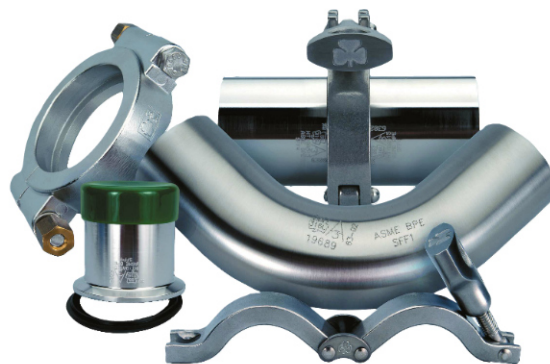


1.5 Tri-Clover® UltraPure, ASME BPE

The installation material in this section is manufactured to meet Tri-Clover® UltraPure, ASME BPE tube dimensions.



Price lists	
Tubes	1.5.158
Bends	1.5.159
Bends	1.5.161
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1.5

Finish Item No.	PPL EUR pr. meter	Finish Item No.	PPL EUR pr. meter	Size DN/OD		Dimension (mm)	ASME BPE
				Inch	mm		
9613407101	50.09	9613407111	64.15	1/2	12.70	12.7/9.40 x 1.65	
9613407102	67.05	9613407112	75.96	3/4	19.05	19.0/15.7 x 1.65	
9613407103	23.99	9613407113	69.59	1	25.40	25.4/22.1 x 1.65	
9613407104	32.13	9613407114	78.64	1 1/2	38.10	38.1/34.8 x 1.65	
9613407105	42.91	9613407115	96.25	2	50.80	50.8/47.5 x 1.65	
9613407106	54.5	9613407116	115.75	2 1/2	63.50	63.5/60.2 x 1.65	
9613407107	65.14	9613407117	123.8	3	76.20	76.2/72.9 x 1.65	
9613407108	109.07	9613407118	191.21	4	101.60	101.6/97.38 x 2.11	

OD/ID and t (wall thickness) of the fittings in chapter 1.6 (Tri-Clover® UltraPure ASME BPE) with weld end connections is identical to the above.

* PPL prices are updated monthly

Please contact your Alfa Laval contact person for further information.

NOTE: All tubes are delivered in lengths of 6.1 meters.

Product code: 5016, 5017
According to DT-7, DT-12, DT-16

Material: 316L

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size DN/OD		Dimension A		B2S Bend 90°
				Inch	mm	Inch	mm	
Product code: 5016								
9634000219	50.13	9634000228	59.97	1/2	12.7	3.00	76.2	
9634000220	50.13	9634000229	59.97	3/4	19.0	3.00	76.2	
9634000221	44.64	9634000230	54.59	1	25.4	3.00	76.2	
9634000222	44.64	9634000231	56.39	1 1/2	38.1	3.75	95.3	
9634000223	54.59	9634000232	66.22	2	50.8	4.75	120.7	
9634000224	82.33	9634000233	98.43	2 1/2	63.5	5.50	139.7	
9634000225	113.64	9634000234	132.46	3	76.2	6.25	158.8	
9634000226	196.87	9634000235	634.9	4	101.6	8.00	203.2	
9634000227	1647.33	9634000236	1485.26	6	152.4	11.50	292.1	

OD/ID and t (wall thickness) please see page 1.5.158

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size DN/OD		Dimension				B2CMW Bend 90°
				Inch	mm	A		B		
PL (SF1)		PM (SF4)		Inch	mm	Inch	mm	Inch	mm	
Product code: 5016										
9634001919	71.25	9634001928	83.81	1/2	12.7	3.00	76.2	1.63	41.3	
9634001920	71.25	9634001929	85.93	3/4	19.0	3.00	76.2	1.63	41.3	
9634001921	65.08	9634001930	86.99	1	25.4	3.00	76.2	2.00	50.8	
9634001922	65.08	9634001931	88.05	1 1/2	38.1	3.75	95.3	2.75	69.9	
9634001923	82.33	9634001932	97.73	2	50.8	4.75	120.7	3.50	88.9	
9634001924	127.52	9634001933	147.02	2 1/2	63.5	5.50	139.7	4.25	108.0	
9634001925	163.77	9634001934	186.12	3	76.2	6.25	158.8	5.00	127.0	
9634001926	407.49	9634001935	297.1	4	101.6	8.00	203.2	6.63	168.2	
Product code: 5017										
9634002819	68	9634002828	84.87	1/2	12.7	1.63	41.3			
9634002820	68	9634002829	86.99	3/4	19.0	1.63	41.3			
9634002821	59.97	9634002830	88.05	1	25.4	2.00	50.8			
9634002822	59.97	9634002831	89.12	1 1/2	38.1	2.75	69.9			
9634002823	80.55	9634002832	94.86	2	50.8	3.50	88.9			
9634002824	133.33	9634002833	149.45	2 1/2	63.5	4.25	108.0			
9634002825	149.44	9634002834	212.18	3	76.2	5.00	127.0			
9634002826	566.25	9634002835	424.36	4	101.6	6.63	168.3			
9634002827	1859.05	9634002836	1983.74	6	152.4	10.50	266.7			

NOTE: For pressure and surface, please see product leaflet.

OD/ID and t (wall thickness) please see page 1.5.158

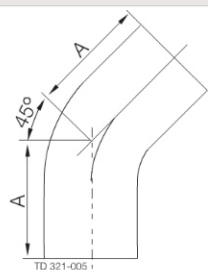
Bends

Tri-Clover® UltraPure, ASME BPE

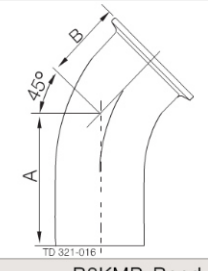
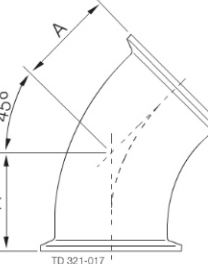
Product code: 5016, 5017
According to DT-8, DT-13, DT-17

Material: 316L

1.5

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size DN/OD		Dimension A		B2KS Bend 45°
				Inch	mm	Inch	mm	
PL (SF1)		PM (SF4)						
Product code: 5016								
9634000419	52.79	9634000428	65.54	1/2	12.7	2.25	57.2	
9634000420	52.79	9634000429	65.78	3/4	19.0	2.25	57.2	
9634000421	45.84	9634000430	65.99	1	25.4	2.25	57.2	
9634000422	45.84	9634000431	66.2	1 1/2	38.1	2.50	63.5	
9634000423	53.71	9634000432	68.96	2	50.8	3.00	76.2	
9634000424	63.65	9634000433	90.18	2 1/2	63.5	3.38	85.7	
9634000425	76.38	9634000434	116.7	3	76.2	3.63	92.1	
9634000426	159.14	9634000435	147.66	4	101.6	4.50	114.3	
9634000427	1166.86	9634000436	1583.94	6	152.4	6.25	158.8	

OD/ID and t (wall thickness) please see page 1.5.158

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size DN/OD		Dimension				B2KMW Bend 45°	
				Inch	mm	A		B			
PL (SF1)		PM (SF4)				Inch	mm	Inch	mm		
Product code: 5016											
9634002119	78.51	9634002128	127.85	1/2	12.7	2.25	57.2	1.0	25.4		
9634002120	80.63	9634002129	129.43	3/4	19.0	2.25	57.2	1.0	25.4		
9634002121	84.87	9634002130	131.55	1	25.4	2.25	57.2	1.1	28.6		
9634002122	86.99	9634002131	133.67	1 1/2	38.1	2.50	63.5	1.4	36.5		
9634002123	90.18	9634002132	137.92	2	50.8	3.00	76.2	1.8	44.5		
9634002124	98.73	9634002133	148.53	2 1/2	63.5	3.38	85.7	2.1	52.4		
9634002125	140.78	9634002134	169.74	3	76.2	3.63	92.1	2.3	60.3		
9634002126	190.96	9634002135	203.97	4	101.6	4.50	114.3	3.1	79.4		
Product code: 5017											
9634003019	100.79	9634003028	100.79	1/2	12.7	1.00	25.4				
9634003020	106.09	9634003029	105.03	3/4	19.0	1.00	25.4				
9634003021	116.7	9634003030	106.09	1	25.4	1.13	28.6				
9634003022	122	9634003031	107.15	1 1/2	38.1	1.44	36.5				
9634003023	127.31	9634003032	127.31	2	50.8	1.75	44.5				
9634003024	137.92	9634003033	155.54	2 1/2	63.5	2.06	52.4				
9634003025	247.1	9634003034	190.96	3	76.2	2.38	60.3				
9634003026	360.71	9634003035	415.39	4	101.6	3.13	79.4				
9634003027	1690.42	9634003036	2037.75	6	152.4	5.25	133.4				

NOTE: For pressure and surface, please see product leaflet.

OD/ID and t (wall thickness) please see page 1.5.158

Item number PL (SF1)	PPL EUR	Item number PM (SF4)	PPL EUR	Size	Dimensions					
					A		B			
					in	mm	in	mm		
B2S Bend 88										
9634080394	246.13	9634080393	238.93	1/2	2.910	73.91	3.020	76.71		
9634080396	106.09	9634080395	238.93	3/4	2.910	73.91	3.020	76.71		
9634080398	190.96	9634080397	212.09	1	2.930	74.42	3.030	76.96		
9634080400	244.01	9634080399	297.18	1 1/2	3.640	92.46	3.800	96.52		
9634080402	403.14	9634080401	369.67	2	4.740	120.40	4.490	114.05		
9634080404	477.41	9634080403	448.33	2 1/2	5.550	140.97	5.350	135.89		
		9634080405	502.14	3	6.080	154.43	6.350	161.29		
B2S Bend 92										
9634080410	204.03	9634080415	217.45	3/4	2.910	73.91	3.020	76.71		
9634080416	241.61		9634080417	284.56	1 1/2	3.640	92.46	3.800		96.52
			9634080419	448.33	2 1/2	5.350	135.89	5.580		141.73
9634080420	448.33		9634080421	512.76	3	6.080	154.43	6.350		161.29
B2CMP Bend 88										
9634080424	163.09	9634080425	179.88	1/2	1.640	41.66	1.600	40.64		
9634080426	166.72	9634080427	206.58	3/4	1.640	41.66	1.600	40.64		
9634080428	169.74	9634080429	212.18	1	2.010	51.05	1.960	49.78		
9634080430	180.35	9634080431	227.34	1 1/2	2.760	70.10	2.700	68.58		
9634080432	212.18	9634080433	265.23	2	3.510	89.15	3.430	87.12		
9634080434	265.23	9634080435	328.88	2 1/2	4.260	108.20	4.170	105.92		
9634080436	371.32	9634080437	434.97	3	5.010	127.25	4.900	124.46		
9634080438	604.71	9634080439	668.37	4	6.64	168.66	6.49	164.85		
B2CMP Bend 92										
9634080442	150.34	9634080443	179.88	3/4	1.580	40.13	1.650	41.91		
9634080444	159.14	9634080445	163.77	1	1.950	49.53	2.060	52.32		
9634080446	169.74	9634080447	190.96	1 1/2	2.680	68.07	2.810	71.37		
9634080448	201.57	9634080449	222.79	2	3.480	88.39	3.500	88.90		
9634080450	246.98			2 1/2	4.140	105.16	4.340	110.24		
9634080452	388.75	9634080453	445.58	3	4.870	123.70	5.140	130.56		
9634080454	590.59	9634080455	670.46	4	6.460	113.28	6.770	171.96		

Product code: 5036, 5037
According to DT-9, DT-18

Material: 316L

1.5

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size		Dimension				B7WWW Tee
				DN/OD		A		B		
PL (SF1)		PM (SF4)		Inch	mm	Inch	mm	Inch	mm	
Product code: 5036										
9634000619	72.11	9634000628	92.3	1/2	12.7	1.88	47.6			
9634000620	72.11	9634000629	92.3	3/4	19.0	2.00	50.8			
9634000621	62.79	9634000630	95.48	1	25.4	2.13	54.0			
9634000622	62.79	9634000631	95.48	1 1/2	38.1	2.38	60.3			
9634000623	72.56	9634000632	100.79	2	50.8	2.88	73.0			
9634000624	127.31	9634000633	109.87	2 1/2	63.5	3.13	79.4			
9634000625	143.22	9634000634	190.96	3	76.2	3.38	85.7			
9634000626	197.18	9634000635	244.01	4	101.6	4.13	104.8			
9634000627	1617.65	9634000636	1548.91	6	152.4	5.63	142.9			
Product code: 5036										
9634039519	97.24	9634039528	116.7	1/2	12.7	1.88	47.6	2.38	60.3	
9634039520	95.48	9634039529	116.7	3/4	19.0	2.00	50.8	2.50	63.5	
9634039521	97.6	9634039530	103.97	1	25.4	2.13	54.0	2.63	66.7	
9634039522	99.72	9634039531	108.21	1 1/2	38.1	2.38	60.3	2.88	73.0	
9634039523	106.09	9634039532	164.44	2	50.8	2.88	73.0	3.38	85.7	
9634039524	136.15	9634039533	169.74	2 1/2	63.5	3.13	79.4	3.63	92.1	
9634039525	180.35	9634039534	222.79	3	76.2	3.38	85.7	3.88	98.4	
9634039526	190.96	9634039535	445.58	4	101.6	4.13	104.8	4.75	120.7	
Product code: 5037										
9634003219	119.69	9634003228	146.4	1/2	12.7	2.25	57.2			
9634003220	119.69	9634003229	148.53	3/4	19.0	2.38	60.3			
9634003221	120.94	9634003230	150.65	1	25.4	2.63	66.7			
9634003222	125.19	9634003231	154.89	1 1/2	38.1	2.88	73.0			
9634003223	132.61	9634003232	161.26	2	50.8	3.38	85.7			
9634003224	169.74	9634003233	381.92	2 1/2	63.5	3.63	92.1			
9634003225	403.14	9634003234	387.23	3	76.2	3.88	98.4			
9634003226	670.49	9634003235	710.8	4	101.6	4.75	181.0			
9634003227	3315.22	9634003236	3599.38	6	152.4	7.13	181.0			

NOTE: For pressure and surface, please see product leaflet.

