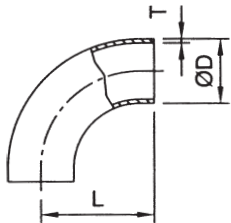
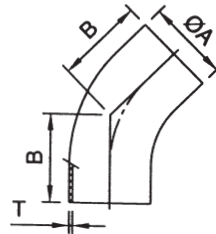


90° Short Tube Bend



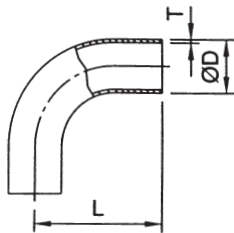
SIZE	D	L	T
1.0"	25.4	43.5	1.65
1.5"	38.1	63.5	1.65
2.0"	50.8	88.5	1.65
2.5"	63.5	113.5	1.65
3.0"	76.2	133.5	1.65
4.0"	101.6	173.5	2.10

45° Long Elbow



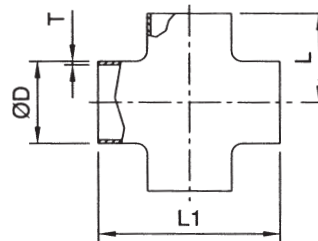
SIZE	A	B	T
1.0"	25.4	30.2	1.65
1.5"	38.1	41.3	1.65
2.0"	50.8	58.7	1.65
2.5"	63.5	76.2	1.65
3.0"	76.2	93.7	1.65
4.0"	101.6	122.2	2.10

90° Long Tube Bend



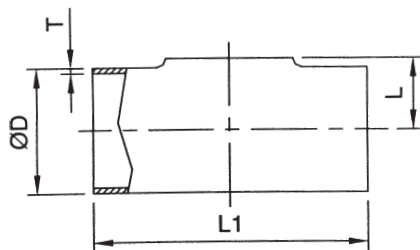
SIZE	D	L	T
1.0"	25.4	65	1.65
1.5"	38.1	85	1.65
2.0"	50.8	110	1.65
2.5"	63.5	135	1.65
3.0"	76.2	155	1.65
4.0"	101.6	195	2.10

Cross



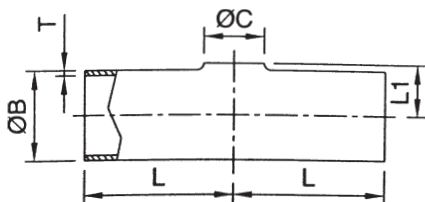
SIZE	D	L	L1	T
1.0"	25.4	65	130	1.65
1.5"	38.1	85	170	1.65
2.0"	50.8	110	220	1.65
2.5"	63.5	135	270	1.65
3.0"	76.2	155	310	1.65
4.0"	101.6	195	390	2.10

Pull Tee



SIZE	D	L	L1	T
1.0"	25.4	14.2	87	1.65
1.5"	38.1	21.6	127	1.65
2.0"	50.8	29.1	177	1.65
2.5"	63.5	35.3	227	1.65
3.0"	76.2	41.4	267	1.65
4.0"	101.6	54.7	347	2.10

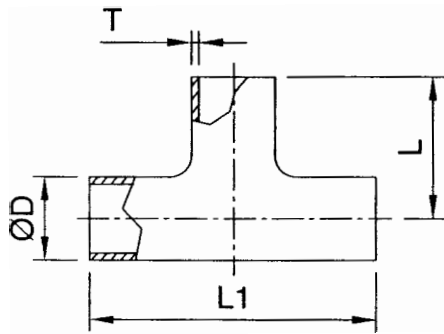
Reducing Tee W/O Straight End



SIZE	B	C	L	L1	T
1.5"x1.0"	38.1	25.4	63.5	22	1.65
2.0"x1.0"	50.8	25.4	88.5	29	1.65
2.0"x1.5"	50.8	38.1	88.5	29	1.65
2.5"x1.0"	63.5	25.4	113.5	35	1.65
2.5"x1.5"	63.5	38.1	113.5	35	1.65
2.5"x2.0"	63.5	50.8	113.5	35	1.65
3.0"x1.0"	76.2	25.4	132	41	1.65
3.0"x1.5"	76.2	38.1	129	41	1.65
3.0"x2.0"	76.2	50.8	122	41	1.65
3.0"x2.5"	76.2	63.5	122	41	1.65
4.0"x2.0"	101.6	50.8	173.5	55	2.10
4.0"x2.5"	101.6	63.5	173.5	55	2.10
4.0"x3.0"	101.6	76.2	173.5	55	2.10

Unit: mm

Welding Tee



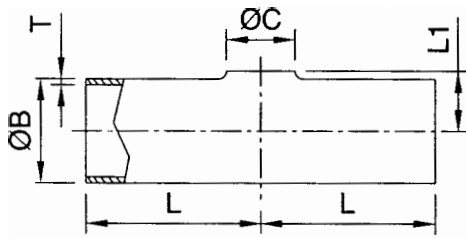
Welding Tee

SIZE	D	L	L1	T
1.0"	25.4	43.5	87	1.65
1.5"	38.1	63.5	127	1.65
2.0"	50.8	88.5	177	1.65
2.5"	63.5	113.5	227	1.65
3.0"	76.2	133.5	267	1.65
4.0"	101.6	173.5	347	2.10

Long Tee

SIZE	D	L	L1	T
1.0"	25.4	65	130	1.65
1.5"	38.1	85	170	1.65
2.0"	50.8	110	220	1.65
2.5"	63.5	135	270	1.65
3.0"	76.2	155	310	1.65
4.0"	101.6	195	390	2.10

