

1.2 Hygienic, DIN 11850

The installation material in this section is manufactured to meet DIN 11850 tube dimensions.



Price lists	
Tubes DIN 11850	1.2.92
Reducers	1.2.95
Bends	1.2.98
Tees	1.2.102
DIN Union Parts	1.2.105
UltraPure Connection 11864	1.2.113
Seal rings for DIN Union Parts	1.2.114
Other fittings	1.2.116
Clamp Union Parts	1.2.117
Clamp Rings for Clamp Union Parts	1.2.118
Flange connections	1.2.119
Hygienic Union Parts DIN 11853	1.2.121

Tubes of manufacturing lengths of approx 6 meters
 Product code: 5108

Material Item No.	PPL EUR pr. meter	Material Item No.	PPL EUR pr. meter	Size DN	Dimension (mm)	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	BD finish, DIN 11850 tubes, 2nd series
9611819440	*	9611819592	*	15	19/16 x 1.5	
9611819442	*	9611819594	*	20	23/20 x 1.5	
9611819133	*	9611819596	*	25	29/26 x 1.5	
9611819443	*	9611819598	*	32	35/32 x 1.5	
9611819444	*	9611819544	*	40	41/38 x 1.5	
9611819445	*	9611819554	*	50	53/50 x 1.5	
9611819170	*	9611819365	*	65	70/66 x 2.0	
9611819175	*	9611819375	*	80	85/81 x 2.0	
9611819184	*	9611819388	*	100	104/100 x 2.0	
BD finish, DIN tubes not according to standard						
9611819430	*	9611819452	*	15	18/15 x 1.5	
9611819441	*	9611819453	*	20	22/19 x 1.5	
9611819135	*	9611819582	*	25	28/25 x 1.5	
9611819145	*	9611819584	*	32	34/31 x 1.5	
9611819155	*	9611819586	*	40	40/37 x 1.5	
9611819165	*	9611819588	*	50	52/49 x 1.5	
BC finish, DIN 11850 tubes, 2nd series						
9611819798	*	9611819647	*	15	19/16 x 1.5	
9611819800	*	9611819648	*	20	23/20 x 1.5	
9611819802	*	9611819649	*	25	29/26 x 1.5	
9611819804	*	9611819650	*	32	35/32 x 1.5	
9611819806	*	9611819651	*	40	41/38 x 1.5	
9611819808	*	9611819652	*	50	53/50 x 1.5	
9611819171	*	9611819363	*	65	70/66 x 2.0	
9611819176	*	9611819656	*	80	85/81 x 2.0	
9611819186	*	9611819657	*	100	104/100 x 2.0	
BC finish, DIN tubes not according to standard						
9611819797	*	9611819809	*	15	18/15 x 1.5	
9611819799	*	9611819941	*	20	22/19 x 1.5	
9611819801	*	9611819653	*	25	28/25 x 1.5	
9611819803	*	9611819654	*	32	34/31 x 1.5	
9611819805	*	9611819655	*	40	40/37 x 1.5	
9611819807	*	9611819934	*	50	52/49 x 1.5	

* PPL prices are updated monthly

Please contact your Alfa Laval contact person for further information.