OD/ID and t (wall thickness) please see page 1.5.158

Product code: 5036, 5037
According to DT-15, DT-27, DT-27

Material: 316L

1.5

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size		Dimension				B7WWMS Short outlet tee
				DN/OD		A		B		
PL (SF1)		PM (SF4)		Inch	mm	Inch	mm	Inch	mm	
Product code: 5036										
9634002619	94.42	9634002628	107.15	1/2	12.7	1.88	47.6	1.00	25.4	
9634002620	96.54	9634002629	108.21	3/4	19.0	2.00	50.8	1.13	28.6	
9634002621	97.6	9634002630	109.27	1	25.4	2.13	54.0	1.13	28.6	
9634002622	98.66	9634002631	110.33	1 1/2	38.1	2.38	60.3	1.38	34.9	
9634002623	100.04	9634002632	122	2	50.8	2.88	73.0	1.63	41.3	
9634002624	137.92	9634002633	154.97	2 1/2	63.5	3.13	79.4	1.88	47.6	
9634002625	174.45	9634002634	177.54	3	76.2	3.38	85.7	2.13	54.0	
9634002626	424.36	9634002635	425.79	4	101.6	4.13	104.8	2.75	69.9	
9634002627	1867.18	9634002636	2047.19	6	152.4	5.63	142.9	3.75	95.3	
B7WMSW Tee										
9634037719	97.6	9634037728	110.86	1/2	12.7	0.88	22.4	1.88	47.6	
9634037720	105.08	9634037729	116.7	3/4	19.0	1.00	25.4	2.00	50.8	
9634037721	108.21	9634037730	117.76	1	25.4	1.13	28.5	2.13	54.0	
9634037722	109.27	9634037731	118.82	1 1/2	38.1	1.38	35.1	2.38	60.3	
9634037723	114.58	9634037732	122	2	50.8	1.63	41.2	2.88	73.0	
9634037724	134.73	9634037733	128.37	2 1/2	63.5	1.88	47.8	3.13	79.4	
9634037725	185.66	9634037734	211.88	3	76.2	2.13	53.9	3.38	85.7	
9634037726	395.72	9634037735	425.79	4	101.6	2.75	69.9	4.13	104.8	
Product code: 5037										
B7MPS Tee										
9634043017	118.82	9634043025	135.8	1/2	12.7	2.25	57.2	1.00	25.4	
9634043018	119.88	9634043026	137.92	3/4	19.0	2.38	60.3	1.13	28.6	
9634043019	120.94	9634043027	140.04	1	25.4	2.63	66.7	1.13	26.9	
9634043020	122	9634043028	142.16	1 1/2	38.1	2.88	73.0	1.38	34.9	
9634043021	125.19	9634043029	148.53	2	50.8	3.38	85.7	1.63	41.3	
9634043022	163.77	9634043030	188.35	2 1/2	63.5	3.63	92.1	1.88	47.6	
9634043023	337.37	9634043031	378.71	3	76.2	3.88	98.4	2.13	54.0	
9634043024	673.48	9634043032	715.45	4	101.6	4.75	120.7	2.75	69.8	

NOTE: For pressure and surface, please see product leaflet.

OD/ID and t (wall thickness) please see page 1.5.158

Reducing Tees

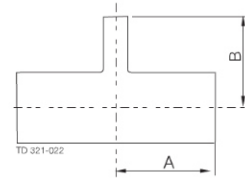
Tri-Clover® UltraPure, ASME BPE

Product code: 5036
According to DT-10

Material: 316L

1.5

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size		Dimension				B7RWWW Reducing tee
				DN/OD		A		B		
				Inch	mm	Inch	mm	Inch	mm	
PL (SF1)		PM (SF4)								
9634001043	159.39	9634001064	244.51	3/4 x 1/2	19.0 x 12.7	2.00	50.8	2.00	50.8	
9634001044	102.03	9634001065	121.63	1 x 1/2	25.4 x 12.7	2.13	54.0	2.13	54.0	
9634001045	102.03	9634001066	121.63	1 x 3/4	25.4 x 19.0	2.13	54.0	2.13	54.0	
9634001046	107.9	9634001067	130.46	1 1/2 x 1/2	38.1 x 12.7	2.38	60.3	2.38	60.3	
9634001047	113.32	9634001068	176.06	1 1/2 x 3/4	38.1 x 19.0	2.38	60.3	2.38	60.3	
9634001048	107.9	9634001069	130.46	1 1/2 x 1	38.1 x 25.4	2.38	60.3	2.38	60.3	
9634001049	123.6	9634001070	163.82	2 x 1/2	50.8 x 12.7	2.88	73.0	2.63	66.7	
9634001050	123.6	9634001071	282.15	2 x 3/4	50.8 x 19.0	2.88	73.0	2.63	66.7	
9634001051	123.6	9634001072	282.15	2 x 1	50.8 x 25.4	2.88	73.0	2.63	66.7	
9634001052	123.6	9634001073	163.82	2 x 1 1/2	50.8 x 38.1	2.88	73.0	2.63	66.7	
9634001053	300.96	9634001074	216.3	2 1/2 x 1/2	63.5 x 12.7	3.13	79.4	2.88	73.0	
9634001054	319.75	9634001075	206.01	2 1/2 x 3/4	63.5 x 19.0	3.13	79.4	2.88	73.0	
9634001055	164.8	9634001076	206.01	2 1/2 x 1	63.5 x 25.4	3.13	79.4	2.88	73.0	
9634001056	308.5	9634001077	206	2 1/2 x 1 1/2	63.5 x 38.1	3.13	79.4	2.88	73.0	
9634001057	338.59	9634001078	206	2 1/2 x 2	63.5 x 50.8	3.13	79.4	2.88	73.0	
9634001058	338.59	9634001079	329.57	3 x 1/2	76.2 x 12.7	3.38	85.7	3.13	79.4	
9634001059	269.76	9634001080	329.57	3 x 3/4	76.2 x 19.0	3.38	85.7	3.13	79.4	
9634001060	357.39	9634001081	329.58	3 x 1	76.2 x 25.4	3.38	85.7	3.13	79.4	
9634001061	269.76	9634001082	329.57	3 x 1 1/2	76.2 x 38.1	3.38	85.7	3.13	79.4	
9634001062	383.73	9634001083	329.58	3 x 2	76.2 x 50.8	3.38	85.7	3.13	79.4	
9634001063	269.76	9634001084	329.58	3 x 2 1/2	76.2 x 63.5	3.38	85.7	3.13	79.4	
9634001117	403.14	9634001125	433.56	4 x 1/2	101.6 x 12.7	4.13	104.8	3.63	92.1	
9634001118	403.14	9634001126	458.79	4 x 3/4	101.6 x 19.0	4.13	104.8	3.63	92.1	
9634001119	403.14	9634001127	433.56	4 x 1	101.6 x 25.4	4.13	104.8	3.63	92.1	
9634001120	423.3	9634001128	433.54	4 x 1 1/2	101.6 x 38.1	4.13	104.8	3.63	92.1	
9634001121	526.67	9634001129	225.45	4 x 2	101.6 x 50.8	4.13	104.8	3.88	98.4	
9634001122	403.1	9634001130	458.79	4 x 2 1/2	101.6 x 63.5	4.13	104.8	3.88	98.4	
9634001123	475.9	9634001131	679.29	4 x 3	101.6 x 76.2	4.13	104.8	3.88	98.4	
9613600781	1228.33	9634048315	*	6 x 1/2	152.4 x 12.7	5.63	142.9	5.13	130.2	
9613600782	*	9634048311	*	6 x 3/4	152.4 x 19.0	5.63	142.9	5.13	130.2	
9634048310	*	9634048317	*	6 x 1	152.4 x 25.4	5.63	142.9	5.13	130.2	
9613600784	1228.33	9634048318	1471.89	6 x 1 1/2	152.4 x 38.1	5.63	142.9	5.13	130.2	
9634048312	1189.69	9634048319	1471.89	6 x 2	152.4 x 50.8	5.63	142.9	5.13	130.2	
9634048313	1189.67	9634048320	*	6 x 2 1/2	152.4 x 63.5	5.63	142.9	5.13	130.2	
9634048314	*	9634048321	1390.92	6 x 3	152.4 x 76.2	5.63	142.9	5.13	130.2	
9634001124	1326.39	9634001132	1611.04	6 x 4	152.4 x 101.6	5.63	142.9	5.13	130.2	



* On request

NOTE: For pressure and surface, please see product leaflet.

OD/ID and t (wall thickness) please see page 1.5.158

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size		Dimension				B7RWWM Reducing tee
				DN/OD		A		B		
				Inch	mm	Inch	mm	Inch	mm	
9634039943	119.69	9634039964	139.2	3/4 x 1/2	19.0 x 12.7	2.00	50.8	2.50	63.5	
9634039944	124.57	9634039965	68.09	1 x 1/2	25.4 x 12.7	2.13	54.0	2.63	66.7	
9634039945	130	9634039966	142.24	1 x 3/4	25.4 x 19.0	2.13	54.0	2.63	66.7	
9634039946	125.57	9634039967	145.18	1 1/2 x 1/2	38.1 x 12.7	2.38	60.3	2.88	73.0	
9634039947	125.57	9634039968	151.47	1 1/2 x 3/4	38.1 x 19.0	2.38	60.3	2.88	73.0	
9634039948	125.57	9634039969	151.47	1 1/2 x 1	38.1 x 25.4	2.38	60.3	2.88	73.0	
9634039949	137.34	9634039970	169.34	2 x 1/2	50.8 x 12.7	2.88	73.0	3.13	79.4	
9634039950	137.34	9634039971	150.39	2 x 3/4	50.8 x 19.0	2.88	73.0	3.13	79.4	
9634039951	263.35	9634039972	177.53	2 x 1	50.8 x 25.4	2.88	73.0	3.13	79.4	
9634039952	156.95	9634039973	104.18	2 x 1 1/2	50.8 x 38.1	2.88	73.0	3.13	79.4	
9634039955	199.12	9634039976	115.78	2 1/2 x 1	63.5 x 25.4	3.13	79.4	3.38	85.7	
9634039956	199.12	9634039977	222.66	2 1/2 x 1 1/2	63.5 x 38.1	3.13	79.4	3.38	85.7	
9634039957	199.12	9634039978	232.36	2 1/2 x 2	63.5 x 50.8	3.13	79.4	3.38	85.7	
9634039960	330.6	9634039981	358.22	3 x 1	76.2 x 25.4	3.38	85.7	3.63	92.1	
9634039961	432.63	9634039982	358.22	3 x 1 1/2	76.2 x 38.1	3.38	85.7	3.63	92.1	
9634039962	470.23	9634039983	332.68	3 x 2	76.2 x 50.8	3.38	85.7	3.63	92.1	
9634039963	280.88	9634039984	358.22	3 x 2 1/2	76.2 x 63.5	3.38	85.7	3.63	92.1	
9634040019	419.67	9634040027	516.68	4 x 1	101.6 x 25.4	4.13	104.8	4.13	104.8	
9634040020	399.68	9634040028	509.73	4 x 1 1/2	101.6 x 38.1	4.13	104.8	4.13	104.8	
9634040021	419.67	9634040029	509.73	4 x 2	101.6 x 50.8	4.13	104.8	4.38	111.1	
9634040022	476.96	9634040030	516.68	4 x 2 1/2	101.6 x 63.5	4.13	104.8	4.38	111.1	
9634040023	476.96	9634040031	516.68	4 x 3	101.6 x 76.2	4.13	104.8	4.38	111.1	

NOTE: For pressure and surface, please see product leaflet.