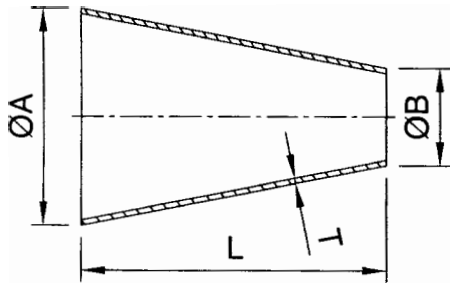
Long Reducing Tee W/O Straight End



SIZE	B	C	L	L1	T
1.5"x1.0"	38.1	25.4	63.5	22	1.65
2.0"x1.0"	50.8	25.4	88.5	29	1.65
2.0"x1.5"	50.8	38.1	88.5	29	1.65
2.5"x1.0"	63.5	25.4	113.5	35	1.65
2.5"x1.5"	63.5	38.1	113.5	35	1.65
2.5"x2.0"	63.5	50.8	113.5	35	1.65
3.0"x1.0"	76.2	25.4	113.5	41	1.65

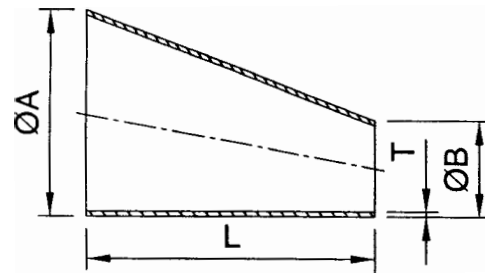
SIZE	B	C	L	L1	T
3.0"x1.5"	76.2	38.1	113.5	41	1.65
3.0"x2.0"	76.2	50.8	113.5	41	1.65
3.0"x2.5"	76.2	63.5	113.5	41	1.65
4.0"x2.0"	101.6	50.8	173.5	55	2.10
4.0"x2.5"	101.6	63.5	173.5	55	2.10
4.0"x3.0"	101.6	76.2	173.5	55	2.10

Concentric Reducer



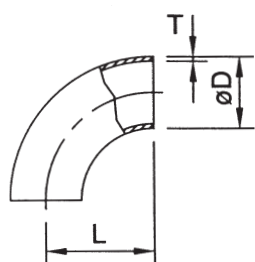
SIZE	A	B	L	T
1.5"x1.0"	38.1	25.4	29	1.65
2.0"x1.0"	50.8	25.4	53	1.65
2.0"x1.5"	50.8	38.1	41	1.65
2.5"x1.0"	63.5	25.4	82	1.65
2.5"x1.5"	63.5	38.1	64	1.65
2.5"x2.0"	63.5	50.8	40	1.65
3.0"x1.0"	76.2	25.4	110	1.65
3.0"x1.5"	76.2	38.1	81	1.65
3.0"x2.0"	76.2	50.8	55	1.65
3.0"x2.5"	76.2	63.5	41	1.65
4.0"x1.5"	101.6	38.1	135	2.10
4.0"x2.0"	101.6	50.8	106	2.10
4.0"x2.5"	101.6	63.5	76	2.10
4.0"x3.0"	101.6	76.2	53	2.10

Eccentric Reducer



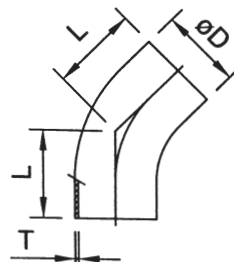
SIZE	A	B	L	T
1.5"x1.0"	38.1	25.4	35	1.65
2.0"x1.0"	50.8	25.4	54	1.65
2.0"x1.5"	50.8	38.1	36	1.65
2.5"x1.0"	63.5	25.4	76	1.65
2.5"x1.5"	63.5	38.1	66	1.65
2.5"x2.0"	63.5	50.8	35	1.65
3.0"x1.0"	76.2	25.4	112	1.65
3.0"x1.5"	76.2	38.1	78	1.65
3.0"x2.0"	76.2	50.8	66	1.65
3.0"x2.5"	76.2	63.5	44	1.65
4.0"x1.5"	101.6	38.1	122	2.10
4.0"x2.0"	101.6	50.8	97	2.10
4.0"x2.5"	101.6	63.5	73	2.10
4.0"x3.0"	101.6	76.2	77	2.10

AS 90° Long Bend



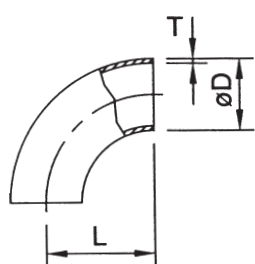
SIZE	øD	L	T
1/2"	12.7	49.1	1.6
3/4"	19.1	58.6	1.6
1.0"	25.4	68.1	1.6
1 1/4"	31.8	77.7	1.6
1.5"	38.1	87.0	1.6
2.0"	50.8	106.2	1.6
2.5"	63.5	125.0	1.6
3.0"	76.2	144.2	1.6
4.0"	101.6	182.4	2.0

AS 45° Long Elbow



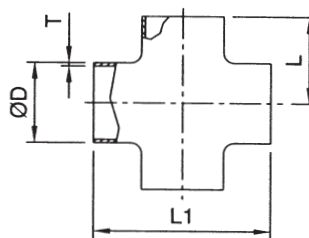
SIZE	øD	L	T
1/2"	12.7	30	1.6
3/4"	19.1	30	1.6
1.0"	25.4	30	1.6
1 1/4"	31.8	30	1.6
1.5"	38.1	30	1.6
2.0"	50.8	30	1.6
2.5"	63.5	30	1.6
3.0"	76.2	30	1.6
4.0"	101.6	30	2.0

AS 90° Short Bend



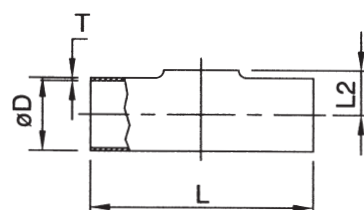
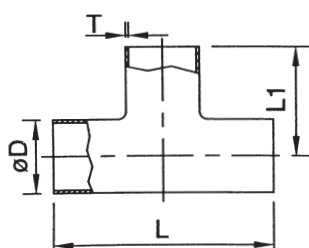
SIZE	øD	L	T
1/2"	12.7	19.1	1.6
3/4"	19.1	28.6	1.6
1.0"	25.4	38.1	1.6
1 1/4"	31.8	47.7	1.6
1.5"	38.1	57.0	1.6
2.0"	50.8	76.2	1.6
2.5"	63.5	95.0	1.6
3.0"	76.2	114.2	1.6
4.0"	101.6	152.4	2.0

