

1.1 Hygienic, ISO 2037

The installation material in this section is manufactured to meet ISO 2037 tube dimensions.



Price lists	
Tubes	1.1.62
Reducers	1.1.63
Bends	1.1.65
Hose Liners	1.1.68
Tees	1.1.69
SMS Union Parts	1.1.70
Seal rings for SMS Union Parts	1.1.76
ISO Union Parts	1.1.77
DS Union Parts DS 720 tubes	1.1.79
DIN Union Parts	1.1.82
Clamp Union Parts	1.1.85
Clamp Rings for Clamp Union Parts	1.1.87
Flange connections	1.1.88

Tubes

Hygienic, ISO 2037

Tubes of manufacturing lengths of approx 6 meters
 Product code: 5102
 According to standard: ISO 2037

Finish: BD and BC

Material Item No.	PPL EUR pr. meter	Material Item No.	PPL EUR	Size	Dimension (mm)	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	BD finish Inch tubes ISO 2037
9611819010	*	9611819210	*	25	25/22.6 x 1.2	
9611819020	*	9611819220	*	32	32/29.6 x 1.2	
9611819030	*	9611819230	*	38	38/35.6 x 1.2	
9611819060	*	9611819260	*	51	51/48.6 x 1.2	
9611819090	*	9611819280	*	63.5	63.5/60.3 x 1.6	
9611819101	*	9611819290	*	76.1	76.1/72.9 x 1.6	
9611819120	*	9611819310	*	101.6	101.6/97.6 x 2.0	
BC finish Inch tubes ISO 2037						
9611819008	*	9611819868	*	25	25/22.6 x 1.2	
9611819862	*	9611819869	*	32	32/29.6 x 1.2	
9611819863	*	9611819870	*	38	38/35.6 x 1.2	
9611819864	*	9611819871	*	51	51/48.6 x 1.2	
9611819865	*	9611819872	*	63.5	63.5/60.3 x 1.6	
9611819866	*	9611819873	*	76.1	76.1/72.9 x 1.6	
9611819867	*	9611819874	*	101.6	101.6/97.6 x 2.0	
BD finish Inch tubes ISO 2037 H3 execution**						
9614042502	*	9614042509	*	25	25 x 1.2	
9614042503	*	9614042510	*	32	32 x 1.2	
9614042504	*	9614042511	*	38	38 x 1.2	
9614042505	*	9614042512	*	51	51 x 1.2	
9614042506	*	9614042513	*	63.5	63.5 x 1.6	
9614042507	*	9614042514	*	76.1	76.1 x 1.6	
9614042508	*	9614042515	*	101.6	101.6 x 2	
BC finish Inch tubes ISO 2037, H3 execution**						
9614042501	*	9614042522	*	25	25 x 1.2	
9614042516	*	9614042523	*	32	32 x 1.2	
9614042517	*	9614042524	*	38	38 x 1.2	
9614042518	*	9614042525	*	51	51 x 1.2	
9614042519	*	9614042526	*	63,5	63.5 x 1.6	
9614042520	*	9614042527	*	76.1	76.1 x 1.6	
9614042521	*	9614042528	*	101.6	101.6 x 2	

* PPL prices are updated monthly

** H3 execution = Inside surface texture (Ra μm) including welded area ≤ 0.8 (EHEDG certified)

Please contact your Alfa Laval contact person for further information.

Material Item No.	PPL EUR	Size	Dimension (mm)			Concentric reducer
			OD ₁ /ID ₁ x t ₁	OD ₂ /ID ₂ x t ₂	L	
1.4404 (316L)		mm				
3131708951	15.63	38/25	38/35.6 x 1.2	25/22.6 x 1.2	44.0	
3131708952	27.66	51/25	51/48.6 x 1.2	25/22.6 x 1.2	86.0	
3131708953	19.04	51/38	51/48.6 x 1.2	38/35.6 x 1.2	42.0	
3131708954	29.39	63.5/38	63.5/61.1 x 1.2	38/35.6 x 1.2	82.0	
3131708955	22.07	63.5/51	63.5/61.1 x 1.2	51/48.6 x 1.2	40.0	
3131708956	32.74	76.1/51	76.1/72.9 x 1.6	51/48.6 x 1.6	79.0	
3131708957	26.28	76.1/63.5	76.1/72.9 x 1.6	63.5/60.3 x 1.6	39.0	
3131708958	36.53	101.6/76.1	101.6/97.6 x 2.0	76.1/72.9 x 2.0	81.0	
						Eccentric reducer
3131708961	28.01	38/25	38/35.6 x 1.2	25/22.6 x 1.2	44.0	
3131708962	63.04	51/25	51/48.6 x 1.2	25/22.6 x 1.2	86.0	
3131708963	30.01	51/38	51/48.6 x 1.2	38/35.6 x 1.2	42.0	
3131708964	63.04	63.5/38	63.5/61.1 x 1.2	38/35.6 x 1.2	82.0	
3131708965	33.09	63.5/51	63.5/61.1 x 1.2	51/48.6 x 1.2	40.0	
3131708966	36.53	76.1/51	76.1/72.9 x 1.6	51/48.6 x 1.6	79.0	
3131708967	33.95	76.1/63.5	76.1/72.9 x 1.6	63.5/60.3 x 1.6	39.0	
3131708968	53.74	101.6/76.1	101.6/97.6 x 2.0	76.1/72.9 x 2.0	81.0	

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

Product code: 5064

Finish: OD: Polished
ID: Raw

Item No.	PPL EUR	Item No.	PPL EUR	Size	Dimension (mm)			
					OD ₁ /ID ₁ x t ₁	OD ₂ /ID ₂ x t ₂	L	
1.4307 (304L)		1.4404 (316L)		mm				Concentric reducer
9612928250	27.43	9612928259	30.16	38.1/25.4	38.1/34.9 x 1.6	25.4/22.2 x 1.6	40.0	
9612928251	39.70	9612928260	43.66	50.8/25.4	50.8/47.6 x 1.6	25.4/22.2 x 1.6	80.0	
9612928252	25.68	9612928261	28.24	50.8/38.1	50.8/47.6 x 1.6	38.1/34.9 x 1.6	41.0	
9612928253	40.22	9612928262	44.24	63.5/38.1	63.5/60.3 x 1.6	38.1/34.9 x 1.6	80.0	
9612928254	27.90	9612928263	30.69	63.5/50.8	63.5/60.3 x 1.6	50.8/47.6 x 1.6	38.0	
9612928255	50.28	9612928264	55.31	76.1/50.8	76.1/73.0 x 1.6	50.8/47.6 x 1.6	76.0	
9612928256	40.57	9612928265	44.62	76.1/63.5	76.1/73.0 x 1.6	63.5/60.3 x 1.6	36.0	
9612928257	64.19	9612928266	70.61	101.6/76.1	101.6/97.6 x 2.0	76.2/73.0 x 1.6	77.0	
9612928258	80.52	9612928267	88.56	101.6/63.5	101.6/97.6 x 2.0	63.5/60.3 x 1.6	108.0	
		9612928274	24.88	38.1/25.4	38.1/34.9 x 1.6	25.4/22.2 x 1.6	97.0	
		9612928275	40.80	50.8/38.1	50.8/47.6 x 1.6	38.1/34.9 x 1.6	97.0	
		9612928276	53.97	50.8/25.4	50.8/47.6 x 1.6	25.4/22.2 x 1.6	115.0	
		9612928277	36.46	63.5/50.8	63.5/60.3 x 1.6	50.8/47.6 x 1.6	97.0	
		9612928278	64.57	63.5/38.1	63.5/60.3 x 1.6	38.1/34.9 x 1.6	120.0	
		9612928279	52.05	76.2/63.5	76.1/73.0 x 1.6	63.5/60.3 x 1.6	97.0	
		9612928280	66.79	76.2/50.8	76.1/73.0 x 1.6	50.8/47.6 x 1.6	115.0	
		9612928281	69.07	76.2/38.1	76.1/73.0 x 2.0	38.1/34.9 x 1.6	130.0	
		9612928282	81.77	101.6/76.2	101.6/97.6 x 2.0	76.2/73.0 x 1.6	120.0	
		9612928283	93.74	101.6/63.5	101.6/97.6 x 2.0	63.5/60.3 x 1.6	140.0	
		9612928284	106.84	101.6/50.8	101.6/97.6 x 2.0	50.8/47.6 x 1.6	150.0	
								Eccentric reducer
		9612928285	30.07	38.1/25.4	38.1/34.9 x 1.6	25.4/22.2 x 1.6	100.0	
		9612928286	45.29	50.8/38.1	50.8/47.6 x 1.6	38.1/34.9 x 1.6	100.0	
		9612928287	38.24	50.8/25.4	50.8/47.6 x 1.6	25.4/22.2 x 1.6	120.0	
		9612928288	52.45	63.5/50.8	63.5/60.3 x 1.6	50.8/47.6 x 1.6	105.0	
		9612928289	49.17	63.5/38.1	63.5/60.3 x 1.6	38.1/34.9 x 1.6	140.0	
		9612928290	63.06	76.2/63.5	76.1/73.0 x 1.6	63.5/60.3 x 1.6	105.0	
		9612928291	56.83	76.2/50.8	76.1/73.0 x 1.6	50.8/47.6 x 1.6	135.0	
		9612928292	75.40	101.6/76.2	101.6/97.6 x 2.0	76.2/73.0 x 1.6	135.0	
		9612928293	71.03	101.6/63.5	101.6/97.6 x 2.0	63.5/60.3 x 1.6	170.0	
		9612929372	92.89	104/76.1	104/100 x 2.0	76.2/73 x 1.6	135.0	
		9612929373	78.44	104/63.5	104/100 x 2.0	63.5/60.3 x 1.6	170.0	

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

Wall thickness is not according to ISO 2037.