OD/ID and t (wall thickness) please see page 1.5.158

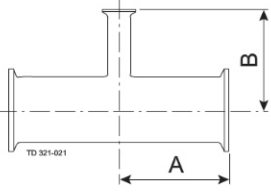
Reducing Tees

Tri-Clover® UltraPure, ASME BPE

Product code: 5037
According to DT-19

Material: 316L

1.5

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size		Dimension				B7RMP Reducing tee
				DN/OD		A		B		
PL (SF1)		PM (SF4)		Inch	mm	Inch	mm	Inch	mm	
9634003643	157.58	9634003664	191.42	3/4 x 1/2	19.0 x 12.7	2.50	63.5	2.50	63.5	
9634003644	166.11	9634003665	193.25	1 x 1/2	25.4 x 12.7	2.63	66.7	2.63	66.7	
9634003645	166.11	9634003666	201.64	1 x 3/4	25.4 x 19.0	2.63	66.7	2.63	66.7	
9634003646	259.56	9634003667	360.83	1 1/2 x 1/2	38.1 x 12.7	2.88	73.0	2.88	73.0	
9634003647	166.11	9634003668	203.68	1 1/2 x 3/4	38.1 x 19.0	2.88	73.0	2.88	73.0	
9634003648	240.76	9634003669	195.2	1 1/2 x 1	38.1 x 25.4	2.88	73.0	2.88	73.0	
9634003649	429.89	9634003670	433.56	2 x 1/2	50.8 x 12.7	3.38	85.7	3.13	79.4	
9634003650	429.89	9634003671	452.41	2 x 3/4	50.8 x 19.0	3.38	85.7	3.13	79.4	
9634003651	188.76	9634003672	229.27	2 x 1	50.8 x 25.4	3.38	85.7	3.13	79.4	
9634003652	188.76	9634003673	179.76	2 x 1 1/2	50.8 x 38.1	3.38	85.7	3.13	79.4	
9634003653	532.24	9634003674	571.69	2 1/2 x 1/2	63.5 x 12.7	3.63	92.1	3.38	85.7	
9634003654	532.24	9634003675	563.97	2 1/2 x 3/4	63.5 x 19.0	3.63	92.1	3.38	85.7	
9634003655	275.34	9634003676	306.83	2 1/2 x 1	63.5 x 25.4	3.63	92.1	3.38	85.7	
9634003656	226.69	9634003677	301.94	2 1/2 x 1 1/2	63.5 x 38.1	3.63	92.1	3.38	85.7	
9634003657	226.69	9634003678	301.94	2 1/2 x 2	63.5 x 50.8	3.63	92.1	3.38	85.7	
9634003658	740.02	9634003679	776.88	3 x 1/2	76.2 x 12.7	3.88	98.4	3.63	92.1	
9634003659	740.02	9634003680	788.03	3 x 3/4	76.2 x 19.0	3.88	98.4	3.63	92.1	
9634003660	631.52	9634003681	667.35	3 x 1	76.2 x 25.4	3.88	98.4	3.63	92.1	
9634003661	589.56	9634003682	626.39	3 x 1 1/2	76.2 x 38.1	3.88	98.4	3.63	92.1	
9634003662	589.56	9634003683	626.39	3 x 2	76.2 x 50.8	3.88	98.4	3.88	98.4	
9634003663	589.56	9634003684	626.39	3 x 2 1/2	76.2 x 63.5	3.88	98.4	3.88	98.4	
9634003717	935.5	9634003725	994.3	4 x 1/2	101.6 x 12.7	4.75	120.7	4.13	104.8	
9634003718	948.69	9634003726	994.3	4 x 3/4	101.6 x 19.0	4.75	120.7	4.13	104.8	
9634003719	916.06	9634003727	974.02	4 x 1	101.6 x 25.4	4.75	120.7	4.13	104.8	
9634003720	916.06	9634003728	974.02	4 x 1 1/2	101.6 x 38.1	4.75	120.7	4.13	104.8	
9634003721	718.27	9634003729	961.1	4 x 2	101.6 x 50.8	4.75	120.7	4.38	111.1	
9634003722	844.42	9634003730	898.03	4 x 2 1/2	101.6 x 63.5	4.75	120.7	4.38	111.1	
9634003723	844.42	9634003731	898.03	4 x 3	101.6 x 76.2	4.75	120.7	4.38	111.1	

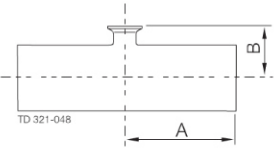
NOTE: For pressure and surface, please see product leaflet.

Product code: 5036
According to DT-14

Material: 316L

1.5

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size		Dimension				B7RWWMS Short outlet reducing tee
						A		B		
PL (SF1)		PM (SF4)		Inch	mm	Inch	mm	Inch	mm	
9634002343	188.12	9634002364	166.21	3/4 x 1/2	19.0 x 12.7	2.00	50.8	1.00	25.4	
9634002344	124.57	9634002365	175.05	1 x 1/2	25.4 x 12.7	2.13	54.0	1.13	28.6	
9634002345	124.57	9634002366	190.96	1 x 3/4	25.4 x 19.0	2.13	54.0	1.13	28.6	
9634002346	125.57	9634002367	145.18	1 1/2 x 1/2	38.1 x 12.7	2.38	60.3	1.38	34.9	
9634002347	206.92	9634002368	195.47	1 1/2 x 3/4	38.1 x 19.0	2.38	60.3	1.38	34.9	
9634002348	125.57	9634002369	192.3	1 1/2 x 1	38.1 x 25.4	2.38	60.3	1.38	34.9	
9634002349	143.21	9634002370	357.39	2 x 1/2	50.8 x 12.7	2.88	73.0	1.63	41.3	
9634002350	143.21	9634002371	357.39	2 x 3/4	50.8 x 19.0	2.88	73.0	1.63	41.3	
9634002351	156.95	9634002372	357.39	2 x 1	50.8 x 25.4	2.88	73.0	1.63	41.3	
9634002352	156.95	9634002373	177.53	2 x 1 1/2	50.8 x 38.1	2.88	73.0	1.63	41.3	
9634002353	199.12	9634002374	222.66	2 1/2 x 1/2	63.5 x 12.7	3.13	79.4	1.88	47.6	
9634002354	199.14	9634002375	182.2	2 1/2 x 3/4	63.5 x 19.0	3.13	79.4	1.88	47.6	
9634002355	282.15	9634002376	222.66	2 1/2 x 1	63.5 x 25.4	3.13	79.4	1.88	47.6	
9634002356	282.15	9634002377	222.66	2 1/2 x 1 1/2	63.5 x 38.1	3.13	79.4	1.88	47.6	
9634002357	199.12	9634002378	222.67	2 1/2 x 2	63.5 x 50.8	3.13	79.4	1.88	47.6	
9634002358	316.84	9634002379	221.81	3 x 1/2	76.2 x 12.7	3.38	85.7	2.13	54.0	
9634002359	316.84	9634002380	358.22	3 x 3/4	76.2 x 19.0	3.38	85.7	2.13	54.0	
9634002360	316.84	9634002381	221.81	3 x 1	76.2 x 25.4	3.38	85.7	2.13	54.0	
9634002361	316.84	9634002382	358.22	3 x 1 1/2	76.2 x 38.1	3.38	85.7	2.13	54.0	
9634002362	316.84	9634002383	447.9	3 x 2	76.2 x 50.8	3.38	85.7	2.13	54.0	
9634002363	316.84	9634002384	221.81	3 x 2 1/2	76.2 x 63.5	3.38	85.7	2.13	54.0	
9634002417	583.1	9634002425	488.5	4 x 1/2	101.6 x 12.7	4.13	104.8	2.63	66.7	
9634002418	373.98	9634002426	509.73	4 x 3/4	101.6 x 19.0	4.13	104.8	2.63	66.7	
9634002419	601.9	9634002427	509.73	4 x 1	101.6 x 25.4	4.13	104.8	2.63	66.7	
9634002420	457.11	9634002428	488.5	4 x 1 1/2	101.6 x 38.1	4.13	104.8	2.63	66.7	
9634002421	457.11	9634002429	488.5	4 x 2	101.6 x 50.8	4.13	104.8	2.63	66.7	
9634002422	237.69	9634002430	516.68	4 x 2 1/2	101.6 x 63.5	4.13	104.8	2.63	66.7	
9634002423	601.9	9634002431	489.94	4 x 3	101.6 x 76.2	4.13	104.8	2.63	66.7	



NOTE: For pressure and surface, please see product leaflet.

OD/ID and t (wall thickness) please see page 1.5.158

Reducing Tees

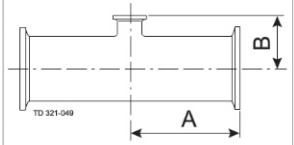
Tri-Clover® UltraPure, ASME BPE

Product code: 5037
According to DT-20

Material: 316L

1.5

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size		Dimension				B7RMPS Short outlet reducing tee
				DN/OD		A		B		
PL (SF1)		PM (SF4)		Inch	mm	Inch	mm	Inch	mm	
9634003943	178.18	9634003964	191.42	3/4 x 1/2	19.0 x 12.7	2.50	63.5	1.00	25.4	
9634003944	304.7	9634003965	202.91	1 x 1/2	25.4 x 12.7	2.63	66.7	1.13	28.6	
9634003945	186.4	9634003966	338.59	1 x 3/4	25.4 x 19.0	2.63	66.7	1.13	28.6	
9634003946	263.35	9634003967	364.9	1 1/2 x 1/2	38.1 x 12.7	2.88	73.0	1.38	34.9	
9634003947	177.54	9634003968	193.25	1 1/2 x 3/4	38.1 x 19.0	2.88	73.0	1.38	34.9	
9634003948	263.35	9634003969	193.25	1 1/2 x 1	38.1 x 25.4	2.88	73.0	1.38	34.9	
9634003949	411.98	9634003970	433.56	2 x 1/2	50.8 x 12.7	3.38	85.7	1.63	41.3	
9634003950	411.98	9634003971	433.54	2 x 3/4	50.8 x 19.0	3.38	85.7	1.63	41.3	
9634003951	406.29	9634003972	114.26	2 x 1	50.8 x 25.4	3.38	85.7	1.63	41.3	
9634003952	376.19	9634003973	376.19	2 x 1 1/2	50.8 x 38.1	3.38	85.7	1.63	41.3	
9634003953	464.31	9634003974	563.97	2 1/2 x 1/2	63.5 x 12.7	3.63	92.1	1.88	47.6	
9634003954	539.84	9634003975	571.69	2 1/2 x 3/4	63.5 x 19.0	3.63	92.1	1.88	47.6	
9634003955	248.6	9634003976	301.94	2 1/2 x 1	63.5 x 25.4	3.63	92.1	1.88	47.6	
9634003956	283.14	9634003977	301.94	2 1/2 x 1 1/2	63.5 x 38.1	3.63	92.1	1.88	47.6	
9634003957	503.12	9634003978	301.94	2 1/2 x 2	63.5 x 50.8	3.63	92.1	1.88	47.6	
9634003958	740.02	9634003979	859.92	3 x 1/2	76.2 x 12.7	3.88	98.4	2.13	54.0	
9634003959	740.02	9634003980	788.03	3 x 3/4	76.2 x 19.0	3.88	98.4	2.13	54.0	
9634003960	631.52	9634003981	667.35	3 x 1	76.2 x 25.4	3.88	98.4	2.13	54.0	
9634003961	565	9634003982	600.31	3 x 1 1/2	76.2 x 38.1	3.88	98.4	2.13	54.0	
9634003962	628.87	9634003983	626.39	3 x 2	76.2 x 50.8	3.88	98.4	2.13	54.0	
9634003963	589.56	9634003984	635.36	3 x 2 1/2	76.2 x 63.5	3.88	98.4	2.13	54.0	
9634004017	948.69	9634004025	994.3	4 x 1/2	101.6 x 12.7	4.75	120.7	2.63	66.7	
9634004018	948.69	9634004026	994.3	4 x 3/4	101.6 x 19.0	4.75	120.7	2.63	66.7	
9634004019	929.15	9634004027	961.1	4 x 1	101.6 x 25.4	4.75	120.7	2.63	66.7	
9634004020	753.6	9634004028	961.1	4 x 1 1/2	101.6 x 38.1	4.75	120.7	2.63	66.7	
9634004021	753.6	9634004029	961.1	4 x 2	101.6 x 50.8	4.75	120.7	2.63	66.7	
9634004022	856.81	9634004030	898.03	4 x 2 1/2	101.6 x 63.5	4.75	120.7	2.63	66.7	
9634004023	844.42	9634004031	898.03	4 x 3	101.6 x 76.2	4.75	120.7	2.63	66.7	
9634050035	2388.75	9634050036	2493.66	6 x 1/2	152.4 x 12.7	7.13	181.0	3.75	95.3	
9634050038	2388.75	9634050039	2493.66	6 x 3/4	152.4 x 19.0	7.13	181.0	3.75	95.3	
9634050041	2388.75	9634050042	2493.66	6 x 1	152.4 x 25.4	7.13	181.0	3.75	95.3	
9634050044	2388.75	9634050045	2493.66	6 x 1 1/2	152.4 x 38.1	7.13	181.0	3.75	95.3	
9634050047	2408.27	9634050048	2530.56	6 x 2	152.4 x 50.8	7.13	181.0	3.75	95.3	
9634050050	2450.27	9634050051	2552.27	6 x 2 1/2	152.4 x 63.5	7.13	181.0	3.75	95.3	
9634050053	2457.48	9634050054	2584.12	6 x 3	152.4 x 76.2	7.13	181.0	3.75	95.3	
9634004024	2560.24	9634004032	2686.89	6 x 4	152.4 x 101.6	7.13	181.0	3.75	95.3	