AS Long Tee



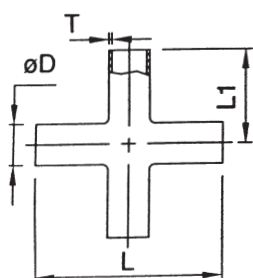
SIZE	øD	L	L1	T
1/2"	12.7	98.2	49.1	1.6
3/4"	19.1	117.2	58.6	1.6
1.0"	25.4	136.2	68.1	1.6
1 1/4"	31.8	155.4	77.7	1.6
1.5"	38.1	174	87.0	1.6
2.0"	50.8	212.4	106.2	1.6
2.5"	63.5	250	125.0	1.6
3.0"	76.2	288.4	144.2	1.6
4.0"	101.6	364.8	182.4	2.0

AS Short Tee/ Equal Tee



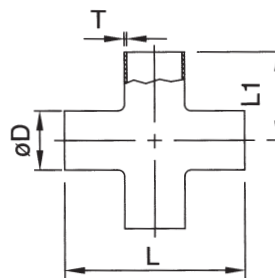
SIZE	øD	L	L1	L2	T
1/2"	12.7	38.2	19.1	9.35	1.6
3/4"	19.1	57.2	28.6	12.55	1.6
1.0"	25.4	76.2	38.1	15.7	1.6
1 1/4"	31.8	95.4	47.7	18.9	1.6
1.5"	38.1	114	57.0	22.05	1.6
2.0"	50.8	152.4	76.2	28.4	1.6
2.5"	63.5	190	95.0	34.75	1.6
3.0"	76.2	228.4	114.2	41.1	1.6
4.0"	101.6	304.8	152.4	53.8	2.0

AS Long Cross



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

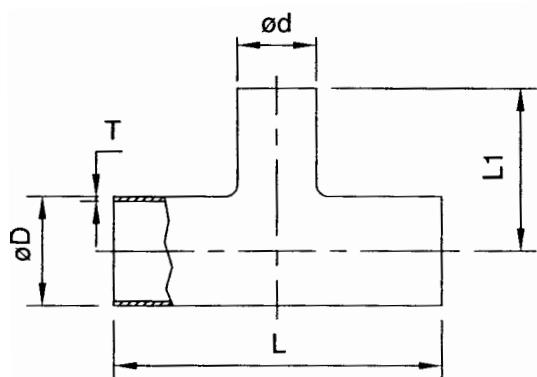
AS Short Cross



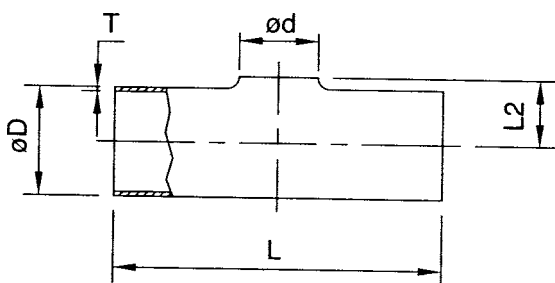
SIZE	øD	L	L1	T
1/2"	12.7	38.2	19.1	1.6
3/4"	19.1	57.2	28.6	1.6
1.0"	25.4	76.2	38.1	1.6
1 1/4"	31.8	95.4	47.7	1.6
1.5"	38.1	114	57.0	1.6
2.0"	50.8	152.4	76.2	1.6
2.5"	63.5	190	95.0	1.6
3.0"	76.2	228.4	114.2	1.6
4.0"	101.6	304.8	152.4	2.0

Unit: mm

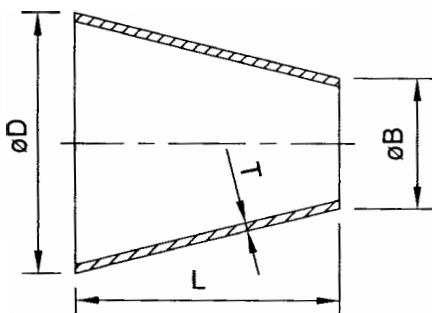
AS Reducing Tee & Equal Reducing Tee



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

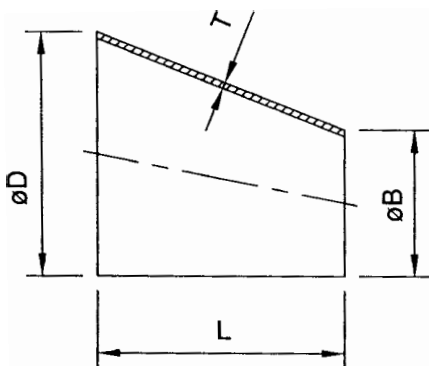


AS Concentric Reducer

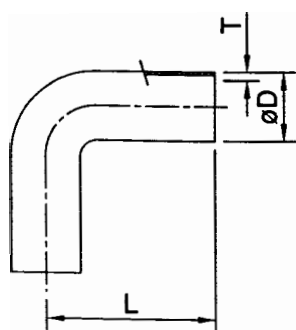


SIZE	øD	d	L	T
3/4"x1/2"	19.1	12.7	19.1	1.6
1.0"x1/2"	25.4	12.7	25.4	1.6
1.0"x3/4"	25.4	19.1	25.4	1.6
1 1/4"x3/4"	31.8	19.1	31.8	1.6
1 1/4"x1.0"	31.8	25.4	31.8	1.6
1.5"x3/4"	38.1	19.1	38.1	1.6
1.5"x1.0"	38.1	25.4	38.1	1.6
2.0"x1/2"	50.8	12.7	50.8	1.6
2.0"x2.4"	50.8	19.1	50.8	1.6
2.0"x1.0"	50.8	25.4	50.8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

AS Eccentric Reducer



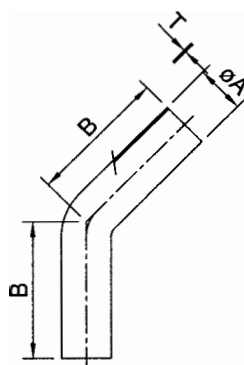
BPE-25 90° Bend



DT-7

SIZE	D	L	T
1/2"	12.7	76.2	1.65
3/4"	19.05	76.2	1.65
1.0"	25.4	76.2	1.65
1.5"	38.1	95.3	1.65
2.0"	50.8	120.7	1.65
2.5"	63.5	139.7	1.65
3.0"	76.2	158.8	1.65
4.0"	101.6	203.2	2.10