Product code: 5004

Finish: OD: Semi bright
ID: Semi bright

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	L	L ₁	R	Bend 90° - (R = 1 x D)
190683	9.53	191507	11.91	25	25/22.6 x 1.2	55.0		25.0	
3131902101	11.96	3131902111	15.13	38	38/35.6 x 1.2	70.0		38.0	
3131902181	14.18	3131902191	17.56	51	51/48.6 x 1.2	82.0		51.0	
3131902261	19.99	3131902271	24.95	63.5	63.5/60.3 x 1.6	105.0		64.0	
3131902341	33.59	3131902351	41.57	76.1	76.0/72.0 x 2.0	110.0		76.0	
Bend 90° - (R = 1 x D)									
		191699	84.69	25	25/22.6 x 1.2	55.0	255.0	25.0	
		3131902671	87.23	38	38/35.6 x 1.2	70.0	270.0	38.0	
		3131902751	116.44	51	51/48.6 x 1.2	82.0	282.0	51.0	
		3131902831	161.56	63.5	63.5/60.3 x 1.6	105.0	305.0	64.0	
		3131902911	220.63	76.1	76.1/72.1 x 2.0	110.0	310.0	76.0	
		3131907232	449.08	101.6	101.6/97.6 x 2.0	150.0	350.0	149.0	
According to standard: ISO 2851									
Bend 90° - (R = 1.5 x D)									
9611310010	10.48	9611310011	13.04	25	25/22.6 x 1.2	65.0		37.5	
9611310020	13.47	9611310021	16.39	38	38/35.6 x 1.2	85.0		57.0	
9611310030	15.47	9611310031	19.63	51	51/48.6 x 1.2	110.0		76.5	
9611310040	21.71	9611310041	26.87	63.5	63.5/60.3 x 1.6	135.0		95.3	
9611310050	35.81	9611310051	45.13	76.1	76.1/72.9 x 1.6	155.0		114.2	
9611310060	65.91	9611310061	83.10	101.6	101.6/97.6 x 2.0	195.0		152.5	
Bend 90° - (R = 1.5 x D)									
9611312661	9.53	9611312671	11.91	25	25/22.6 x 1.2	38.0		37.5	
9611312662	11.96	9611312672	15.13	38	38/35.6 x 1.2	57.0		57.0	
9611312663	14.18	9611312673	17.48	51	51/48.6 x 1.2	76.0		76.5	
9611312664	19.99	9611312674	24.95	63.5	63.5/60.3 x 1.6	95.0		95.3	
9611312665	33.59	9611312675	41.57	76.1	76.1/72.9 x 1.6	114.0		114.2	
9611312666	64.49	9611312676	80.24	101.6	101.6/97.6 x 2.0	152.0		152.5	

Product code: 5004

Finish: OD: Polished
ID: Raw

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)			ID: Raw
1.4307 (304L)		1.4404 (316L)		mm	OD x t	L	R	Bend 90° - (R = 1 x D)
9612027715	10.48	9612027722	13.11	25	25.0 x 1.2	55.0	25.0	
9612027717	13.18	9612027724	16.62	38	38.0 x 1.2	70.0	38.0	
9612027718	15.63	9612027725	19.20	51	51.0 x 1.2	82.0	51.0	
9612027719	21.98	9612027726	27.44	63.5	63.5 x 1.6	105.0	64.0	
9612027720	37.24	9612027727	45.86	76.1	76.1 x 2.0	110.0	76.0	
1.4307 (304L)		1.4404 (316L)						Bend 90° - (R = 1.5 x D)
9613404201	10.93	9613404207	13.11	25	25/22.6 x 1.2	38.0	37.5	
9613404202	13.18	9613404208	16.62	38	38/35.6 x 1.2	57.0	57.0	
9613404203	16.59	9613404209	23.99	51	51/48.6 x 1.2	76.0	76.5	
9613404204	21.98	9613404210	33.93	63.5	63.5/60.3 x 1.6	95.0	95.3	
9613404205	37.24	9613404211	45.86	76.1	76.1/72.9 x 1.6	114.0	114.2	
9613404206	73.09	9613404212	88.11	101.6	101.6/97.6 x 2.0	152.0	152.5	
								Bend 90° - (R = 3 x D)
		9612928268	13.11	25.4	25.4/22.9 X 1.25	115.0	75.0	
		9612928269	15.83	31.8	31.8/29.3 X 1.25	136.0	93.0	
		9612928270	19.91	38.1	38.1/35.6 X 1.25	140.0	115.0	
		9612928271	26.39	50.8	50.8/48.3 X 1.25	225.0	150.0	
		9612928272	44.70	63.5	63.5/60.5 X 1.50	240.0	185.0	
		9612928273	98.77	76.0	76.0/72.8 X 1.60	250.0	215.0	

Product code: 5004

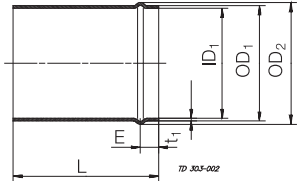
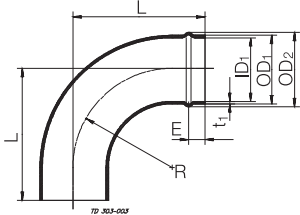
Finish: OD: Polished
ID: Raw

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)			Finish: OD: Semi bright ID: Semi bright Bend 45°, OD/ID: Semi bright
					OD/ID x t	L ₁	L ₂	
1.4307 (304L)		1.4404 (316L)		mm				
9611300661	12.39	9611300809	15.47	25	25/22.6 x 1.2	70.0	47.0	
9611300662	14.18	9611300810	17.48	38	38/35.6 x 1.2	87.0	63.0	
9611300663	16.27	9611300811	19.99	51	51/48.6 x 1.2	119.5	86.5	
9611300664	21.14	9611300812	26.72	63.5	63.5/60.3 x 1.6	136.0	101.0	
9611300665	38.68	9611300813	48.00	76.1	76.1/72.1 x 2.0	157.0	119.0	
9611300778	78.09	9611300667	96.00	101.6	101.6/97.6 x 2.0	226.5	166.0	
Bend 45°, OD/ID: Polished								
9613404301	13.60	9613404307	17.05	25	25/22.6 x 1.2	70.0	47.0	
9613404302	15.63	9613404308	19.20	38	38/35.6 x 1.2	87.0	63.0	
9613404303	17.92	9613404309	21.98	51	51/48.6 x 1.2	119.5	86.5	
9613404304	23.30	9613404310	29.39	63.5	63.5/60.3 x 1.6	136.0	101.0	
9613404305	42.27	9613404311	53.02	76.1	76.1/72.1 x 2.0	157.0	119.0	
9613404306	85.96	9613404312	105.31	101.6	101.6/97.6 x 2.0	226.5	166.0	