NOTE: For pressure and surface, please see product leaflet.

Product code: 5036, 5037
According to DT-29, DT-28

Material: 316L

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size		Dimension				B7IMPS Instrument tee
				DN/OD		A		B		
PL (SF1)		PM (SF4)		Inch	mm	Inch	mm	Inch	mm	
Product code: 5037										
211171	674.86	211169	763.15	1/2 x 1 1/2	12.7 x 38.1	3.00	76.2	0.88	22.2	
211543	704.2	211544	796.31	1/2 x 2	12.7 x 50.8	3.25	82.5	1.00	25.4	
211170	683.68	211377	717.84	3/4 x 1 1/2	19.0 x 38.1	3.00	76.2	1.00	25.4	
211545	713.4	211546	814.09	3/4 x 2	19.0 x 50.8	3.25	82.5	1.13	28.6	
211173	705.26	211158	792.54	1 x 1 1/2	25.4 x 38.1	3.00	76.2	1.13	28.6	
211547	735.94	211616	827.03	1 x 2	25.4 x 50.8	3.25	82.5	1.25	31.7	
211172	735.94	211187	827.03	1 1/2 x 2	38.1 x 50.8	3.25	82.5	1.50	38.1	
Product code: 5036										
241737	588.54	241751	665.05	1/2 x 1 1/2	12.7 x 38.1	2.50	63.5	0.88	22.2	
241738	614.14	242082	698.31	1/2 x 2	12.7 x 50.8	2.75	69.8	1.00	25.4	
241739	594.41	241870	670.93	3/4 x 1 1/2	19.0 x 38.1	2.50	63.5	1.00	25.4	
241740	594.42	242083	704.47	3/4 x 2	19.0 x 50.8	2.75	69.8	1.13	28.6	
241741	614.04	241753	692.51	1 x 1 1/2	25.4 x 38.1	2.50	63.5	1.13	28.6	
241742	614.02	241898	727.14	1 x 2	25.4 x 50.8	2.75	69.8	1.25	31.7	
241743	614.02	241869	727.14	1 1/2 x 2	38.1 x 50.8	2.75	69.8	1.50	38.1	

NOTE: For pressure and surface, please see product leaflet.

OD/ID and t (wall thickness) please see page 1.5.158

Product code: 5036, 5037
According to DT-9, DT-18

Material: 316L

1.5

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size DN/OD		Dimension A		B9WWWW Cross
				Inch	mm	Inch	mm	
PL (SF1)		PM (SF4)						
Product code: 5036								
9634000819	199.45	9634000828	220.07	1/2	12.7	1.88	47.6	
9634000820	206.88	9634000829	210.9	3/4	19.0	2.00	50.8	
9634000821	233.4	9634000830	192.26	1	25.4	2.13	54.0	
9634000822	237.19	9634000831	192.27	1 1/2	38.1	2.38	60.3	
9634000823	265.23	9634000832	207.96	2	50.8	2.88	73.0	
9634000824	286.44	9634000833	235.51	2 1/2	63.5	3.13	79.4	
9634000825	316.84	9634000834	368.34	3	76.2	3.38	85.7	
9634000826	375.85	9634000835	462.41	4	101.6	4.13	104.8	
Product code: 5037								
9634003419	222.79	9634003428	258.95	1/2	12.7	2.25	57.2	
9634003420	249.31	9634003429	260.57	3/4	19.0	2.38	60.3	
9634003421	252.49	9634003430	451.43	1	25.4	2.63	66.7	
9634003422	286.44	9634003431	489.06	1 1/2	38.1	2.88	73.0	
9634003423	297.05	9634003432	280.44	2	50.8	3.38	85.7	
9634003424	329.57	9634003433	366.15	2 1/2	63.5	3.63	92.1	
9634003425	456.19	9634003434	487.73	3	76.2	3.88	98.4	
9634003426	885.02	9634003435	932.06	4	101.6	4.75	120.7	

OD/ID and t (wall thickness) please see page 1.5.158

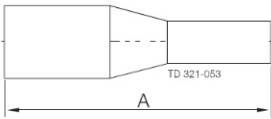
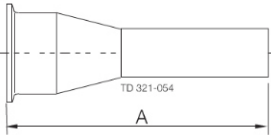
Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size DN/OD		Dimension				B9RWWWW Reducing cross
				Inch	mm	A		B		
PL (SF1)		PM (SF4)		Inch	mm	Inch	mm	Inch	mm	
Product code: 5036										
9634040143	322.75	9634040164	341.56	3/4 x 1/2	19.0 x 12.7	2.00	50.8	2.00	50.8	
9634040144	333.69	9634040165	339.4	1 x 1/2	25.4 x 12.7	2.13	54.0	2.13	54.0	
9634040145	142.85	9634040166	659.5	1 x 3/4	25.4 x 19.0	2.13	54.0	2.13	54.0	
9634040146	333.69	9634040167	358.22	1 1/2 x 1/2	38.1 x 12.7	2.38	60.3	2.38	60.3	
9634040147	333.69	9634040168	363.26	1 1/2 x 3/4	38.1 x 19.0	2.38	60.3	2.38	60.3	
9634040148	530.83	9634040169	638.56	1 1/2 x 1	38.1 x 25.4	2.38	60.3	2.38	60.3	
9634040149	676.57	9634040170	717.12	2 x 1/2	50.8 x 12.7	2.88	73.0	2.63	66.7	
9634040150	676.57	9634040171	717.12	2 x 3/4	50.8 x 19.0	2.88	73.0	2.63	66.7	
9634040151	741.1	9634040172	291.76	2 x 1	50.8 x 25.4	2.88	73.0	2.63	66.7	
9634040152	585.46	9634040173	614.14	2 x 1 1/2	50.8 x 38.1	2.88	73.0	2.63	66.7	
9634040155	713.4	9634040176	762	2 1/2 x 1	63.5 x 25.4	3.13	79.4	2.88	73.0	
9634040156	713.4	9634040177	762	2 1/2 x 1 1/2	63.5 x 38.1	3.13	79.4	2.88	73.0	
9634040157	290.87	9634040178	762	2 1/2 x 2	63.5 x 50.8	3.13	79.4	2.88	73.0	
9634040160	753.31	9634040181	805.43	3 x 1	76.2 x 25.4	3.38	85.7	3.13	79.4	
9634040161	742.63	9634040182	805.43	3 x 1 1/2	76.2 x 38.1	3.38	85.7	3.13	79.4	
9634040162	307.16	9634040183	805.43	3 x 2	76.2 x 50.8	3.38	85.7	3.13	79.4	
9634040163	764.17	9634040184	805.43	3 x 2 1/2	76.2 x 63.5	3.38	85.7	3.13	79.4	
9634040219	1350.03	9634040227	1427.01	4 x 1	101.6 x 25.4	4.13	104.8	3.63	92.1	
9634040220	1350.03	9634040228	1427.01	4 x 1 1/2	101.6 x 38.1	4.13	104.8	3.63	92.1	
9634040221	1111.48	9634040229	1427.01	4 x 2	101.6 x 50.8	4.13	104.8	3.88	98.4	
9634040222	1369.13	9634040230	1427.01	4 x 2 1/2	101.6 x 63.5	4.13	104.8	3.88	98.4	
9634040223	550.44	9634040231	1427.01	4 x 3	101.6 x 76.2	4.13	104.8	3.88	98.4	

NOTE: For pressure and surface, please see product leaflet.

OD/ID and t (wall thickness) please see page 1.5.158

Product code: 5076
According to DT-11, DT-26

Material: 316L

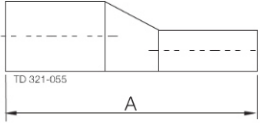
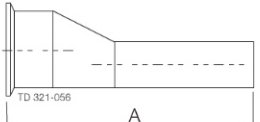
Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size		Dimension			
				DN/OD		A			
PL (SF1)		PM (SF4)		Inch	mm	Inch	mm	B31 Concentric reducer Edition 2012	
9634001701	79.03	9634001726	91.02	3/4 x 1/2	19.0 x 12.7	4.00	101.6		
9634001702	101.02	9634001727	144.12	1 x 1/2	25.4 x 12.7	4.50	114.3		
9634001703	79.03	9634001728	171.42	1 x 3/4	25.4 x 19.0	4.00	101.6		
9634001704	203.02	9634001729	218.02	1 1/2 x 1/2	38.1 x 12.7	5.50	139.7		
9634001705	203.02	9634001730	218.02	1 1/2 x 3/4	38.1 x 19.0	5.00	127.0		
9634001706	100.02	9634001731	112.02	1 1/2 x 1	38.1 x 25.4	5.00	127.0		
9634001708	266.05	9634001733	284.04	2 x 3/4	50.8 x 19.0	7.25	184.2		
9634001709	118.47	9634001734	179.99	2 x 1	50.8 x 25.4	7.25	184.2		
9634001710	100.02	9634001735	360.56	2 x 1 1/2	50.8 x 38.1	5.25	133.4		
9634001714	296.82	9634001739	161.72	2 1/2 x 1 1/2	63.5 x 38.1	7.50	184.2		
9634001715	249.3	9634001740	143.03	2 1/2 x 2	63.5 x 50.8	5.50	139.7		
9634001717	387.39	9634001742	239.1	3 x 1 1/2	76.2 x 38.1	9.25	235.0		
9634001718	153.03	9634001743	441.11	3 x 2	76.2 x 50.8	7.50	190.5		
9634001719	238.2	9634001744	427.35	3 x 2 1/2	76.2 x 63.5	5.50	139.7		
9634001722	564.26	9634001747	314.05	4 x 2	101.6 x 50.8	11.75	298.4		
9634001723	466.02	9634001748	295.05	4 x 2 1/2	101.6 x 63.5	9.75	247.7		
9634001724	421.95	9634001749	274.03	4 x 3	101.6 x 76.2	7.75	196.9		
9634050058	1357.17	9634050059	1499.2	6 x 3	152.4 x 76.2	10.00	254.0		
9634001725	1467.17	9634001750	1620.21	6 x 4	152.4 x 101.6	10.00	254.0		
									B31M Concentric reducer Edition 2012
9634038701	124.99	9634038726	136.53	3/4 x 1/2	19.0 x 12.7	3.00	76.2		
9634038702	203.54	9634038727	133.03	1 x 1/2	25.4 x 12.7	3.50	88.9		
9634038703	160.94	9634038728	130.03	1 x 3/4	25.4 x 19.0	3.00	76.2		
9634038704	237.04	9634038729	256.05	1 1/2 x 1/2	38.1 x 12.7	4.50	114.3		
9634038705	237.04	9634038730	319.51	1 1/2 x 3/4	38.1 x 19.0	4.00	101.6		
9634038706	126.03	9634038731	287.68	1 1/2 x 1	38.1 x 25.4	4.00	101.6		
9634038709	149.03	9634038734	161.04	2 x 1	50.8 x 25.4	6.00	152.4		
9634038710	182.35	9634038735	158.56	2 x 1 1/2	50.8 x 38.1	4.00	101.6		
9634038714	163.66	9634038739	174.04	2 1/2 x 1 1/2	63.5 x 38.1	6.00	152.4		
9634038715	157.25	9634038740	189.19	2 1/2 x 2	63.5 x 50.8	4.25	108.0		
9634038717	282.04	9634038742	321.54	3 x 1 1/2	76.2 x 38.1	8.00	203.2		
9634038718	234.03	9634038743	261.02	3 x 2	76.2 x 50.8	6.25	158.8		
9634038719	223.03	9634038744	245.04	3 x 2 1/2	76.2 x 63.5	4.25	108.0		
9634038722	424.46	9634038747	510.67	4 x 2	101.6 x 50.8	10.38	263.5		
9634038723	447.62	9634038748	479.67	4 x 2 1/2	101.6 x 63.5	8.38	212.7		
9634038724	412.05	9634038749	441.08	4 x 3	101.6 x 76.2	6.38	161.9		

NOTE: For pressure and surface, please see product leaflet.