Tubes of manufacturing lengths of approx 6 meters
Product code: 5108

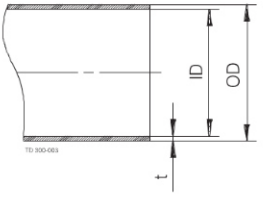
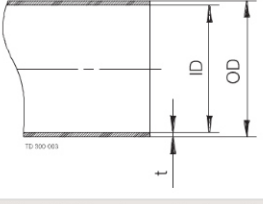
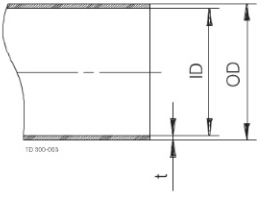
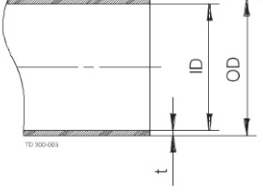
Material Item no.	PPL Euro	Material Item no.	PPL Euro	Size DN	Dimension (mm)	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	BD finish DIN 11850 tubes, 2nd series, H3 execution**
9614042417	10.63	9614042431	12.54	15	19.00x1.50	
9614042419	11.82	9614042432	14.24	20	23.00x1.50	
9614042401	13.87	9614042433	16.95	25	29.00x1.50	
9614042420	16.33	9614042434	20.15	32	35.00x1.50	
9614042421	18	9614042425	22.53	40	41.00x1.50	
9614042422	21.38	9614042426	27.33	50	53.00x1.50	
9614042406	35.71	9614042413	46.24	65	70.00x2.00	
9614042408	43.71	9614042414	56.57	80	85.00x2.00	
9614042410	54.73	9614042415	70.51	100	104.0x2.00	
BD finish DIN tubes not according to standard, H3 execution**						
9614042416	10.25	9614042423	12.04	15	18.00x1.50	
9614042418	11.25	9614042424	13.53	20	22.00x1.50	
9614042402	13.14	9614042427	16.14	25	28.00x1.50	
9614042403	15.5	9614042428	19.21	32	34.00x1.50	
9614042404	17.25	9614042429	21.68	40	40.00x1.50	
9614042405	21.13	9614042430	26.98	50	52.00x1.50	
BC finish DIN 11850 tubes, 2nd series, H3 execution**						
9614042447	8.2	9614042435	10.03	15	19.00x1.50	
9614042449	9.35	9614042436	11.7	20	23.00x1.50	
9614042451	11.31	9614042437	14.28	25	29.00x1.50	
9614042453	12.97	9614042438	16.66	32	35.00x1.50	
9614042455	14.56	9614042439	18.94	40	41.00x1.50	
9614042457	17.51	9614042440	23.25	50	53.00x1.50	
9614042407	30.4	9614042412	40.54	65	70.00x2.00	
9614042409	37.06	9614042444	49.47	80	85.00x2.00	
9614042411	45.53	9614042445	60.77	100	104.0x2.00	
BC finish DIN tubes not according to standard, H3 execution**						
9614042446	8.22	9614042458	10.01	15	18.00x1.50	
9614042448	9.22	9614042460	11.52	20	22.00x1.50	
9614042450	11.1	9614042441	14.11	25	28.00x1.50	
9614042452	12.73	9614042442	16.43	32	34.00x1.50	
9614042454	14.48	9614042443	18.91	40	40.00x1.50	
9614042456	18	9614042459	23.85	50	52.00x1.50	

* PPL prices are updated monthly

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

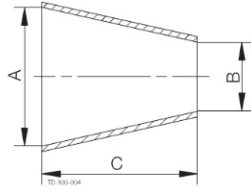
Please contact your Alfa laval contact person for further information