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

Product code: 5086, 5018

Finish: OD: Semi bright
ID: Semi bright

Material Item No.	PPL EUR	Size	Dimension (mm)					Hose liner, straight
			OD ₁ /ID ₁ x t ₁	OD ₂	E	L	R	
1.4404 (316L)		mm						
Product code: 5086								
191570	14.53	25	25/22.6 x 1.2	29.0	10.0	42.5		
191572	21.61	38	38/35.6 x 1.2	42.0	10.0	71.0		
191573	26.81	51	51/48.6 x 1.2	55.0	10.0	101.0		
191574	33.28	63.5	63.5/60.3 x 1.6	67.0	10.0	116.0		
191575	44.70	76.1	76.1/72.1 x 2.0	80.0	10.0	140.0		
3131708021	111.29	101.6	101.6/97.6 x 2.0	105.6	10.0	163.0		
Product code: 5018								
								Hose liner, bend
191596	19.28	25	25/22.6 x 1.2	29.0	10.0	55.0	25.0	
191598	23.64	38	38/35.6 x 1.2	42.0	10.0	70.0	38.0	
191599	33.23	51	51/48.6 x 1.2	55.0	10.0	82.0	51.0	
191600	68.39	63.5	63.5/60.3 x 1.6	67.0	10.0	105.0	63.5	
191601	105.50	76.1	76.1/72.1 x 2.0	80.0	10.0	110.0	76.0	
3131705681	261.82	101.6	101.6/97.6 x 2.0	105.6	10.0	150.0	150.0	

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

Product code: 5022

Finish: OD: Polished
ID: Polished

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	OD ₂ /ID ₂ x t ₂	L ₁	L ₂	Tee
190725	16.70	191652	21.07	25	25/22.6 x 1.2		55.0		
190727	22.87	191654	28.45	38	38/35.6 x 1.2		70.0		
190728	25.79	191655	32.31	51	51/48.6 x 1.2		82.0		
190729	37.97	191656	47.30	63.5	63.5/60.3 x 1.6		105.0		
190730	50.60	191657	59.46	76.1	76.1/72.1 x 2.0		110.0		
3131708511	143.35	3131708512	129.03	101.6	101.6/97.6 x 2.0		150.0		
Tee, short outlet									
9611302052	16.39	9611302155	20.27	25	25/22.6 x 1.2		55.0	27.0	
9611302053	18.55	9611302156	23.30	38	38/35.6 x 1.2		70.0	40.5	
9611302054	19.86	9611302157	24.37	51	51/48.6 x 1.2		82.0	54.5	
9611302055	28.30	9611302158	35.17	63.5	63.5/60.3 x 1.6		105.0	67.0	
9611302056	35.27	9611302159	44.43	76.1	76.1/72.1 x 2.0		110.0	81.0	
9611302057	83.59	9611302160	93.84	101.6	101.6/97.6 x 2.0		150.0	107.0	
Tee, reduced									
		1.4404 (316L)		mm	OD ₁ /ID ₁ x t ₁	OD ₂ /ID ₂ x t ₂	L ₁	L ₂	
		3131708061	23.88	51/38	51/48.6 x 1.2	38/35.6 x 1.2	82.0	70.0	
		3131708071	37.15	63.5/38	63.5/60.3 x 1.6	38/35.6 x 1.2	105.0	70.0	
		3131708081	43.71	63.5/51	63.5/60.3 x 1.6	51/48.6 x 1.2	105.0	82.0	
		3131708091	53.54	76.1/38	76.1/72.1 x 2.0	38.1/34.9 x 1.6	110.0	80.0	
		3131708101	56.83	76.1/51	76.1/72.1 x 2.0	50.8/47.6 x 1.6	110.0	82.0	
Tee, reduced, short outlet									
		3180190391	24.65	38/25	38/35.6 x 1.2	25/22.6 x 1.2	70.0	40.7	
		3180190392	28.65	51/25	51/48.6 x 1.2	25/22.6 x 1.2	82.0	54.1	
		3180190393	29.30	51/38	51/48.6 x 1.2	38/35.6 x 1.2	82.0	54.1	
		3180190394	36.53	63.5/25	63.5/60.3 x 1.6	25/22.6 x 1.2	105.0	66.5	
		3180190395	36.53	63.5/38	63.5/60.3 x 1.6	38/35.6 x 1.2	105.0	67.6	
		3180190396	44.43	63.5/51	63.5/60.3 x 1.6	51/48.6 x 1.2	105.0	66.5	
		3180190397	65.91	76.1/25	76.1/72.1 x 2.0	25/21.8 x 1.6	110.0	79.3	
		3180190398	45.13	76.1/38	76.1/72.1 x 2.0	38/34.8 x 1.6	110.0	80.6	
		3180190399	55.17	76.1/51	76.1/72.1 x 2.0	51/47.3 x 1.6	110.0	80.6	
		3180190401	45.13	76.1/63.5	76.1/72.1 x 2.0	63.5/60.3 x 1.6	110.0	80.0	
		3180190402	104.61	101.6/25	101.6/97.6 x 2.0	25/21.8 x 1.6	150.0	105.0	
		3180190403	83.10	101.6/38	101.6/97.6 x 2.0	38/34.8 x 1.6	150.0	106.6	
		3180190404	90.98	101.6/51	101.6/97.6 x 2.0	51/47.8 x 1.6	150.0	106.6	
		3180190405	84.75	101.6/63.5	101.6/97.6 x 2.0	63.5/60.3 x 1.6	150.0	106.6	
		3180190406	120.35	101.6/76.1	101.6/97.6 x 2.0	76.1/72.9 x 1.6	150.0	106.6	
		9612927740	109.58	104/25	104/100 x 2.0	25.4/21.4 x 2.0	150.0	108.0	
		9612927741	109.58	104/38	104/100 x 2.0	38.1/34.1 x 2.0	150.0	110.0	
		9612927742	133.97	104/51	104/100 x 2.0	50.8/46.8 x 2.0	150.0	110.0	
		9612927743	109.58	104/63.5	104/100 x 2.0	63.5/59.5 x 2.0	150.0	112.0	
		9612927744	109.58	104/76.1	104/100 x 2.0	76.1/72.1 x 2.0	150.0	112.0	

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

Product code: 5043

Finish: OD: Semi bright
Seals: Nitrile
Thread: RdG according to DIN 405

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t		A	B	Union
9611300382	33.66	9611330382	39.08	25	25/22.6 x 1.2		51.0	23.5	
9611300383	41.86	9611330383	48.43	38	38/35.6 x 1.2		74.0	30.0	
9611300384	47.28	9611330384	54.70	51	51/48.6 x 1.2		84.0	30.0	
9611300385	64.51	9611330385	74.62	63.5	63.5/60.3 x 1.6		100.0	33.0	
9611300386	79.85	9611330386	92.63	76.1	76.1/72.9 x 1.6		114.0	35.0	
9611300387	177.93	9611330387	202.49	101.6	101.6/97.6 x 2.0		154.0	48.0	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t		B	C	Male part
190711	11.76	191001	15.22	25	25/22.6 x 1.2		15.0	40 x 1/6	
190713	14.91	191003	18.59	38	38/35.6 x 1.2		20.0	60 x 1/6	
190714	16.24	191004	20.55	51	51/48.6 x 1.2		20.0	70 x 1/6	
190715	22.61	191005	28.73	63.5	63.5/60.3 x 1.6		24.0	85 x 1/6	
190716	26.68	191006	33.97	76.1	76.1/72.9 x 1.6		24.0	98 x 1/6	
3131708171	58.85	3131708173	74.56	101.6	101.6/97.6 x 2.0		35.0	132 x 1/6	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t		A	B	Liner
190704	7.86	190994	9.82	25	25/22.6 x 1.2		35.5	7.5	
190706	9.50	190996	12.39	38	38/35.6 x 1.2		55.0	9.0	
190707	11.15	190997	14.28	51	51/48.6 x 1.2		65.0	9.0	
190708	15.46	190998	19.46	63.5	63.5/60.3 x 1.6		80.0	9.0	
190709	19.15	190999	24.64	76.1	76.1/72.9 x 1.6		93.0	10.0	
3131708851	34.30	3131708852	43.15	101.6	101.6/97.6 x 2.0		127.0	12.0	
1.4301 (304)				mm	A	B	C	D	Nut
190613	12.58			25	51.0	20.0	40 x 1/6	32.0	
190615	15.53			38	74.0	25.0	60 x 1/6	48.0	
190616	17.96			51	84.0	26.0	70 x 1/6	60.5	
190617	24.47			63.5	100.0	30.0	85 x 1/6	74.0	
190618	31.62			76.1	114.0	32.0	98 x 1/6	87.0	
3131708841	79.98			101.6	154.0	45.0	132 x 1/6	117.0	
9613496401	43.71			104	138.0	31.0	125 x 1/6	113.0	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t		A	B	
9611309601		9611309611	12.64	25	25/22.6 x 1.2		35.5	17.0	
9611309603		9611309613	14.05	38	38/35.6 x 1.2		55.0	20.0	
9611309604		9611309614	15.86	51	51/48.6 x 1.2		65.0	20.0	
9611309605		9611309615	21.57	63.5	63.5/60.3 x 1.6		80.0	25.0	
9611309606		9611309616	26.37	76.1	76.1/72.9 x 1.6		93.0	30.0	
9611309607		9611309617	49.44	101.6	101.6/97.6 x 2.0		127.0	35.0	

NOTE: Seal rings - please see later this chapter.