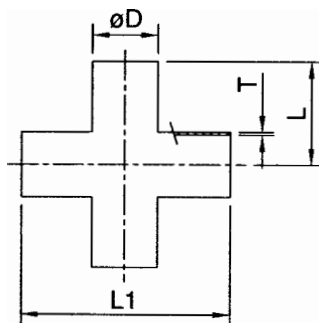
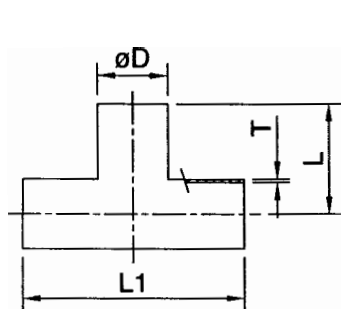
BPE-2KS 45° Elbow



DT-8

SIZE	A	B	T
1/2"	12.7	57.2	1.65
3/4"	19.05	57.2	1.65
1.0"	25.4	57.2	1.65
1.5"	38.1	63.5	1.65
2.0"	50.8	76.2	1.65
2.5"	63.5	85.7	1.65
3.0"	76.2	92.1	1.65
4.0"	101.6	114.3	2.10

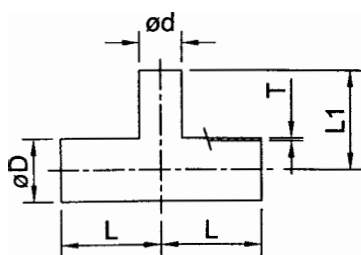
BPE-7W Tee & BPE-9W Cross



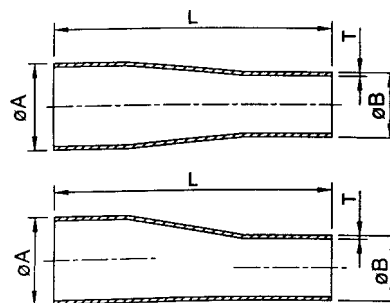
DT-9

SIZE	D	L	L1	T
1/2"	12.7	47.6	95.2	1.65
3/4"	19.05	50.8	101.6	1.65
1.0"	25.4	54	108	1.65
1.5"	38.1	60.3	120.6	1.65
2.0"	50.8	73	146	1.65
2.5"	63.5	79.4	158.8	1.65
3.0"	76.2	85.7	171.4	1.65
4.0"	101.6	104.8	209.6	2.10

BPE-7RW Reducing Tee



BPE-31 Concentric & BPE-32 Eccentric Reducer



DT-10

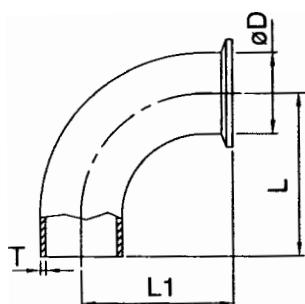
SIZE	D	d	L	L1	T
3/4"1/2"	19.05	12.7	50.8	50.8	1.65
1"x1/2"	25.4	12.7	54	54	1.65
1"x3/4"	25.4	19.05	54	54	1.65
1.5"x1/2"	38.1	12.7	60.3	60.3	1.65
1.5"x3/4"	38.1	19.05	60.3	60.3	1.65
1.5"x1.0"	38.1	25.4	60.3	60.3	1.65
2.0"x1.0"	50.8	25.4	73	66.7	1.65
2.0"x1.5"	50.8	38.1	73	66.7	1.65
2.5"x1.5"	63.5	38.1	79.4	73	1.65
2.5"x2.0"	63.5	50.8	79.4	73	1.65
3.0"x1.5"	76.2	38.1	85.7	79.4	1.65
3.0"x2.0"	76.2	50.8	85.7	79.4	1.65
3.0"x2.5"	76.2	63.5	85.7	79.4	1.65
4.0"x2.0"	101.6	50.8	104.8	98.4	2.10
4.0"x2.5"	101.6	63.5	104.8	98.4	2.10
4.0"x3.0"	101.6	76.2	104.8	98.4	2.10

DT-11

SIZE	A	B	L	T
3/4"1/2"	19.05	12.7	101.6	1.65
1"x1/2"	25.4	12.7	114.3	1.65
1"x3/4"	25.4	19.05	101.6	1.65
1.5"x1/2"	38.1	12.7	139.7	1.65
1.5"x3/4"	38.1	19.05	127	1.65
1.5"x1.0"	38.1	25.4	127	1.65
2.0"x1.5"	50.8	38.1	133.4	1.65
2.5"x1.5"	63.5	38.1	184.2	1.65
2.5"x2.0"	63.5	50.8	139.7	1.65
3.0"x1.5"	76.2	38.1	235	1.65
3.0"x2.0"	76.2	50.8	190.5	1.65
3.0"x2.5"	76.2	63.5	139.7	1.65
4.0"x1.5"	101.6	38.1	342.9	2.10
4.0"x2.0"	101.6	50.8	298.5	2.10
4.0"x2.5"	101.6	63.5	247.7	2.10
4.0"x3.0"	101.6	76.2	196.9	2.10

Unit: mm

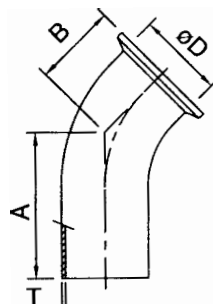
BPE-90° Weld / Clamp Bend



DT-12

SIZE	D	L	L1	T
1/2"	12.7	76.2	41.3	1.65
3/4"	19.05	76.2	41.3	1.65
1.0"	25.4	76.2	50.8	1.65
1.5"	38.1	95.3	69.9	1.65
2.0"	50.8	120.7	88.9	1.65
2.5"	63.5	139.7	108	1.65
3.0"	76.2	158.8	127	1.65
4.0"	101.6	203.2	168.3	2.11

