

SIZE	A	B	C
3" x 2"	165.2	82.6	88.9
3" x 2.1/2"	165.2	82.6	82.6
4" x 2"	196.8	98.4	101.6
4" x 2.1/2"	196.8	98.4	95.3
4" x 3"	196.8	98.4	95.3
6" x 3"	254.0	127.0	152.4
6" x 4"	254.0	127.0	152.4

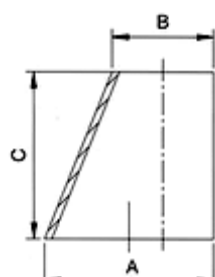
31W Concentric Reducer



SIZE	A	B	C
3/4" x 1/2"	19.0	12.7	25.4
1" x 1/2"	25.4	12.7	50.8
1" x 3/4"	25.4	19.0	25.4
1.1/2" x 1/2"	38.1	12.7	101.6
1.1/2" x 3/4"	38.1	19.0	76.2
1.1/2" x 1"	38.1	25.4	50.8
2" x 1"	50.8	25.4	101.6
2" x 1.1/2"	50.8	38.1	50.8
2.1/2" x 1.1/2"	63.5	38.1	101.6
2.1/2" x 2"	63.5	50.8	50.8
3" x 1"	76.2	25.4	203.2

SIZE	A	B	C
3" x 1.1/2"	76.2	38.1	152.4
3" x 2"	76.2	50.8	101.6
3" x 2.1/2"	76.2	63.5	50.8
4" x 1.1/2"	101.6	38.1	254.0
4" x 2"	101.6	50.8	203.2
4" x 2.1/2"	101.6	63.5	152.4
4" x 3"	101.6	76.2	101.6
6" x 2"	152.4	50.8	139.7
6" x 3"	152.4	76.2	139.7
6" x 4"	152.4	101.6	139.7

32W Eccentric Reducer



SIZE	A	B	C
3/4" x 1/2"	19.0	12.7	25.4
1" x 1/2"	25.4	12.7	50.8
1" x 3/4"	25.4	19.0	25.4
1.1/2" x 1/2"	38.1	12.7	101.6
1.1/2" x 3/4"	38.1	19.0	76.2
1.1/2" x 1"	38.1	25.4	50.8
2" x 1"	50.8	25.4	101.6
2" x 1.1/2"	50.8	38.1	50.8
2.1/2" x 1.1/2"	63.5	38.1	101.6
2.1/2" x 2"	63.5	50.8	50.8
3" x 1"	76.2	25.4	203.2

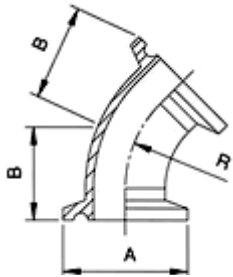
SIZE	A	B	C
3" x 1.1/2"	76.2	38.1	152.4
3" x 2"	76.2	50.8	101.6
3" x 2.1/2"	76.2	63.5	50.8
4" x 1.1/2"	101.6	38.1	254.0
4" x 2"	101.6	50.8	203.2
4" x 2.1/2"	101.6	63.5	152.4
4" x 3"	101.6	76.2	101.6
6" x 2"	152.4	50.8	139.7
6" x 3"	152.4	76.2	139.7
6" x 4"	152.4	101.6	139.7

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

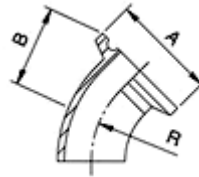
3A Clamp End Fittings

2KMP 45° Elbow Clamp End



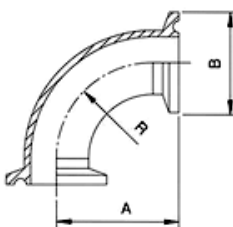
SIZE	A	B	R
1"	50.5	28.6	38.1
1.1/2"	50.5	36.5	57.2
2"	64.0	44.5	76.2
2.1/2"	77.5	52.4	95.3
3"	91.0	60.3	114.3
4"	119.0	79.4	152.4
6"	167.0	116.2	228.6

2KMW 45° Elbow One Clamp End



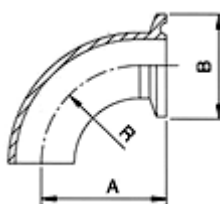
SIZE	A	B	R
1"	50.5	28.6	38.1
1.1/2"	50.5	36.5	57.2
2"	64.0	44.5	76.2
2.1/2"	77.5	52.4	95.3
3"	91.0	60.3	114.3
4"	119.0	79.4	152.4
6"	167.0	116.2	228.6

2CMP 90° Elbow Clamp End



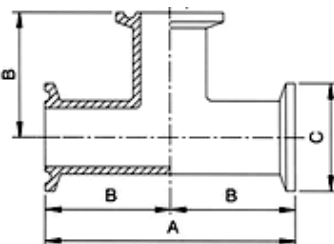
SIZE	A	B	R
1"	50.8	50.5	38.1
1.1/2"	69.9	50.5	57.2
2"	88.9	64.0	76.2
2.1/2"	108.0	77.5	95.3
3"	127.0	91.0	114.3
4"	168.3	119.0	152.4
6"	250.1	167.0	228.6

2CMW 90° Elbow One Clamp End



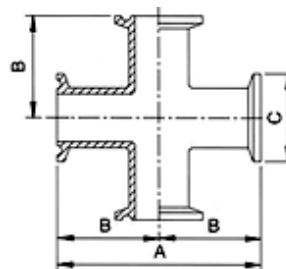
SIZE	A	C	R
1"	50.8	50.5	38.1
1.1/2"	69.9	50.5	57.2
2"	88.9	64.0	76.2
2.1/2"	108.0	77.5	95.3
3"	127.0	91.0	114.3
4"	168.3	119.0	152.4
6"	250.1	167.0	228.6

7MPS Equal Tee Clamp End



SIZE	A	B	C
1"	120.6	60.3	50.5
1.1/2"	139.8	69.9	50.5
2"	177.8	88.9	64.0
2.1/2"	177.8	88.9	77.5
3"	190.6	95.3	91.0
4"	228.6	114.3	119.0
6"	297.0	148.5	167.0

9MPS Equal Cross Clamp End



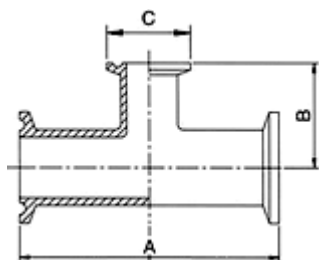
SIZE	A	B	C
1"	120.6	60.3	50.5
1.1/2"	139.8	69.9	50.5
2"	177.8	88.9	64.0
2.1/2"	177.8	88.9	77.5
3"	190.6	95.3	91.0
4"	228.6	114.3	119.0
6"	297.0	148.5	167.0

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

3A Clamp End Fittings

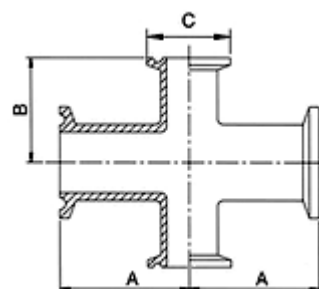
7RMPS Reducing Tee Clamp End



SIZE	A	B	C
1" x 3/4"	133.4	66.7	25.0
1.1/2" x 3/4"	146.0	73.0	25.0
1.1/2" x 1"	139.8	66.7	50.5
2" x 1"	177.8	66.7	50.5
2" x 1.1/2"	117.8	76.2	50.5
2.1/2" x 2"	177.8	95.3	64.0

SIZE	A	B	C
3" x 1.1/2"	190.6	88.9	50.5
3" x 2"	190.6	101.6	64.0
3" x 2.1/2"	190.6	95.3	77.5
4" x 2"	228.6	114.3	64.0
4" x 2.1/2"	228.6	104.8	77.5
4" x 3"	228.6	104.8	91.0

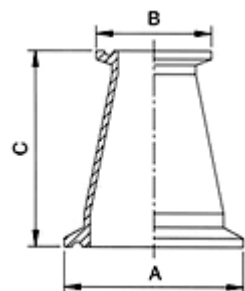
9RMPS Reducing Cross Clamp End



SIZE	A	B	C
1" x 3/4"	133.4	66.7	25.0
1.1/2" x 3/4"	146.0	73.0	25.0
1.1/2" x 1"	139.8	66.7	50.5
2" x 1"	177.8	66.7	50.5
2" x 1.1/2"	117.8	76.2	50.5
2.1/2" x 2"	177.8	95.3	64.0

SIZE	A	B	C
3" x 1.1/2"	190.6	88.9	50.5
3" x 2"	190.6	101.6	64.0
3" x 2.1/2"	190.6	95.3	77.5
4" x 2"	228.6	114.3	64.0
4" x 2.1/2"	228.6	104.8	77.5
4" x 3"	228.6	104.8	91.0

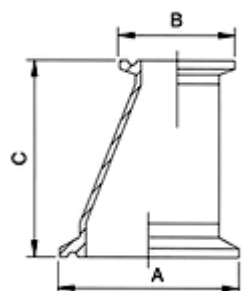
31-14MP Concentric Reducer Clamp End



SIZE	A	B	C
1" x 3/4"	50.5	25.0	50.8
1.1/2" x 3/4"	50.5	25.0	101.6
1.1/2" x 1"	50.5	50.5	76.2
2" x 1"	64.0	50.5	127.0
2" x 1.1/2"	64.0	50.5	76.2
2.1/2" x 1.1/2"	77.5	50.5	127.0
2.1/2" x 2"	77.5	64.0	76.2

SIZE	A	B	C
3" x 1.1/2"	91.0	50.5	177.8
3" x 2"	91.0	64.0	127.0
3" x 2.1/2"	91.0	77.5	76.2
4" x 2"	118.9	64.0	231.8
4" x 2.1/2"	118.9	77.5	181.0
4" x 3"	118.9	91.0	130.2
6" x 4"	166.8	118.9	189.8

32-14MP Eccentric Reducer Clamp End



SIZE	A	B	C
1" x 3/4"	50.5	25.0	50.8
1.1/2" x 3/4"	50.5	25.0	101.6
1.1/2" x 1"	50.5	50.5	76.2
2" x 1"	64.0	50.5	127.0
2" x 1.1/2"	64.0	50.5	76.2
2.1/2" x 1.1/2"	77.5	50.5	127.0
2.1/2" x 2"	77.5	64.0	76.2

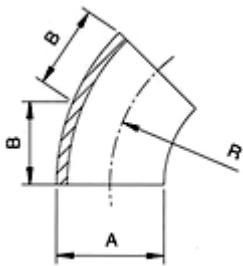
SIZE	A	B	C
3" x 1.1/2"	91.0	50.5	177.8
3" x 2"	91.0	64.0	127.0
3" x 2.1/2"	91.0	77.5	76.2
4" x 2"	118.9	64.0	231.8
4" x 2.1/2"	118.9	77.5	181.0
4" x 3"	118.9	91.0	130.2
6" x 4"	166.8	118.9	189.8

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

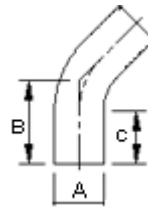
SMS Fittings

SMS 45° Short Elbow



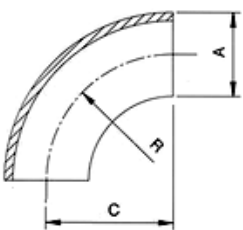
DN	A	B	Thickness	
25	25.0	15.5	1.3	1.5
38	38.0	23.6	1.3	1.5
51	51.0	31.7	1.3	1.5
63.5	63.5	39.5	1.5	1.5
76	76.1	47.3	1.6	2.0
104	104.0	63.0	2.0	2.0

SMS 45° Long Elbow



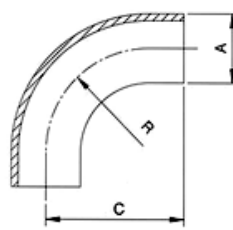
DN	A	B	C	Thickness	
25	25.0	42.5	22.4	1.3	1.5
38	38.0	56.6	35.1	1.3	1.5
51	51.0	68.7	47.8	1.3	1.5
63.5	63.5	78.5	60.5	1.5	1.5
76	76.1	85.3	72.1	1.6	2.0
104	104.0	103.0	97.6	2.0	2.0

SMS 90° Short Elbow



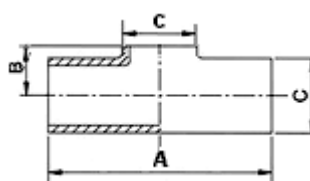
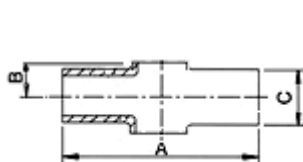
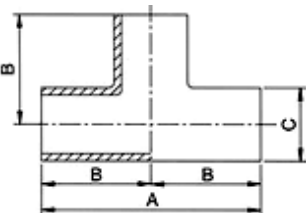
DN	A	C	Thickness	
25	25.0	37.5	1.3	1.5
38	38.0	57.0	1.3	1.5
51	51.0	76.5	1.3	1.5
63.5	63.5	95.3	1.5	1.5
76	76.1	114.2	1.6	2.0
104	104.0	152.1	2.0	2.0

SMS 90° Long Elbow



DN	A	C	Thickness	
25	25.0	52.5	1.3	1.5
38	38.0	72.0	1.3	1.5
51	51.0	91.5	1.3	1.5
63.5	63.5	113.3	1.5	1.5
76	76.1	132.2	1.6	2.0
104	104.0	176.0	2.0	2.0

SMS Tee With Straight-End / Cross Without Straight-End / Tee Without Straight-End



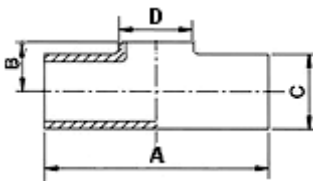
DN	A	B	C	Thickness	
25	110.0	55.0	25.0	1.3	1.5
38	140.0	70.0	38.0	1.3	1.5
51	164.0	81.0	51.0	1.3	1.5
63.5	210.0	105.0	63.5	1.5	1.5
76	220.0	110.0	76.1	1.6	2.0
104	300.0	150.0	104.0	2.0	2.0

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

SMS Fittings

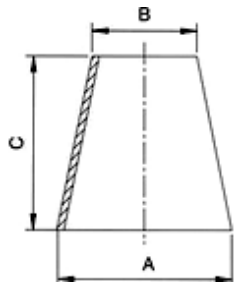
SMS Reducing Tee Without Straight-End



DN	A	B	C	D	Thickness	
38 x 25	140.0	21.0	38.0	25.0	1.3	1.5
51 x 25	164.0	29.0	51.0	25.0	1.3	1.5
51 x 38	164.0	29.0	51.0	38.0	1.3	1.5
63.5 x 25	210.0	36.0	63.5	25.0	1.5	1.5
63.5 x 38	210.0	36.0	63.5	38.0	1.5	1.5
63.5 x 51	210.0	36.0	63.5	51.0	1.5	1.5
76.1 x 25	220.0	44.0	76.1	25.0	1.6	2.0
76.1 x 38	220.0	44.0	76.1	38.0	1.6	2.0

DN	A	B	C	D	Thickness	
76.1 x 51	220.0	44.0	76.1	51.0	1.6	2.0
76.1 x 63.5	220.0	44.0	76.1	63.5	1.6	2.0
104 x 25	300.0	58.0	104.0	25.0	2.0	2.0
104 x 38	300.0	58.0	104.0	38.0	2.0	2.0
104 x 51	300.0	58.0	104.0	51.0	2.0	2.0
104 x 63.5	300.0	58.0	104.0	63.5	2.0	2.0
104 x 76.1	300.0	58.0	104.0	76.1	2.0	2.0

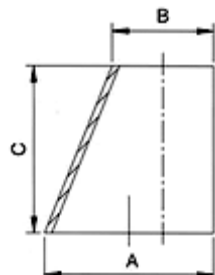
SMS Concentric Reducer



SIZE	A	B	C	Thickness	
38 x 25	38.0	25.0	39.0	46.0	1.3 1.5
51 x 25	51.0	25.0	57.0	68.0	1.3 1.5
51 x 38	51.0	38.0	39.0	47.0	1.3 1.5
63.5 x 25	63.5	25.0	74.0	92.0	1.3 1.5
63.5 x 38	63.5	38.0	57.0	70.0	1.3 1.5
63.5 x 51	63.5	51.0	39.0	44.0	1.3 1.5
76.1 x 25	76.1	25.0	92.0		1.3 1.5

SIZE	A	B	C	Thickness	
76.1 x 38	76.1	38.0	74.0	92.0	1.3 1.5
76.1 x 51	76.1	51.0	57.0	68.0	1.3 1.5
76.1 x 63.5	76.1	63.5	39.0	47.0	1.5 1.5
104 x 51	104.0	51.0	95.0	117.0	1.3 1.5
104 x 63.5	104.0	63.5	78.0	94.0	1.5 1.5
104 x 76.1	104.0	76.1	60.0	74.0	1.6 2.0

SMS Eccentric Reducer



SIZE	A	B	C	Thickness	
38 x 25	38.0	25.0	39.0	46.0	1.3 1.5
51 x 25	51.0	25.0	57.0	68.0	1.3 1.5
51 x 38	51.0	38.0	39.0	47.0	1.3 1.5
63.5 x 25	63.5	25.0	74.0	92.0	1.3 1.5
63.5 x 38	63.5	38.0	57.0	70.0	1.3 1.5
63.5 x 51	63.5	51.0	39.0	44.0	1.3 1.5
76.1 x 25	76.1	25.0	92.0		1.3 1.5

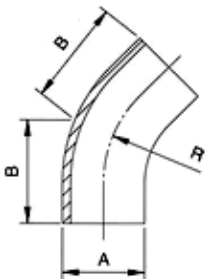
SIZE	A	B	C	Thickness	
76.1 x 38	76.1	38.0	74.0	92.0	1.3 1.5
76.1 x 51	76.1	51.0	57.0	68.0	1.3 1.5
76.1 x 63.5	76.1	63.5	39.0	47.0	1.5 1.5
104 x 51	104.0	51.0	95.0	117.0	1.3 1.5
104 x 63.5	104.0	63.5	78.0	94.0	1.5 1.5
104 x 76.1	104.0	76.1	60.0	74.0	1.6 2.0