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

Product code: 5043

Finish: OD: Semi bright
 Seals: Nitrile
 Thread: RdG according to DIN 405
 Connections: Expanding

Material Item No	PPL EUR	Size	Dimension (mm)				Union
			A	B	C	D	
1.4301 (304)		mm					
190655	38.65	25	51.0	38.0		25.2	
190657	52.32	38	74.0	44.0		38.2	
190658	51.27	51	84.0	46.0		51.2	
190659	69.77	63.5	100.0	56.0		63.8	
190660	111.68	76.1	114.0	66.0		76.3	
							Male part
190641	13.68	25		20.0	40 x 1/6	25.2	
190643	21.21	38		23.0	60 x 1/6	38.2	
190644	17.19	51		25.0	70 x 1/6	51.2	
190645	24.97	63.5		30.0	85 x 1/6	63.8	
190646	50.73	76.1		35.0	98 x 1/6	76.3	
190627	10.93	25	35.5	17.0		25.2	
190629	13.67	38	55.0	20.0		38.2	
190630	14.20	51	65.0	20.0		51.2	
190631	18.36	63.5	80.0	25.0		63.8	
190632	26.93	76.1	93.0	30.0		76.3	
190613	12.58	25	51.0	20.0	40 x 1/6	32.0	
190615	15.53	38	74.0	25.0	60 x 1/6	48.0	
190616	17.96	51	84.0	26.0	70 x 1/6	60.5	
190617	24.47	63.5	100.0	30.0	85 x 1/6	74.0	
190618	31.62	76.1	114.0	32.0	98 x 1/6	87.0	
3131708841	79.98	101.6	154.0	45.0	132 x 1/6	117.0	

NOTE: Seal rings - please see later this chapter.

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

Product code: 5043

Finish: OD: Semi bright
 Seals: Nitrile
 Thread: RdG according to DIN 405
 Connections: Expanding/welding

1.4404 (316L)	PPL EUR	Size	Dimension (mm)			Expanding Reducing liner		
			A	B	D			
191669	27.79	38/25	55.0	17.0	25.2			
191670	45.47	51/25	65.0	17.0	25.2			
191675	50.70	51/38	65.0	20.0	38.2			
191676	82.85	63.5/38	80.0	20.0	38.2			
191678	87.42	63.5/51	80.0	20.0	51.2			
191677	101.69	76.1/38	93.0	20.0	38.2			
191679	109.22	76.1/51	93.0	20.0	51.2			
191680	120.20	76.1/63.5	93.0	25.0	63.8			
1.4404 (316L)		mm	OD/ID x t	A	B	C	Reducing male part	
3131707372	67.33	38/25	25/22.6 x 1.2	35.6	20.0	60 x 1/6		
3131708911	92.81	51/25	25/22.6 x 1.2	48.6	20.0	70 x 1/6		
3131706571	70.37	51/38	38/35.6 x 1.2	48.6	20.0	70 x 1/6		
3131708921	118.33	63.5/38	38/35.6 x 1.2	60.3	24.0	85 x 1/6		
3131706591	98.34	63.5/51	51/48.6 x 1.2	60.3	24.0	85 x 1/6		
3131708221	156.06	76.1/51	51/48.6 x 1.2	72.9	24.0	98 x 1/6		
3131705121	143.83	76.1/63.5	63.5/60.3 x 1.6	72.9	24.0	98 x 1/6		
1.4404 (316L)		mm	OD/ID x t	A	B		Reducing liner	
3131707652	27.08	38/25	25/22.6 x 1.2	55.0	9.0			
3131707642	35.58	51/25	25/22.6 x 1.2	65.0	9.0			
3131706611	29.11	51/38	38/35.6 x 1.2	65.0	9.0			
3131707941	76.17	63.5/38	38/35.6 x 1.2	80.0	9.0			
3131706631	43.95	63.5/51	51/48.6 x 1.2	80.0	9.0			
3131707931	61.21	76.1/51	51/48.6 x 1.2	93.0	10.0			
3131708881	61.21	76.1/63.5	63.5/60.3 x 1.6	93.0	10.0			
3131708891	142.06	101.6/63.5	63.5/60.3 x 1.6	127.0	15.0			
3131708901	163.91	101.6/76.1	76.1/72.9 x 1.6	127.0	15.0			
1.4301 (304)		mm		A	B	C	D	Nut
190613	12.58	25		51.0	20.0	40 x 1/6	32.0	
190615	15.53	38		74.0	25.0	60 x 1/6	48.0	
190616	17.96	51		84.0	26.0	70 x 1/6	60.5	
190617	24.47	63.5		100.0	30.0	85 x 1/6	74.0	
190618	31.62	76.1		114.0	32.0	98 x 1/6	87.0	
3131708841	79.98	101.6		154.0	45.0	132 x 1/6	117.0	

NOTE: Seal rings - please see later this chapter.

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

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
					OD/ID x t	B	C		
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	B	C		Male part
9613409501	13.43	9613409507	15.22	25	25/22.5 x 1.25	19.0	40 x 1/6		
9613409502	19.06	9613409508	18.59	38	38/35.5 x 1.25	23.0	60 x 1/6		
9613409503	20.14	9613409509	20.55	51	51/48.5 x 1.25	23.0	70 x 1/6		
9613409504	27.93	9613409510	28.73	63.5	63.5/60.4 x 1.55	27.0	85 x 1/6		
9613409505	32.12	9613409511	33.97	76.1	76.1/72.7 x 1.7	27.0	98 x 1/6		
9613409506	58.85	9613409512	74.56	104	104/99.9 x 2.05	30.0	125 x 1/4		
1.4307 (304L)		1.4404 (316L)		mm	A	B	C	D	Liner
9613409401	6.61	9613409407	7.34	25	22.5	25.0	15.6	35.5	
9613409402	8.70	9613409408	9.66	38	35.5	38.0	16.0	55.0	
9613409403	10.56	9613409409	11.72	51	48.5	51.0	17.0	65.0	
9613409404	13.48	9613409410	14.98	63.5	60.4	63.5	17.0	80.0	
9613409405	17.63	9613409411	19.59	76.1	72.7	76.1	19.0	93.0	
9613409406	22.92	9613409412	25.46	104	99.9	104.0	19.0	118.0	
1.4307 (304L)		1.4404 (316L)		mm	OD₁/ID₁ x t₁	B	OD₂	E	Hose liner
		191577	38.25	25	25/22.6 x 1.2	50.0	29.0	10.0	
		191579	163.91	38	38/35.6 x 1.2	80.0	42.0	10.0	
		191580	58.12	51	51/48.6 x 1.2	110.0	55.0	10.0	
		191581	273.19	63.5	63.5/60.3 x 1.6	125.0	67.0	10.0	
		191582	382.46	76.1	76.1/72.1 x 2.0	150.0	80.0	10.0	
1.4301 (304)				mm	A	B	C	D	Nut
190613	12.58			25	51.0	20.0	40 x 1/6	32.0	
190615	15.53			38	74.0	25.0	60 x 1/6	48.0	
190616	17.96			51	84.0	26.0	70 x 1/6	60.5	
190617	24.47			63.5	100.0	30.0	85 x 1/6	74.0	
190618	31.62			76.1	114.0	32.0	98 x 1/6	87.0	
3131708841	79.98			101.6	154.0	45.0	132 x 1/6	117.0	

NOTE: Seal rings - please see later this chapter.

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

Product code: 5043

Finish: Machined
Thread: Round type

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				End cap
					A	B	C	D	
1.4301 (304)		1.4404 (316L)		mm					
9612143001	36.03	9612143008	39.63	25	51.0	20.0	40 x 1/6		
9612143002	38.58	9612143009	42.45	38	74.0	25.0	60 x 1/6		
9612143003	42.68	9612143010	46.95	51	84.0	26.0	70 x 1/6		
9612143004	66.79	9612143011	73.47	63.5	100.0	31.0	85 x 1/6		
9612143005	81.94	9612143012	90.14	76.1	114.0	32.0	98 x 1/6		
9612143006	136.22	9612143013	149.84	101.6	154.0	45.0	132 x 1/6		
End cap with chain									
9612145101	48.38	9612145108	53.21	25	51.0	20.0	40 x 1/6	6.5	
9612145102	54.36	9612145109	59.80	38	74.0	25.0	60 x 1/6	6.5	
9612145103	56.22	9612145110	61.84	51	84.0	26.0	70 x 1/6	6.5	
9612145104	64.52	9612145111	70.98	63.5	100.0	31.0	85 x 1/6	6.5	
9612145105	92.79	9612145112	102.07	76.1	114.0	32.0	98 x 1/6	6.5	
9612145106	142.06	9612145113	156.26	101.6	154.0	45.0	132 x 1/6	6.5	
Blank									
		190084	9.50	25	35.5	3.0			
		190086	14.45	38	55.0	4.0			
		190087	17.37	51	65.0	4.0			
		190088	21.95	63.5	80.0	4.0			
		190089	26.68	76.1	93.0	5.0			
		3131703341	51.31	101.6	127.0	6.0			

NOTE: Seal rings - please see later this chapter.