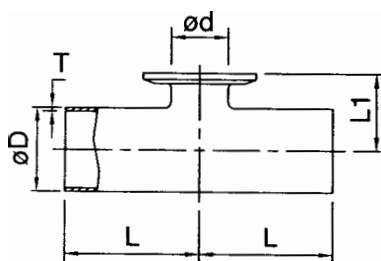
BPE-45° Weld / Clamp Bend



DT-13

SIZE	D	L	L1	T
1/2"	12.7	57.2	25.4	1.65
3/4"	19.05	57.2	25.4	1.65
1.0"	25.4	57.2	28.6	1.65
1.5"	38.1	63.5	36.5	1.65
2.0"	50.8	76.2	44.5	1.65
2.5"	63.5	85.7	52.4	1.65
3.0"	76.2	92.1	60.3	1.65
4.0"	101.6	114.3	79.4	2.11

BPE-Short Outlet Weld / Clamp Reducing Tee

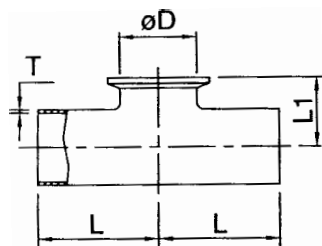


DT-14

SIZE	D	d	L	L1	T
3/4"x1/2"	19.05	12.7	50.8	25.4	1.65
1.0"x1/2"	25.4	12.7	51	28.6	1.65
1.0"x3/4"	25.4	19.05	51	28.6	1.65
1.5"x3/4"	38.1	12.7	60.3	34.9	1.65
1.5"x3/4"	38.1	19.05	60.3	34.9	1.65
1.5"x1.0"	38.1	25.4	60.3	34.9	1.65
2.0"x1/2"	50.8	12.7	73	41.3	1.65
2.0"x3/4"	50.8	19.05	73	41.3	1.65
2.0"x1.0"	50.8	25.4	73	41.3	1.65
2.0"x1.5"	50.8	38.1	73	41.3	1.65
2.5"x1/2"	63.5	12.7	79.4	47.6	1.65
2.5"x3/4"	63.5	19.05	79.4	47.6	1.65
2.5"x1.0"	63.5	25.4	79.4	47.6	1.65

SIZE	D	d	L	L1	T
2.5"x1.5"	63.5	38.1	79.4	47.6	1.65
2.5"x2.0"	63.5	50.8	79.4	47.6	1.65
3.0"x1/2"	76.2	12.7	85.7	54	1.65
3.0"x3/4"	76.2	19.05	85.7	54	1.65
3.0"x1.0"	76.2	25.4	85.7	54	1.65
3.0"x1.5"	76.2	38.1	85.7	54	1.65
3.0"x2.0"	76.2	50.8	85.7	54	1.65
3.0"x2.5"	76.2	63.5	85.7	54	1.65
4.0"x1.0"	101.6	25.4	104.8	66.7	2.11
4.0"x1.5"	101.6	38.1	104.8	66.7	2.11
4.0"x2.0"	101.6	50.8	104.8	66.7	2.11
4.0"x2.5"	101.6	63.5	104.8	66.7	2.11
4.0"x3.0"	101.6	76.2	104.8	66.7	2.11

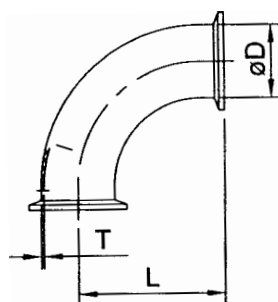
BPE-Equal Outlet Weld / Clamp Tee



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
1.0"	25.4	54	28.6	1.65
1.5"	38.1	60.3	34.9	1.65
2.0"	50.8	73	41.3	1.65
2.5"	63.5	79.4	47.6	1.65
3.0"	76.2	85.7	54	1.65
4.0"	101.6	104.8	69.9	2.11

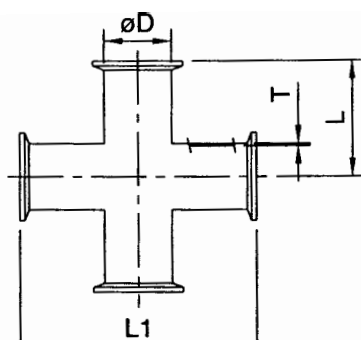
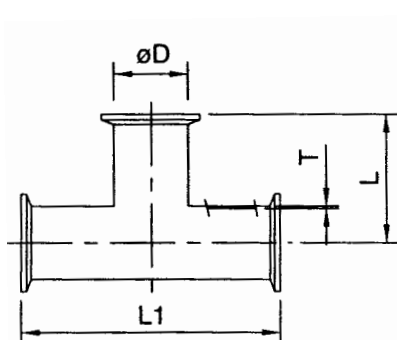
BPE-2CMP 90° Clamp Bend



DT-16

SIZE	A	B	T
1/2"	12.7	41.3	1.65
3/4"	19.05	41.3	1.65
1.0"	25.4	50.8	1.65
1.5"	38.1	69.9	1.65
2.0"	50.8	88.9	1.65
2.5"	63.5	108	1.65
3.0"	76.2	127	1.65
4.0"	101.6	168.3	2.10

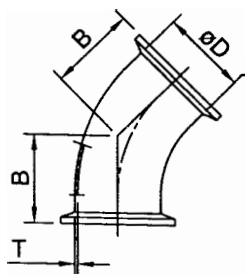
BPE-7MP Clamp Tee & BPE-9MP Cross



DT-18

SIZE	D	L	L1	T
1/2"	12.7	57.2	114.4	1.65
3/4"	19.05	60.3	120.6	1.65
1.0"	25.4	66.7	123.4	1.65
1.5"	38.1	73	146	1.65
2.0"	50.8	85.7	171.4	1.65
2.5"	63.5	92.1	182.2	1.65
3.0"	76.2	98.4	196.8	1.65
4.0"	101.6	120.7	241.4	2.10