OD/ID and t (wall thickness) please see page 1.5.158

Note: According to ASME BPE 2007

1.5

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size DN/OD		Dimension A			
				Inch	mm	Inch	mm		
								B32 Ecc. reducer Edition 2012	
9634039401	148.31	9634039426	174.96	3/4 x 1/2	19.0 x 12.7	4.00	101.6		
9634039402	212.74	9634039427	253.65	1 x 1/2	25.4 x 12.7	4.50	114.3		
9634039403	127.03	9634039428	146.02	1 x 3/4	25.4 x 19.0	4.00	101.6		
9634039404	352.73	9634039429	428.49	1 1/2 x 1/2	38.1 x 12.7	5.50	139.7		
9634039405	263.06	9634039430	279.05	1 1/2 x 3/4	38.1 x 19.0	5.00	127.0		
9634039406	122.02	9634039431	138.02	1 1/2 x 1	38.1 x 25.4	5.00	127.0		
9634039409	291.51	9634039434	303.03	2 x 1	50.8 x 25.4	7.25	184.2		
9634039410	122.02	9634039435	140.03	2 x 1 1/2	50.8 x 38.1	5.25	133.4		
9634039414	421.94	9634039439	176.04	2 1/2 x 1 1/2	63.5 x 38.1	7.25	184.2		
9634039415	279.98	9634039440	314.54	2 1/2 x 2	63.5 x 50.8	5.50	139.7		
9634039417	350.1	9634039442	301.04	3 x 1 1/2	76.2 x 38.1	9.25	235.0		
9634039418	364.39	9634039443	421.95	3 x 2	76.2 x 50.8	7.50	190.5		
9634039419	375.92	9634039444	421.95	3 x 2 1/2	76.2 x 63.5	5.50	139.7		
9634039422	423.08	9634039447	457.08	4 x 2	101.6 x 50.8	11.75	298.4		
9634039423	556.17	9634039448	346.06	4 x 2 1/2	101.6 x 63.5	9.75	247.7		
9634039424	452.63	9634039449	329.04	4 x 3	101.6 x 76.2	7.75	196.9		
*		9634039452	1773.23	6 x 3	152.4 x 76.2	10.00	254.0		
9634039425	2019.09	9634039450	2429.37	6 x 4	152.4 x 101.6	10.00	254.0		
									B32M Ecc. reducer Edition 2012
9634039001	151.01	9634039026	169.07	3/4 x 1/2	19.0 x 12.7	3.00	76.2		
9634039002	165.92	9634039027	173.3	1 x 1/2	25.4 x 12.7	3.50	88.9		
9634039003	151.03	9634039028	201.57	1 x 3/4	25.4 x 19.0	3.00	76.2		
9634039004	296.03	9634039029	329.27	1 1/2 x 1/2	38.1 x 12.7	4.50	114.3		
9634039005	305.99	9634039030	323.57	1 1/2 x 3/4	38.1 x 19.0	4.00	101.6		
9634039006	163.82	9634039031	173.69	1 1/2 x 1	38.1 x 25.4	4.00	101.6		
9634039009	185.61	9634039034	223.29	2 x 1	50.8 x 25.4	6.00	152.4		
9634039010	217.53	9634039035	212.18	2 x 1 1/2	50.8 x 38.1	4.00	101.6		
9634039014	206.85	9634039039	239.83	2 1/2 x 1 1/2	63.5 x 38.1	6.00	152.4		
9634039015	188.15	9634039040	217.37	2 1/2 x 2	63.5 x 50.8	4.25	108.0		
9634039017	360.8	9634039042	307.69	3 x 1 1/2	76.2 x 38.1	8.00	203.2		
9634039018	262.67	9634039043	318.97	3 x 2	76.2 x 50.8	6.25	158.8		
9634039019	242.29	9634039044	291.52	3 x 2 1/2	76.2 x 63.5	4.25	108.0		
9634039022	513.87	9634039047	683.32	4 x 2	101.6 x 50.8	10.38	263.5		
9634039023	478.57	9634039048	575.81	4 x 2 1/2	101.6 x 63.5	8.38	212.7		
9634039024	413.25	9634039049	522.06	4 x 3	101.6 x 76.2	6.38	161.9		

* On request

NOTE: For pressure and surface, please see product leaflet.

OD/ID and t (wall thickness) please see page 1.5.158

Note: According to ASME BPE 2007

Product code: 5077
According to DT-21

Material: 316L

1.5

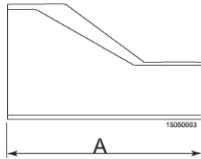
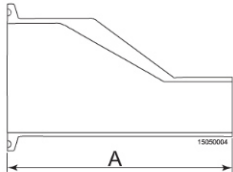
Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size DN/OD		Dimension A		
				Inch	mm	Inch	mm	
PL (SF1)		PM (SF4)						B31-14MP Concentric reducer
9634004301	171.03	9634004326	184.02	3/4 x 1/2	19.0 x 12.7	2.00	50.8	
9634004302	206.03	9634004327	222.03	1 x 1/2	25.4 x 12.7	2.50	63.5	
9634004303	171.03	9634004328	184.02	1 x 3/4	25.4 x 19.0	2.00	50.8	
9634004304	287.05	9634004329	309.05	1 1/2 x 1/2	38.1 x 12.7	3.50	88.9	
9634004305	287.05	9634004330	309.05	1 1/2 x 3/4	38.1 x 19.0	3.00	76.2	
9634004306	206.03	9634004331	224.04	1 1/2 x 1	38.1 x 25.4	3.00	76.2	
9634004308	418.06	9634004333	439.06	2 x 3/4	50.8 x 19.0	5.00	127.0	
9634004309	254.02	9634004334	269.04	2 x 1	50.8 x 25.4	5.00	127.0	
9634004310	177.04	9634004335	192.03	2 x 1 1/2	50.8 x 38.1	3.00	76.2	
9634004314	276.05	9634004339	311.05	2 1/2 x 1 1/2	63.5 x 38.1	5.00	127.0	
9634004315	219.03	9634004340	268.51	2 1/2 x 2	63.5 x 50.8	3.00	76.2	
9634004317	383.56	9634004342	441.11	3 x 1 1/2	76.2 x 38.1	7.00	177.8	
9634004318	385.08	9634004343	460.28	3 x 2	76.2 x 50.8	5.00	127.0	
9634004319	364.4	9634004344	466.8	3 x 2 1/2	76.2 x 63.5	3.00	76.2	
9634004322	467.08	9634004347	499.07	4 x 2	101.6 x 50.8	9.13	231.8	
9634004323	470.08	9634004348	507.75	4 x 2 1/2	101.6 x 63.5	9.13	231.8	
9634004324	575.37	9634004349	497.21	4 x 3	101.6 x 76.2	5.13	130.2	
9634050023	1693.31	9634050024	1788.82	6 x 3	152.4 x 76.2	7.50	190.5	
9634004325	1852.53	9634004350	2365.28	6 x 4	152.4 x 101.6	7.63	193.7	
9634039201	220.19	9634039226	299.17	3/4 x 1/2	19.0 x 12.7	2.00	50.8	
9634039202	265.23	9634039227	275.83	1 x 1/2	25.4 x 12.7	2.50	63.5	
9634039203	275.83	9634039228	297.05	1 x 3/4	25.4 x 19.0	2.00	50.8	
9634039204	346.06	9634039229	463.73	1 1/2 x 1/2	38.1 x 12.7	3.50	88.9	
9634039205	346.06	9634039230	377.87	1 1/2 x 3/4	38.1 x 19.0	3.00	76.2	
9634039206	253.05	9634039231	275.05	1 1/2 x 1	38.1 x 25.4	3.00	76.2	
9634039209	323.05	9634039234	343.05	2 x 1	50.8 x 25.4	5.00	127.0	
9634039210	220.03	9634039235	239.03	2 x 1 1/2	50.8 x 38.1	3.00	76.2	
9634039214	350.05	9634039239	638.29	2 1/2 x 1 1/2	63.5 x 38.1	5.00	127.0	
9634039215	286.05	9634039240	312.07	2 1/2 x 2	63.5 x 50.8	3.00	76.2	
9634039217	493.18	9634039242	593.38	3 x 1 1/2	76.2 x 38.1	7.00	177.8	
9634039218	318.03	9634039243	346.06	3 x 2	76.2 x 50.8	5.00	127.0	
9634039219	320.95	9634039244	285.61	3 x 2 1/2	76.2 x 63.5	3.00	76.2	
9634039222	498.34	9634039247	599.57	4 x 2	101.6 x 50.8	9.13	231.8	
9634039223	580.98	9634039248	596.07	4 x 2 1/2	101.6 x 63.5	7.13	181.0	
9634039224	652.08	9634039249	606.06	4 x 3	101.6 x 76.2	5.13	130.2	

NOTE: For pressure and surface, please see product leaflet.

Note: According to ASME BPE 2007

1.5

Finish Item No. PL (SF1)	PPL EUR	Finish Item No. PL (SF4)	PPL EUR	Size		Dimension A		
				Inch	mm	Inch	mm	
								B31S Concentric reducer, Edition 2014
9614206101	67.9	9614206122	88.27	¾ x ¼	9.53/6.35	1.626	41.3	
9614206102	71.98	9614206123	93.57	½ x ¼	12.7/6.35	1.875	46.5	
9614206103	76.29	9614206124	99.17	½ x ⅜	12.7/9.53	1.875	46.5	
9614206104	80.88	9614206125	105.12	¾ x ⅜	19.05/9.53	2.000	50.8	
9614206105	85.72	9614206126	111.44	¾ x ½	19.05/12.7	2.125	54	
9614206106	90.87	9614206127	118.12	1 x ½	25.4/12.7	2.500	63.5	
9614206107	96.32	9614206128	125.21	1 x ¾	25.4/19.05	2.125	54	
9614206108	102.09	9614206129	132.72	1½ x ¾	38.1/19.05	3.000	76.2	
9614206109	108.22	9614206130	140.69	1½ x 1	38.1/25.4	2.500	63.5	
9614206110	114.71	9614206131	149.12	2 x 1	50.8/25.4	3.375	85.8	
9614206111	121.59	9614206132	158.07	2 x 1½	50.8/38.1	2.500	63.5	
9614206112	128.88	9614206133	167.56	2½ x 1½	63.5/38.1	3.375	85.8	
9614206113	136.62	9614206134	177.6	2½ x 2	63.5/50.8	2.500	63.5	
9614206114	154.66	9614206135	201.08	3 x 1½	76.2/38.1	4.250	108	
9614206115	163.96	9614206136	213.14	3 x 2	76.2/50.8	3.375	85.8	
9614206116	173.78	9614206137	225.92	3 x 2½	76.2/63.5	2.625	66.7	
9614206117	196.73	9614206138	255.76	4 x 2	101.6/50.8	5.125	130.2	
9614206118	208.54	9614206139	271.11	4 x 2½	101.6/63.5	7.087	180	
9614206119	221.05	9614206140	287.37	4 x 3	101.6/76.2	3.875	98.4	
9614206120	1326.33	9614206141	1724.23	6 x 3	152.4/76.2	7.250	184.2	
9614206121	1405.91	9614206142	1827.67	6 x 4	152.4/101.6	5.625	142.9	
								B31SMS Concentric reducer, Edition 2014
9614206301	113.58	9614206317	147.66	1 x ½	25.4/12.7	3.000	76.2	
9614206302	120.39	9614206318	156.52	1 x ¾	25.4/19.05	2.626	66.7	
9614206303	127.62	9614206319	165.9	1½ x ¾	38.1/19.05	3.500	88.9	
9614206304	135.28	9614206320	175.85	1½ x 1	38.1/25.4	3.000	76.2	
9614206305	143.39	9614206321	186.41	2 x 1	50.8/25.4	3.874	98.4	
9614206306	152	9614206322	197.6	2 x 1½	50.8/38.1	3.000	76.2	
9614206307	161.11	9614206323	209.44	2½ x 1½	63.5/38.1	3.874	98.4	
9614206308	170.78	9614206324	222.02	2½ x 2	63.5/50.8	3.000	76.2	
9614206309	193.34	9614206325	251.34	3 x 1½	76.2/38.1	4.752	120.7	
9614206310	204.94	9614206326	266.41	3 x 2	76.2/50.8	3.878	98.5	
9614206311	217.23	9614206327	282.41	3 x 2½	76.2/63.5	3.126	79.4	
9614206312	245.92	9614206328	319.7	4 x 2	101.6/50.8	5.752	146.1	
9614206313	260.67	9614206329	338.88	4 x 2½	101.6/63.5	4.878	123.9	
9614206314	276.32	9614206330	359.21	4 x 3	101.6/76.2	4.500	114.3	
9614206315	1657.91	9614206331	2155.29	6 x 3	152.4/76.2	8.000	203.2	
9614206316	1757.39	9614206332	2284.59	6 x 4	152.4/101.6	6.374	161.9	