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

Product code: 5043
 Product code: 5004, 5018

Finish: Machined

Material Item No.	PPL EUR	Size	Dimension (mm)					
1.4307 (304L)		mm	A	B	C	D	E	Adapter, male to BSP male
Product code: 5043								
190502	24.01	25	40 x 1/6	30.0	1"	22.5	15.0	
190506	40.19	38	60 x 1/6	42.0	1 1/2"	35.5	23.0	
190508	54.68	51	70 x 1/6	47.0	2"	48.5	28.0	
190510	218.55	63.5	85 x 1/6	55.0	2 1/2"	60.5	32.0	
Adapter, male to BSP female								
190514	27.62	25	40 x 1/6	15.0	1"	22.5	23.0	
190518	42.37	38	60 x 1/6	22.0	1 1/2"	35.5	32.0	
190520	48.66	51	70 x 1/6	27.0	2"	48.5	38.0	
190522	218.55	63.5	85 x 1/6	31.0	2 1/2"	60.5	42.0	

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				Thread: RdG according to DIN 405	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	A	B		Short bend, nut/liner and male	
Product code: 5004										
190760	136.59	191029	157.08	25	25/22.6 x 1.2	55.0	55.0			
190762	156.26	191031	179.69	38	38/35.6 x 1.2	70.0	70.0			
190763	182.09	191032	209.40	51	51/48.6 x 1.2	82.0	82.0			
190764	202.16	191033	232.47	63.5	63.5/60.3 x 1.6	105.0	105.0			
190765	219.64	191034	252.58	76.1	76.1/72.1 x 2.0	110.0	110.0			
		1.4404 (316L)		mm	OD ₁ /ID ₁ x t ₁	A	B	OD ₂	E	Bend with hose and liner
Product code: 5018										
		191603	55.62	25	25/22.6 x 1.2	62.0	55.0	29.0	10.0	
		191605	88.46	38	38/35.6 x 1.2	79.0	70.0	42.0	10.0	
		191606	73.86	51	51/48.6 x 1.2	91.0	82.0	55.0	10.0	
		191607	160.48	63.5	63.5/60.3 x 1.6	114.0	105.0	67.0	10.0	

NOTE: Seal rings - please see later this chapter.

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

Product code: 5043

Item No.	PPL EUR	Item No.	PPL EUR	Item No	PPL EUR	Size	Dimension (mm)			Seal ring
NBR		EPDM		FPM		mm	A	B	D	
190601	1.46	3131703753	1.55	3131703752	7.86	25	32.0	5.5	24.8	
190603	1.92	3131703772	1.78	191661	23.38	38	48.0	5.5	37.8	
190604	1.92	3131703785	1.91	3131703782	21.19	51	61.0	5.5	50.8	
190605	1.97	3131703793	2.41	3131703792	25.04	63.5	73.5	5.5	63.2	
190606	2.40	3131703803	2.70	3131703801	36.70	76.1	86.0	5.5	75.5	
3131708861	4.80	3131708862	6.49	3131708863	66.70	101.6	114.0	5.5	101.0	
9611994547	4.80	9611994546	7.80	9611994548	66.70	104	116.0	5.5	104	
PTFE										Seal ring
3131705511	5.51					25	32.0	4.0	25.0	
3131705513	10.50					38	48.0	4.0	38.0	
3131705514	10.50					51	61.0	4.0	51.0	
3131705515	13.80					63.5	73.5	4.0	63.5	
3131705516	13.53					76.1	86.0	4.0	76.1	
3131705517	20.35					101.6	114.0	4.0	101.6	
NBR										Seal ring
190608	21.28					25	32.0	5.0	22.5	
190609	6.15					32	40.0	5.0	29.5	
71066	27.20					38	48.0	5.0	35.5	
71068	27.32					51	61.0	5.0	48.5	
190610	27.44					63.5	73.5	5.0	60.5	
190611	38.01					76.1	86.0	5.0	72.0	
3131708865	29.64					101.6	114.0	5.0	97.6	
PTFE										Seal ring
190987	47.06					25	32.0	4.0	22.5	
190989	15.30					38	48.0	4.0	35.5	
190990	54.10					51	61.0	4.0	48.5	
190991	54.10					63.5	73.5	4.0	60.5	
190992	43.82					76.1	86.0	4.0	72.0	
3131705171	28.84					101.6	114.0	4.0	97.6	
190993	44.55					108	120.0	4.0	100.0	

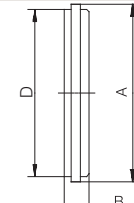
Product code: 5041

Finish: Machined
Seals: Nitrile
Thread: Trapezoidal type

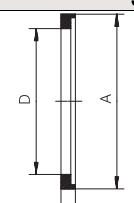
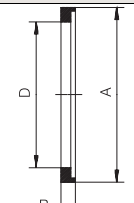
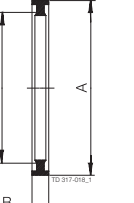
Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
		1.4404 (316L)		mm	OD/ID x t	A	B	Union	
		9611330955	41.54	25	25.6/22.5 x 1.55	48.0	35.5		
		9611330956	61.93	38	38.6/35.5 x 1.55	64.0	35.5		
		9611330957	64.69	51	51.6/48.5 x 1.55	77.0	35.5		
		9611330958	80.11	63.5	64.1/60.5 x 1.8	91.0	35.5		
		9611330959	101.43	76.1	76.6/72.0 x 2.3	106.0	35.5		
		9611330960	160.06	101.6	102.5/97.6 x 2.45	135.0	45.0		
1.4301 (304)				mm	A	B	C	D	Nut
3131900011	16.16			25	48.0	30.0	38.3 x 1/8	30.5	
3131900021	21.92			38	64.0	30.0	51.8 x 1/8	43.5	
3131900031	24.11			51	77.0	30.0	65.3 x 1/8	57.0	
3131900041	29.84			63.5	91.0	30.0	78.8 x 1/8	70.7	
3131900051	33.91			76.1	106.0	30.0	92.3 x 1/8	83.3	
9611300149	60.41			101.6	135.0	30.0	119.4 x 1/8	110.0	
		1.4404 (316L)		mm	OD/ID x t	B	C	Male part	
		3131900621	12.57	25	25.6/22.5 x 1.55	21.5	37.1 x 1/8		
		3131900631	19.99	38	38.6/35.5 x 1.55	21.5	50.6 x 1/8		
		3131900153	18.40	51	51.6/48.5 x 1.55	21.5	64.1 x 1/8		
		3131900163	23.54	63.5	64.1/60.5 x 1.8	21.5	77.6 x 1/8		
		3131900173	39.39	76.1	76.6/72.0 x 2.3	21.5	91.1 x 1/8		
		9611300899	50.22	101.6	102.5/97.6 x 2.45	21.5	118.4 x 1/8		
		1.4404 (316L)		mm	OD/ID x t	A	B	Liner	
		3131900681	9.64	25	25.6/22.5 x 1.55	33.8	12.0		
		3131900691	16.63	38	38.6/35.5 x 1.55	47.0	12.0		
		3131900273	18.58	51	51.6/48.5 x 1.55	60.5	12.0		
		3131900711	22.91	63.5	64.1/60.5 x 1.8	74.0	12.0		
		3131900721	24.04	76.1	76.6/72 x 2.3	87.5	12.0		
		9611300898	38.24	101.6	102.5/97.6 x 2.45	114.1	21.5		

NOTE: Seal rings - please see later this chapter.

NOTE: For pressure and surface, please see PD-sheet.