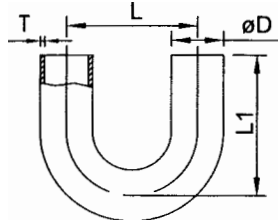
BPE-2KMP 45° Clamp Elbow



DT-17

SIZE	D	B	T
1/2"	12.7	25.4	1.65
3/4"	19.05	25.4	1.65
1.0"	25.4	28.6	1.65
1.5"	38.1	36.5	1.65
2.0"	50.8	44.5	1.65
2.5"	63.5	52.4	1.65
3.0"	76.2	60.3	1.65
4.0"	101.6	79.4	2.10

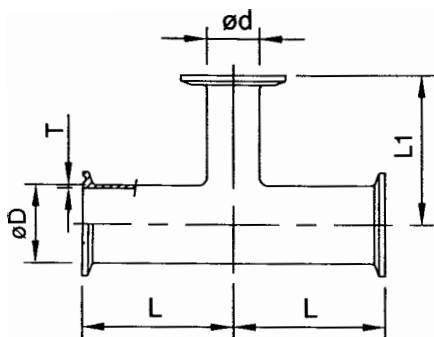
BPE-180° Tube Weld



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
1.0"	25.4	114.3	76.2	1.65
1.5"	38.1	152.4	114.3	1.65
2.0"	50.8	152.4	127	1.65
2.5"	63.5	190.5	146.1	1.65
3.0"	76.2	228.6	165.1	1.65
4.0"	101.6	304.8	215.9	2.11

BPE-Reducing Tee Clamp End

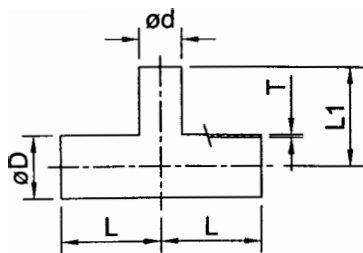


DT-19

SIZE	D	d	L	L1	T
3/4"x1/2"	19.05	12.7	63.5	63.5	1.65
1.0"x1/2"	25.4	12.7	66.7	66.7	1.65
1.0"x3/4"	25.4	19.05	66.7	66.7	1.65
1.5"x1/2"	38.1	12.7	73	73	1.65
1.5"x3/4"	38.1	19.05	73	73	1.65
1.5"x1.0"	38.1	25.4	73	73	1.65
2.0"x1.0"	50.8	25.4	85.7	79.4	1.65
2.0"x1.5"	50.8	38.1	85.7	79.4	1.65
2.5"x1.0"	63.5	25.4	92.1	85.7	1.65
2.5"x1.5"	63.5	38.1	92.1	85.7	1.65

SIZE	D	d	L	L1	T
2.5"x2.0"	63.5	50.8	92.1	85.7	1.65
3.0"x1.0"	76.2	25.4	98.4	92.1	1.65
3.0"x1.5"	76.2	38.1	98.4	92.1	1.65
3.0"x2.0"	76.2	50.8	98.4	98.4	1.65
3.0"x2.5"	76.2	63.5	98.4	98.4	1.65
4.0"x1.0"	101.6	25.4	120.7	104.8	2.11
4.0"x1.5"	101.6	38.1	120.7	104.8	2.11
4.0"x2.0"	101.6	50.8	120.7	111.1	2.11
4.0"x2.5"	101.6	63.5	120.7	111.1	2.11
4.0"x3.0"	101.6	76.2	120.7	111.1	2.11

BPE-7RMP Clamp Reducing Tee



DT-20

SIZE	D	d	L	L1	T
3/4"x1/2"	19.05	12.7	63.5	25.4	1.65
1"x1/2"	25.4	12.7	66.7	28.6	1.65
1"x3/4"	25.4	19.05	66.7	28.6	1.65
1.5"x1/2"	38.1	12.7	73	34.9	1.65
1.5"x3/4"	38.1	19.05	73	34.9	1.65
1.5"x1.0"	38.1	25.4	73	34.9	1.65
2.0"x1.0"	50.8	25.4	85.7	41.3	1.65
2.0"x1.5"	50.8	38.1	92.1	47.6	1.65
2.5"x1.5"	63.5	38.1	92.1	47.6	1.65
2.5"x2.0"	63.5	50.8	92.1	47.6	1.65
3.0"x1.5"	76.2	38.1	98.4	54	1.65
3.0"x2.0"	76.2	50.8	98.4	54	1.65
3.0"x2.5"	76.2	63.5	98.4	54	1.65
4.0"x2.0"	101.6	50.8	120.7	66.7	2.10
4.0"x2.5"	101.6	63.5	120.7	66.7	2.10
4.0"x3.0"	101.6	76.2	120.7	66.7	2.10

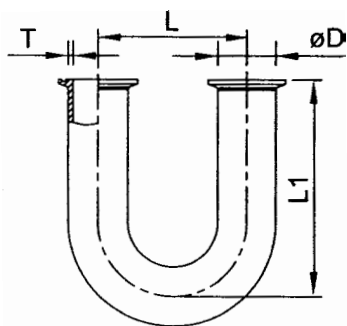
BPE-31-14MP Concentric & BPE-32-14MP Eccentric Reducer

DT-21

SIZE	A	B	L	T
3/4"x1/2"	19.05	12.7	50.8	1.65
1"x1/2"	25.4	12.7	63.5	1.65
1"x3/4"	25.4	19.05	50.8	1.65
1.5"x1/2"	38.1	12.7	88.9	1.65
1.5"x3/4"	38.1	19.05	76.2	1.65
1.5"x1.0"	38.1	25.4	76.2	1.65
2.0"x1.5"	50.8	38.1	76.2	1.65
2.5"x1.5"	63.5	38.1	127	1.65
2.5"x2.0"	63.5	50.8	76.2	1.65
3.0"x1.5"	76.2	38.1	177.8	1.65
3.0"x2.0"	76.2	50.8	127	1.65
3.0"x2.5"	76.2	63.5	76.2	1.65
4.0"x1.5"	101.6	38.1	282.6	2.10
4.0"x2.0"	101.6	50.8	231.8	2.10
4.0"x2.5"	101.6	63.5	181	2.10
4.0"x3.0"	101.6	76.2	130.2	2.10