Finish Item No. PL (SF1)	PPL EUR	Finish Item No. PL (SF4)	PPL EUR	Size		Dimension A		
				Inch	mm	Inch	mm	
B32S Eccentric reducer, Edition 2014								
9614207601	88.27	9614207622	114.74	3/8 x 1/4	9.53/6.35	1.626	41.3	
9614207602	93.57	9614207623	121.63	1/2 x 1/4	12.7/6.35	1.831	46.5	
9614207603	99.17	9614207624	128.94	1/2 x 3/8	12.7/9.53	1.831	46.5	
9614207604	105.12	9614207625	136.66	3/4 x 3/8	19.05/9.53	2.000	50.8	
9614207605	111.44	9614207626	144.87	3/4 x 1/2	19.05/12.7	2.126	54	
9614207606	118.12	9614207627	153.55	1 x 1/2	25.4/12.7	2.500	63.5	
9614207607	125.21	9614207628	162.77	1 x 3/4	25.4/19.05	2.126	54	
9614207608	132.72	9614207629	172.54	1 1/2 x 3/4	38.1/19.05	3.000	76.2	
9614207609	140.69	9614207630	182.89	1 1/2 x 1	38.1/25.4	2.500	63.5	
9614207610	149.12	9614207631	193.86	2 x 1	50.8/25.4	3.378	85.8	
9614207611	158.07	9614207632	205.5	2 x 1 1/2	50.8/38.1	2.500	63.5	
9614207612	167.56	9614207633	217.82	2 1/2 x 1 1/2	63.5/38.1	3.378	85.8	
9614207613	177.6	9614207634	230.9	2 1/2 x 2	63.5/50.8	2.500	63.5	
9614207614	201.08	9614207635	261.38	3 x 1 1/2	76.2/38.1	4.252	108	
9614207615	213.14	9614207636	277.08	3 x 2	76.2/50.8	3.378	85.8	
9614207616	225.92	9614207637	293.7	3 x 2 1/2	76.2/63.5	2.626	66.7	
9614207617	255.76	9614207638	332.48	4 x 2	101.6/50.8	5.126	130.2	
9614207618	271.11	9614207639	352.44	4 x 2 1/2	101.6/63.5	7.087	180	
9614207619	287.37	9614207640	373.58	4 x 3	101.6/76.2	3.874	98.4	
9614207620	1724.23	9614207641	2241.49	6 x 3	152.4/76.2	7.252	184.2	
				6 x 4	152.4/101.6	5.626	142.9	
B32MS Eccentric reducer, Edition 2014								
9614207705	139.3	9614207712	181.08	3/4 x 1/2	19.05/12.7	2.626	66.7	
9614207801	147.66	9614207817	191.95	1 x 1/2	25.4/12.7	3.000	76.2	
9614207802	156.52	9614207818	203.46	1 x 3/4	25.4/19.05	2.626	66.7	
9614207803	165.9	9614207819	215.67	1 1/2 x 3/4	38.1/19.05	3.500	88.9	
9614207804	175.85	9614207820	228.61	1 1/2 x 1	38.1/25.4	3.000	76.2	
9614207805	186.41	9614207821	242.33	2 x 1	50.8/25.4	3.874	98.4	
9614207806	197.6	9614207822	256.86	2 x 1 1/2	50.8/38.1	3.000	76.2	
9614207807	209.44	9614207823	272.28	2 1/2 x 1 1/2	63.5/38.1	3.874	98.4	
9614207808	222.02	9614207824	288.62	2 1/2 x 2	63.5/50.8	3.000	76.2	
9614207809	251.34	9614207825	326.74	3 x 1 1/2	76.2/38.1	4.752	120.7	
9614207810	266.41	9614207826	346.34	3 x 2	76.2/50.8	3.878	98.5	
9614207811	282.41	9614207827	367.12	3 x 2 1/2	76.2/63.5	3.126	79.4	
9614207812	319.7	9614207828	415.61	4 x 2	101.6/50.8	5.752	146.1	
9614207813	338.88	9614207829	440.55	4 x 2 1/2	101.6/63.5	4.878	123.9	
9614207814	359.21	9614207830	466.98	4 x 3	101.6/76.2	4.500	114.3	
9614207815	2155.29	9614207831	2801.87	6 x 3	152.4/76.2	8.000	203.2	
9614207816	2284.59	9614207832	2969.97	6 x 4	152.4/101.6	6.374	161.9	

1.5

Finish Item No. PL (SF1)	PPL EUR	Finish Item No. PL (SF4)	PPL EUR	Size		Dimension A		
				Inch	mm	Inch	mm	
B31-14MPS Concentric reducer, Edition 2014								
9614207305	150.01	9614207312	195.01	¾ x ½	19.05/12.7	3.126	79.4	
9614207401	168.55	9614207406	219.12	1 x ½	25.4/12.7	3.500	88.9	
9614207402	168.55	9614207407	219.12	1 x ¾	25.4/19.05	3.126	79.4	
9614207403	178.66	9614207408	232.27	1½ x ¾	38.1/19.05	4.000	101.6	
9614207501	189.39	9614207514	246.19	1½ x 1	38.1/25.4	3.500	88.9	
9614207502	200.75	9614207515	260.97	2 x 1	50.8/25.4	4.374	111.1	
9614207503	212.79	9614207516	276.63	2 x 1½	50.8/38.1	3.500	88.9	
9614207504	225.56	9614207517	293.22	2½ x 1½	63.5/38.1	4.374	111.1	
9614207505	239.09	9614207518	310.82	2½ x 2	63.5/50.8	3.500	88.9	
9614207506	270.66	9614207519	351.87	3 x 1½	76.2/38.1	5.250	133.35	
9614207507	286.91	9614207520	372.98	3 x 2	76.2/50.8	4.374	111.1	
9614207508	304.13	9614207521	395.37	3 x 2½	76.2/63.5	3.626	92.1	
9614207509	344.3	9614207522	447.59	4 x 2	101.6/50.8	6.250	158.75	
9614207510	364.95	9614207523	474.44	4 x 2½	101.6/63.5	5.374	136.5	
9614207511	386.85	9614207524	502.9	4 x 3	101.6/76.2	5.000	127	
9614207512	2321.06	9614207525	3017.4	6 x 3	152.4/76.2	8.500	215.9	
9614207513	2460.33	9614207526	3198.43	6 x 4	152.4/101.6	7.000	177.8	
B32-14MPS Eccentric reducer, Edition 2014								
9614207905	N/A	9614207912	253.51	¾ x ½	19.05/12.7	3.126	79.4	
9614208001	219.12	9614208006	284.86	1 x ½	25.4/12.7	3.500	88.9	
9614208002	219.12	9614208007	284.86	1 x ¾	25.4/19.05	3.126	79.4	
9614208003	232.27	9614208008	301.94	1½ x ¾	38.1/19.05	4.000	101.6	
9614208101	246.19	9614208114	320.05	1½ x 1	38.1/25.4	3.500	88.9	
9614208102	260.97	9614208115	339.25	2 x 1	50.8/25.4	4.374	111.1	
9614208103	276.63	9614208116	359.61	2 x 1½	50.8/38.1	3.500	88.9	
9614208104	293.22	9614208117	381.19	2½ x 1½	63.5/38.1	4.374	111.1	
9614208105	310.82	9614208118	404.07	2½ x 2	63.5/50.8	3.500	88.9	
9614208106	351.87	9614208119	457.43	3 x 1½	76.2/38.1	5.250	133.35	
9614208107	372.98	9614208120	484.87	3 x 2	76.2/50.8	4.374	111.1	
9614208108	395.37	9614208121	513.97	3 x 2½	76.2/63.5	3.626	92.1	
9614208109	447.59	9614208122	581.85	4 x 2	101.6/50.8	6.250	158.75	
9614208110	474.44	9614208123	616.76	4 x 2½	101.6/63.5	5.374	136.5	
9614208111	502.9	9614208124	653.77	4 x 3	101.6/76.2	5.000	127	
9614208112	3017.4	9614208125	N/A	6 x 3	152.4/76.2	8.500	215.9	
9614208113	3198.43	9614208126	N/A	6 x 4	152.4/101.6	7.000	177.8	

Finish		Finish		Size		Dimension					
Item No.	PPL EUR	Item No.	PPL EUR	DN/OD		A		B			
PL (SF1)		PM (SF4)		Inch	mm	Inch	mm	Inch	mm		
BS14AM Ferrule											
9634004801	21.07	9634004810	29.18	1/2	12.7	1.75	44.5			Type A	
9634004802	21.07	9634004811	29.18	3/4	19.0	1.75	44.5				
9614000603	37.64	9414000606	*	1	25.4	1.75	44.5				
9634004803	19.22	9634004812	27.95	1	25.4	1.75	44.5				
9634004804	19.22	9634004813	29.18	1 1/2	38.1	1.75	44.5				
9634004805	22.21	9634004814	32.67	2	50.8	2.25	57.2				
9634004806	31.66	9634004815	48.8	2 1/2	63.5	2.25	57.2				
9634004807	46.64	9634004816	62.7	3	76.2	2.25	57.2				
9634004808	107.9	9634004817	129.43	4	101.6	2.25	57.2				
9634004809	247.64	9634004818	297.05	6	152.4	3.00	76.2				
14WMPs Short ferrule											
610264	36.28	610265	48.8	1/2	12.7	0.98	24.9	0.50	12.7	Type A	
610269	29.18	610270	53.05	3/4	19.0	0.98	24.9	0.50	12.7		
9614000601	53.76	9614000604	63.65	1	25.4	1.34	34.0	0.50	12.7		
610274	27.95	610275	43.26	1	25.4	1.98	50.4	0.50	12.7		
610276	27.95	610812	45.62	1 1/2	38.1	1.98	50.4	0.50	12.7		
610790	31.66	610277	49.12	2	50.8	2.52	63.9	0.50	12.7		
610278	45.52	610279	74.52	2 1/2	63.5	3.05	77.4	0.50	12.7		
610280	68.87	610281	82.75	3	76.2	3.58	90.9	0.50	12.7		
610282	154.7	610283	164.44	4	101.6	4.69	119.1	0.63	15.9		
660028	696.71	*		6	152.4	6.58	167.1	1.50	38.1		
16AMP End cap											
219123	11.92	210009	22.21	1/2 - 3/4	19.0	0.19	4.8	0.98	24.9	Type A	
9614003601	20.85	9614003602	26.52	1	25.4	0.25	6.35	1.34	34.0		
210273	10.9	210162	21.07	1-1 1/2	38.1	0.25	6.4	1.98	50.4		
210831	14.6	210891	26.94	2	50.8	0.25	6.4	2.52	63.9		
219124	22.77	210349	50.92	2 1/2	63.5	0.25	6.4	3.05	77.4		
210770	32.67	210894	58.35	3	76.2	0.25	6.4	3.58	90.9		
210783	86.99	210121	111.39	4	101.6	0.25	6.4	4.69	119.1		
260214	631.24	260213	657.76	6	152.4	0.44	11.1	6.58	167.1		
B16W End cap											
**		247020	63.65	1/2	12.7	1.81	46.0				
**		247024	84.87	3/4	19.0	1.81	46.0				
241546	44.56	242099	90.18	1	25.4	1.88	47.6				
241678	74.26	242100	95.48	1 1/2	38.1	2.06	52.4				
241681	84.87	242101	88.99	2	50.8	2.75	69.9				
242104	101.88	242102	117.48	2 1/2	63.5	3.00	76.2				
241683	122	242105	128.45	3	76.2	3.25	82.6				
241221	169.74	242103	171.61	4	101.6	4.00	101.6				
*		*		6	152.4	4.25	108.0				

* On request

** Not available

NOTE: For pressure and surface, please see product leaflet.