Material Item No.	PPL EUR	Size	Dimension (mm)			Blank
1.4404 (316L)		mm	A	B	D	
9611308290	16.96	25	33.8	10.5	29.0	
9611308291	18.58	38	47.0	10.5	42.5	
9611308292	19.67	51	60.5	10.5	56.0	
9611308293	23.32	63.5	74.0	10.5	69.7	
9611308294	30.06	76.1	87.5	10.5	82.3	
9611308295	51.42	101.6	114.1	10.5	108.4	

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

Item No.	PPL EUR	Item No.	PPL EUR	Item No.	PPL EUR	Size	Dimension (mm)			Seal ring
NBR		EPDM				mm	A	B	D	
9611990953	2.56	9611991390	4.10			25	32.5	6.0	23.6	
9611990954	5.36	9611991392	4.25			38	46.0	6.0	36.6	
9611990955	6.13	9611991393	4.30			51	59.5	6.0	49.6	
9611990956	7.76	9611991394	4.35			63.5	73.2	6.0	61.3	
9611990957	8.20	9611991395	5.07			76.1	86.5	6.0	73.9	
9611993811	*	9611993810	*			101.6	112.5	6.0	98.6	
PTFE						mm	A	B	D	Seal ring
9611991424	8.30					25	32.5	6.0	22.8	
9611991426	8.49					38	46.0	6.0	35.9	
9611991427	8.77					51	59.9	6.0	48.9	
9611991428	14.54					63.5	73.0	6.0	60.9	
9611991429	16.73					76.1	86.5	6.0	73.3	
9611991431	31.80					101.6	113.0	6.0	98.0	
NBR						mm	A	B	D	Seal ring
EPDM										
FPM										
3131900311	3.17	3131900314	7.64	3131900313	10.75	25	32.5	7.0	25.5	
3131900321	3.39	3131900324	3.00	3131900323	15.57	38	46.0	7.0	38.0	
3131900331	3.61	3131900334	17.98	3131900333	18.08	51	59.5	7.0	51.0	
3131900341	3.83	3131900344	3.91	3131900343	19.44	63.5	73.0	7.0	63.0	
3131900351	4.10	3131900354	4.94	3131900353	19.79	76.1	86.5	7.0	75.5	

* On request

Product code: 5042

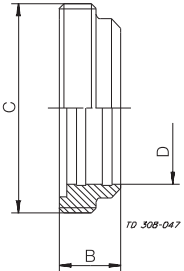
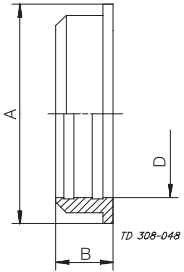
Finish: Machined
Seals: Nitrile
Thread: Round type

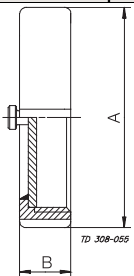
Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
		1.4404 (316L)		mm	OD/ID x t		A	B	Union
		9611330264	45.78	25	25.4/22.5 x 1.45		57.0	30.0	<p>TD 308-049</p>
		9611330265	55.00	38	38.4/35.5 x 1.45		71.0	31.5	
		9611330266	67.25	51	51.4/48.5 x 1.45		86.0	31.5	
		9611330267	90.26	63.5	63.9/60.5 x 1.7		103.0	36.5	
		9611330268	108.78	76.1	76.4/72.0 x 2.2		115.0	36.5	
		9611330269	246.87	101.6	102/97.6 x 2.2		150.0	36.5	
1.4301 (304)				mm	A	B	C	D	Nut
9611300197	13.53			25	57.0	20.0	44 x 1/6	35.0	<p>TD 308-046</p>
9611300198	13.81			38	71.0	20.0	58 x 1/6	48.5	
9611300199	17.81			51	86.0	22.0	72 x 1/6	62.5	
9611300200	24.05			63.5	103.0	24.0	88 x 1/6	76.5	
9611300201	27.38			76.1	115.0	25.0	100 x 1/6	88.5	
9611300263	93.38			101.6	150.0	28.0	130 x 1/6	117.0	
		1.4404 (316L)		mm	OD/ID x t		B	C	Male part
		9611330684	17.96	25	25.4/22.5 x 1.45		18.5	44 x 1/6	<p>TD 308-050</p>
		9611330685	21.57	38	38.4/35.5 x 1.45		20.0	58 x 1/6	
		9611330686	26.06	51	51.4/48.5 x 1.45		20.0	72 x 1/6	
		9611330687	38.78	63.5	63.9/60.5 x 1.7		24.0	88 x 1/6	
		9611330688	45.52	76.1	76.4/72.0 x 2.2		24.0	100 x 1/6	
		9611330690	95.74	101.6	102/97.6 x 2.2		24.0	130 x 1/6	
		1.4404 (316L)		mm	OD/ID x t		A	B	Liner
		9611330691	13.03	25	25.4/22.5 x 1.45		40.0	11.0	<p>TD 308-051</p>
		9611330692	18.20	38	38.4/35.5 x 1.45		54.0	11.0	
		9611330693	21.57	51	51.4/48.5 x 1.45		68.0	11.0	
		9611330694	24.86	63.5	63.9/60.5 x 1.7		84.0	12.0	
		9611330695	32.64	76.1	76.4/72.0 x 2.2		96.0	12.0	
		9611330697	52.57	101.6	102/97.6 x 2.2		124.0	12.0	

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

Product code: 5042

Finish: Machined
Thread: Round type
Connections: Expanding ends

Material Item No.	PPL EUR	Size	Dimension (mm)				Male part
			A	B	C	D	
1.4301 (304)		mm					
9611300203	15.56	25		20.0	44 x 1/6	25.0	
9611300204	21.62	38		22.0	58 x 1/6	38.0	
9611300205	21.89	51		24.0	72 x 1/6	51.0	
9611300206	43.39	63.5		26.0	88 x 1/6	63.5	
9611300207	65.56	76.1		28.0	100 x 1/6	76.0	
							Liner
9611300209	9.84	25	40.0	16.0		25.0	
9611300210	12.02	38	54.0	18.0		38.0	
9611300211	13.77	51	68.0	20.0		51.0	
9611300212	21.86	63.5	84.0	22.0		63.5	
9611300213	27.32	76.1	96.0	24.0		76.0	

Material Item No.	PPL EUR	Size	Dimension (mm)				End cap for chain
			A	B			
1.4301 (304)		mm					
9611303520	86.41	25	57.0	20.0			
9611303530	87.40	38	71.0	20.0			
9611303540	105.40	51	86.0	22.0			
9611303550	126.33	63.5	103.0	24.0			
9611303560	151.43	76.1	115.0	25.0			

NOTE: Seal rings - please see later this chapter.

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

Product code: 5042

Finish: Machined
Thread: Round type
Connections: Expanding ends

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size mm	Dimension (mm)		
		1.4404 (316L)			A	B	Blank
		9611300253	15.30	25	40.0	3.0	
		9611300254	16.39	38	54.0	3.0	
		9611300255	17.48	51	68.0	3.0	
		9611300256	20.76	63.5	84.0	4.0	
		9611300257	27.32	76.1	96.0	4.0	
		9611300259	41.52	101.6	124.0	4.0	

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

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size mm	Dimension (mm)			
		NBR			A	B	D	Seal ring
		EPDM						
9611990120	1.26	9611992814	4.94	25	32.0	4.5	25.0	
9611990121	1.42	9611992816	4.71	38	47.0	4.5	38.0	
9611990122	1.81	9611992817	4.71	51	59.0	4.5	51.0	
9611990123	2.56	9611992818	8.16	63.5	74.5	4.5	63.5	
9611990124	3.24	9611992819	11.37	76.1	88.0	4.5	76.1	
9611990558	5.18	9611992820	15.46	101.6	112.5	4.5	101.6	
		PTFE						
		FPM						
9611991167	6.77	9611992833	59.64	25	32.0	4.5	25.0	
9611991168	8.88	9611992835	59.64	38	47.0	4.5	38.0	
9611991170	9.95	9611992836	59.64	51	59.0	4.5	51.0	
9611991171	16.72	9611992837	59.64	63.5	74.5	4.5	63.5	
9611991172	17.02	9611992838	59.64	76.1	88.0	4.5	76.1	
9611991173	36.11	9611992839	109.27	101.6	112.5	4.5	101.6	