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

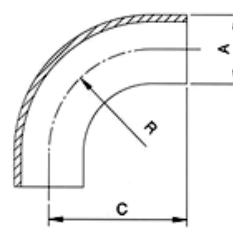
DIN Fittings

DIN 45° Long Elbow



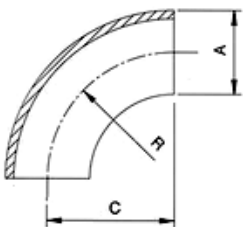
SIZE	A	B	R	T
DN25	28.0	20.0	20.0	1.5
DN32	34.0	23.0	23.0	1.5
DN40	40.0	20.0	20.0	1.5
DN50	52.0	27.0	27.0	1.5
DN65	70.0	30.0	30.0	2.0
DN80	85.0	33.0	33.0	2.0
DN100	104.0	40.0	40.0	2.0

DIN 90° Long Elbow



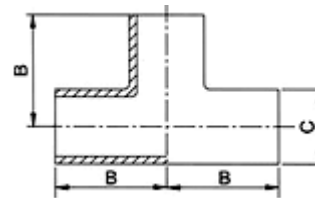
SIZE	A	C	R	T
DN25	28.0	65.0	50.0	1.5
DN32	34.0	73.0	55.0	1.5
DN40	40.0	80.0	60.0	1.5
DN50	52.0	92.0	70.0	1.5
DN65	70.0	105.0	80.0	2.0
DN80	85.0	119.0	90.0	2.0
DN100	101.6	175.0	133.0	2.0
DN100	104.0	140.0	100.0	2.0

DIN 90° Short Elbow



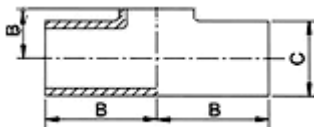
SIZE	A	C	R	T
DN25	28.0	50.0	50.0	1.5
DN32	34.0	55.0	55.0	1.5
DN40	40.0	60.0	60.0	1.5
DN50	52.0	70.0	70.0	1.5
DN65	70.0	80.0	80.0	2.0
DN80	85.0	90.0	90.0	2.0
DN100	101.6	133.0	133.0	2.0
DN100	104.0	100.0	100.0	2.0

DIN Equal Tee



SIZE	B	C	T
DN20	47.0	22.0	1.5
DN25	50.0	28.0	1.5
DN32	55.0	34.0	1.5
DN40	60.0	40.0	1.5
DN50	70.0	52.0	1.5
DN65	80.0	70.0	2.0
DN80	90.0	85.0	2.0
DN100	150.0	101.6	2.0
DN100	100.0	104.0	2.0

DIN Pull Tee



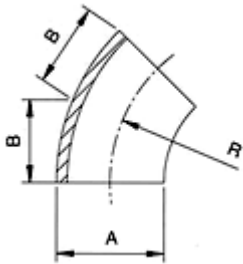
SIZE	B	C	T
DN20	47.0	22.0	1.5
DN25	50.0	28.0	1.5
DN32	55.0	34.0	1.5
DN40	60.0	40.0	1.5
DN50	70.0	52.0	1.5
DN65	80.0	70.0	2.0
DN80	90.0	85.0	2.0
DN100	150.0	101.6	2.0
DN100	100.0	104.0	2.0

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

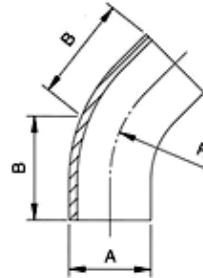
BS Fittings

BS 45° Short Elbow



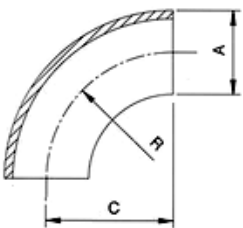
SIZE	A	B	Thickness
1.0"	25.4	15.8	1.7
1.5"	38.1	23.8	1.7
2.0"	50.8	31.8	1.7
2.5"	63.5	39.6	1.7
3.0"	76.2	47.6	1.7
4.0"	101.6	63.5	2.1

BS 45° Long Elbow



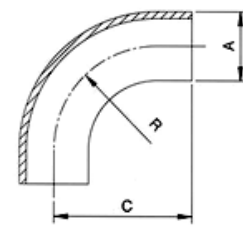
SIZE	A	B	Thickness
1.0"	25.4	30.2	1.7
1.5"	38.1	41.3	1.7
2.0"	50.8	58.7	1.7
2.5"	63.5	76.2	1.7
3.0"	76.2	93.7	1.7
4.0"	101.6	122.2	2.1

BS 90° Short Elbow



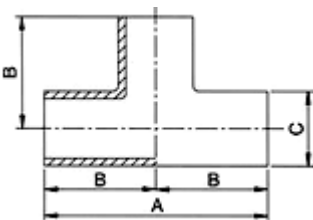
SIZE	A	C	Thickness
1.0"	25.4	43.5	1.7
1.5"	38.1	63.5	1.7
2.0"	50.8	88.5	1.7
2.5"	63.5	113.5	1.7
3.0"	76.2	133.5	1.7
4.0"	101.6	173.5	2.1

BS 90° Long Elbow



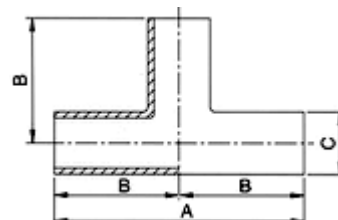
SIZE	A	C	Thickness
1.0"	25.4	65.0	1.7
1.5"	38.1	85.0	1.7
2.0"	50.8	110.0	1.7
2.5"	63.5	135.0	1.7
3.0"	76.2	155.0	1.7
4.0"	101.6	195.0	2.1

BS Welding Short Tee



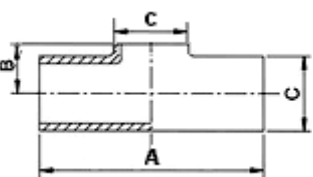
SIZE	A	B	C	T
1.0"	87.0	43.5	25.4	1.7
1.5"	127.0	63.5	38.1	1.7
2.0"	177.0	88.5	50.8	1.7
2.5"	227.0	113.5	63.5	1.7
3.0"	267.0	133.5	76.2	1.7
4.0"	347.0	173.5	101.6	2.1

BS Welding Long Tee



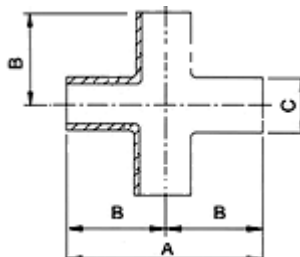
SIZE	A	B	C	T
1.0"	130.0	65.0	25.4	1.7
1.5"	170.0	85.0	38.1	1.7
2.0"	220.0	110.0	50.8	1.7
2.5"	270.0	135.0	63.5	1.7
3.0"	310.0	155.0	76.2	1.7
4.0"	390.0	195.0	101.6	2.1

BS Tee Without Straight-End



SIZE	A	B	C	T
1.0"	87.0	14.2	25.4	1.7
1.5"	127.0	21.6	38.1	1.7
2.0"	177.0	29.1	50.8	1.7
2.5"	227.0	35.3	63.5	1.7
3.0"	267.0	41.4	76.2	1.7
4.0"	347.0	54.7	101.6	2.1

BS Long Cross



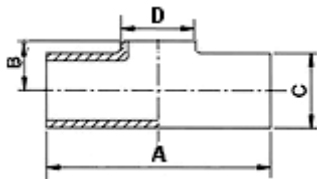
SIZE	A	B	C	T
1.0"	130.0	65.0	25.4	1.7
1.5"	170.0	85.0	38.1	1.7
2.0"	220.0	110.0	50.8	1.7
2.5"	270.0	135.0	63.5	1.7
3.0"	310.0	155.0	76.2	1.7
4.0"	390.0	195.0	101.6	2.1

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

BS Fittings

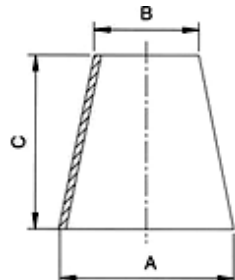
BS Reducing Tee Without Straight-End



SIZE	A	B	C	D	T
1.5" x 1.0"	127.0	22.0	38.1	25.4	1.7
2.0" x 1.0"	177.0	29.0	50.8	25.4	1.7
2.0" x 1.5"	177.0	29.0	50.8	38.1	1.7
2.5" x 1.0"	227.0	35.0	63.5	25.4	1.7
2.5" x 1.5"	227.0	35.0	63.5	38.1	1.7
2.5" x 2.0"	227.0	35.0	63.5	50.8	1.7
3.0" x 1.0"	264.0	41.0	76.2	25.4	1.7

SIZE	A	B	C	D	T
3.0" x 1.5"	258.0	41.0	76.2	38.1	1.7
3.0" x 2.0"	244.0	41.0	76.2	50.8	1.7
3.0" x 2.5"	244.0	41.0	76.2	63.5	1.7
4.0" x 2.0"	347.0	55.0	101.6	50.8	2.1
4.0" x 2.5"	347.0	55.0	101.6	63.5	2.1
4.0" x 3.0"	347.0	55.0	101.6	76.2	2.1

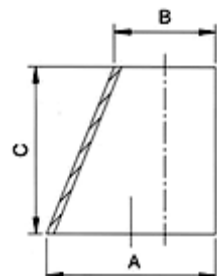
BS Concentric Reducer



SIZE	A	B	C	T
1.5" x 1.0"	38.1	25.4	29.0	1.7
2.0" x 1.0"	50.8	25.4	53.0	1.7
2.0" x 1.5"	50.8	38.1	41.0	1.7
2.5" x 1.0"	63.5	25.4	82.0	1.7
2.5" x 1.5"	63.5	38.1	64.0	1.7
2.5" x 2.0"	63.5	50.8	40.0	1.7
3.0" x 1.0"	76.2	25.4	110.0	1.7

SIZE	A	B	C	T
3.0" x 1.5"	76.2	38.1	81.0	1.7
3.0" x 2.0"	76.2	50.8	55.0	1.7
3.0" x 2.5"	76.2	63.5	41.0	1.7
4.0" x 1.5"	101.6	38.1	135.0	2.1
4.0" x 2.0"	101.6	50.8	106.0	2.1
4.0" x 2.5"	101.6	63.5	76.0	2.1
4.0" x 3.0"	101.6	76.2	53.0	2.1

BS Eccentric Reducer



SIZE	A	B	C	T
1.5" x 1.0"	38.1	25.4	35.0	1.7
2.0" x 1.0"	50.8	25.4	54.0	1.7
2.0" x 1.5"	50.8	38.1	36.0	1.7
2.5" x 1.0"	63.5	25.4	76.0	1.7
2.5" x 1.5"	63.5	38.1	66.0	1.7
2.5" x 2.0"	63.5	50.8	35.0	1.7
3.0" x 1.0"	76.2	25.4	112.0	1.7

SIZE	A	B	C	T
3.0" x 1.5"	76.2	38.1	78.0	1.7
3.0" x 2.0"	76.2	50.8	66.0	1.7
3.0" x 2.5"	76.2	63.5	44.0	1.7
4.0" x 1.5"	101.6	38.1	122.0	2.1
4.0" x 2.0"	101.6	50.8	97.0	2.1
4.0" x 2.5"	101.6	63.5	73.0	2.1
4.0" x 3.0"	101.6	76.2	77.0	2.1

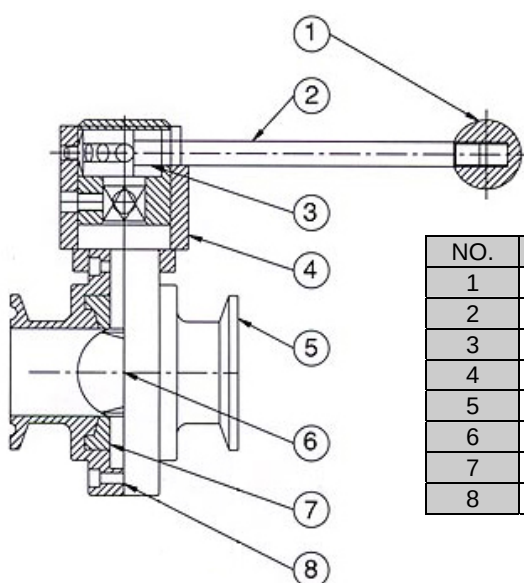
SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

Butterfly Valve and Actuator for Butterfly Valve

Features

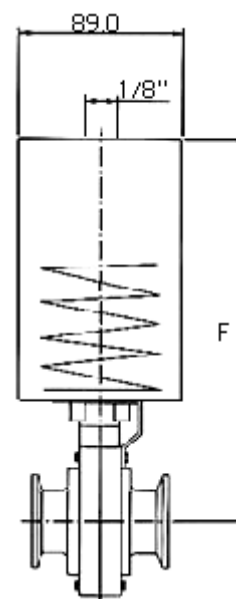
1. Connection : Clamp, butt-weld, male part
2. Pressure : 1"~4" 145PSI at 68°F
3. Temperature Range : -15°F to 200°F (-10°C to 95°C)
4. Pressure : 5.5 Bar air to spring, full open and close



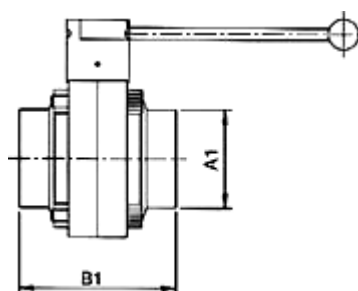
NO.	PART NAME	MATERIAL
1	KNOB	PLASTIC
2	SHAFT-BAR	SS304
3	SPRING	SS304
4	HOLDER	SS304
5	BODY	SS304, 316, 316L
6	DISC	SS304, 316, 316L
7	GASKET	SILICON, EPDM
8	BOLT	SS304



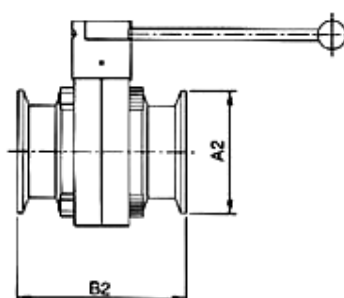
Actuator



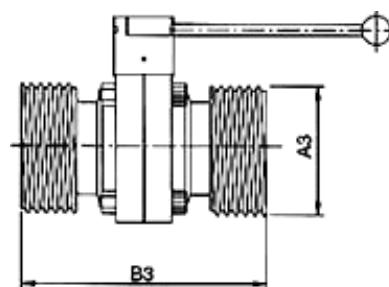
Welded Type



Clamp Type



Male Part Type



Size	Welded Type		Clamp Type		Male Part Type		Actuator
	A1	B1	A2	B2	A3	B3	F
1"	25.4	47	50.4	80	37.13	122.24	223.0
1-1/2"	38.1	47	50.4	80	50.65	134.94	238.0
2"	50.8	52	63.9	80	64.17	163.51	245.0
2-1/2"	63.5	54	77.4	80	77.67	174.63	247.0
3"	76.2	62	90.9	90	91.19	195.26	254.0
4"	101.6	80	118.9	100	119.25	228.60	271.0

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELGROW INDUSTRIES CORP.

Sanitary Ball Valves, Full Port, 1000PSI, 1/2"~4"

Features

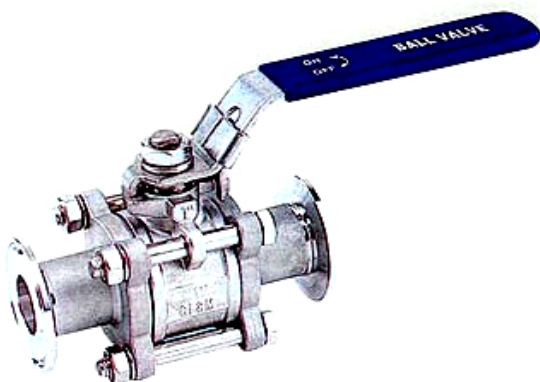
1. Bore sizes same as Tube I.D. for completely self draining.
2. 240 Grit, highly polished internals keep material flowing.
3. Teflon encapsulated seats maintain sanitary environment.

4. 100% air tested under water at 100PSI, open and closed positions.
5. Blow-out proof stem design.