Tubes of manufacturing lengths of approx 6 meters
 Product code: 5108

Material Item No.	PPL EUR pr. meter	Material Item No.	PPL EUR pr. meter	Size DN	Dimension (mm)		
1.4301 (304)		1.4404 (316L)		mm	OD/ID x t	CC finish, DIN 11850 tubes, 2nd series	
9611819683	*	9611819528	*	15	19/16 x 1.5		
9611819684	*	9611819529	*	20	23/20 x 1.5		
9611819519	*	9611819627	*	25	29/26 x 1.5		
9611819520	*	9611819628	*	32	35/32 x 1.5		
9611819521	*	9611819629	*	40	41/38 x 1.5		
9611819522	*	9611819630	*	50	53/50 x 1.5		
9611819689	*	9611819631	*	65	70/66 x 2.0		
9611819690	*	9611819632	*	80	85/81 x 2.0		
9611819691	*	9611819633	*	100	104/100 x 2.0		
9611819692	*	9611819634	*	125	129/125 x 2.0		
9611819693	*	9611819534	*	150	154/150 x 2.0		
CC finish, DIN tubes not according to standard							
9611819517	*	9611819625	*	15	18/15 x 1.5		
9611819518	*	9611819626	*	20	22/19 x 1.5		
9611819523	*	9611819503	*	25	28/25 x 1.5		
9611819524	*	9611819504	*	32	34/31 x 1.5		
9611819525	*	9611819505	*	40	40/37 x 1.5		
9611819526	*	9611819506	*	50	52/49 x 1.5		
CD finish, DIN 11850 tubes, 2nd series							
9611819660	*	9611819413	*	15	19/16 x 1.5		
9611819661	*	9611819414	*	20	23/20 x 1.5		
9611819674	*	9611819435	*	25	29/26 x 1.5		
9611819675	*	9611819436	*	32	35/32 x 1.5		
9611819676	*	9611819437	*	40	41/38 x 1.5		
9611819677	*	9611819438	*	50	53/50 x 1.5		
9611819425	*	9611819450	*	65	70/66 x 2.0		
9611819426	*	9611819451	*	80	85/81 x 2.0		
9611819427	*	9611819935	*	100	104/100 x 2.0		
9611819428	*	9611819936	*	125	129/125 x 2.0		
9611819429	*	9611819449	*	150	154/150 x 2.0		
CD finish, DIN tubes not according to standard							
9611819672	*	9611819433	*	15	18/15 x 1.5		
9611819673	*	9611819434	*	20	22/19 x 1.5		
9611819678	*	9611819439	*	25	28/25 x 1.5		
9611819679	*	9611819466	*	32	34/31 x 1.5		
9611819680	*	9611819467	*	40	40/37 x 1.5		
9611819681	*	9611819468	*	50	52/49 x 1.5		

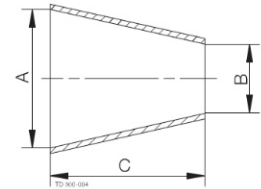
* PPL prices are updated monthly

Please contact your Alfa Laval contact person for further information.

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)			Concentric reducer
1.4307 (304L)		1.4404 (316L)		mm	A	B	C	
9612648501	11.41	9612648601	17.36	15/10	15.0	9.0	16.0	
9612648502	17.57	9612648602	23.37	20/10	19.0	9.0	25.0	
9612648503	12.59	9612648603	16.08	20/15	19.0	15.0	17.0	
9612648504	30.17	9612648604	36.33	25/10	25.0	9.0	29.5	
9612648505	17.11	9612648605	15.76	25/15	25.0	15.0	17.0	
9612648506	15.84	9612648606	15.02	25/20	25.0	19.0	19.5	
9612648507	23.87	9612648607	21.55	32/15	31.0	15.0	22.0	
9612648508	13.07	9612648608	19.65	32/20	31.0	19.0	22.0	
9612648509	11.55	9612648609	24.41	32/25	31.0	25.0	20.0	
9612648510	44.79	9612648610	62.7	40/15	37.0	15.0	45.0	
9612648511	15.15	9612648611	26.17	40/20	37.0	19.0	33.5	
9612648512	10.7	9612648612	17	40/25	37.0	25.0	28.0	
9612648513	13.78	9612648613	18.9	40/32	37.0	31.0	28.0	
9612648514	13.73	9612648614	18.09	50/25	49.0	25.0	44.0	
9612648515	17.45	9612648615	25.25	50/32	49.0	31.0	32.0	
9612648516	11.83	9612648616	14.61	50/40	49.0	37.0	37.0	
9612648517	48.32	9612648617	71.59	65/25	66.0	25.0	58.5	
9612648518	54.92	9612648618	75.05	65/32	66.0	31.0	52.0	
9612648519	19.3	9612648619	22.94	65/40	66.0	37.0	38.0	
9612648520	14	9612648620	18.21	65/50	66.0	49.0	31.0	
9612648521	79.5	9612648621	101.52	80/25	81.0	25.0	89.5	
9612648522	49.98	9612648622	79.47	80/32	81.0	31.0	83.0	
9612648523	60.7	9612648623	85.61	80/40	81.0	37.0	61.0	
9612648524	21.56	9612648624	39.78	80/50	81.0	49.0	31.5	
9612648525	23.33	9612648625	24.12	80/65	81.0	66.0	31.5	
9612648526	109.76	9612648626	146.41	100/25	100.0	25.0	112.0	
9612648527	102.04	9612648627	76.31	100/32	100.0	31.0	105.5	
9612648528	90.46	9612648628	127.8	100/40	100.0	37.0	91.5	
9612648529	77.9	9612648629	103.37	100/50	100.0	49.0	87.0	
9612648530	40.07	9612648630	53.19	100/65	100.0	66.0	54.0	
9612648531	36.28	9612648631	43.01	100/80	100.0	81.0	38.0	
9612648532	110.08	9612648632	138.37	125/25	125.0	25.0	147.5	
9612648533	116.5	9612648633	180.73	125/32	125.0	31.0	141.0	
9612648534	87.79	9612648634	136.41	125/40	125.0	37.0	127.0	
9612648535	115.6	9612648635	147.81	125/50	125.0	49.0	122.5	
9612648536	126.72	9612648636	153.38	125/65	125.0	66.0	89.5	
9612648537	62.75	9612648637	84.15	125/80	125.0	81.0	61.0	
9612648538	57.18	9612648638	74.1	125/100	125.0	100.0	36.0	
9612648539	89.82	9612648639	188.66	150/65	150.0	66.0	129.0	
9612648540	89.14	9612648640	169.25	150/80	150.0	81.0	93.0	
9612648541	83.22	9612648641	116.98	150/100	150.0	100.0	66.5	
9612648542	30.74	9612648642	77.96	150/125	150.0	125.0	40.0	
9612648543	156.66	9612648643	311.4	200/100	200.0	100.0	134.0	
9612648544	297.12	9612648644	186.38	200/125	200.0	125.0	107.5	
9612648545	188.87	9612648645	190.55	200/150	200.0	150.0	68.0	