Unit: mm

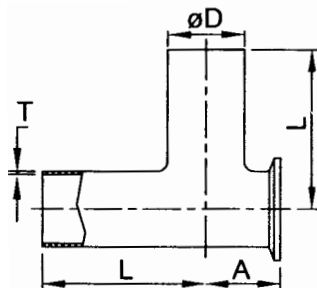
BPE-180° Clamp Joint



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
1.0"	25.4	114.3	88.9	1.65
1.5"	38.1	152.4	127	1.65
2.0"	50.8	152.4	139.7	1.65
2.5"	63.5	190.5	165.1	1.65
3.0"	76.2	228.6	177.8	1.65
4.0"	101.6	304.8	231.8	2.11

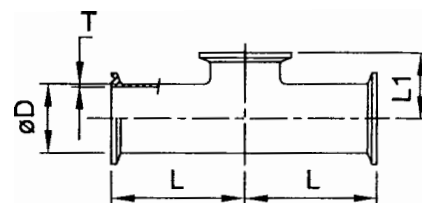
BPE-Short Outlet Run Tee



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
1.0"	25.4	28.6	54	1.65
1.5"	38.1	34.9	60.3	1.65
2.0"	50.8	41.3	73	1.65
2.5"	63.5	47.6	79.4	1.65
3.0"	76.2	54.0	85.7	1.65
4.0"	101.6	69.9	104.8	2.11

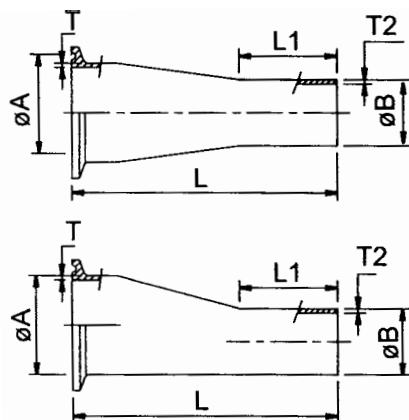
BPE-Short Outlet Tee Clamp End



DT-26

SIZE	D	A	L	T
1/2"	12.7	57.2	25.4	1.65
3/4"	19.05	60.3	28.6	1.65
1.0"	25.4	66.7	28.6	1.65
1.5"	38.1	73	34.9	1.65
2.0"	50.8	85.7	41.3	1.65
2.5"	63.5	92.1	47.6	1.65
3.0"	76.2	98.4	54	1.65
4.0"	101.6	120.7	69.9	2.11

BPE-Concentric & Eccentric Reducer Clamp End

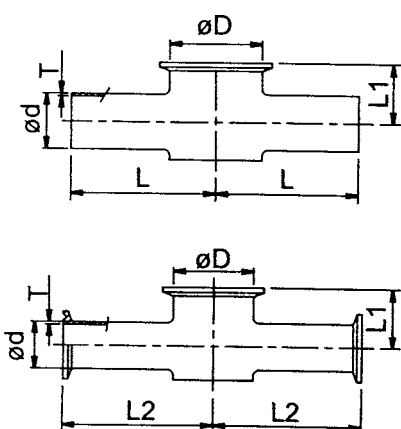


DT-26

SIZE	A	B	L	T1	T2
3/4"x1/2"	19.05	12.7	76.2	1.65	1.65
1.0"x1/2"	25.4	12.7	88.9	1.65	1.65
1.0"x3/4"	25.4	19.05	76.2	1.65	1.65
1.5"x1/2"	38.1	12.7	114.3	1.65	1.65
1.5"x3/4"	38.1	19.05	101.6	1.65	1.65
1.5"x1.0"	38.1	25.4	101.6	1.65	1.65
2.0"x1/2"	50.8	12.7	165.4	1.65	1.65
2.0"x3/4"	50.8	19.05	152.4	1.65	1.65
2.0"x1.0"	50.8	25.4	152.4	1.65	1.65
2.0"x1.5"	50.8	38.1	101.6	1.65	1.65

SIZE	A	B	L	T1	T2
2.5"x1.5"	63.5	38.1	152.4	1.65	1.65
2.5"x2.0"	63.5	50.8	108	1.65	1.65
3.0"x1.5"	76.2	38.1	203.2	1.65	1.65
3.0"x2.0"	76.2	50.8	158.8	1.65	1.65
3.0"x2.5"	76.2	63.5	108	1.65	1.65
4.0"x1.5"	101.6	38.1	308	2.11	1.65
4.0"x2.0"	101.6	50.8	263.5	2.11	1.65
4.0"x2.5"	101.6	63.5	212.7	2.11	1.65
4.0"x3.0"	101.6	76.2	161.9	2.11	1.65

BPE-Instrument Tee Clamp / Weld End

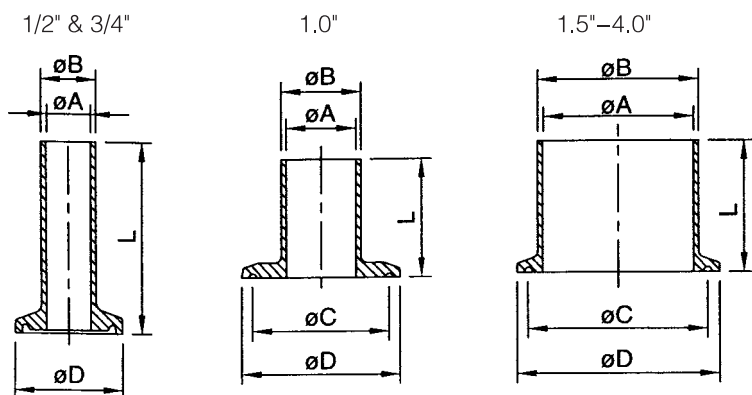


DT-28 / DT-29

SIZE	D	d	L	L1	L2	T
1.0"x1/2"	25.4	12.7	63.5	22.2	77	1.65
1.0"x3/4"	25.4	19.05	63.5	25.4	77	1.65
1.5"x1/2"	38.1	12.7	63.5	22.2	76.2	1.65
1.5"x3/4"	38.1	19.05	63.5	25.4	76.2	1.65
1.5"x1.0"	38.1	25.4	63.5	28.6	76.2	1.65
2.0"x1/2"	50.8	12.7	69.9	25.4	82.6	1.65
2.0"x3/4"	50.8	19.05	69.9	28.6	82.6	1.65
2.0"x1.0"	50.8	25.4	69.9	31.8	82.6	1.65
2.0"x1.5"	63.5	38.1	69.9	38.1	82.6	1.65
2.5"x1/2"	63.5	12.7	85	35	97	1.65
2.5"x3/4"	63.5	19.05	85	38.1	97	1.65
2.5"x1.0"	63.5	25.4	85	41.3	97	1.65
2.5"x1.5"	63.5	38.1	85	44.5	97	1.65
2.5"x2.0"	63.5	50.8	85	48	97	1.65