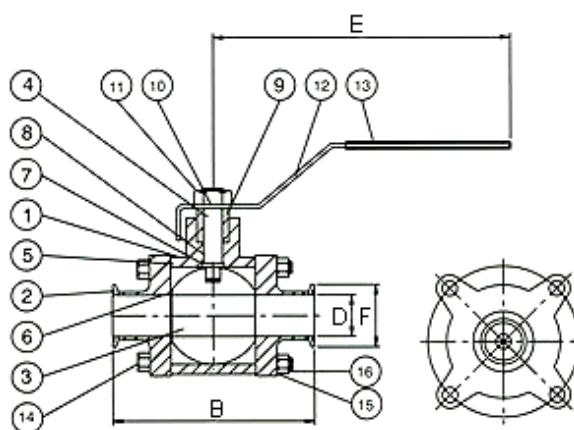
Options

1. Locking device available

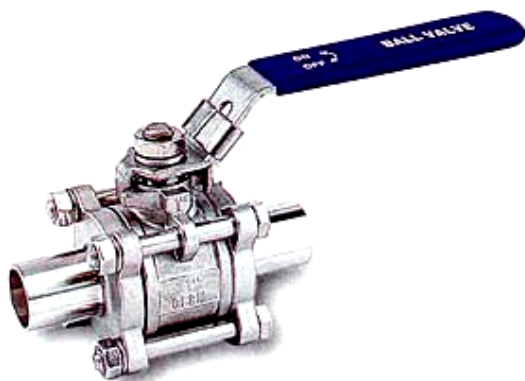
Clamp End



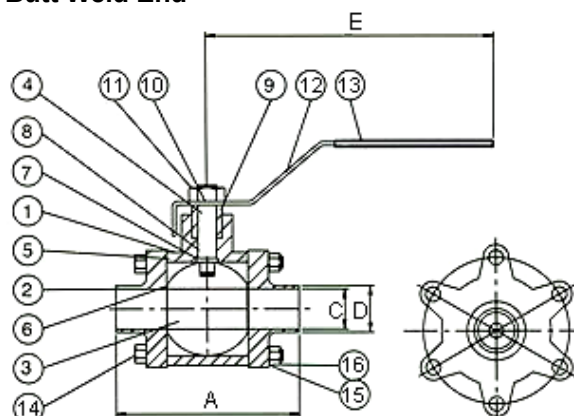
Clamp End



Butt Weld End



Butt Weld End



NO.	PART NAME	MATERIAL
1	BODY	CF8M
2	END CAP	CF8M
3	BALL	SS316
4	STEM	SS316
5	BODY SEAL	PTFE
6	SEAT/ CAVITY FILLER	PTFE
7	STEM SEAL	PTFE
8	STEM PACKING	PTFE

NO.	PART NAME	MATERIAL
9	GLAND NUT	SS304
10	STEM WASHER	SS304
11	STEM NUT	SS304
12	HANDLE	SS304
13	HANDLE COVER	PLASTIC
14	BOLT	SS304
15	WASHER	SS304
16	BOLT NUT	SS304

SIZE	A	B	C	D	E	F
1/2"	89	89	12.7	9.5	133	25
3/4"	101	101	19.1	15.9	133	25
1"	114	114	25.4	22.1	153	50.4
1-1/2"	140	140	38.1	34.8	190	50.4
2"	156	156	50.8	47.5	190	63.9
2-1/2"	197	197	63.5	60.2	247	77.4
3"	229	229	76.2	72.9	247	90.9
4"	241	241	101.6	97.4	295	118.9

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

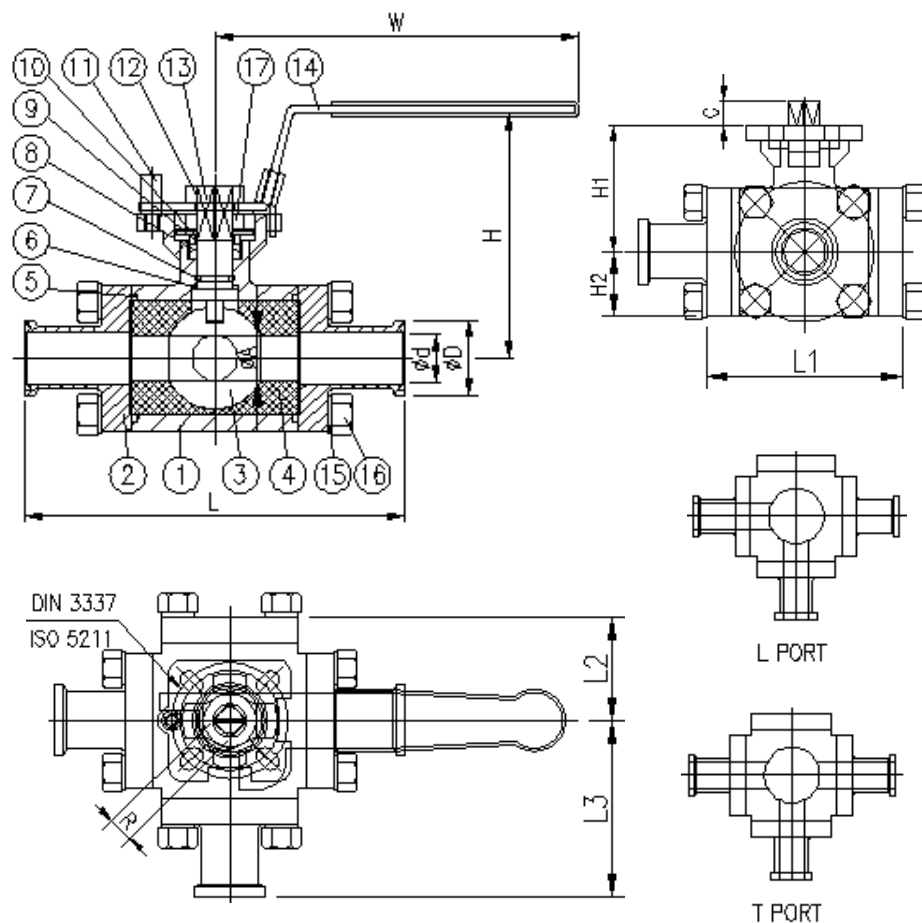
3-Way Sanitary Ball Valves, 1000WOG, L-Port/ T-Port, Direct Mount, 1/2"~2"

Features

1. Blow-out proof stem/ solid ball.
2. Investment cast stainless steel CF8M or CF3M.
3. Ball and end polished rate 20RA.
4. Full cavity filled PTFE seats.
5. Size: 1/2"~2"

Options

1. Locking device available
2. Butt-welding end available



Material List

NO.	PART NAME	MATERIAL	
1	BODY	A351-CF8M	CF3M
2	CAP	A351-CF8M	CF3M
3	BALL	A351-CF8M	CF3M
4	SEAT	PTFE	TEM-1600
5	GASKET	PTFE	PTFE
6	THRUST WASHER	PTFE	PTFE
7	O-RING	VITON	VITON
8	STEM PACKING	PTFE	PTFE
9	RING	AISI 316	AISI 304
10	BEVEL WASHER	AISI 301	AISI 301
11	STOP PIN	AISI 316	AISI 316
12	NUT	AISI 304	AISI 304
13	STEM	AISI 316	AISI 316
14	HANDLE	AISI 304	AISI 304
15	SPRING WASHER	AISI 304	AISI 304
16	BOLT	AISI 304	AISI 304
17	PREVALING	PVEICE	AISI 304

Dimension

SIZE	DN	ISO-5211	ØA	W	H	H1	C	L	Ød	ØD	L1	L2	L3	H2	R		TOQUE IN/LBS
1/2"	15	F03/F04	9.5	121	78	44.5	9	118	9.5	25.4	70	35	59	23.5	9	M12*1.75	79
3/4"	20	F03/F04	15	121	82	48	9	127	15.8	25.4	77	38.5	63.5	26	9	M12*1.75	85
1"	25	F04/F05	20	137	90	59	11	152.4	22.2	50.4	86	43	76.2	30.5	11	M14*P2	110
1-1/2"	40	F05/F07	32	182	110	72	14	175	35.0	50.4	111	55.5	87.5	40	14	M18*P2.5	290
2"	50	F05/F07	40	182	114.7	82	14	190	47.6	63.9	124	62	95	50	14	M18*P2.5	680

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

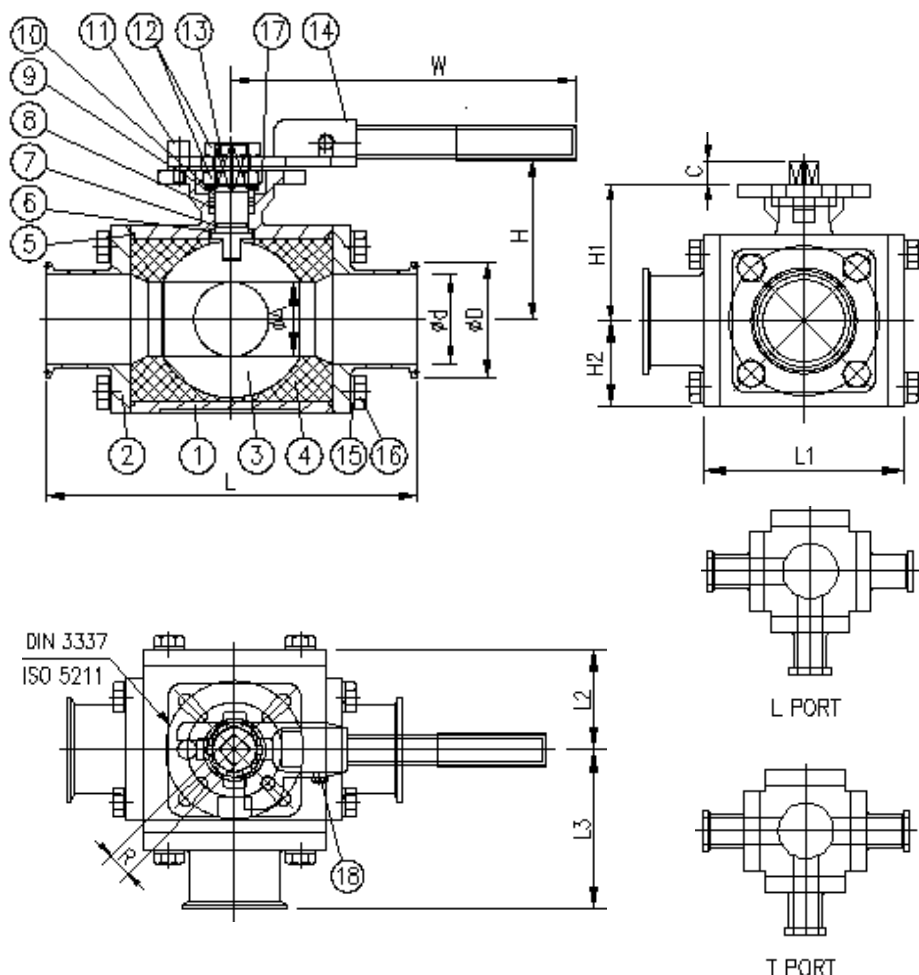
3-Way Sanitary Ball Valves, 1000WOG, L-Port/ T-Port, Direct Mount, 2-1/2"~4"

Features

1. Blow-out proof stem/ solid ball.
2. Investment cast stainless steel CF8M or CF3M.
3. Ball and end polished rate 20RA.
4. Full cavity filled PTFE seats.
5. Size: 2-1/2"~4"

Options

1. Locking device available
2. Butt-welding end available



Material List

NO.	PART NAME	MATERIAL	
1	BODY	A351-CF8M	A351-CF3M
2	CAP	A351-CF8M	A351-CF3M
3	BALL	A351-CF8M	A351-CF3M
4	SEAT	PTFE	TEM-1600
5	GASKET	PTFE	PTFE
6	THRUST WASHER	PTFE	PTFE
7	O-RING	VITON	VITON
8	STEM PACKING	PTFE	PTFE
9	RING	AISI 316	AISI 304
10	BEVEL WASHER	AISI 301	AISI 301
11	STOP PIN	AISI 316	AISI 316
12	NUT	AISI 304	AISI 304
13	STEM	AISI 316	AISI 316
14	HANDLE	AISI 304	AISI 304
15	SPRING WASHER	AISI 304	AISI 304
16	BOLT	AISI 304	AISI 304
17	PREVALING DEVICE	PVEICE	AISI 304
18	NUT	AISI 304	AISI 304

Dimension

SIZE	DN	ISO-5211	ØA	W	H	H1	C	L	Ød	ØD	L1	L2	L3	H2	R		TOQUE IN/LBS
2-1/2"	65	F07/F10	50.0	370	108	100	17	228	60.2	77.5	125	62.5	107	61	17	M22*P2.5	1287
3"	80	F10/F12	65.3	400	134	125.5	23	260	73.0	90.9	151	75.5	122	74	22	1-1/8"12UNF	1770
4"	100	F10/F12	80.0	400	156	135.5	23	318	97.4	118.9	190	80.5	144.5	62.5	22	1-1/8"12UNF	2035

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

Check Valves

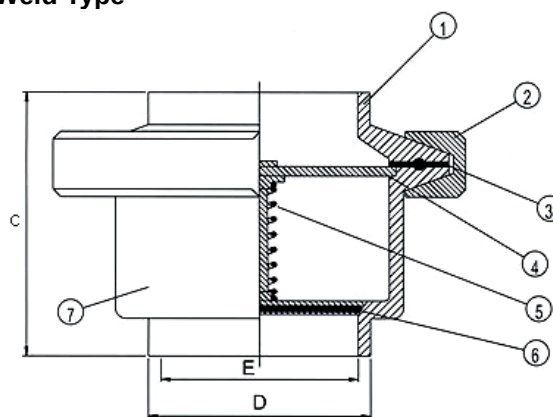
Features

1. Body, Stem, Disk: SS304, SS316, SS316L available.
2. Fully precision machined and polished.
3. Angle design to keep low friction and easy for open & close.
4. Middle with clamp or Flange design for easy maintenance and clean.
5. Spring: Stainless steel sanitary both ends design.
6. O-ring & seal ring: EPDM, silicone, viton or PTFE available.
7. Work pressure: Open by 0.45 bar
Max work: 10 bar.
8. Work Temperature: -20°C~120°C.
9. Ends: Weld, clamp, and male ends.
10. Fit for: Food, Pharmaceutical and I.C industry.

Weld Type



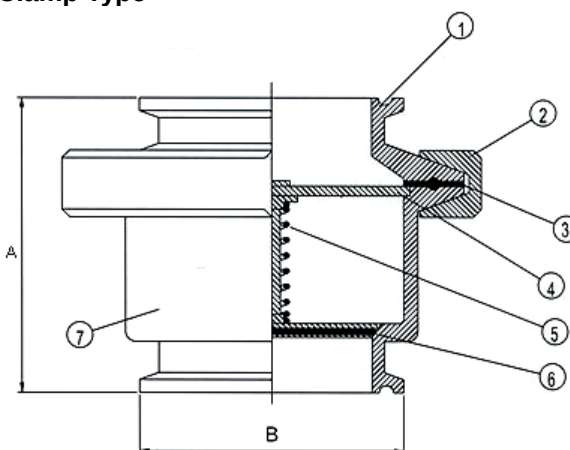
Weld Type



Clamp Type



Clamp Type



NO.	PART NAME	MATERIAL
1	OUTLET	SS304/ SS316/ SS316L
2	CLAMP	SS304
3	GASKET	VITON/ EPDM/ SILICONE
4	PLATE	SS304/ SS316/ SS316L
5	SPRING	SS304/ SS316
6	SEAL	VITON/ EPDM/ SILICONE
7	INLET	SS304/ SS316/ SS316L

SIZE	A	B	C	D	E
1"	87.4	50.5	62.0	25.4	22.2
1-1/2"	94.0	50.5	68.6	38.1	34.8
2"	95.5	64.0	70.1	50.8	47.5
2-1/2"	100.1	77.5	74.6	63.5	60.2
3"	106.4	91.0	81.0	76.2	72.9
4"	132.8	119.0	101.0	101.6	97.4

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

Sight Glass

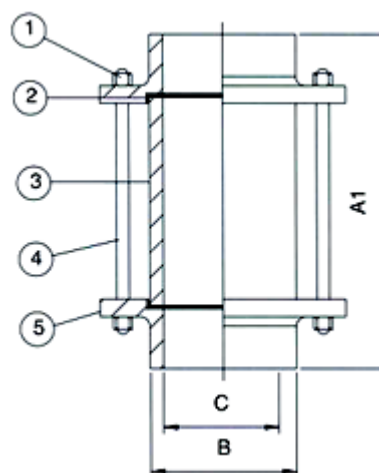
Features

1. Glass: High pressure clean glass. Max work: 10 bar.
2. Body: SS304, SS316, SS316L
3. Screw Bolt: Stainless steel
4. Seal: EPDM, silicone or viton available.
5. End Connection: 3A, BS, DIN, SMS, RJT, IDF, Weld, Male & Clamp ends.

Weld Type



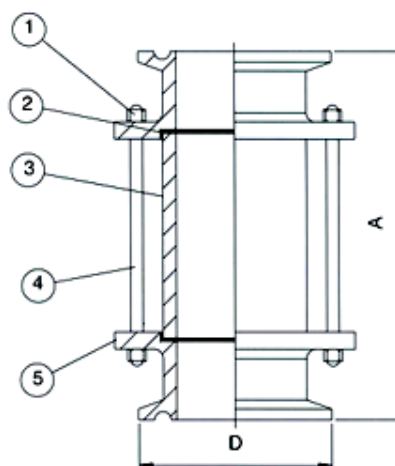
Weld Type



Clamp Type



Clamp Type



NO.	PART NAME	MATERIAL
1	SCREW NUT	SS304
2	SEAL	VITON/ EPDM/ SILICON
3	GLASS	NON-TOXIC
4	SCREW BOLT	SS304
5	BODY	SS304/ SS316/ SS316L

SIZE	A	A1	B	C	D
1"	146.1	120.7	25.4	22.2	50.5
1-1/2"	146.1	120.7	38.1	34.8	50.5
2"	146.1	120.7	50.8	47.5	64.0
2-1/2"	184.2	158.8	63.5	60.2	77.5
3"	184.2	158.8	76.2	72.9	91.0
4"	190.6	158.8	101.6	97.4	119.0

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

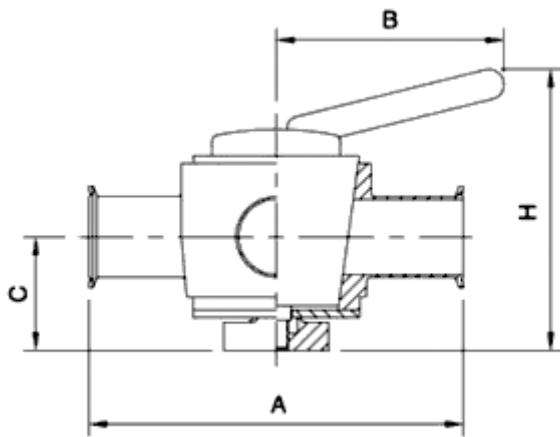
2 Way and 3 Way Plug Valves

Features

1. Material: SS316 stainless steel
2. Butt-weld and clamp-end available.
3. Plugs are available in rubber or stainless steel.
4. Pressure: 25PSI maximum
5. Temperature: Below 100°F
6. For use with non-hazardous products.