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

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)		
1.4307 (304L)		1.4404 (316L)		mm	A	B	C
9612648546	10.49	9612648646	16.68	15/10	15.0	9.0	16.0
9612648547	17.49	9612648647	21.84	20/10	19.0	9.0	25.0
9612648548	13.06	9612648648	9.36	20/15	19.0	15.0	17.0
9612648549	28.98	9612648649	44.28	25/10	25.0	9.0	29.5
9612648550	17.26	9612648650	16.24	25/15	25.0	15.0	17.0
9612648551	19.07	9612648651	18.07	25/20	25.0	19.0	19.5
9612648552	18.05	9612648652	19.46	32/15	31.0	15.0	22.0
9612648553	6.29	9612648653	15.27	32/20	31.0	19.0	22.0
9612648554	13.59	9612648654	28.95	32/25	31.0	25.0	20.0
9612648555	40.25	9612648655	54.82	40/15	37.0	15.0	45.0
9612648556	7.16	9612648656	17.23	40/20	37.0	19.0	33.5
9612648557	14.21	9612648657	13.88	40/25	37.0	25.0	28.0
9612648558	12.57	9612648658	17.58	40/32	37.0	31.0	28.0
9612648559	16.58	9612648659	18.4	50/25	49.0	25.0	44.0
9612648560	24.12	9612648660	18.68	50/32	49.0	31.0	32.0
9612648561	13.78	9612648661	16.1	50/40	49.0	37.0	37.0
9612648562	52.64	9612648662	60.05	65/25	66.0	25.0	58.5
9612648563	54.82	9612648663	83.52	65/32	66.0	31.0	52.0
9612648564	16.12	9612648664	30.18	65/40	66.0	37.0	38.0
9612648565	11.77	9612648665	22.73	65/50	66.0	49.0	31.0
9612648566	68.63	9612648666	95.2	80/25	81.0	25.0	89.5
9612648567	44.58	9612648667	54.7	80/32	81.0	31.0	83.0
9612648568	61.61	9612648668	60.96	80/40	81.0	37.0	61.0
9612648569	26.5	9612648669	37.06	80/50	81.0	49.0	31.5
9612648570	21.16	9612648670	26.08	80/65	81.0	66.0	31.5
9612648571	57.4	9612648671	118.08	100/25	100.0	25.0	112.0
9612648572	56.72	9612648672	70.91	100/32	100.0	31.0	105.5
9612648573	96.56	9612648673	96.62	100/40	100.0	37.0	91.5
9612648574	63.56	9612648674	91.79	100/50	100.0	49.0	87.0
9612648575	30.66	9612648675	42.93	100/65	100.0	66.0	54.0
9612648576	25.73	9612648676	39.68	100/80	100.0	81.0	38.0
9612648577	103.32	9612648677	143.29	125/25	125.0	25.0	147.5
9612648578	102.64	9612648678	140.38	125/32	125.0	31.0	141.0
9612648579	86.45	9612648679	123.57	125/40	125.0	37.0	127.0
9612648580	138.98	9612648680	174.23	125/50	125.0	49.0	122.5
9612648581	132.87	9612648681	134.25	125/65	125.0	66.0	129.0
9612648582	82.23	9612648682	79.48	125/80	125.0	81.0	61.0
9612648583	53.49	9612648683	56.21	125/100	125.0	100.0	36.0
9612648584	83.05	9612648684	118.17	150/65	150.0	66.0	129.0
9612648585	83.05	9612648685	103.32	150/80	150.0	81.0	93.0
9612648586	99.6	9612648686	99.84	150/100	150.0	100.0	66.5
9612648587	26.13	9612648687	64.5	150/125	150.0	125.0	40.0
9612648588	145.86	9612648688	185.03	200/100	200.0	100.0	134.0
9612648589	244.88	9612648689	169.5	200/125	200.0	125.0	107.5
9612648590	179.57	9612648690	257.14	200/150	200.0	150.0	68.0