Product code: 5044

Finish: Machined
Thread: Round type

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
1.4301 (304)				mm	A	B	C	D	Nut
3131800141	12.50			25	63.0	21.0	52 x 1/6	36.0	
3131800142	13.62			32	70.0	21.0	58 x 1/6	42.0	
3131800143	14.90			40	78.0	21.0	65 x 1/6	49.0	
3131800144	16.50			50	92.0	22.0	78 x 1/6	62.0	
3131800145	24.90			65	112.0	25.0	95 x 1/6	80.0	
9611306440	30.50			75	120.0	26.0	104 x 1/6	87.0	
3131800146	33.30			80	127.0	30.0	110 x 1/4	94.0	
3131800148	50.70			100	148.0	31.0	130 x 1/4	115.0	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	B	C		Male part
9612157901	16.07	9612157917	18.91	25	25.4/22.9 x 1.25	29.0	52 x 1/6		
9612157903	23.81	9612157919	23.47	40	38.1/35.1 x 1.5	33.0	65 x 1/6		
9612157904	24.82	9612157920	29.52	50	50.8/47.8 x 1.5	35.0	78 x 1/6		
9612157905	27.31	9612157921	34.23	65	63.5/60.5 x 1.5	40.0	95 x 1/6		
9612157906	34.78	9612157922	70.64	75	76.1/73.1 x 1.5	40.0	104 x 1/6		
9612157907	57.04	9612157923	97.25	80	76.1/72.1 x 2.0	45.0	110 x 1/4		
9612157908	81.96	9612157924	101.62	100	101.6/97.6 x 2.0	54.0	130 x 1/4		
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	A	B		
9612158001	13.17	9612158017	19.77	25	25.4/22.9 x 1.25	44.0	22.0		
9612158003	14.12	9612158019	21.18	40	38.1/35.1 x 1.5	56.0	26.0		
9612158004	16.85	9612158020	25.27	50	50.8/47.8 x 1.5	68.5	28.0		
9612158005	18.80	9612158021	28.19	65	63.5/60.5 x 1.5	86.0	32.0		
9612158006	25.04	9612158022	37.55	75	76.1/73.1 x 1.5	93.7	32.0		
9612158007	41.59	9612158023	172.58	80	76.1/72.1 x 2.0	100.0	37.0		
9612158008	43.65	9612158024	65.48	100	101.6/97.6 x 2.0	121.0	44.0		

NOTE: Seal rings - please see later this chapter.

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

Product code: 5044

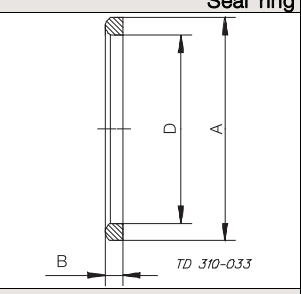
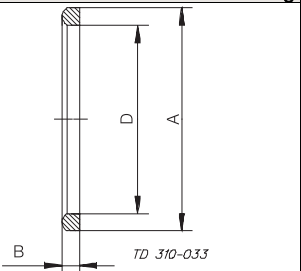
Finish: Machined
Thread: Round type

Material Item No.	PPL EUR	Size	Dimension (mm)				Male part
			A	B	C	D	
1.4301 (304)		mm					
9611300977	17.48	25		29.0	52 x 1/6	25.2	
9611300978	20.76	40		33.0	65 x 1/6	38.2	
9611300979	21.86	50		35.0	78 x 1/6	51.2	
9611300980	32.78	65		40.0	95 x 1/6	63.8	
9611306330	63.55	75		40.0	104 x 1/6	76.3	
9611300981	69.78	80		45.0	110 x 1/4	76.3	
9611300983	82.44	100		54.0	130 x 1/4	101.9	
							Liner
9611300984	8.74	25	44.0	22.0		25.2	
9611300985	13.84	40	56.0	26.0		38.2	
9611300986	20.60	50	68.0	28.0		51.2	
9611300987	35.27	65	86.0	32.0		63.8	
9611306390	37.43	75	95.0	32.0		76.3	
9611300990	39.69	100	121.0	44.0		101.9	

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)			Male part
					OD/ID x t	B	C	
1.4307 (304L)		1.4404 (316L)		mm				
3131800072	13.20	3131800071	17.16	25	25.0/22.6 x 1.2	22.0	52 x 1/6	
3131800092	16.80	3131800091	21.84	40	38/35.6 x 1.2	22.0	65 x 1/6	
3131800102	19.20	3131800101	24.96	50	51/48.6 x 1.2	22.0	78 x 1/6	
3131800112	26.16	3131800111	34.01	65	63.5/60.3 x 1.6	25.0	95 x 1/6	
9611306020	31.92	9611306021	41.50	75	76.1/73.1 x 1.5	30.0	104 x 1/6	
3131800122	34.80	3131800121	45.24	80	76.1/72.9 x 1.6	30.0	110 x 1/4	
3131800342	54.00	3131800341	70.20	100	101.6/97.6 x 2.0	30.0	130 x 1/4	
1.4307 (304L)		1.4404 (316L)		mm				Liner
3131800182	11.46	3131800181	14.90	25	25.0/22.6 x 1.2	44.0	18.0	
9611300721	194.76			32	33.7/31.3 x 1.2	50.0	15.0	
3131800192	13.94	3131800191	18.12	40	38/35.6 x 1.2	56.0	18.0	
3131800202	15.59	3131800201	20.26	50	51/48.6 x 1.2	68.0	20.0	
3131800212	23.01	3131800211	29.91	65	63.5/60.3 x 1.6	86.0	20.0	
9611306070	44.49	9611306071	63.55	75	76.1/73.1 x 1.5	95.0	20.0	
3131800222	31.79	3131800221	41.32	80	76.1/72.9 x 1.6	100.0	20.0	
3131800232	44.39	3131800231	57.70	100	101.6/97.6 x 2.0	121.0	23.0	

NOTE: Seal rings - please see later this chapter.

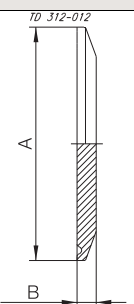
NOTE: For pressure and surface, please see product leaflet.

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)			Seal ring 
NBR		EPDM		FPM		mm	A	B	D	
52734604	1.45	9611991269	2.09	9611991864	4.21	25	40.0	5.0	30.0	
52734605	1.52	9611991270	2.11			32	46.0	5.0	36.0	
52734606	1.61	9611991271	2.14	9611991866	5.02	40	52.0	5.0	42.0	
52734607	1.69	9611991272	2.16	9611991867	5.30	50	64.0	5.0	54.0	
52734608	1.77	9611991273	2.53	9611991868	9.88	65	81.0	5.0	71.0	
9611991264	3.80	9611991274	2.60	9611991869	31.69	75	88.0	5.0	78.0	
52734609	1.85	9611991275	3.41	9611991128	9.45	80	95.0	5.0	85.0	
52734611	1.96	9611991276	4.36	9611991870	15.70	100	114.0	6.0	104.0	
Silicone (Q)		PTFE				mm	A	B	D	
9611991920	1.31	9611991876	4.71			25	40.0	5.0	30.0	
9611991922	1.61	9611991878	5.70			40	52.0	5.0	42.0	
9611991923	2.31	9611991879	6.21			50	64.0	5.0	54.0	
9611991924	2.66	9611991880	11.09			65	81.0	5.0	71.0	
9611991925	4.14	9611991881	25.25			75	88.0	5.0	78.0	
9611991926	4.34	9611991882	26.69			80	95.0	5.0	85.0	
9611991927	4.53	9611991883	28.53			100	114.0	6.0	104.0	

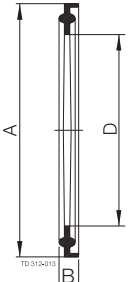
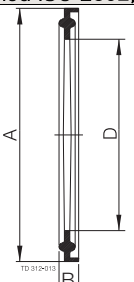
NOTE: For pressure and surface, please see product leaflet.

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)			Clamp ferrule ISO 2852
					OD/ID x t	A	B	
1.4307 (304L)		1.4404 (316L)		mm				
9611310191	12.15	9611310190	13.81	25	25.6/22.6 x 1.5	50.5	21.5	
9611310201	12.39	9611310200	14.28	38	38.6/35.6 x 1.5	50.5	21.5	
9611310211	13.81	9611310210	16.24	51	51.6/48.6 x 1.5	64.0	21.5	
9611310221	17.11	9611310220	19.79	63.5	64.1/60.3 x 1.9	77.5	21.5	
9611310231	21.51	9611310230	24.64	76.1	76.7/72.9 x 1.9	91.0	21.5	
9611310241	41.59	9611310240	48.66	101.6	102.5/97.6 x 2.45	119.0	21.5	
9611310311	191.40	9611310310	174.83	114.3	115.6/110.3 x 2.65	130.0	28.0	
9611310321	117.47	9611310320	196.69	139.7	141.2/135.7 x 2.75	155.0	28.0	
9611310331	457.97	9611310330	218.55	168.3	170.0/163.1 x 3.45	183.0	28.0	
								Clamp ferrule
		9612990107	13.81	25	25/22.6 x 1.20	50.5	21.5	
		9612990108	14.28	38	38/35.6 x 1.20	50.5	21.5	
		9612990109	16.24	51	51/48.6 x 1.20	64.0	21.5	
		9612990110	19.79	63.5	63.5/60.3 x 1.60	77.5	21.5	
		9612990111	24.64	76.1	76.1/72.9 x 1.60	91.0	21.5	
		9612990112	48.66	101.6	101.6/97.6 x 2.0	119.0	21.5	
1.4301 (304)				mm	A	B	D	Clamp ferrule
9611310660	19.67			25	50.5	20.0	25.0	
9611310670	21.86			38	50.5	20.0	38.0	
9611310680	32.78			51	64.0	25.0	51.0	
9611310690	34.57			63.5	77.5	30.0	63.5	
9611310700	65.56			76.1	91.0	30.0	76.1	
		1.4404 (316L)		mm	OD/ID x t	A	B	Clamp reducing ferrule
		9611310500	38.24	38 - 25	25.6/22.6 x 1.5	50.5	12.0	
		9611310510	49.17	38 - 32	32.6/29.6 x 1.5	50.5	12.0	
		9611310530	87.42	51 - 38	38.6/35.6 x 1.5	64.0	12.0	
		9611310550	98.34	63.5 - 51	51.6/48.6 x 1.5	77.5	12.0	
		9611310570	142.06	76.1 - 63.5	64.1/60.3 x 1.9	91.0	12.0	