America Type

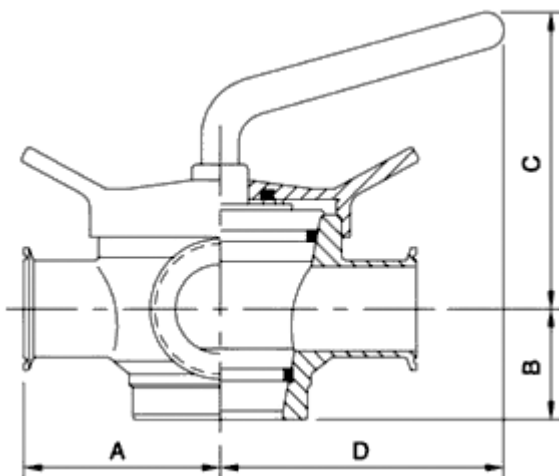
2 Way and 3 Way Butt-Weld/ Clamp-End Plug Valve



SIZE (Tube O.D.)	Weld A	Clamp A	B	C	H
1"	184.2	115.9	117.0	58.3	128.4
1.5"	198.4	147.6	142.7	61.0	164.4
2"	223.8	173.0	144.2	72.4	178.0
2.5"	260.4	209.6	150.6	86.2	223.4
3"	290.5	239.7	180.7	90.6	241.4

Europe Type

2 Way and 3 Way Plug Valve for Male/ Female/ Clamp Ends



SIZE (Tube O.D.)	A M/M	A Flanged	B	C	D
1"	60	84	29	125	102
1.5"	79	115	45	129	152
2"	89	135	51	150	165
2.5"	105	158	57	170	191
3"	114	168	64	186	203

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

Sanitary Divert Valve Auto Control

Caution, opening/closing time:

1. Opening/ closing time will be effected by the following:
2. The air supply (air pressure).
3. The length and dimensions of the air hose.
4. Number of valves connected to same air hose.
5. Use of single solenoid valve for serial connected air actuator functions.
6. Product pressure.

Air connections:

Compressed air:

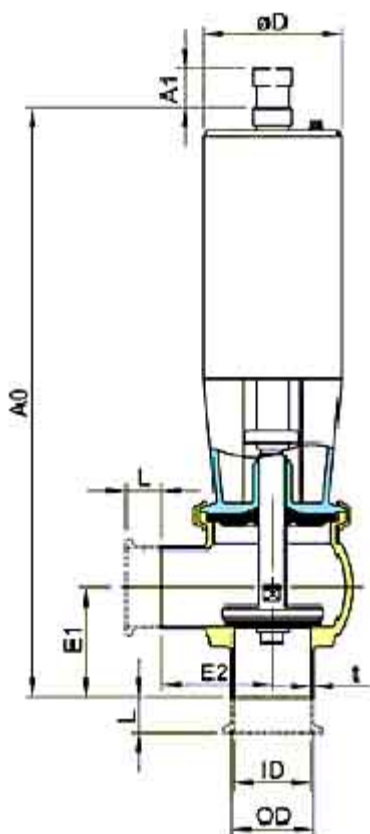
1. R1/8"(BSP), internal thread.

Technical data:

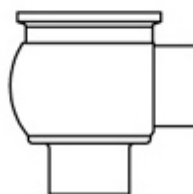
1. Max. product pressure(depending on valve specifications): 1000kpa(10bar).
2. Min. product pressure: Full vacuum.
3. Temperature range: -10°C to + 140°C(EPDM).
3. Air pressure: 5 to 7 bar.

Materials:

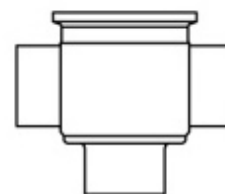
1. Product wetted steel parts: steel AISI 316L.
2. Finish: Semi bright.
3. Other steel parts: Stainless steel AISI 304.
4. Plug stem: AISI 316L with hard chrome planted stem surface.
5. Product wetted seals: EPDM rubber.
6. Other seals: NBR.



Valve body combination



L



T

SIZE	25.4 mm	38.1 mm	50.8 mm	63.5 mm	76.1 mm	101.6 mm
ID	22.1	34.7	47.5	60.2	72.9	97.6
OD	25.4	38.1	50.8	63.5	76.1	101.6
A0	202	287	361	385	453	481
A1	14	25	25	25	32	32
A2	258	426	454	493	581	630
A3	14	25	25	25	32	32
ØD	60	87	87	87	133	133
E1	50.5	60	68.5	79	103.5	103.5
E2	50.5	68.5	68.5	82	103.5	103.5
t	1.65	1.65	1.65	1.65	1.65	2
L/CLAMP	21.5	21.5	21.5	21.5	21.5	21.5
L/SMS male	19	23	23	27	27	30
L/IDF male	21.5	21.5	21.5	21.5	21.5	30
L/RJT male	21.5	21.5	21.5	21.5	21.5	30

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

Sanitary Divert Valve Auto Control

Caution, opening/closing time:

1. Opening/ closing time will be effected by the following:
2. The air supply (air pressure).
3. The length and dimensions of the air hose.
4. Number of valves connected to same air hose.
5. Use of single solenoid valve for serial connected air actuator functions.
6. Product pressure.

Air connections:

Compressed air:

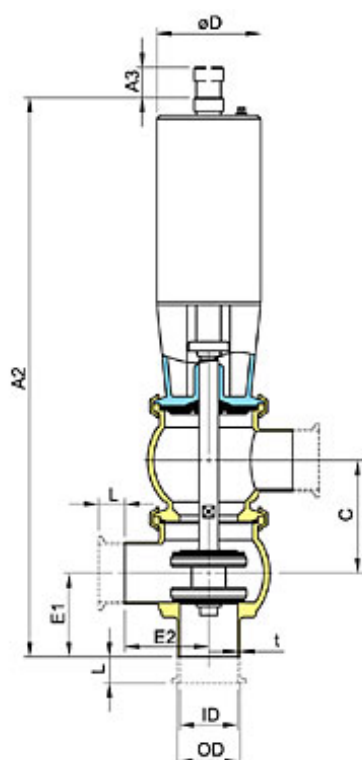
2. R1/8"(BSP), internal thread.

Technical data:

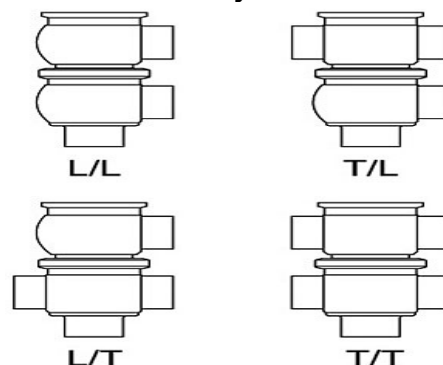
1. Max. product pressure(depending on valve specifications): 1000kpa(10bar).
2. Min. product pressure: Full vacuum.
3. Temperature range: -10°C to + 140°C (EPDM).
3. Air pressure: 5 to 7 bar.

Materials:

1. Product wetted steel parts: steel AISI 316L.
2. Finish: Semi bright.
3. Other steel parts: Stainless steel AISI 304.
4. Plug stem: AISI 316L with hard chrome planted stem surface.
5. Product wetted seals: EPDM rubber.
6. Other seals: NBR.



Valve body combination



SIZE	25.4 mm	38.1 mm	50.8 mm	63.5 mm	76.1 mm	101.6 mm
ID	22.1	34.7	47.5	60.2	72.9	97.6
OD	25.4	38.1	50.8	63.5	76.1	101.6
A0	202	287	361	385	453	481
A1	14	25	25	25	32	32
A2	258	426	454	493	581	630
A3	14	25	25	25	32	32
ØD	60	87	87	87	133	133
C	55.6	80	92	108	125	148
E1	50.5	60	68.5	79	103.5	103.5
E2	50.5	68.5	68.5	82	103.5	103.5
t	1.65	1.65	1.65	1.65	1.65	2
L/CLAMP	21.5	21.5	21.5	21.5	21.5	21.5
L/SMS male	19	23	23	27	27	30
L/IDF male	21.5	21.5	21.5	21.5	21.5	30
L/RJT male	21.5	21.5	21.5	21.5	21.5	30

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

Sanitary Divert Valve Manual

Materials:

1. Product wetted steel parts: steel AISI 316L.
2. Other steel parts: AISI 304.
3. Plug stem: AISI 316L with chrome plated surface.
3. Product wetted seals: EPDM.
4. Other seals: NBR and FPM.
5. Finish: Semi bright.

Technical data:

1. Max. product pressure: 1000kpa(10bar).
2. Min. product pressure: Full vacuum.
3. Temperature range: -10°C to + 140°C (EPDM).

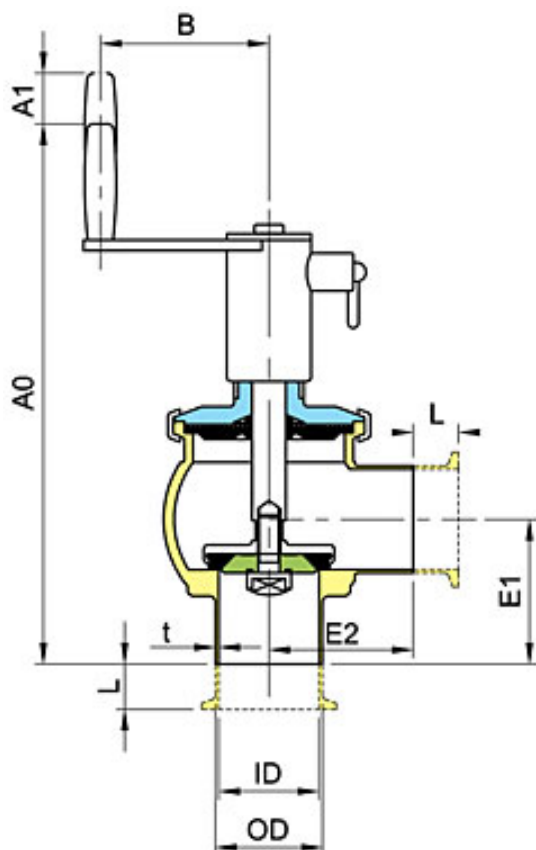
Options:

Equipment:

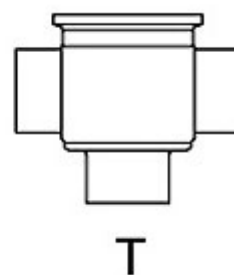
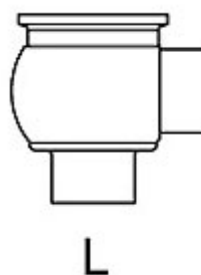
1. Male parts or clamp liners in accordance with required standard.
2. Stainless steel disk replacing standard lip seal.

Materials grades:

1. Product wetted seal and lip seal of NBR, Fluorinated rubber (FPM) or PTFE.



Valve body combination



SIZE	25.4 mm	38.1 mm	50.8 mm	63.5 mm	76.1 mm	101.6 mm
ID	22.1	34.7	47.5	60.2	72.9	97.6
OD	25.4	38.1	50.8	63.5	76.1	101.6
A0	147	241	256	297	326	336.5
A1	15	25	25	25	32	32
A2	202	321	348	404	453	453
A3	15	26	25	25	32	32
B	35	80	80	80	80	80
E1	50.5	60	68.5	79	103.5	103.5
E2	50.5	68.5	68.5	82	103.5	103.5
T	1.65	1.65	1.65	1.65	1.65	2.0
L/CLAMP	21.5	21.5	21.5	21.5	21.5	21.5
L/SMS male	19	23	23	27	27	30
L/IDF male	21.5	21.5	21.5	21.5	21.5	30
L/RJT male	21.5	21.5	21.5	21.5	21.5	30

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

Sanitary Divert Valve Manual

Materials:

1. Product wetted steel parts: steel AISI 316L.
2. Other steel parts: AISI 304.
3. Plug stem: AISI 316L with chrome plated surface.
3. Product wetted seals: EPDM.
4. Other seals: NBR and FPM.
5. Finish: Semi bright.

Technical data:

1. Max. product pressure: 1000kpa(10bar).
2. Min. product pressure: Full vacuum.
3. Temperature range: -10°C to + 140°C(EPDM).

Options:

Equipment:

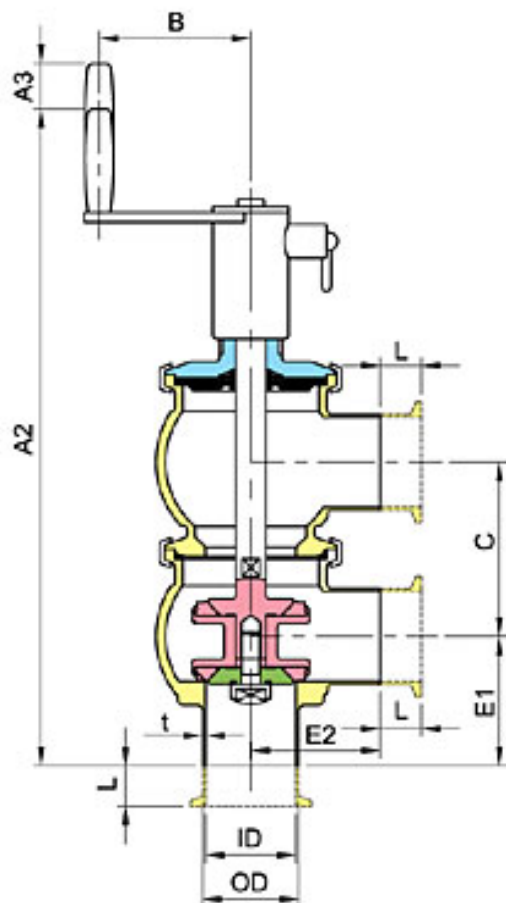
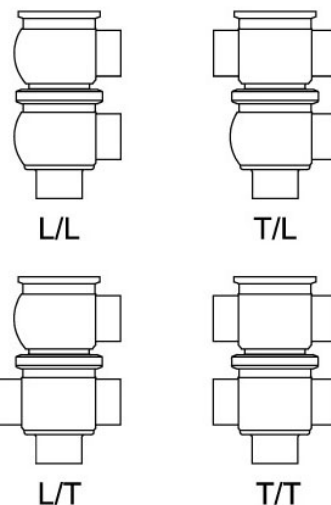
3. Male parts or clamp liners in accordance with required standard.
4. Stainless steel disk replacing standard lip seal.

Materials grades:

1. Product wetted seal and lip seal of NBR, Fluorinated rubber (FPM) or PTFE.



Valve body combination



SIZE	25.4 mm	38.1 mm	50.8 mm	63.5 mm	76.1 mm	101.6 mm
ID	22.1	34.7	47.5	60.2	72.9	97.6
OD	25.4	38.1	50.8	63.5	76.1	101.6
A0	147	241	256	297	326	336.5
A1	15	25	25	25	32	32
A2	202	321	348	404	453	453
A3	15	26	25	25	32	32
B	35	80	80	80	80	80
C	55.6	80	92	108	128	148
E1	50.5	60	68.5	79	103.5	103.5
E2	50.5	68.5	68.5	82	103.5	103.5
t	1.65	1.65	1.65	1.65	1.65	2.0
L/CLAMP	21.5	21.5	21.5	21.5	21.5	21.5
L/SMS male	19	23	23	27	27	30
L/IDF male	21.5	21.5	21.5	21.5	21.5	30
L/RJT male	21.5	21.5	21.5	21.5	21.5	30

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

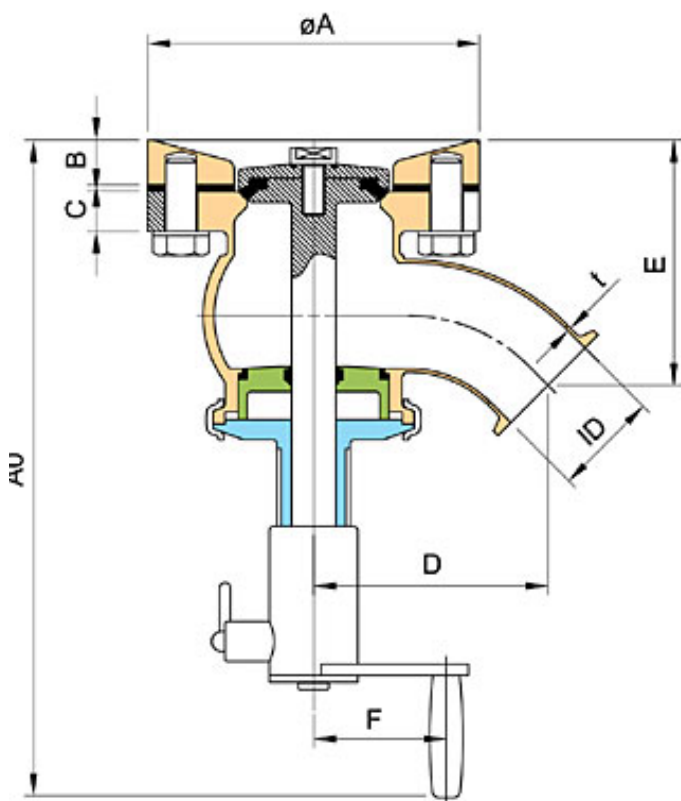
Sanitary Tank Valves

Materials:

1. Product wetted steel parts: steel AISI 316L.
2. Other steel parts: AISI 304.
3. Plug stem: AISI 316L with chrome plated surface.
3. Product wetted seals: EPDM.
4. Other seals: NBR and FPM
5. Finish: Semi bright.

Technical data:

1. Max. product pressure: 1000kpa(10bar).
2. Min. product pressure: Full vacuum.
3. Temperature range: -10°C to + 140°C(EPDM).