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

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)			Finish: OD: Semi bright ID: Raw
1.4307 (304L)		1.4404 (316L)		mm	A	B	C	Eccentric
9612648743	12.03	9612648764	33.46	15/10	16.0	10.0	11.5	
9612648744	28.79	9612648765	15.14	20/15	20.0	16.0	9.0	
9612648745	28.23	9612648766	34.35	25/15	26.0	16.0	19.0	
9612648746	15.74	9612648767	35.53	25/20	26.0	20.0	11.0	
9612648747	27.87	9612648768	43.66	32/20	32.0	20.0	22.0	
9612648748	28.97	9612648769	41.09	32/25	32.0	26.0	11.0	
9612648749	33.92	9612648770	29.51	40/25	38.0	26.0	21.5	
9612648750	29.73	9612648771	39.81	40/32	38.0	32.0	11.0	
9612648751	56.08	9612648772	73.36	50/25	50.0	26.0	44.0	
9612648752	53.89	9612648773	77.99	50/32	50.0	32.0	33.5	
9612648753	30.1	9612648774	41.37	50/40	50.0	38.0	23.0	
9612648754	60.36	9612648775	66.62	65/40	66.0	38.0	55.5	
9612648755	35.39	9612648776	32.47	65/50	66.0	50.0	33.0	
9612648756	63.04	9612648777	88.42	80/50	81.0	50.0	62.5	
9612648757	39.95	9612648778	56.55	80/65	81.0	66.0	30.0	
9612648758	85.36	9612648779	118.8	100/65	100.0	66.0	67.5	
9612648759	54.82	9612648780	78.37	100/80	100.0	81.0	38.0	
9612648760	168.95	9612648781	191.76	125/80	125.0	81.0	86.5	
9612648761	103.29	9612648782	91.86	125/100	125.0	100.0	49.0	
9612648762	107.39	9612648783	180.63	150/100	150.0	100.0	98.5	
9612648763	42.54	9612648784	91.09	150/125	150.0	125.0	50.0	