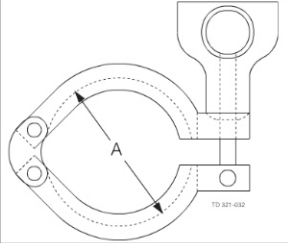
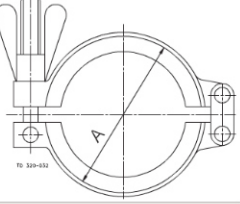
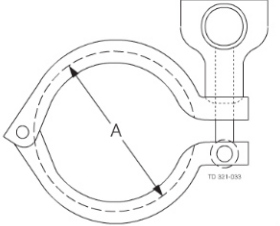
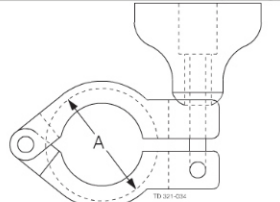
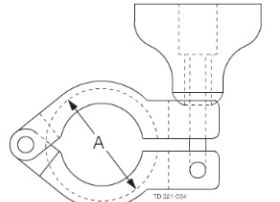
OD/ID and t (wall thickness) please see page 1.5.158

Clamp Rings

Tri-Clover® UltraPure, ASME BPE

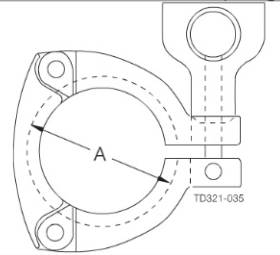
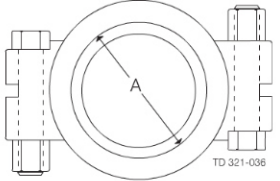
Product code: 5049

1.5

Material Item No.	PPL EUR	Size DN/OD		Dimension A		
		Inch	mm	Inch	mm	
13MHHM Clamp ring						
1.4301 (304)						
9613408801	42.88	1/2-3/4	12.7-19.0	1.13	28.0	
212195	35.3	1-1 1/2	25.4-38.1	2.13	54.0	
212196	39.9	2	50.8	2.66	67.5	
212197	48.73	2 1/2	63.5	3.19	81.0	
212198	52.96	3	76.2	3.72	94.5	
212199	64.25	4	101.6	4.83	122.6	
210129	166.43	6	152.4	6.69	169.9	
Clamp ring						
9611993113	49.28	1	25.4	1.45	37.0	
A13MHM						
211053	25.78	1 - 1 1/2	25.4-38.1	2.13	54.0	
211054	31.41	2	50.8	2.66	67.1	
211055	36.37	2 1/2	63.5	3.19	81.0	
211056	39.55	3	76.2	3.72	94.5	
211057	48.01	4	101.6	4.83	122.2	
211058	116.51	6	152.4	6.69	169.9	
13MHHS Clamp ring						
211290	20.5	1/2-3/4	12.7-19.0	1.13	28.6	
13MHHS Clamp ring						
9611994452	29.64	1/2-3/4	12.7-19.0	1.13	28.6	

NOTE: For pressure and surface, please see product leaflet.

Product code: 5049



Material Item No.	PPL EUR	Size DN/OD		Dimension A		
		Inch	mm	Inch	mm	
1.4301 (304)						13MHHS Clamp ring
211283	48.36	1-1 ¹ / ₂	25.4-38.1	2.13	54.0	
211284	54.73	2	50.8	2.66	67.5	
211286	64.95	2 ¹ / ₂	63.5	3.19	81.0	
211287	76.27	3	76.2	3.72	94.5	
211289	92.51	4	101.6	4.83	122.6	
A13MHP Clamp ring						
210180	54.38	1-1 ¹ / ₂	25.4-38.1	2.05	52.0	
210040	67.79	2	50.8	2.58	65.5	
210213	74.84	2 ¹ / ₂	63.5	3.11	79.0	
210248	91.79	3	76.2	3.64	92.5	
210042	102.75	4	101.6	4.73	120.3	
9634048982	205.29	6	152.4	6.63	168.4	

NOTE: For pressure and surface, please see product leaflet.



Product code: 5046

1.5

Seal rings for type A

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	
42MP-E				42MP-U		42MP-SFY		Inch	42MP Seal ring,
290273	1.86			290272	1.52	290274	4.27	1/2	
290265	2.07			290264	1.86	290266	4.86	3/4	
9614006401	11.42			9614006402	*	9614006403	5.43	1	
42MP-G		42MP-X						Inch	42MP Seal ring,
290270	2.42	290090	4.22					1/2	
290271	1.86	290099	4.17					3/4	
9614006404	30.26	9614006405	*					1	

Seal rings for type B

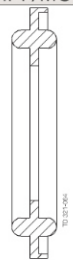
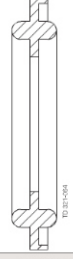
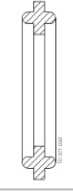
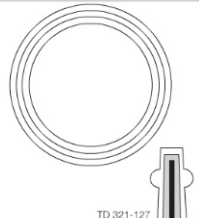
Material Item No.	PPL EUR	Material Item No.	PPL EUR	Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	
40MP-E				40MP-U		40MP-SFY		Inch	40MP/MO Seal ring,
290141	1.46			298451	0.82	290009	4.77	1	
290044	1.46			298452	0.5	290022	3.58	1 1/2	
290043	1.52			298453	0.5	290030	4.05	2	
290048	1.63			298454	1.04	290040	6.03	2 1/2	
290036	1.86			298455	1.16	290049	8.47	3	
290018	2.07			298456	1.86	290053	10.66	4	
290234	18.03			290112	12.81	290220	48.88	6	
40MP-G		40MP-X		40MP-UW		40MP-SFYW		Inch	40MP/MO Seal ring,
298224	2.34	298512	2.2	298501	0.82	290071	5.3	1	
298227	2.26	298507	1.86	298495	0.9	290070	6.37	1 1/2	
298228	2.43	298508	2.2	298496	1	290062	7.43	2	
298223	3.5	298509	2.77	298499	1.6	290057	8.1	2 1/2	
298225	3.82	298510	3.17	298497	1.8	290055	12.21	3	
298226	5.2	298511	3.46	298498	2.12	290086	14.85	4	
298235	22.94	**		290195	10.1	Not available		6	

** Not available

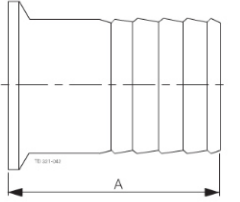
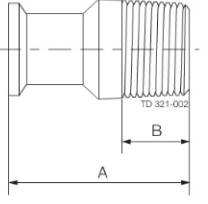
Material Descriptions

Code Letter	Material	Code Letter	Material
E	EPDM	U	Buna N
G	PTFE	UW	White Buna N
SFY	Steam Resistant Fluoroelastomer	SFY-W	White Viton
		X	Silicone (Q)

Product code: 5046

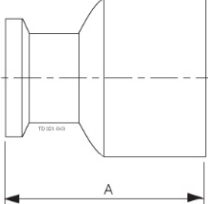
Material Item No.	PPL EUR	Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	
40MPF-E		40MPF-U		40MPF-SFY		Inch	40MPF/MOF Seal ring,
290031	2.45	298346	1.7	290097	6.1	1	
290038	2.45	298347	2.02	290115	6.15	1 1/2	
290017	2.45	298376	2.66	290117	9.76	2	
290035	3.33	298348	2.76	290118	10.19	2 1/2	
290138	3.91	298375	2.81	290119	14.85	3	
290025	4.96	298349	3.02	290172	16.62	4	
290131	19.26	298220	10.89	290182	51.87	6	
40MPF-X		40MPF-UW				Inch	
298411	2.42	298308	1.28			1	
298412	2.42	298431	1.38			1 1/2	
298413	2.54	298417	1.6			2	
298414	3.73	290069	1.7			2 1/2	
298415	3.82	298432	1.8			3	
298416	4.86	298433	2.44			4	
298605	20.92	290236	15.7			6	
40MHP-E		40MHP-SFY				Inch	
290029	9.98	290028	10.29			1	
A40MP-GR						Inch	A40MP/A40MO. PTFE Envelope Gasket with SFY Seal ring,
290072	4.46					1	
290073	5.12					1 1/2	
290074	6.18					2	
290075	6.99					2 1/2	
290076	7.22					3	
290077	14.44					4	
290085	46.06					6	

1.5

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size		Dimension				
				DN/OD		A		B		
PL (SF1)		PM (SF4)		Inch	mm	Inch	mm	Inch	mm	14MPHR Hose adapter
210493	131.55	210954	159.14	1/2 x 1/4	12.7 x 6.4	1.50	38.1			
210494	131.54	210667	154.15	1/2 x 3/8	12.7 x 9.7	1.50	38.1			
210495	68.87	210321	84.87	1/2 x 1/2	12.7 x 12.7	1.50	38.1			
210603	136.66	**		3/4 x 1/4	19.0 x 6.4	1.50	38.1			
210604	136.66	**		3/4 x 3/8	19.0 x 9.7	1.50	38.1			
210541	86.32	**		3/4 x 1/2	19.0 x 12.7	1.50	38.1			
210539	69.91	210019	95.48	3/4 x 3/4	19.0 x 19.0	1.50	38.1			
210924	124.13	210365	106.09	1 x 1	25.4 x 25.4	1.69	42.9			
210369	96.22	210370	127.31	1 1/2 x 1 1/2	38.1 x 38.1	1.69	42.9			
210373	208.76	210382	156.56	2 x 2	50.8 x 50.8	2.31	58.7			
210386	164.22	210387	199.44	2 1/2 x 2 1/2	63.5 x 63.5	2.00	50.8			
210390	275.39	210391	*	3 x 3	76.2 x 76.2	3.11	79.0			
211618	405.89	210416	*	4 x 4	101.6 x 101.6	3.41	86.5			
210577	95.58	210579	105.83	1/2 x 1/8	12.7 x 3.2	2.00	50.8	0.40	10.2	
210545	96.6	210581	108.92	1/2 x 1/4	12.7 x 6.4	2.00	50.8	0.59	15.0	
210582	98.66	210584	113.66	1/2 x 3/8	12.7 x 9.5	2.00	50.8	0.60	15.2	
210537	99.68	210586	141.78	1/2 x 1/2	12.7 x 12.7	2.00	50.8	0.78	19.8	
210551	104.25	210588	116.88	1/2 x 3/4	12.7 x 19.0	2.00	50.8	0.79	20.1	
**		211551	108.29	3/4 x 1/8	19.0 x 3.2	2.00	50.8	0.40	10.2	
210592	101.41	210993	111.51	3/4 x 1/4	19.0 x 6.4	2.00	50.8	0.59	15.0	
210548	87.97	210738	111.51	3/4 x 3/8	19.0 x 9.5	2.00	50.8	0.60	15.2	
210538	96.6	210593	96.62	3/4 x 1/2	19.0 x 12.7	2.00	50.8	0.78	19.8	
210542	96.22	210601	112.33	3/4 x 3/4	19.0 x 19.0	2.00	50.8	0.79	20.1	
219125	156.2	210840	164.41	1 x 1	25.4 x 25.4	2.25	57.2	0.69	17.5	
219126	156.2	210841	164.41	1 1/2 x 1 1/2	38.1 x 38.1	2.44	61.9	0.72	18.3	
219131	175.72	211552	189.09	2 x 2	50.8 x 50.8	2.66	67.5	0.75	19.1	
211549	279.86	211553	299.16	2 1/2 x 2 1/2	63.5 x 63.5	3.28	83.3	1.38	34.9	
210591	352.78	211554	373.15	3 x 3	76.2 x 76.2	3.50	88.9	1.20	30.6	
211550	540.43	211557	569.06	4 x 4	101.6 x 101.6	3.81	96.8	1.30	32.9	

* On request

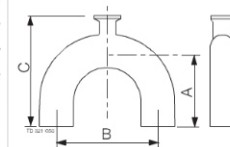
** Not available

Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size		Dimension		
				DN/OD		A		
PL (SF1)		PM (SF4)		Inch	mm	Inch	mm	22MP Female NPT adapter
210686	157.23	211559	164.42	1/2 x 1/8	12.7 x 3.2	1.25	31.8	
210367	157.23	210878	164.42	1/2 x 1/4	12.7 x 6.4	1.50	38.1	
210420	170.33	211562	173.58	1/2 x 3/8	12.7 x 9.7	1.50	38.1	
210550	158.24	210055	227.72	1/2 x 1/2	12.7 x 12.7	1.50	38.1	
210543	164.06	211145	171.58	1/2 x 3/4	12.7 x 19.0	1.62	41.1	
210554	164.06	211564	171.58	3/4 x 1/8	19.0 x 3.2	1.25	31.8	
210557	141.26	211566	171.58	3/4 x 1/4	19.0 x 6.4	1.50	38.1	
210560	164.06	211567	173.58	3/4 x 3/8	19.0 x 9.5	1.50	38.1	
210563	165.12	211144	173.72	3/4 x 1/2	19.0 x 12.7	1.50	38.1	
210536	160.3	210567	168.53	3/4 x 3/4	19.0 x 19.0	1.62	41.1	
219129	160.59	211570	204.82	1 x 1	25.4 x 25.4	1.63	41.3	
210460	194.09	210897	196.28	1 1/2 x 1 1/2	38.1 x 38.1	2.25	57.2	
210459	212.71	210769	228.13	2 x 2	50.8 x 50.8	2.34	59.2	
211558	352.78	211571	372.09	2 1/2 x 2 1/2	63.5 x 63.5	2.09	53.2	
210915	446.05	211572	465.36	3 x 3	76.2 x 76.2	2.19	55.6	
211560	595.11	211575	624.53	4 x 4	101.6 x 101.6	2.66	67.5	

NOTE: For pressure and surface, please see product leaflet.