SIZE	25.4 mm	38.1 mm	50.8 mm	63.5 mm	76.1 mm
ID	22.1	34.7	47.5	60.2	72.9
A0	272	290	295	350	360
$\varnothing A$	110	140	150	180	200
B	18	20	20	24	24
C	15	16	18	14	14
D	93	93	105	136	148
E	99	106	110	143	144
F	80	80	80	80	80
t	1.65	1.65	1.65	1.65	1.65

Filling Valve

Caution, opening/ closing time:

1. Opening/ closing time will be effected by the following:
2. The air supply (air pressure).
3. The length and dimensions of the air hose.
4. Number of valves connected to same air hose.
5. Use of single solenoid valve for serial connected air actuator functions.
6. Product pressure.

Air connections:

Compressed air:

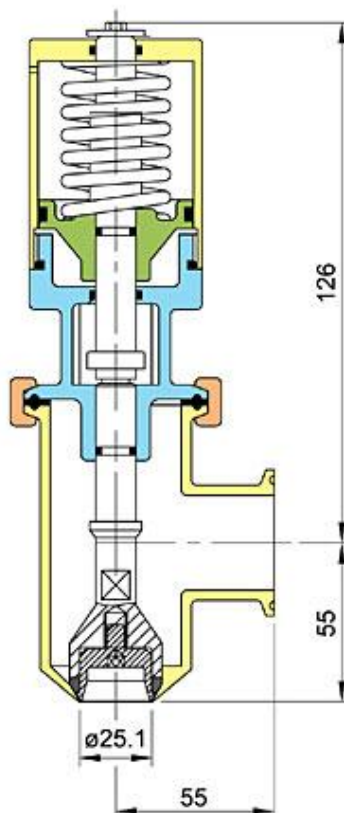
1. R1/8"(BSP), internal thread.

Technical data:

1. Max. product pressure(depending on valve specifications): 1000kpa(10bar).
2. Min. product pressure: Full vacuum.
3. Temperature range: -10°C to + 140°C (EPDM).
3. Air pressure: 5 to 7 bar.

Materials:

1. Product wetted steel parts: steel AISI 316L.
2. Finish: Semi bright.
3. Other steel parts: Stainless steel AISI 304.
4. Plug stem: AISI 316L with hard chrome planted stemm surface.
5. Product wetted seals: EPDM rubber.
6. Other seals: NBR.



SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

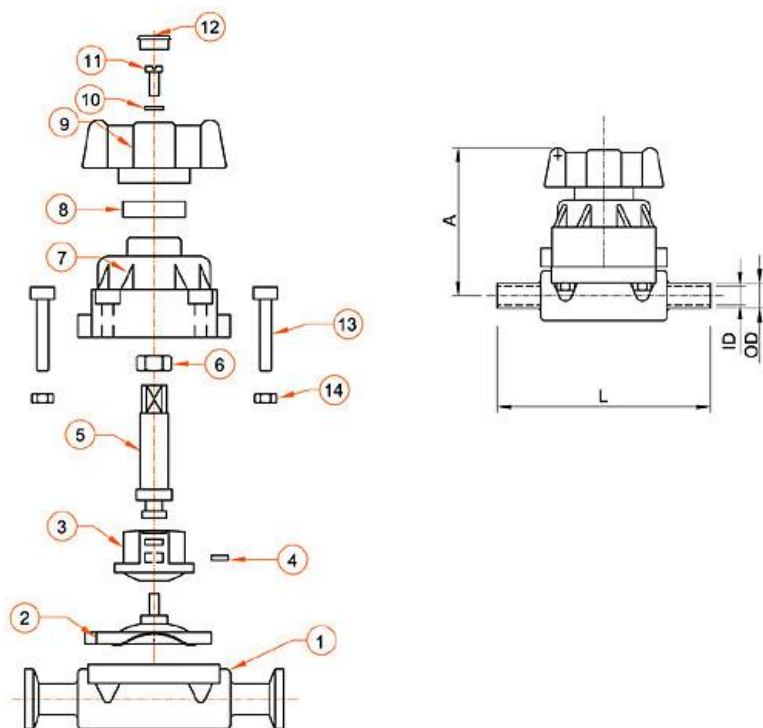
Diaphragm Valve

Technical data:

1. Max. product pressure: 10bar
2. Max temperature range: 140°C (EPDM)
3. Min temperature range: 10°C

Valve body surface finishes, internal finish (acc. To DIN 4768):

1. Ra<6.3 m blasted internal / external
2. Ra<6.3 m electropolished internal/ external
3. Ra<0.8 m mechanically polished internal/ blasted external
4. Ra<0.8 m electropolished internal/ external
5. Ra<0.6 m mechanically polished internal/ blasted external
6. Ra<0.6 m electropolished internal/ external
7. Ra<0.4 m mechanically polished internal/ blasted external
8. Ra<0.4 m electropolished internal/ external
9. Ra<0.25 m mechanically polished internal/ blasted external
10. Ra<0.25 m electropolished internal/ external



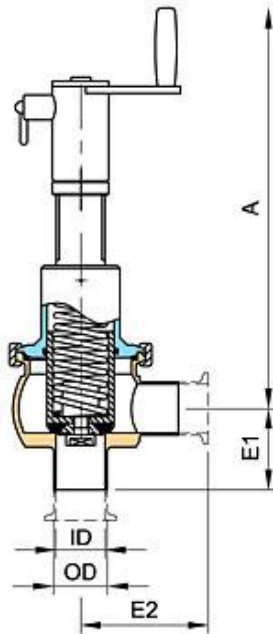
Size	ID	OD	A	L/Weld	L/Clamp
1/2"	9.5	12.7	75	108	108
3/4"	15.8	19.05	75	108	108
1"	22.1	25.4	75	108	151

NO	DESIGNATION	MATERIAL
1	Diaphragm Valve Body	SS316L
2	EPDM Seal	EPDM
3	Seat	SS304
4	Seat	ST
5	Screw Shaft Seat	SS304
6	Screw	SS
7	Bonnet	NYLON
8	PP Ring	PP
9	Hand Wheel	NYLON
10	Ring	SS
11	Screw M4*10	SS
12	Cover	PP
13	Screw M5*30	SS
14	M5 Screw	SS

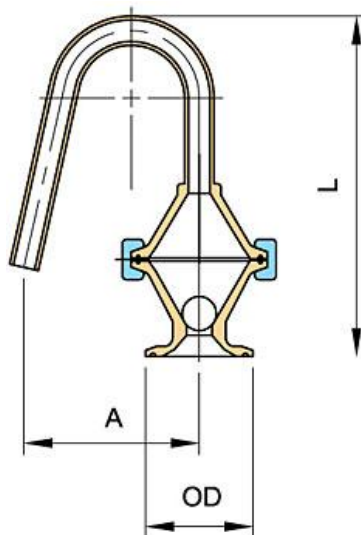
SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

Relief Valve

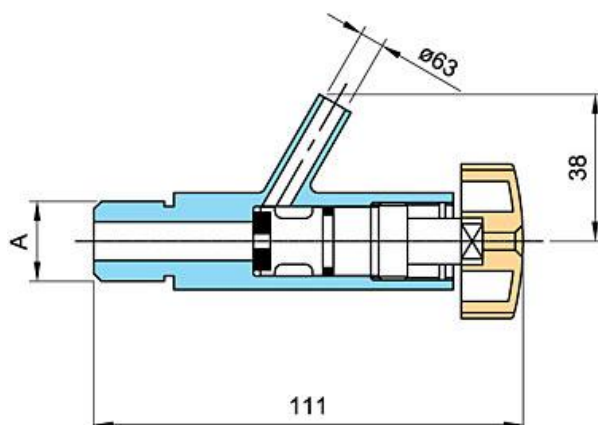


SIZE	38.1 mm	50.8 mm	63.5 mm
ID	34.7	47.5	60.2
OD	38.1	50.8	63.5
A	285	300	310
E1	57.4	68.5	79
E2	68.5	68.5	82
T	1.65	1.65	1.65
L/CLAMP	21.5	21.5	21.5
L/SMS male	23	23	27
L/IDF male	21.5	21.5	21.5
L/RJT male	21.5	21.5	21.5



Air Release Valve

SIZE	OD	A	L
1.0	50.5	82	130



Sample Cock Valve

SIZE	A
1/2	1/2 PF
3/8	NPT 3/8-14
1/4	NPT 1/4-14

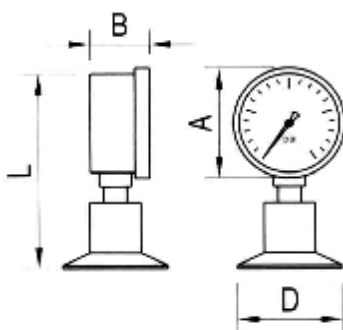
SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

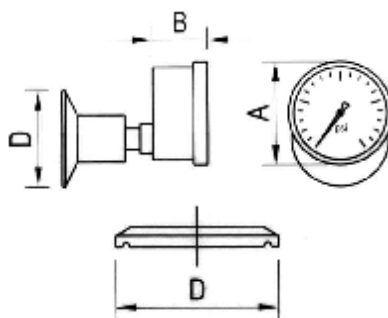
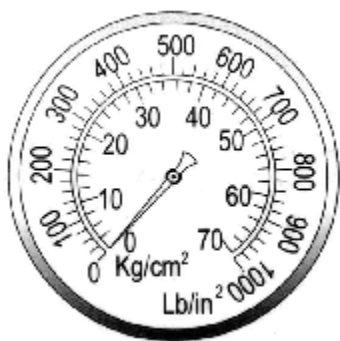
Sanitary Pressure Gauge



- Process connection: 1-1/2", 2", 2-1/2"
Quick-release clamp piping system.
- Suitable Pressure Ranges: 15psi to 600psi.
- Instrument Connection: 1/4"NPT /BSPT or 1/2"NPT /BSPT.
- Case & Movement Material: SS304.
- Connection Material: SS316.
- Diaphragm Material: SS316.
- Bourdon Tube Material: SS316.
- Ferrule: SS304.
- Fill Fluid: Glycerined (Vegetable oil).
- Lens: Safety Glass.
- Max temperature) : Standard type -120°C
Special type -150°C.



SIZE	A	B	L
φ 50	56	30	100
φ 63	69	30	122
φ 80	89	30	140
φ 100	112	47	166
φ 160	160	50	224



SIZE	D (Tric-clamp)
1"&1-1/2"	50.4
2.0"	63.9
2-1/2"	77.4
3.0"	90.9
4.0"	118.9

- Feature: *
- * Sanitary pressure gauges are stainless steel products specifically designed to meet the demanding sanitary requirements for food dairy, beverage, pharmaceutical and biotech applications.
 - * Complies with 3A sanitary standard, water-proof, shock resistant, and closed structures are durable and accurate, good for long time running.
 - * All series are liquid-filled, special materials movement and bourdon tube have lasting durability. It is applicable to the places of both strong fluctuation and non-corrosive fluid, such as air, water and oil.

SANITARY STAINLESS STEEL FITTINGS & VALVES

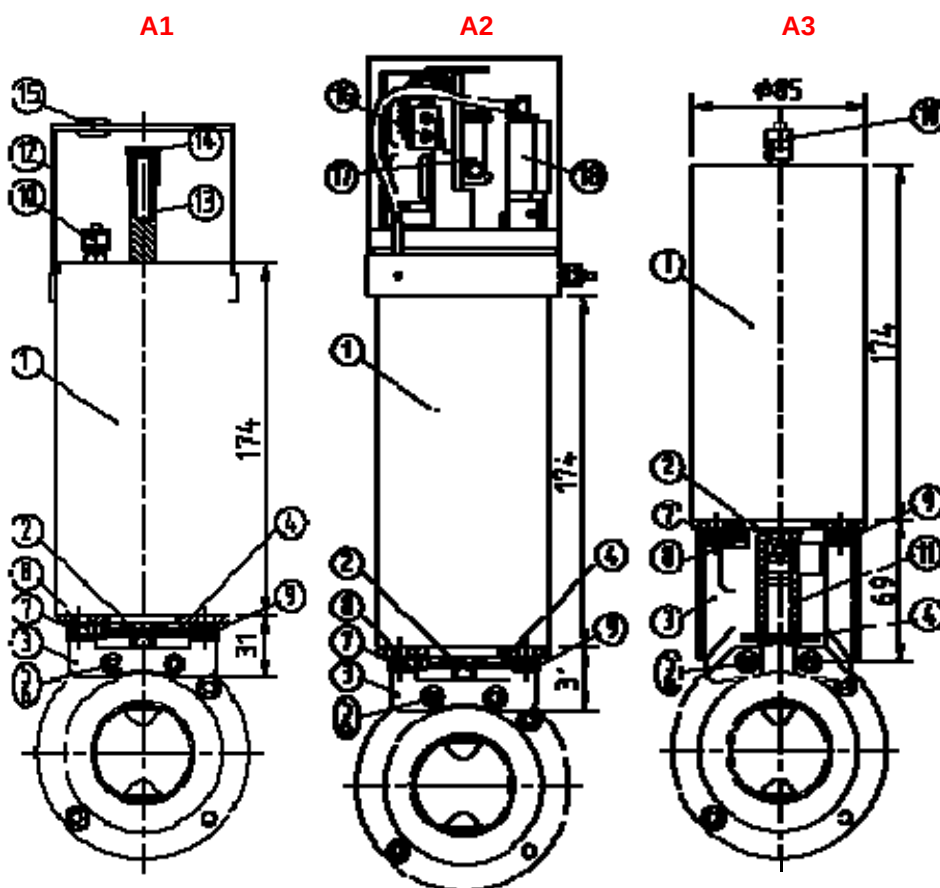
WELLGROW INDUSTRIES CORP.

Actuator for Butterfly Valves



- Material : **Body : Stainless Steel 304. Cover : plastic**
- Shut-Off time : 1.5 second
- Power : 4M/KG at 5 Bar compressed air
- Air consumption : 0.266 liter at 5 Bar
- Fit For : 9.4 x 9.4mm, 12 x 8mm or 12 x 12mm disc head
- Feature :
 - * Available for air/spring or air/air type
 - * Can be fit with Mini Switch, Adapter & Solenoids Control Way
 - * Over 600K cycle safety test & 2 years operation guarantee

NO.	DESIGNATION	Q'TY
1	BODY	1
2	COUPLING AXLE PIECE	1
3	MOUNTING BRACKET	1
4	PLASTIC POSITIONING RING	1
5	M6x30 S.S. SCREW	2
6	M6 S.S. NYLON NUT	2
7	M8x12 S.S. SCREW	2
8	AIR OUTLET FILTER	2
9	PISTON O-RING	1
10	AIR CONNECTION	1
11	CONNECTION	1
12	PLASTIC COVER	1
13	S.S. PISTON STEM	1
14	PLUG TO PROTECT STEM	1
15	GUIDE FOR AIR FLOW TUBE	1
16	MICRO SWITCH	1
17	PROXIMITY DETECTOR	1
18	ELECTROVALVE	1

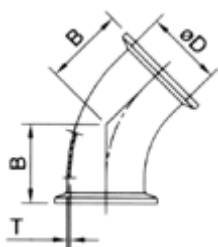


SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

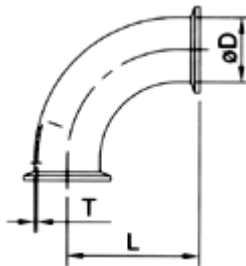
BPE Fittings

BPE 45° Elbow Clamp End (DT-17)



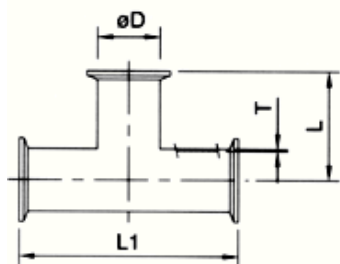
SIZE	D	B	T
1/2"	12.7	25.40	1.65
3/4"	19.05	25.40	1.65
1"	25.4	28.40	1.65
1-1/2"	38.1	36.58	1.65
2"	50.8	44.45	1.65
2-1/2"	63.5	52.32	1.65
3"	76.2	60.45	1.65
4"	101.6	79.25	2.10

BPE 90° Elbow Clamp End (DT-16)



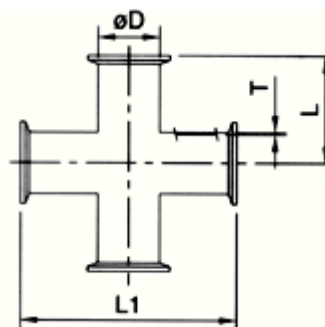
SIZE	D	L	T
1/2"	12.7	41.15	1.65
3/4"	19.05	41.15	1.65
1"	25.4	50.80	1.65
1-1/2"	38.1	69.85	1.65
2"	50.8	88.90	1.65
2-1/2"	63.5	107.95	1.65
3"	76.2	127.00	1.65
4"	101.6	168.30	2.10

BPE Equal Tee Clamp End (DT-18)



SIZE	D	L	L1	T
1/2"	12.7	57.20	114.4	1.65
3/4"	19.05	60.20	120.6	1.65
1"	25.4	66.55	133.4	1.65
1-1/2"	38.1	72.90	146.0	1.65
2"	50.8	85.60	171.4	1.65
2-1/2"	63.5	92.95	182.2	1.65
3"	76.2	98.30	196.8	1.65
4"	101.6	120.65	241.4	2.10

BPE Equal Cross Clamp End (DT-18)



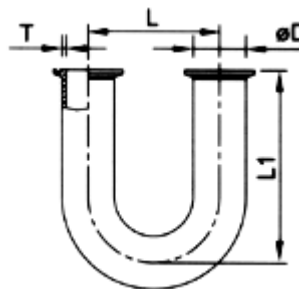
SIZE	D	L	L1	T
1/2"	12.7	57.20	114.4	1.65
3/4"	19.05	60.20	120.6	1.65
1"	25.4	66.55	133.4	1.65
1-1/2"	38.1	72.90	146.0	1.65
2"	50.8	85.60	171.4	1.65
2-1/2"	63.5	92.95	182.2	1.65
3"	76.2	98.30	196.8	1.65
4"	101.6	120.65	241.4	2.10

BPE Short Outlet Tee Clamp End (DT-27)