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)			Finish: OD: Mat ID: Mat
1.4307 (304L)		1.4404 (316L)		mm	A	B	C	Eccentric reducer
9612648701	28.48	9612648722	20.83	15/10	16.0	10.0	11.5	
9612648702	21	9612648723	24.35	20/15	20.0	16.0	9.0	
9612648703	44.44	9612648724	30.28	25/15	26.0	16.0	19.0	
9612648704	38.44	9612648725	17.22	25/20	26.0	20.0	11.0	
9612648705	18.65	9612648726	46.63	32/20	32.0	20.0	22.0	
9612648706	37.52	9612648727	41.58	32/25	32.0	26.0	11.0	
9612648707	35.78	9612648728	40.91	40/25	38.0	26.0	21.5	
9612648708	38.73	9612648729	18.65	40/32	38.0	32.0	11.0	
9612648709	71.67	9612648730	59.44	50/25	50.0	26.0	44.0	
9612648710	55.78	9612648731	38.5	50/32	50.0	32.0	33.5	
9612648711	29.62	9612648732	60.89	50/40	50.0	38.0	23.0	
9612648712	80.98	9612648733	76.43	65/40	66.0	38.0	55.5	
9612648713	37.96	9612648734	48.21	65/50	66.0	50.0	33.0	
9612648714	66.03	9612648735	96.14	80/50	81.0	50.0	62.5	
9612648715	42.49	9612648736	45.18	80/65	81.0	66.0	30.0	
9612648716	63.49	9612648737	105.01	100/65	100.0	66.0	67.5	
9612648717	61.93	9612648738	55.16	100/80	100.0	81.0	38.0	
9612648718	89.14	9612648739	198.16	125/80	125.0	81.0	86.5	
9612648719	107.91	9612648740	80.31	125/100	125.0	100.0	49.0	
9612648720	160.63	9612648741	108.05	150/100	150.0	100.0	98.5	
9612648721	41.19	9612648742	57.4	150/125	150.0	125.0	50.0	

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

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)			
1.4307 (304L)		1.4404 (316L)		mm	OD/IDxt	L	R	Bend 90°, 2nd series
9612154558	13.65	9612154508	15.01	10	13/10x1.5	38.0	26.0	
9612154559	13.65	9612154509	15.01	15	19/16x1.5	47.0	35.0	
9612154560	13.65	9612154510	15.01	20	23/20x1.5	52.0	40.0	
9612154561	11.31	9612154511	12.44	25	29/26x1.5	70.0	50.0	
9612154563	16.67	9612154513	18.33	40	41/38x1.5	85.0	60.0	
9612154564	22.64	9612154514	24.9	50	53/50x1.5	97.0	70.0	
9611304060	31.91	9611304062	34.08	65	70/66x2.0	110.0	80.0	
9611304080	50.65	9611304082	55.71	80	85/81x2.0	118.0	90.0	
9611304090	66.25	9611304092	72.87	100	104/100x2.0	140.0	100.0	
				125				
				150				
Bend 90°, not according to standard								
9611304120	13.65	9611304122	24.09	10	12/9x1.5	38.0	26.0	
9611304130	13.65	9611304132	24.09	15	18/15x1.5	47.0	35.0	
9611293921	13.65	9611293922	24.09	20	22/19x1.5	52.0	40.0	
9611304140	9.89	9611304142	14.95	25	28/25x1.5	70.0	50.0	
9611304160	10.88	9611304162	20.92	40	40/37x1.5	85.0	60.0	
9611304170	13.5	9611304172	25.34	50	52/49x1.5	97.0	70.0	
Bend 90°, acc. to DIN 11852, 2nd series								
9612150558	25.26	9612150508	22.61	10	13/10x1.5	26.0	26.0	
9612150559	13.56	9612150509	15.01	15	19/16x1.5	35.0	35.0	
9612150560	17.05	9612150510	19.37	20	23/20x1.5	40.0	40.0	
9612150561	8.95	9612150511	11.23	25	29/26x1.5	50.0	50.0	
9612150563	10.06	9612150513	13.69	40	41/38x1.5	60.0	60.0	
9612150564	12.29	9612150514	16.81	50	53/50x1.5	70.0	70.0	
9611301066	18.97	9611309171	24.17	65	70/66x2.0	80.0	80.0	
9611301067	32.74	9611309181	41.88	80	85/81x2.0	90.0	90.0	
9611301068	45.02	9611309191	56.46	100	104/100x2.0	100.0	100.0	
9611309200	146.63	9611309201	133.44	125	129/125x2.0	187.5	187.5	
9611309210	204.16	9611309211	184.34	150	154/150x2.0	225.0	225.0	
Bend 90°, not according to standard								
9611309100	13.44	9611309101	15.53	10	12/9x1.5	26.0	26.0	
9611301060	13.44	9611309111	15.53	15	18/15x1.5	35.0	35.0	
9611301061	13.44	9611309131	15.53	20	22/19x1.5	40.0	40.0	
9611301062	8.95	9611309121	11.23	25	28/25x1.5	50.0	50.0	
9611301064	10.06	9611309151	12.7	40	40/37x1.5	60.0	60.0	
9611301065	12.29	9611309161	16.81	50	52/49x1.5	70.0	70.0	