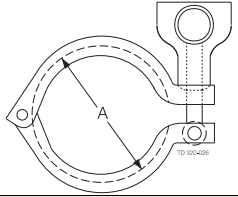
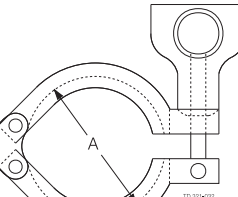
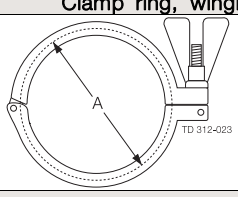
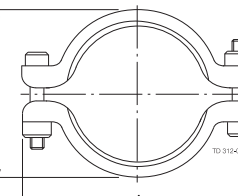
NOTE: For pressure and surface, please see product leaflet.

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)		Blank
				mm	A	B	
1.4307 (304L)		1.4404 (316L)					
9611340590	13.28	9611340600	14.74	25-38	50.4	6.4	
9611340591	16.89	9611340601	18.77	51	63.9	6.4	
9611340592	19.35	9611340602	21.51	63.5	77.4	6.4	
9611340593	25.78	9611340603	28.64	76.1	90.9	6.4	
210506 **	54.58	9611340604 9612464001	46.30 518.74	101.6 168.3	118.9 183.0	6.4 11.0	

** Not available

Item No.	PPL EUR	Item No.	PPL EUR	Item No.	PPL EUR	Size	Dimension (mm)			Seal ring
						mm	A	B	D	
NBR		EPDM		FPM						
9611990765	2.33	9611991358	2.97	9611991890	32.64	25	52.7	5.5	22.8	
9611990766	2.33	9611991359	2.97	9611991891	32.64	38	52.7	5.5	35.8	
9611990767	2.83	9611991360	3.45	9611991892	37.75	51	66.2	5.5	48.8	
9611990768	2.97	9611991361	3.77	9611991893	54.14	63.5	79.7	5.5	60.5	
9611990769	4.82	9611991362	4.22	9611991894	65.13	76.1	93.2	5.5	73.1	
9611990770	6.27	9611991363	7.67	9611991895	80.04	101.6	121.2	5.5	97.8	
9611991354	7.65	9611991364	7.87	9611991896	87.42	114.3	132.2	5.5	110.5	
9611991355	8.74	9611991365	8.20	9611991897	98.34	139.7	157.2	5.5	135.9	
9611991356	9.84	9611991366	8.69	9611991898	109.27	168.3	185.2	5.5	163.3	
9611991357	10.93	9611991367	13.11	9611991899	120.20	219.1	235.7	5.5	214.1	
PTFE						mm	A	B	D	Seal ring - (Modified ISO 2852, type A)
9611991403	16.20					25	52.7	5.1	22.6	
9611991404	17.60					38	52.7	5.1	35.6	
9611991405	19.31					51	66.2	5.1	48.6	
9611991406	20.34					63.5	79.7	5.1	60.3	
9611991407	32.34					76.1	93.2	5.1	72.9	
9611991408	32.70					101.6	121.2	5.1	97.6	

Product code: 5049

Material Item No.	PPL EUR	Size	Dimension (mm)		
			A	B	
1.4301 (304)		mm			A13MHM - Clamp ring
211053	27.35	25/38	54.0		
211054	33.32	51	67.1		
211055	38.58	63.5	81.0		
211056	41.96	76.1	94.5		
211057	50.93	101.6	122.2		
13MHM Clamp ring					
212195	37.45	25/38	54.0		
212196	42.33	51	67.5		
212197	51.70	63.5	81.0		
212198	56.19	76.1	94.5		
212199	68.17	101.6	122.6		
Clamp ring, wingnut					
9611994453	31.61	25/38	54.0		
9611994454	38.51	51	67.5		
9611994455	52.46	63.5	81.0		
9611994456	59.78	76.1	94.5		
9611994457	67.75	101.6	122.6		
Clamp ring (Allen screws)					
9611311051	12.27	25-38	85.5	58.5	
9611311052	12.27	51	99.0	72.0	
9611311053	12.65	63.5	112.5	85.5	
9611311054	16.45	76.1	126.0	99.0	
9611311055	16.69	101.6	154.0	127.0	
9611311056	43.25	114.3	165.0	138.0	
9611311057	43.71	139.7	198.0	164.0	
9611311058	44.88	168.3	226.0	192.0	
9611311059	52.45	219.1	280.5	243.5	

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

Material Item No.	PPL EUR	Size	Pressure class	Dimension (mm)				
				OD/ID x t	A	B		C
1.4404 (316L)		mm	PN (bar)				Complete flange	
9612498710	74.56	25	16	25/22.6 x 1.2	79.0	50.0	4 x M8	
9612498711	92.60	38	16	38/35.6 x 1.2	79.0	50.0	4 x M8	
9612498712	104.36	51	16	51/48.6 x 1.2	99.0	50.0	4 x M8	
9612498713	134.17	63.5	10	63.5/60.3 x 1.6	117.0	50.0	4 x M8	
9612498714	158.50	76.1	10	76.1/72.9 x 1.6	132.0	50.0	4 x M8	
9612498715	189.10	101.6	10	101.6/97.6 x 2.0	160.0	50.0	8 x M8	
1.4404 (316L)		mm		OD/ID x t	B	E	F	Flange with O-ring groove
9612493010	31.16	25		25/22.6 x 1.2	25.0	10.0	64.0	
9612493011	44.71	38		38/35.6 x 1.2	25.0	10.0	64.0	
9612493012	50.22	51		51/48.6 x 1.2	25.0	10.0	84.0	
9612493013	65.13	63.5		63.5/60.3 x 1.6	25.0	10.0	102.0	
9612493014	77.68	76.1		76.1/72.9 x 1.6	25.0	10.0	117.0	
9612493015	91.80	101.6		101.6/97.6 x 2.0	25.0	10.0	143.0	
								Flange without O-ring groove
9612492910	40.03	25		25/22.6 x 1.2	25.0	10.0	64.0	
9612492911	44.71	38		38/35.6 x 1.2	25.0	10.0	64.0	
9612492912	50.22	51		51/48.6 x 1.2	25.0	10.0	84.0	
9612492913	65.13	63.5		63.5/60.3 x 1.6	25.0	10.0	102.0	
9612492914	77.68	76.1		76.1/72.9 x 1.6	25.0	10.0	117.0	
9612492915	91.80	101.6		101.6/97.6 x 2.0	25.0	10.0	143.0	

NOTE: Seal rings - please see later this chapter.

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

Product code: 5058

Item No.	PPL EUR	Item No.	PPL EUR	Item No.	PPL EUR	Size	Dimension (mm)			Flange seal
							A	B	C	
Silicone (Q)		EPDM		FPM		mm				
9612402641	3.34	9612402631	3.14	9612402651	4.72	25	33.7	4.1	23.9	
9612402642	5.93	9612402632	3.40	9612402652	5.56	38	46.7	4.1	36.9	
9612402643	6.12	9612402633	3.51	9612402653	6.05	51	59.7	4.1	49.9	
9612402644	7.16	9612402634	3.72	9612402654	6.91	63.5	71.7	4.1	61.9	
9612402645	9.69	9612402635	6.07	9612402655	8.27	76.1	83.2	4.1	73.4	
9612402646	12.78	9612402636	7.73	9612402656	12.04	101.6	108.8	4.1	99.0	
				Flange size		Screws	Nuts	Screws and nut set		
		9612499301 9612499302	4.81 7.32	25-76.1 101.6		4xM8 x 30 8xM8 x 30	4 x M8 8 x M8			