SIZE	D	L	L1	T
1/2"	12.7	57.2	25.4	1.65
3/4"	19.05	60.3	28.6	1.65
1"	25.4	66.7	28.6	1.65
1-1/2"	38.1	73.0	34.9	1.65
2"	50.8	85.7	41.3	1.65
2-1/2"	63.5	92.1	47.6	1.65
3"	76.2	98.4	54.0	1.65
4"	101.6	120.7	69.9	2.10

BPE 180° U-Joint Clamp End (DT-24)



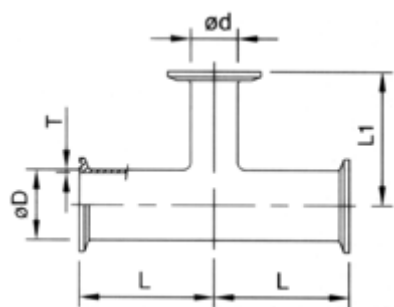
SIZE	D	L	L1	T
1/2"	12.7	114.3	88.9	1.65
3/4"	19.05	114.3	88.9	1.65
1"	25.4	114.3	88.9	1.65
1-1/2"	38.1	114.3	127.0	1.65
2"	50.8	152.4	139.7	1.65
2-1/2"	63.5	190.5	158.8	1.65
3"	76.2	228.6	177.8	1.65
4"	101.6	304.8	231.8	2.10

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

BPE Fittings

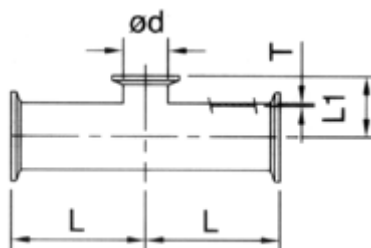
BPE Reducing Tee Clamp End (DT-19)



SIZE	D	d	L	L1	T
3/4" x 1/2"	19.05	12.7	63.5	63.5	1.65
1" x 1/2"	25.40	12.7	66.7	66.7	1.65
1" x 3/4"	25.40	19.05	66.7	66.7	1.65
1-1/2" x 1/2"	38.10	12.7	73.0	73.0	1.65
1-1/2" x 3/4"	38.10	19.05	73.0	73.0	1.65
1-1/2" x 1"	38.10	25.4	73.0	73.0	1.65
2" x 1"	50.80	25.4	85.7	79.4	1.65
2" x 1-1/2"	50.80	38.1	85.7	79.4	1.65
2-1/2" x 1"	63.50	25.4	92.1	85.7	1.65
2-1/2" x 1-1/2"	63.50	38.1	92.1	85.7	1.65

SIZE	D	d	L	L1	T
2-1/2" x 2"	63.5	50.8	92.1	85.7	1.65
3" x 1"	76.2	25.4	98.4	92.1	1.65
3" x 1-1/2"	76.2	38.1	98.4	92.1	1.65
3" x 2"	76.2	50.8	98.4	98.4	1.65
3" x 2-1/2"	76.2	63.5	98.4	98.4	1.65
4" x 1"	101.6	25.4	120.7	104.8	2.10
4" x 1-1/2"	101.6	38.1	120.7	104.8	2.10
4" x 2"	101.6	50.8	120.7	111.1	2.10
4" x 2-1/2"	101.6	63.5	120.7	111.1	2.10
4" x 3"	101.6	76.2	120.7	111.1	2.10

BPE Short Outlet Reducing Tee Clamp End (DT-20)

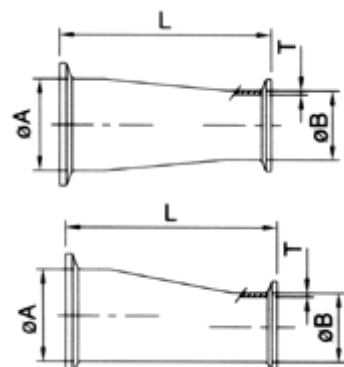


SIZE	D	d	L	L1	T
3/4" x 1/2"	19.05	12.7	63.5	25.4	1.65
1" x 1/2"	25.4	12.7	66.7	28.6	1.65
1" x 3/4"	25.4	19.05	66.7	28.6	1.65
1-1/2" x 1/2"	38.1	12.7	73.0	34.9	1.65
1-1/2" x 3/4"	38.1	19.05	73.0	34.9	1.65
1-1/2" x 1"	38.1	25.4	73.0	34.9	1.65
2" x 1"	50.8	25.4	85.7	47.6	1.65
2" x 1-1/2"	50.8	38.1	92.1	47.6	1.65
2-1/2" x 1"	63.5	25.4	92.1	47.6	1.65
2-1/2" x 1-1/2"	63.5	38.1	92.1	47.6	1.65

SIZE	D	d	L	L1	T
2-1/2" x 2"	63.5	50.8	92.1	47.6	1.65
3" x 1"	76.2	25.4	98.4	54.0	1.65
3" x 1-1/2"	76.2	38.1	98.4	54.0	1.65
3" x 2"	76.2	50.8	98.4	54.0	1.65
3" x 2-1/2"	76.2	63.5	98.4	54.0	1.65
4" x 1"	101.6	25.4	120.7	66.7	2.10
4" x 2-1/2"	101.6	38.1	120.7	66.7	2.10
4" x 2"	101.6	50.8	120.7	66.7	2.10
4" x 2-1/2"	101.6	63.5	120.7	66.7	2.10
4" x 3"	101.6	76.2	120.7	66.7	2.10

BPE Concentric Reducer Clamp End (DT-21)

BPE Eccentric Reducer Clamp End (DT-21)



SIZE	A	B	L	T
3/4" x 1/2"	19.05	12.7	50.8	1.65
1" x 1/2"	25.4	12.7	63.5	1.65
1" x 3/4"	25.4	19.1	50.8	1.65
1-1/2" x 1/2"	38.1	12.7	88.9	1.65
1-1/2" x 3/4"	38.1	19.1	76.2	1.65
1-1/2" x 1"	38.1	25.4	76.2	1.65
2" x 1/2"	50.8	12.7	139.7	1.65
2" x 3/4"	50.8	19.05	127.0	1.65
2" x 1"	50.8	25.4	127.0	1.65
2" x 1-1/2"	50.8	38.1	76.2	1.65

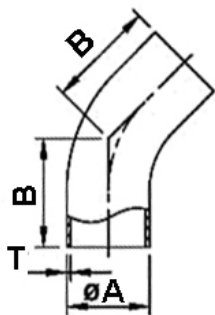
SIZE	A	B	L	T
2-1/2" x 1-1/2"	63.5	38.1	127.0	1.65
2-1/2" x 2"	63.5	50.8	76.2	1.65
3" x 1-1/2"	76.2	38.1	177.8	1.65
3" x 2"	76.2	50.8	127.0	1.65
3" x 2-1/2"	76.2	63.5	76.2	1.65
4" x 1-1/2"	101.6	38.1	282.6	2.10
4" x 2"	101.6	50.8	231.8	2.10
4" x 2-1/2"	101.6	63.5	181.0	2.10
4" x 3"	101.6	76.2	130.2	2.10

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

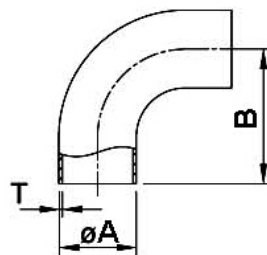
BPE Fittings

BPE 45° Elbow Weld End (DT-8)



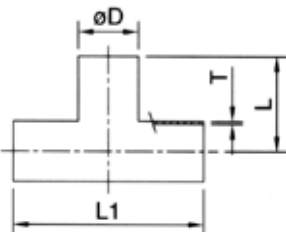
SIZE	A	B	T
1/2"	12.7	57.15	1.65
3/4"	19.05	57.15	1.65
1"	25.4	57.15	1.65
1-1/2"	38.1	63.50	1.65
2"	50.8	76.20	1.65
2-1/2"	63.5	85.60	1.65
3"	76.2	91.95	1.65
4"	101.6	114.30	2.10

BPE 90° Elbow Weld End (DT-7)



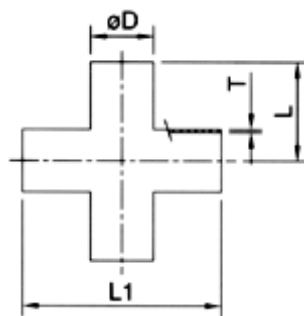
SIZE	A	B	T
1/2"	12.7	76.20	1.65
3/4"	19.05	76.20	1.65
1"	25.4	76.20	1.65
1-1/2"	38.1	95.25	1.65
2"	50.8	120.65	1.65
2-1/2"	63.5	139.70	1.65
3"	76.2	158.75	1.65
4"	101.6	203.20	2.10

BPE Equal Tee Weld End (DT-9)



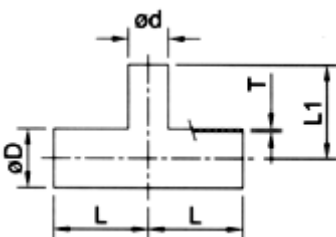
SIZE	D	L	L1	T
1/2"	12.7	47.50	95.2	1.65
3/4"	19.05	50.80	101.6	1.65
1"	25.4	53.85	108.0	1.65
1-1/2"	38.1	60.20	120.6	1.65
2"	50.8	73.00	146.0	1.65
2-1/2"	63.5	79.25	158.8	1.65
3"	76.2	85.60	171.4	1.65
4"	101.6	104.65	209.6	2.10

BPE Equal Cross Weld End (DT-9)



SIZE	D	L	L1	T
1/2"	12.7	47.50	95.2	1.65
3/4"	19.05	50.80	101.6	1.65
1"	25.4	53.85	108.0	1.65
1-1/2"	38.1	60.20	120.6	1.65
2"	50.8	73.00	146.0	1.65
2-1/2"	63.5	79.25	158.8	1.65
3"	76.2	85.60	171.4	1.65
4"	101.6	104.65	209.6	2.10

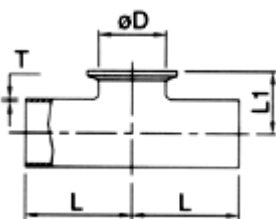
BPE Reducing Tee Weld End (DT-10)



SIZE	D	d	L	L1	T
3/4" x 1/2"	19.05	12.7	50.8	50.80	1.65
1" x 1/2"	25.4	12.7	54.0	53.85	1.65
1" x 3/4"	25.4	19.05	54.0	53.85	1.65
1-1/2" x 1/2"	38.1	12.7	60.3	60.20	1.65
1-1/2" x 3/4"	38.1	19.05	60.3	60.20	1.65
1-1/2" x 1"	38.1	25.4	60.3	60.20	1.65
2" x 1/2"	50.8	12.7	72.9	66.55	1.65
2" x 3/4"	50.8	19.05	72.9	66.55	1.65
2" x 1"	50.8	25.4	72.9	66.55	1.65
2" x 1-1/2"	50.8	38.1	72.9	66.55	1.65
2-1/2" x 1/2"	63.5	12.7	79.25	72.90	1.65
2-1/2" x 3/4"	63.5	19.05	79.25	72.90	1.65
2-1/2" x 1"	63.5	25.4	79.25	72.90	1.65

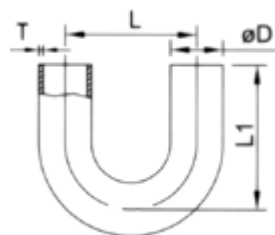
SIZE	D	d	L	L1	T
2-1/2" x 1-1/2"	63.5	38.1	79.4	73.0	1.65
2-1/2" x 2"	63.5	50.8	79.4	73.0	1.65
3" x 1/2"	76.2	12.7	85.6	79.25	1.65
3" x 3/4"	76.2	19.05	85.6	79.25	1.65
3" x 1"	76.2	25.4	85.6	79.25	1.65
3" x 1-1/2"	76.2	38.1	85.6	79.25	1.65
3" x 2"	76.2	50.8	85.6	79.25	1.65
3" x 2-1/2"	76.2	63.5	85.6	79.25	1.65
4" x 1"	101.6	25.4	104.65	91.95	2.10
4" x 1-1/2"	101.6	38.1	104.65	91.95	2.10
4" x 2"	101.6	50.8	104.65	98.30	2.10
4" x 2-1/2"	101.6	63.5	104.65	98.30	2.10
4" x 3"	101.6	76.2	104.65	98.30	2.10

BPE Equal Outlet Tee Weld/ Clamp End (DT-15)



SIZE	D	L	L1	T
1/2"	12.7	47.6	25.4	1.65
3/4"	19.05	50.8	28.6	1.65
1"	25.4	54.0	28.6	1.65
1-1/2"	38.1	60.3	34.9	1.65
2"	50.8	73.0	41.3	1.65
2-1/2"	63.5	79.4	47.6	1.65
3"	76.2	85.7	54.0	1.65
4"	101.6	104.8	69.9	2.10

BPE 180° U-Joint Weld End (DT-23)



SIZE	D	L	L1	T
1/2"	12.7	114.3	76.2	1.65
3/4"	19.05	114.3	76.2	1.65
1"	25.4	114.3	76.2	1.65
1-1/2"	38.1	152.4	114.3	1.65
2"	50.8	152.4	127.0	1.65
2-1/2"	63.5	190.5	146.1	1.65
3"	76.2	228.6	165.1	1.65
4"	101.6	304.8	215.9	2.10

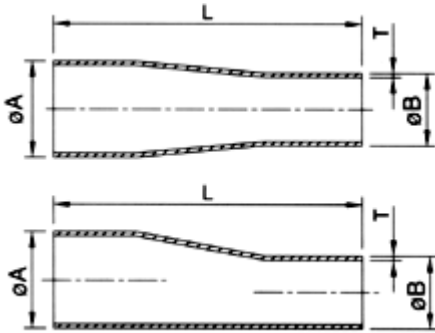
SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

BPE Fittings

BPE Concentric Reducer Weld End (DT-11)

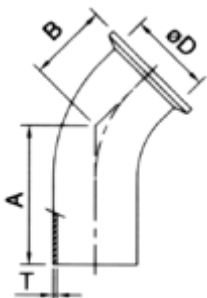
BPE Eccentric Reducer Weld End (DT-11)



SIZE	A	B	L	T
3/4" x 1/2"	19.05	12.7	101.60	1.65
1" x 1/2"	25.4	12.7	114.30	1.65
1" x 3/4"	25.4	19.1	101.60	1.65
1-1/2" x 1/2"	38.1	12.7	139.70	1.65
1-1/2" x 3/4"	38.1	19.1	127.00	1.65
1-1/2" x 1"	38.1	25.4	127.00	1.65
2" x 1/2"	50.8	12.7	196.85	1.65
2" x 3/4"	50.8	19.05	184.25	1.65
2" x 1"	50.8	25.4	184.25	1.65
2" x 1-1/2"	50.8	38.1	184.25	1.65

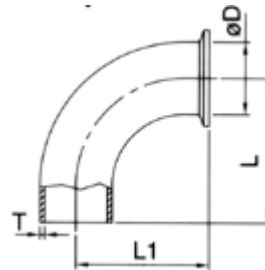
SIZE	A	B	L	T
2-1/2" x 1-1/2"	63.5	38.1	184.2	1.65
2-1/2" x 2"	63.5	50.8	139.7	1.65
3" x 1-1/2"	76.2	38.1	235.0	1.65
3" x 2"	76.2	50.8	190.5	1.65
3" x 2-1/2"	76.2	63.5	139.7	1.65
4" x 1-1/2"	101.6	38.1	342.9	2.10
4" x 2"	101.6	50.8	299.7	2.10
4" x 2-1/2"	101.6	63.5	247.7	2.10
4" x 3"	101.6	76.2	196.9	2.10

BPE 45° Elbow Weld/ Clamp End (DT-13)



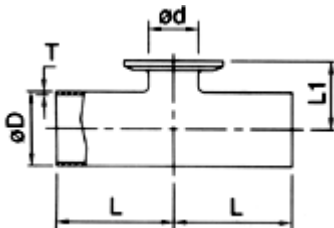
SIZE	D	A	B	T
1/2"	12.7	57.15	25.40	1.65
3/4"	19.05	57.15	25.40	1.65
1"	25.4	57.15	28.45	1.65
1-1/2"	38.1	63.50	36.80	1.65
2"	50.8	76.20	44.45	1.65
2-1/2"	63.5	85.60	52.32	1.65
3"	76.2	91.95	60.45	1.65
4"	101.6	114.3	79.25	2.10

BPE 90° Elbow Weld/ Clamp End (DT-12)



SIZE	D	L	L1	T
1/2"	12.7	76.20	41.15	1.65
3/4"	19.05	76.20	41.15	1.65
1"	25.4	76.20	50.80	1.65
1-1/2"	38.1	95.25	69.85	1.65
2"	50.8	120.65	88.90	1.65
2-1/2"	63.5	139.70	107.95	1.65
3"	76.2	158.75	127.00	1.65
4"	101.6	203.20	168.15	2.10

BPE Short Outlet Reducing Tee Weld/ Clamp End (DT-14)



SIZE	D	d	L	L1	T
3/4" x 1/2"	19.05	12.7	50.80	25.4	1.65
1" x 1/2"	25.4	12.7	53.84	28.6	1.65
1" x 3/4"	25.4	19.05	53.84	28.6	1.65
1-1/2" x 1/2"	38.1	12.7	60.2	34.9	1.65
1-1/2" x 3/4"	38.1	19.05	62.2	34.9	1.65
1-1/2" x 1"	38.1	25.4	60.2	34.9	1.65
2" x 1/2"	50.8	12.7	72.9	41.3	1.65
2" x 3/4"	50.8	19.05	72.9	41.3	1.65
2" x 1"	50.8	25.4	72.9	41.3	1.65
2" x 1-1/2"	63.5	38.1	72.9	41.3	1.65
2-1/2" x 1/2"	63.5	12.7	79.25	47.6	1.65
2-1/2" x 3/4"	63.5	19.05	79.25	47.6	1.65
2-1/2" x 1"	63.5	25.4	79.25	47.6	1.65