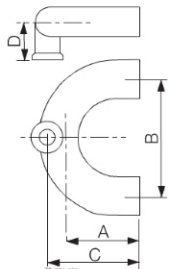
OD/ID and t (wall thickness) please see page 146

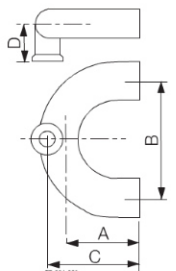
Finish Item No.	PPL EUR	Finish Item No.	PPL EUR	Size		Dimension						B2UMPBOA Bottom outlet use-point fitting
				DN/OD		A		B		C		
PL (SF1)		PM (SF4)		Inch	mm	Inch	mm	Inch	mm	Inch	mm	
9634037401	526.43	9634037428	498.95	1 x 1/2	25.4 x 12.7	3.00	76.2	3.00	76.2	4.13	104.8	
9634037402	526.43	9634037429	385.67	1 x 3/4	25.4 x 19.0	3.00	76.2	3.00	76.2	4.13	104.8	
9634037403	526.43	9634037430	490.44	1 1/2 x 1/2	38.1 x 12.7	4.50	114.3	4.50	114.3	5.88	149.2	
9634037404	526.43	9634037431	490.44	1 1/2 x 3/4	38.1 x 19.0	4.50	114.3	4.50	114.3	5.88	149.2	
9634037405	526.43	9634037432	490.44	1 1/2 x 1	38.1 x 25.4	4.50	114.3	4.50	114.3	5.88	149.2	
9634037406	768.95	9634037433	488.1	2 x 1/2	50.8 x 12.7	5.00	127.0	6.00	152.4	6.63	168.3	
9634037407	768.95	9634037434	717.67	2 x 3/4	50.8 x 19.0	5.00	127.0	6.00	152.4	6.63	168.3	
9634037408	807.41	9634037435	717.65	2 x 1	50.8 x 25.4	5.00	127.0	6.00	152.4	6.63	168.3	
9634037409	501.37	9634037436	717.67	2 x 1 1/2	50.8 x 38.1	5.00	127.0	6.00	152.4	6.63	168.3	
9634037410	979.41	9634037437	984.86	2 1/2 x 1/2	63.5 x 12.7	5.75	146.1	7.50	190.5	7.63	193.7	
9634037411	979.41	9634037438	984.86	2 1/2 x 3/4	63.5 x 19.0	5.75	146.1	7.50	190.5	7.63	193.7	
9634037412	845.92	9634037439	753.38	2 1/2 x 1	63.5 x 25.4	5.75	146.1	7.50	190.5	7.63	193.7	
9634037413	852.48	9634037440	753.38	2 1/2 x 1 1/2	63.5 x 38.1	5.75	146.1	7.50	190.5	7.63	193.7	
9634037414	811.89	9634037441	958.32	2 1/2 x 2	63.5 x 50.8	5.75	146.1	7.50	190.5	7.63	193.7	
9634037415	1057.99	9634037442	1319.08	3 x 1/2	76.2 x 12.7	6.50	165.1	9.00	228.6	8.63	219.1	
9634037416	2456.83	9634037443	1284.32	3 x 3/4	76.2 x 19.0	6.50	165.1	9.00	228.6	8.63	219.1	
9634037417	1321.51	9634037444	1284.32	3 x 1	76.2 x 25.4	6.50	165.1	9.00	228.6	8.63	219.1	
9634037418	1321.51	9634037445	1284.32	3 x 1 1/2	76.2 x 38.1	6.50	165.1	9.00	228.6	8.63	219.1	
9634037419	1387.59	9634037446	2175.51	3 x 2	76.2 x 50.8	6.50	165.1	9.00	228.6	8.63	219.1	
9634037420	1577.46	9634037447	1319.08	3 x 2 1/2	76.2 x 63.5	6.50	165.1	9.00	228.6	8.63	219.1	
9634037421	1297.04	9634037448	1570.64	4 x 1/2	101.6 x 12.7	8.50	215.9	12.00	304.8	11.13	282.6	
9634037422	1297.04	9634037449	1570.64	4 x 3/4	101.6 x 19.0	8.50	215.9	12.00	304.8	11.13	282.6	
9634037423	1262.87	9634037450	1570.64	4 x 1	101.6 x 25.4	8.50	215.9	12.00	304.8	11.13	282.6	
9634037424	1297.04	9634037451	1570.64	4 x 1 1/2	101.6 x 38.1	8.50	215.9	12.00	304.8	11.13	282.6	
9634037425	1262.87	9634037452	1570.64	4 x 2	101.6 x 50.8	8.50	215.9	12.00	304.8	11.13	282.6	
9634037426	1297.04	9634037453	1570.64	4 x 2 1/2	101.6 x 63.5	8.50	215.9	12.00	304.8	11.13	282.6	
9634037427	1297.04	9634037454	1570.64	4 x 3	101.6 x 76.2	8.50	215.9	12.00	304.8	11.13	282.6	



OD/ID and t (wall thickness) please see page 146

1.5

Finish Item No.	PPL EUR	Size		Dimension								B2UMPSOA Side outlet use-point fitting
		DN/OD		A		B		C		D		
PL (SF1)		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
9634037602	643	1 x 3/4	25.4 x 19.0	3.00	95.3	3.00	76.2	3.88	98.4	1.25	31.8	
9634037604	653.26	1 1/2 x 3/4	38.1 x 19.0	4.50	114.3	4.50	114.3	4.88	123.8	1.75	44.5	
9634037605	687.27	1 1/2 x 1	38.1 x 25.4	4.50	114.3	4.50	114.3	4.75	120.7	1.75	44.5	
9634037607	866.13	2 x 3/4	50.8 x 19.0	5.00	127.0	6.00	152.4	5.63	142.9	1.75	44.5	
9634037608	864.42	2 x 1	50.8 x 25.4	5.00	127.0	6.00	152.4	5.50	139.7	1.75	44.5	
9634037609	935.99	2 x 1 1/2	50.8 x 38.1	5.00	127.0	6.00	152.4	5.25	133.4	1.75	44.5	
9634037612	1128.87	2 1/2 x 1	63.5 x 25.4	5.75	146.1	7.50	190.5	6.50	165.1	1.75	44.5	
9634037613	1168.16	2 1/2 x 1 1/2	63.5 x 38.1	5.75	146.1	7.50	190.5	6.25	158.8	1.75	44.5	
9634037614	1202.63	2 1/2 x 2	63.5 x 50.8	5.75	146.1	7.50	190.5	6.00	152.4	2.25	57.2	
9634037617	1393.26	3 x 1	76.2 x 25.4	6.50	165.1	9.00	228.6	7.50	190.5	2.25	57.2	
9634037618	1468.64	3 x 1 1/2	76.2 x 38.1	6.50	165.1	9.00	228.6	7.25	184.2	2.25	57.2	
9634037619	1503.1	3 x 2	76.2 x 50.8	6.50	165.1	9.00	228.6	7.00	177.8	2.25	57.2	
9634037620	1538.94	3 x 2 1/2	76.2 x 63.5	6.50	165.1	9.00	228.6	6.75	171.5	2.25	57.2	
9634037623	1585.12	4 x 1	101.6 x 25.4	8.50	215.9	12.00	304.8	10.00	254.0	-	-	
9634037624	1657.76	4 x 1 1/2	101.6 x 38.1	8.50	215.9	12.00	304.8	9.75	247.7	-	-	
9634037625	1737.41	4 x 2	101.6 x 50.8	8.50	215.9	12.00	304.8	9.50	241.3	-	-	
9634037626	1773.25	4 x 2 1/2	101.6 x 63.5	8.50	215.9	12.00	304.8	9.25	235.0	-	-	
9634037627	1829.78	4 x 3	101.6 x 76.2	8.50	215.9	12.00	304.8	9.00	228.6	-	-	

Finish Item No.	PPL EUR	Size		Dimension								B2UMPSOA Side outlet use-point fitting
		DN/OD		A		B		C		D		
PM (SF4)		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
9634037629	691.73	1 x 3/4	25.4 x 19.0	3.00	95.3	3.00	76.2	3.88	98.4	1.25	31.8	
9634037631	780.16	1 1/2 x 3/4	38.1 x 19.0	4.50	114.3	4.50	114.3	4.88	123.8	1.75	44.5	
9634037632	840.11	1 1/2 x 1	38.1 x 25.4	4.50	114.3	4.50	114.3	4.75	120.7	1.75	44.5	
9634037634	1037.22	2 x 3/4	50.8 x 19.0	5.00	127.0	6.00	152.4	5.63	142.9	1.75	44.5	
9634037635	1032.06	2 x 1	50.8 x 25.4	5.00	127.0	6.00	152.4	5.50	139.7	1.75	44.5	
9634037636	1111.66	2 x 1 1/2	50.8 x 38.1	5.00	127.0	6.00	152.4	5.25	133.4	1.75	44.5	
9634037639	1283.36	2 1/2 x 1	63.5 x 25.4	5.75	146.1	7.50	190.5	6.50	165.1	1.75	44.5	
9634037640	1321.57	2 1/2 x 1 1/2	63.5 x 38.1	5.75	146.1	7.50	190.5	6.25	158.8	1.75	44.5	
9634037641	1392.15	2 1/2 x 2	63.5 x 50.8	5.75	146.1	7.50	190.5	6.00	152.4	2.25	57.2	
9634037644	1643.8	3 x 1	76.2 x 25.4	6.50	165.1	9.00	228.6	7.50	190.5	2.25	57.2	
9634037645	1725.71	3 x 1 1/2	76.2 x 38.1	6.50	165.1	9.00	228.6	7.25	184.2	2.25	57.2	
9634037646	1762.92	3 x 2	76.2 x 50.8	6.50	165.1	9.00	228.6	7.00	177.8	2.25	57.2	
9634037647	1798.76	3 x 2 1/2	76.2 x 63.5	6.50	165.1	9.00	228.6	6.75	171.5	2.25	57.2	
9634037650	1966.91	4 x 1	101.6 x 25.4	8.50	215.9	12.00	304.8	10.00	254.0	-	-	
9634037651	2005.52	4 x 1 1/2	101.6 x 38.1	8.50	215.9	12.00	304.8	9.75	247.7	-	-	
9634037652	2042.72	4 x 2	101.6 x 50.8	8.50	215.9	12.00	304.8	9.50	241.3	-	-	
9634037653	2078.58	4 x 2 1/2	101.6 x 63.5	8.50	215.9	12.00	304.8	9.25	235.0	-	-	
9634037654	2133.02	4 x 3	101.6 x 76.2	8.50	215.9	12.00	304.8	9.00	228.6	-	-	

NOTE: For pressure and surface, please see product leaflet.

OD/ID and t (wall thickness) please see page 146