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

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)			
1.4307 (304L)		1.4404 (316L)		mm	OD/IDxt	L	R	Bend 90, 2nd series
9612154565	12.29	9612154527	18.84	10	13/10x1.5	38.0	26.0	
9612154566	12.29	9612154528	18.84	15	19/16x1.5	47.0	35.0	
9612154567	12.29	9612154529	18.84	20	23/20x1.5	52.0	40.0	
9612154568	13.52	9612154530	21.17	25	29/26x1.5	70.0	50.0	
9612154570	16.36	9612154532	21.62	40	41/38x1.5	85.0	60.0	
9612154571	18.41	9612154533	23.78	50	53/50x1.5	97.0	70.0	
9611304061	20.59	9611304063	27.81	65	70/66x2.0	110.0	80.0	
9611304081	64.83	9611304083	70.91	80	85/81x2.0	118.0	90.0	
9611304091	89.03	9611304093	92.7	100	104/100x2.0	140.0	100.0	
				125				
				150				
Not according to standard								
9611304121	13.16	9611304123	18.84	10	12/9x1.5	38.0	26.0	
9611304131	16.48	9611304133	19.78	15	18/15x1.5	47.0	35.0	
9611293923	17.51	9611293924	21.01	20	22/19x1.5	52.0	40.0	
9611304141	18.54	9611304143	22.25	25	28/25x1.5	70.0	50.0	
9611304161	20.6	9611304163	24.72	40	40/37x1.5	85.0	60.0	
9611304171	22.66	9611304173	27.19	50	52/49x1.5	97.0	70.0	
Acc. to DIN 11852, 2nd series								
9612150565	13.41	9612150527	14.75	10	13/10x1.5	26.0	26.0	
9612150566	13.41	9612150528	14.75	15	19/16x1.5	35.0	35.0	
9612150567	13.41	9612150529	14.75	20	23/20x1.5	40.0	40.0	
9612150568	13.41	9612150530	14.75	25	29/26x1.5	50.0	50.0	
9612150570	13.96	9612150532	15.35	40	41/38x1.5	60.0	60.0	
9612150571	16.02	9612150533	17.62	50	53/50x1.5	70.0	70.0	
9611309172	20.12	9611309173	22.13	65	70/66x2.0	80.0	80.0	
9611309182	29.57	9611309183	32.53	80	85/81x2.0	90.0	90.0	
9611309192	40.14	9611309193	44.15	100	104/100x2.0	100.0	100.0	
				125				
				150				
Not according to standard								
9611309102	10.39	9611309103	10.88	10	132/9x1.5	26.0	26.0	
9611309112	10.39	9611309113	10.88	15	18/15x1.5	35.0	35.0	
9611309132	10.39	9611309133	10.88	20	22/19x1.5	40.0	40.0	
9611309122	8.01	9611309123	11.32	25	28/25x1.5	50.0	50.0	
9611309152	8.98	9611309153	14.72	40	40/37x1.5	60.0	60.0	
9611309162	11.07	9611309163	15.25	50	52/49x1.5	70.0	70.0	