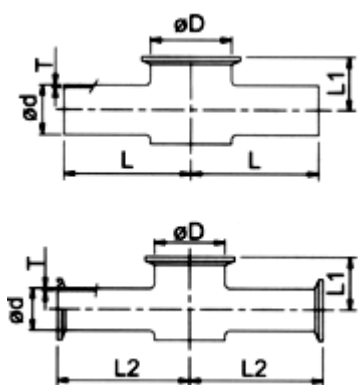
SIZE	D	d	L	L1	T
2-1/2" x 1-1/2"	63.5	38.1	79.4	47.6	1.65
2-1/2" x 2"	63.5	50.8	79.4	47.6	1.65
3" x 1/2"	76.2	12.7	85.7	54.0	1.65
3" x 3/4"	76.2	19.05	85.7	54.0	1.65
3" x 1"	76.2	25.4	85.7	54.0	1.65
3" x 1-1/2"	76.2	38.1	85.7	54.0	1.65
3" x 2"	76.2	50.8	85.7	54.0	1.65
3" x 2-1/2"	76.2	63.5	85.7	54.0	1.65
4" x 1"	101.6	25.4	104.8	66.7	2.10
4" x 1-1/2"	101.6	38.1	104.8	66.7	2.10
4" x 2"	101.6	50.8	104.8	66.7	2.10
4" x 2-1/2"	101.6	63.5	104.8	66.7	2.10
4" x 3"	101.6	76.2	104.8	66.7	2.10

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

BPE Fittings

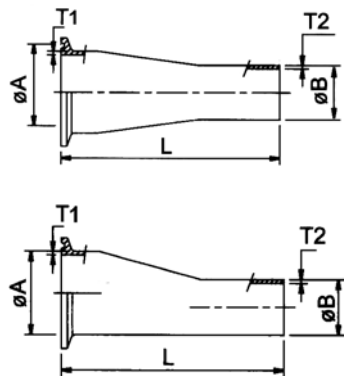
BPE Instrument Tee Weld/ Clamp End (DT-28/29)



SIZE	D	d	L	L1	L2	T
1" x 1/2"	25.4	12.7	63.5	22.2	77	1.65
1" x 3/4"	25.4	19.05	63.5	25.4	77	1.65
1-1/2" x 1/2"	38.1	12.7	63.5	22.2	76.2	1.65
1-1/2" x 3/4"	38.1	19.05	63.5	25.4	76.2	1.65
1-1/2" x 1"	38.1	25.4	63.5	28.6	76.2	1.65
2" x 1/2"	50.8	12.7	69.9	25.4	82.6	1.65
2" x 3/4"	50.8	19.05	69.9	28.6	82.6	1.65
2" x 1"	50.8	25.4	69.9	31.8	82.6	1.65
2" x 1-1/2"	50.8	38.1	69.9	38.1	82.6	1.65
2-1/2" x 1/2"	63.5	12.7	85.0	35.0	97.0	1.65
2-1/2" x 3/4"	63.5	19.05	85.0	38.6	97.0	1.65
2-1/2" x 1"	63.5	25.4	85.0	41.3	97.0	1.65
2-1/2" x 1-1/2"	63.5	38.1	85.0	44.5	97.0	1.65
2-1/2" x 2"	63.5	50.8	85.0	48.0	97.0	1.65

SIZE	D	d	L	L1	L2	T
3" x 1/2"	76.2	12.7	90	38.1	102	1.65
3" x 3/4"	76.2	19.05	90	41.3	102	1.65
3" x 1"	76.2	25.4	90	44.5	102	1.65
3" x 1-1/2"	76.2	38.1	90	48.0	102	1.65
3" x 2"	76.2	50.8	90	50.8	102	1.65
3" x 2-1/2"	76.2	63.5	90	54.0	102	1.65
4" x 1/2"	101.6	12.7	110	79.4	122	1.65
4" x 3/4"	101.6	19.05	110	82.6	122	1.65
4" x 1"	101.6	25.4	110	85.7	122	1.65
4" x 1-1/2"	101.6	38.1	110	88.7	122	1.65
4" x 2"	101.6	50.8	110	95.2	122	1.65
4" x 2-1/2"	101.6	63.5	110	98.4	122	1.65
4" x 3"	101.6	76.2	110	101.6	122	1.65

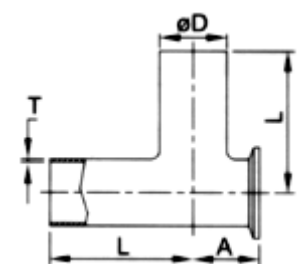
BPE Concentric and Eccentric Reducer Weld/ Clamp End (DT-26)



SIZE	A	B	L	T1	T2
3/4" x 1/2"	19.05	12.7	76.2	1.65	1.65
1" x 1/2"	25.4	12.7	88.9	1.65	1.65
1" x 3/4"	25.4	19.05	76.2	1.65	1.65
1-1/2" x 1/2"	38.1	12.7	114.3	1.65	1.65
1-1/2" x 3/4"	38.1	19.05	101.6	1.65	1.65
1-1/2" x 1"	38.1	25.4	101.6	1.65	1.65
2" x 1/2"	50.8	12.7	165.4	1.65	1.65
2" x 3/4"	50.8	19.05	152.4	1.65	1.65
2" x 1"	50.8	25.4	152.4	1.65	1.65
2" x 1-1/2"	50.8	38.1	101.6	1.65	1.65

SIZE	A	B	L	T1	T2
2-1/2" x 1-1/2"	63.5	38.1	152.4	1.65	1.65
2-1/2" x 2"	63.5	50.8	108.0	1.65	1.65
3" x 1-1/2"	76.2	38.1	203.2	1.65	1.65
3" x 2"	76.2	50.8	158.8	1.65	1.65
3" x 2-1/2"	76.2	63.5	108.0	1.65	1.65
4" x 1-1/2"	101.6	38.1	308.0	2.10	1.65
4" x 2"	101.6	50.8	263.5	2.10	1.65
4" x 2-1/2"	101.6	63.5	212.7	2.10	1.65
4" x 3"	101.6	76.2	161.9	2.10	1.65

BPE Short Outlet Run Tee Weld/ Clamp End (DT-25)



SIZE	D	A	L	T
1/2"	12.7	22.2	47.6	1.65
3/4"	19.05	25.4	50.8	1.65
1"	25.4	28.6	54.0	1.65
1-1/2"	38.1	34.9	60.3	1.65
2"	50.8	41.3	73.0	1.65
2-1/2"	63.5	47.6	79.4	1.65
3"	76.2	54.0	85.7	1.65
4"	101.6	69.9	104.8	2.10

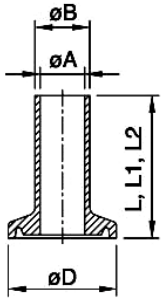
SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

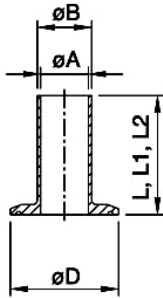
BPE Fittings

BPE 14AMP-AWF Weld Ferrule (DT-22)

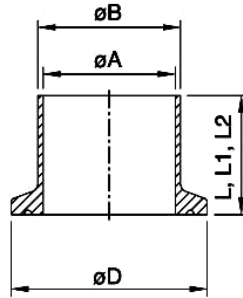
1/2" & 3/4"



1.0"

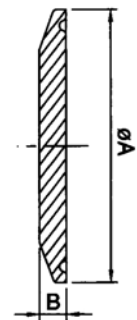


1.5" - 4.0"



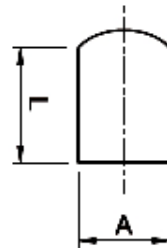
SIZE	A	B	D	L	L1	L2
1/2"	9.4	12.7	25.0	44.5	12.7	28.6
3/4"	15.7	19.1	25.0	44.5	12.7	28.6
1"	22.1	25.4	50.5	44.5	12.7	28.6
1-1/2"	34.8	38.1	50.5	44.5	12.7	28.6
2"	47.5	50.8	64.0	57.2	12.7	28.6
2-1/2"	60.2	63.5	77.5	57.2	12.7	28.6
3"	72.9	76.2	91.0	57.2	12.7	28.6
4"	97.4	101.6	119.0	57.2	12.7	28.6

BPE 16AMP Solid End Cap



SIZE	A	B
1/2"	25.4	6.00
3/4"	25.4	6.00
1"	50.5	6.35
1-1/2"	50.5	6.35
2"	64.0	6.35
2-1/2"	77.5	6.35
3"	91.0	6.35
4"	119.0	8.90

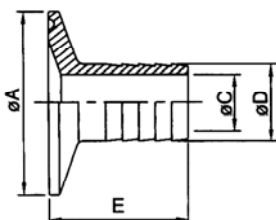
BPE 16W Weld Cap



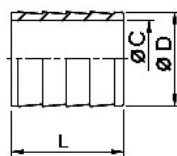
SIZE	A	B
1/2"	12.7	38.1
3/4"	19.05	38.1
1"	25.4	38.1
1-1/2"	38.1	38.1
2"	50.8	38.1
2-1/2"	63.5	38.1
3"	76.2	44.5
4"	101.6	50.8
6"	152.4	63.5

BPE Hose Adapter

14MPHR



14WHR



SIZE	C	D	A	E	L
1/2"	9.5	13.7	50.5	38.0	25.3
3/4"	15.8	21.4	50.5	38.0	25.3
1" x 1/2"	9.5	13.7	50.5	38.0	25.3
1" x 3/4"	15.8	21.4	50.5	38.0	25.3
1"	20.6	25.4	50.5	43.0	30.3
1-1/2" x 1/2"	9.5	13.7	50.5	38.0	25.3
1-1/2" x 3/4"	15.8	21.4	50.5	38.0	25.3
1-1/2" x 1"	20.6	25.4	50.5	43.0	25.3
1-1/2"	33.2	38.1	50.5	43.0	30.3
2" x 1-1/2"	33.2	38.1	64.0	43.0	30.3
2"	46.0	50.8	64.0	58.7	46.0
2-1/2"	58.7	63.5	77.5	59.5	46.8
3"	72.0	76.2	91.0	78.6	65.9
4"	97.6	101.6	119.0	85.5	72.8

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

BPE Diaphragm Valve

Control mode: Pneumatic Type & Manual Type

Connection type: Clamp or Weld or other.

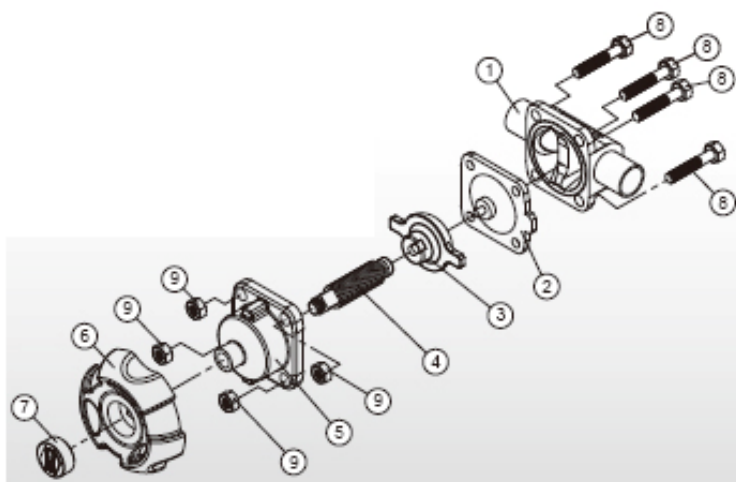
Operation: Normal Open & Normal Close design

Connection: INCH: 1/2"~2",

DIN / ISO: DN10-DN50

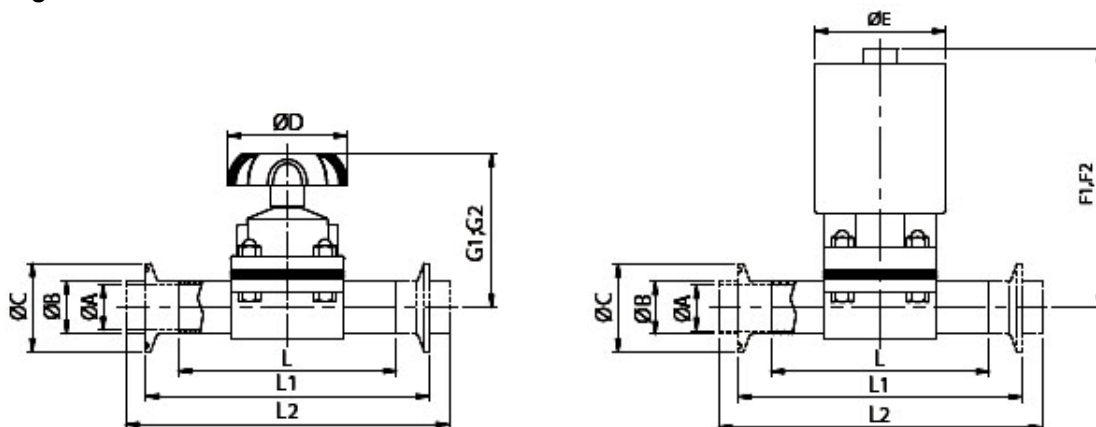
Working temp: Assembling Diaphragm: EPDM (-40°C~110°C),
PTFE/EPDM (-10°C~150°C)

Working pressure: Max 10 Bar



Part No.	Part Name	Material
1	Body	SUS316L-forged
2	Seal	EPDM+PTFE
3	Seat	SUS304
4	Screw	SUS304
5	Bonnet	POBOM/Casting
6	Hand Wheel	Nylon 66 + 30% GF
7	Cover	Nylon 66 + 30% GF
8	M6-30	SUS304
9	M6 Nut	SUS304

2-Way Diaphragm Valve



SIZE	øA	øB	øC	L	L1	L2	F1	F2	G1	G2	øD	øE
1/2"	9.4	12.7	77	77	94.4	129	122	131	74	83	60	60
3/4"	15.75	19.05	77	77	94.4	129	122	131	74	83	60	60
1"	22.1	25.4	100	100	125	145	212	225	100	113	95	85
1-1/2"	34.8	38.1	133	133	159	169	217	232	119	134	95	85
2"	47.5	50.8	166.5	166.5	192	191	315	333	135	153	118	133

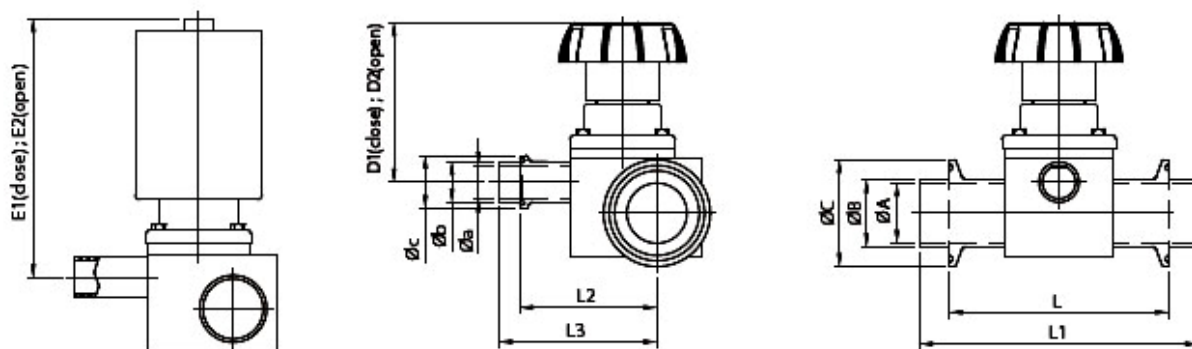
SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

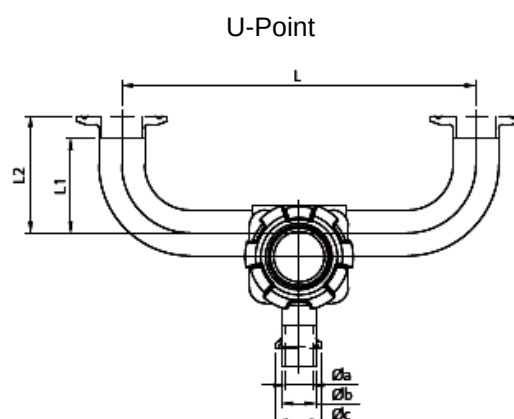
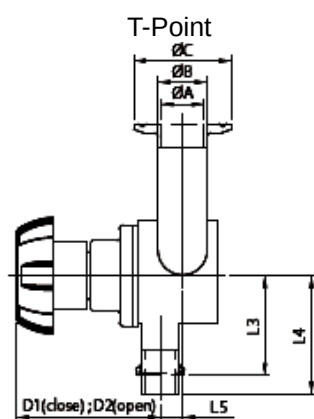
BPE Diaphragm Valve

3-Way Diaphragm Valve

Equal Tee-Point and Reducing Tee-Point



SIZE	ØA	ØB	ØC	Øa	Øb	Øc	L	L1	L2	L3	D1	D2	E1	E2
1/2" x 1/2"	9.4	12.7	25.2	9.4	12.7	25.2	117.4	132	58	72	74	83	122	131
3/4" x 3/4"	15.75	19.05	25.2	15.75	19.05	25.2	117.4	132	61.18	75	74	83	122	131
1" x 1/2"	22.1	25.4	50.5	9.4	12.7	25.2	117.4	132	64.35	78	74	83	122	131
1" x 3/4"	22.1	25.4	50.5	15.75	19.05	25.2	117.4	132	64.35	78	74	83	122	131
1"	22.1	25.4	50.5	22.1	25.4	50.5	136.4	151	81.25	89	100	113	212	225
1-1/2" x 1/2"	34.8	38.1	50.5	9.4	12.7	25.2	117.4	132	70.7	84.7	74	83	122	131
1-1/2" x 3/4"	34.8	38.1	50.5	15.75	19.05	25.2	117.4	132	70.7	84.7	74	83	122	131
1-1/2" x 1"	34.8	38.1	50.5	22.1	25.4	50.5	151.0	151	94.9	94.9	100	113	212	225
1-1/2"	34.8	38.1	50.5	15.75	19.05	50.5	161.4	176	101.9	108	119	134	217	232
2" x 1/2"	47.5	50.8	64.0	9.4	12.7	25.2	117.4	132	77.05	91	74	83	122	131
2" x 3/4"	47.5	50.8	64.0	15.75	19.05	25.2	117.4	132	77.05	91	74	83	122	131
2" x 1"	47.5	50.8	64.0	22.1	25.4	50.5	151.0	151	101.5	101.5	100	113	212	225
2" x 1-1/2"	47.5	50.8	64.0	34.8	38.1	50.5	176.0	176	115	115	119	134	217	232
2"	47.5	50.8	64.0	47.5	50.8	64.0	195.4	210	121.7	129	135	153	315	333