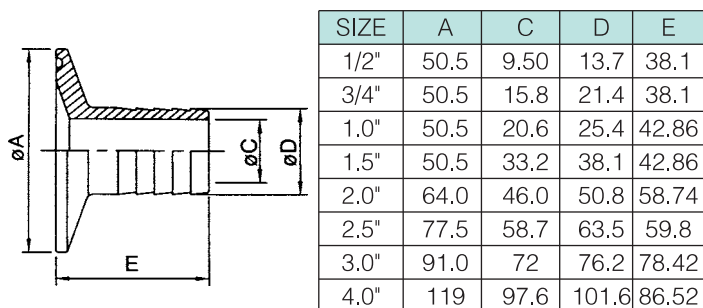
SIZE	D	d	L	L1	L2	T
3.0"x1/2"	76.2	12.7	90	38.1	102	1.65
3.0"x3/4"	76.2	19.05	90	41.3	102	1.65
3.0"x1.0"	76.2	25.4	90	44.5	102	1.65
3.0"x1.5"	76.2	38.1	90	48	102	1.65
3.0"x2.0"	76.2	50.8	90	50.8	102	1.65
3.0"x2.5"	76.2	63.5	90	54	102	1.65
4.0"x1/2"	101.6	12.7	110	79.4	122	1.65
4.0"x3/4"	101.6	19.05	110	82.6	122	1.65
4.0"x1.0"	101.6	25.4	110	85.7	122	1.65
4.0"x1.5"	101.6	38.1	110	88.9	122	1.65
4.0"x2.0"	101.6	50.8	110	95.2	122	1.65
4.0"x2.5"	101.6	63.5	110	98.4	122	1.65
4.0"x3.0"	101.6	76.2	110	101.6	122	1.65

BPE-14AMP-AWF Weld Ferrule

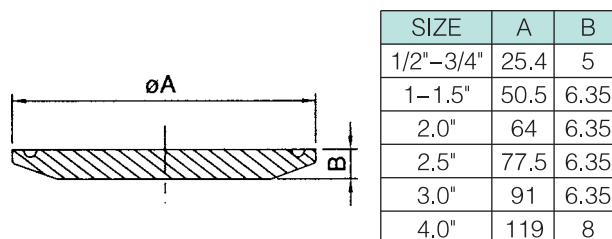


SIZE	A	B	C	D	L	L1	L2
1/2"	9.40	12.7		25	44.5	12.7	28.6
3/4"	15.7	19.1		25	44.5	12.7	28.6
1.0"	22.1	25.4	43.5	50.5	44.5	12.7	28.6
1.5"	34.8	38.1	43.5	50.5	44.5	12.7	28.6
2.0"	47.5	50.8	56.5	64.0	57.2	12.7	28.6
2.5"	60.2	63.5	70.5	77.5	57.2	12.7	28.6
3.0"	72.9	76.2	83.5	91.0	57.2	12.7	28.6
4.0"	97.4	101.6	110.0	119.0	57.2	12.7	28.6

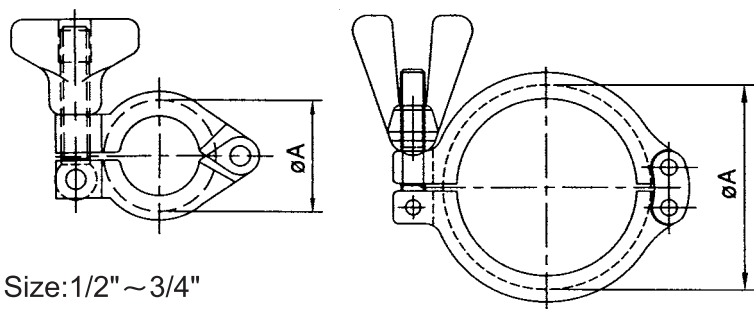
BPE-14MPHR Rubber Hose Adapter



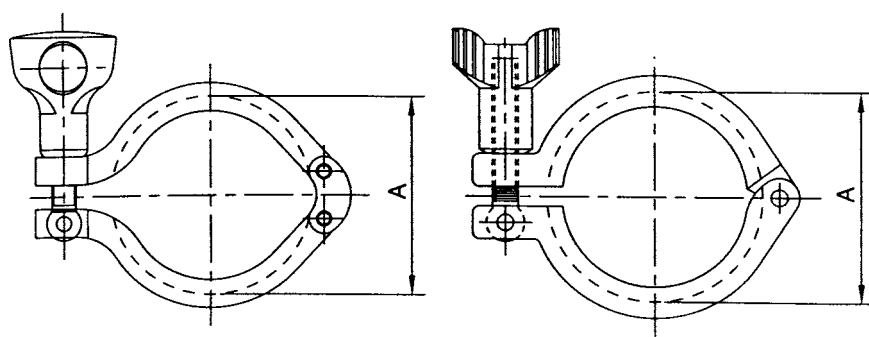
BPE-16AMP Solid End Cap



13MHH & 13MHM



Size: 1/2" ~ 3/4"
(13MHM & 13MHH & 13SF)



SIZE	A
1/2"-3/4"	28.2
1.5"	53.6
2.0"	67
2.5"	80.6
3.0"	94
4.0"	122
6.0"	175
8.0"	226