SIZE	ØA	ØB	ØC	Øa	Øb	Øc	L	L1	L2	L3	L4	L5	D1	D2
1/2" x 1"	22.1	25.4	50.5	9.40	12.7	25.2	196.8	52.4	65.1	64.35	78	11.55	74	83
1/2" x 1-1/2"	34.8	38.1	25.2	9.40	12.7	25.2	214.2	74.6	87.3	70.70	84.7	15.80	74	83
1/2" x 2"	47.5	50.8	64.0	9.40	12.7	25.2	298.4	103.2	115.9	77.05	91	18.35	74	83
3/4" x 1"	22.1	25.4	25.2	15.75	19.05	25.2	196.8	52.4	65.1	64.35	78	11.55	74	83
3/4" x 1-1/2"	34.8	38.1	25.2	15.75	19.05	25.2	214.2	74.6	87.3	77.70	84.7	15.8	100	113
3/4" x 2"	47.5	50.8	64.0	15.75	19.05	25.2	298.4	103.2	115.9	77.05	91	18.35	74	83

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

BPE Sample Valves

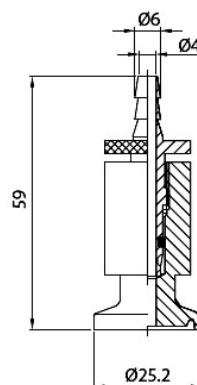
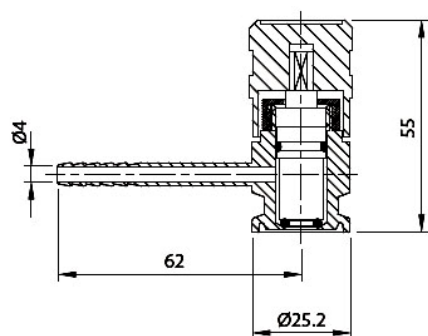
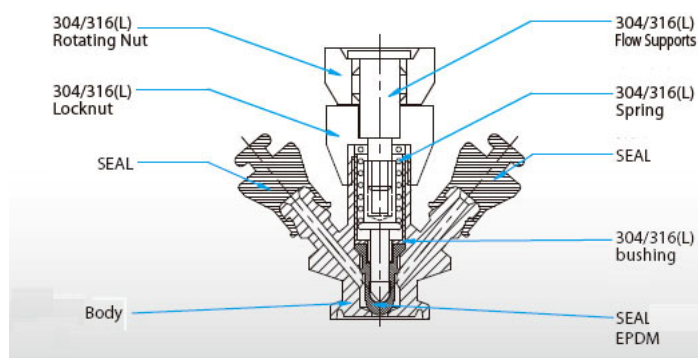
Connection type: Weld or Clamp or other.

Gasket: Flow Area: EPDM/SILICONE/VITON

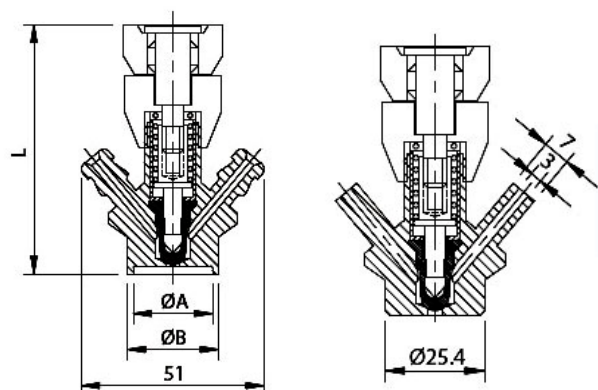
Other Seals: NBR & EPDM

Working temp: Full Vacuum: $-10^{\circ}\text{C} \sim 140^{\circ}\text{C}$ (EPDM)

Surface finish: Mirror Polished / Satin / Sand Blast

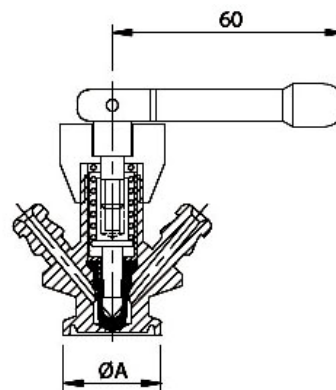


Weld End



Size	ØA	ØB	L
1/2"	9.4	12.7	71.5
3/4"	15.75	19.05	71.5
1"	22.1	25.4	71.5

Clamp End



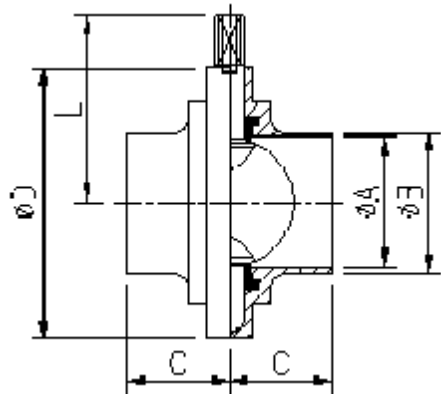
Size	ØA	L
A37	34	70
1/2"	25.2	70
3/4"	25.2	70
1"	50.5	70

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

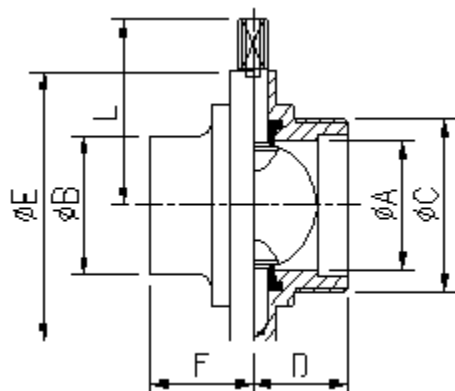
Wine Butterfly Valves

Wine Weld/Weld Butterfly Valves



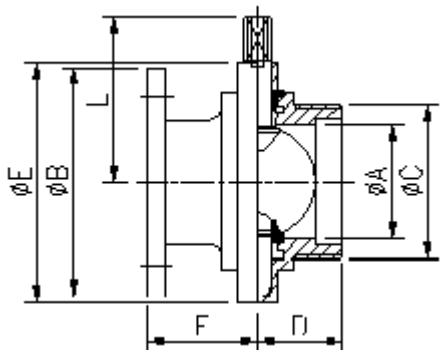
SIZE	A	B	C	D	L
DN 40/43	40.0	43.0	38.0	90.0	61.0
DN 50/53	50.0	53.0	40.0	105.0	64.3
DN 60/63	60.0	63.0	40.0	112.0	74.3
DN 70/73	70.0	73.0	41.0	125.0	77.6
DN 80/83	80.0	83.0	40.0	137.0	91.4
DN 100/103	100.0	103.0	44.0	157.0	101.6

Wine Weld/Male Butterfly Valves



Size	A	B	C	D	E	F	L
DN 40/43	40.0	43.0	55x3.0	37.0	79.0	38.0	61.0
DN 50/53	50.0	53.0	67x3.0	37.0	85.0	40.0	64.3
DN 60/63	60.0	63.0	79x3.5	40.0	105.0	40.0	74.3
DN 70/73	70.0	73.0	90x3.5	40.0	112.0	41.0	77.6
DN 80/83	80.0	83.0	102x4.0	40.0	125.0	40.0	84.3
DN 100/103	100.0	103.0	125x4.0	45.0	157.0	44.0	101.6

Wine Male/Flange Butterfly Valves



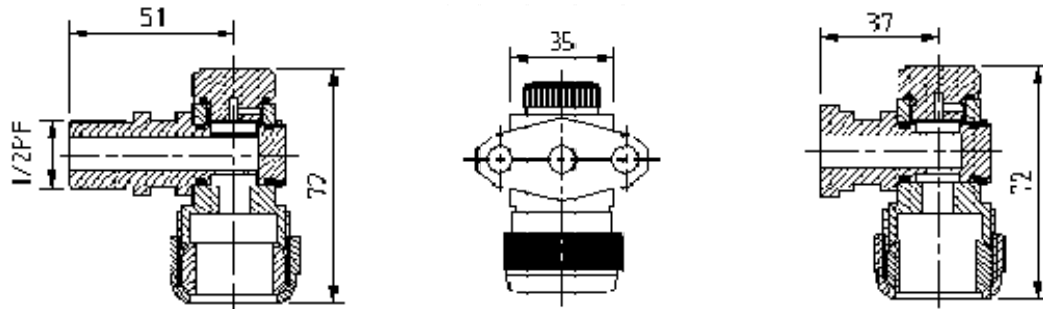
Size	A	B	C	D	E	F	L
DN 40/43	40.0	100.0	55x3.0	37.0	90.0	45.0	61.0
DN 50/53	50.0	100.0	67x3.0	37.0	105.0	46.0	64.3
DN 60/63	60.0	120.0	79x3.5	40.0	112.0	50.0	74.3
DN 70/73	70.0	120.0	90x3.5	40.0	125.0	50.0	77.6
DN 80/83	80.0	140.0	102x4	40.0	137.0	50.0	84.3
DN 100/103	100.0	140.0	125x4	45.0	157.0	55.0	101.6

SANITARY STAINLESS STEEL FITTINGS & VALVES

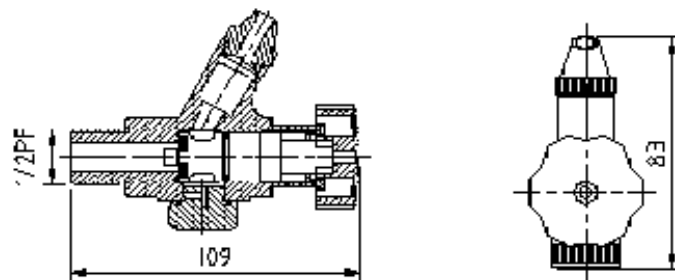
WELLGROW INDUSTRIES CORP.

Wine Sample Cocks

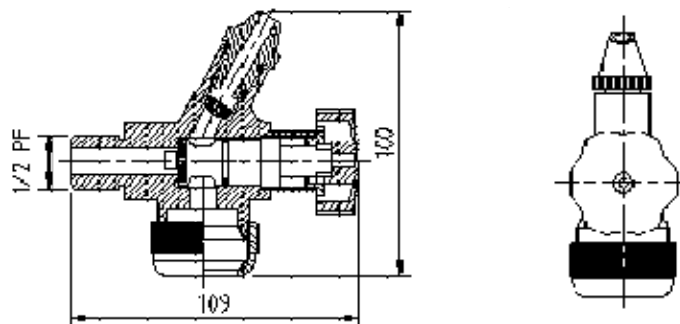
Upper Valves



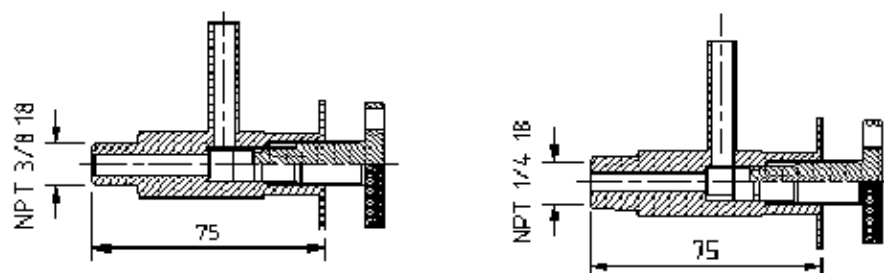
Test Valves



Level Valves



Sample Cock Valves

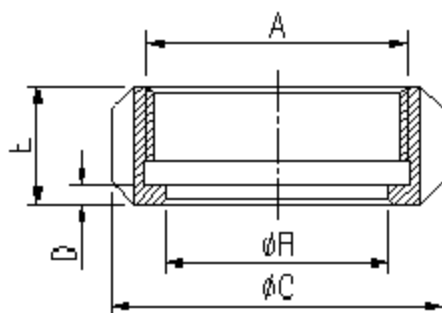


SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

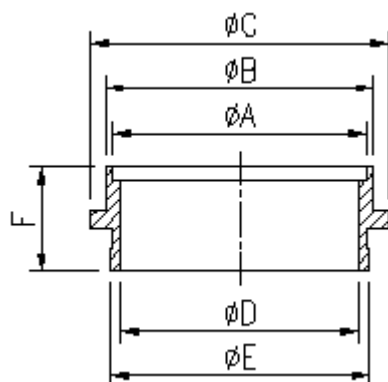
MACON Union

13MR Be Style M-Nut 4 Slots



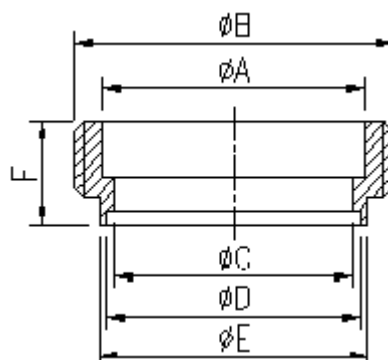
SIZE	A	B	C	D	E
DN 33	39x11TP1 WHIT	37.0	50.0	4.0	25.0
DN 43	M55xP3.0	47.0	70.0	4.0	25.0
DN 53	M67xP3.0	57.0	80.0	4.0	25.0
DN 63	M79xP3.5	67.0	95.0	4.0	25.0
DN 73	M90xP3.5	77.0	106.0	4.0	25.0
DN 83	M102xP4.0	90.0	118.0	4.0	25.0
DN 103	M125xP4.0	112.0	139.0	4.0	26.0

14M Be Style M-Nut 4 Slots



SIZE	A	B	C	D	E	F
DN 33	33.3	36.0	38.0	28.0	31.5	22.0
DN 38	38.2	46.0	50.0	35.9	44.5	29.0
DN 40/43	43.3	46.3	50.0	40.0	44.5	22.0
DN 50/53	53.3	56.3	62.5	50.0	54.5	22.0
DN 51	51.2	56.0	62.5	50.0	54.5	29.0
DN 60/63	63.3	66.3	73.5	60.0	64.5	22.0
DN 70/73	73.3	76.3	85.0	70.0	74.5	22.0
DN 76	72.0	76.0	85.0	70.0	74.5	22.0
DN 80/83	83.3	86.3	96.0	80.0	84.5	22.0
DN 103	104.2	108.0	119.0	100.0	104.5	22.0

15M Be Style M-Male



SIZE	A	B	C	D	E	F
DN 33	32.0	40.5x11TP1 WHIT	30.0	33.3	36.3	22.0
DN 38	45.0	M55xP3.0	35.9	38.2	46.0	30.0
DN 43	45.0	M55xP3.0	40.0	43.3	46.3	22.0
DN 51	55.0	M67xP3.0	48.5	51.2	56.0	30.0
DN 53	55.0	M67xP3.0	50.0	53.3	56.3	22.0
DN 63	66.0	M79xP3.5	60.0	63.3	66.3	22.0
DN 73	76.0	M90xP3.5	70.0	73.3	76.3	22.0
DN 76	76.0	M90xP3.5	70.0	72.0	76.0	22.0
DN 83	86.0	M102xP4.0	80.0	83.3	86.3	22.0
DN 103	106.0	M125xP4.0	100.0	104.2	108.0	22.0

SANITARY STAINLESS STEEL FITTINGS & VALVES

WELLGROW INDUSTRIES CORP.

Seal Material Properties

PROPERTY	NITRILE BUNA-N	ETHYLENE-PROPYLENE (EPDM)	SILICONE	FLOUROELASTOMER (VITON)	TEFLON (PTFE)
TENSILE STRENGTH	FAIR-GOOD	GOOD-EXCELLENT	GOOD	GOOD-EXCELLENT	EXCELLENT
ELECTRICAL PROPERTIES	FAIR-GOOD	EXCELLENT	EXCELLENT	GOOD	EXCELLENT
WEATHER RESISTANCE	FAIR-GOOD	EXCELLENT	EXCELLENT	GOOD	ELECTRICAL
OZONE RESISTANCE	FAIR	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
HEAT RESISTANCE	GOOD (225°F/ 107°C)	EXCELLENT (275°F/ 135°C)	EXCELLENT (450°F/ 232°C)	EXCELLENT (450°F/ 232°C)	EXCELLENT (400°F/ 204°C)
COLD RESISTANCE	FAIR-GOOD (-40°F/ -40°C)	GOOD-EXCELLENT (-55°F/ -48°C)	EXCELLENT (-80°F/ -29°C)	GOOD (-20°F/ -29°C)	FAIR (-110°F/ -79°C)
STEAM RESISTANCE	GOOD	GOOD	GOOD	GOOD	EXCELLENT
TEAR RESISTANCE	GOOD	GOOD	EXCELLENT	FAIR	EXCELLENT
ABRASION RESISTANCE	GOOD	GOOD-EXCELLENT	GOOD-EXCELLENT	GOOD	EXCELLENT
ACID RESISTANCE	GOOD	GOOD-EXCELLENT	GOOD	GOOD	EXCELLENT
PETROLEUM OIL	EXCELLENT	POOR	GOOD	EXCELLENT	EXCELLENT
FLAME RESISTANCE	POOR	POOR	POOR	POOR	EXCELLENT
VEGETABLE OIL	GOOD	GOOD (MOST)	GOOD	EXCELLENT (INTERMITTENT)	EXCELLENT