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

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)				
1.4301 (304)		1.4404 (316L)		mm	OD/IDxt	L	R	Bend 45, 2nd series OD/ID: Semi bright	
9612154642	21.63	9612154611	25.96	25	29/26x1.5	34.0	50.0		
9612154644	26.78	9612154613	32.14	40	41/38x1.5	41.0	60.0		
9612154645	32.96	9612154614	39.55	50	53/50x1.5	48.0	70.0		
9611293861	53.56	9611293862	64.27	65	70/66x2.0	55.0	80.0		
9611293871	72.76	9611293872	87.31	80	85/81x2.0	62.0	90.0		
9611293881	97.85	9611293882	117.42	100	104/100x2.0	69.0	100.0		
9611293891	247.25	9611293892	274.34	125	129/125x2.0	131.0	187.5		
9611293901	320.6	9611293902	356.87	150	154/150x2.0	157.0	225.0		
									Acc to DIN 11852, 2nd series. OD/ID: Mat
9612154649	14.53	9612154630	17.44	25	28/26x1.5	34.0	50.0		
9612154651	28.67	9612154632	34.4	40	41/38x1.5	41.0	60.0		
9612154652	22.28	9612154633	26.73	50	53/50x1.5	48.0	70.0		
9611293863	30.9	9611293864	37.08	65	70/66x2.0	55.0	80.0		
9611293873	50.09	9611293874	60.11	80	85/81x2.0	62.0	90.0		
9611293883	72.1	9611293884	86.52	100	104/100x2.0	69.0	100.0		
9611293893	143.17	9611293894	171.8	125	129/125x2.0	131.0	187.5		
9611293903	179.63	9611293904	215.56	150	154/150x2.0	157.0	225.0		
								OD: Semi bright, ID: Raw, non standard	
9611293821	20.93	9611293822	25.11	25	28/25x1.5	34.0	50.0		
9611293841	28.05	9611293842	33.67	40	40/37x1.5	41.0	60.0		
9611293851	33.91	9611293852	40.69	50	52/49x1.5	48.0	70.0		
								OD/ID: Mat, non standard	
9611293823	12.66	9611293824	18.72	25	28/25x1.5	34.0	50.0		
		9611293834	17.52	32	34/31x1.5	37.0	55.0		
9611293843	15.71	9611293844	21.5	40	40/37x1.5	41.0	60.0		
9611293853	16.48	9611293854	27.15	50	52/49x1.5	48.0	70.0		

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

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)				
1.4301 (304)		1.4404 (316L)		mm	OD/IDxt	A	B	C	Bend 180°, OD: Semi bright, ID: Raw, non standard
9612156801	46.32	9612156825	51.5	10	12/9x1.5	52.0			
9612156802	41.2	9612156826	53.56	15	18/15x1.5	68.0			
9612156803	43.26	9612156827	55.62	20	22/19x1.5	76.0			
9612156804	46.35	9612156828	58.71	25	28/25x1.5	100.0			
9612156806	57.68	9612156830	97.21	40	40/37x1.5	120.0			
9612156807	82.4	9612156831	100.94	50	52/49x1.5	140.0			
9612156808	103	9612156832	123.6	65	70/66x2.0	160.0			
9612156809	364.91	9612156833	437.89	80	85/81x2.0	180.0			
9612156810	185.03	9612156834	262.69	100	104/100x2.0	200.0			
Bend 180°, OD/ID: Mat, non standard									
9612156813	41.26	9612156837	49.2	10	12/9x1.5	52.0			
9612156814	43.26	9612156838	50.67	15	18/15x1.5	68.0			
9612156815	49.2	9612156839	53.35	20	22/19x1.5	76.0			
9612156816	45.32	9612156840	52.67	25	28/25x1.5	100.0			
9612156818	51.5	9612156842	68.21	40	40/37x1.5	120.0			
9612156819	63.86	9612156843	91.17	50	52/49x1.5	140.0			
9612156820	87.55	9612156844	120.85	65	70/66x2.0	160.0			
9612156821	121.55	9612156845	184.53	80	85/81x2.0	180.0			
9612156822	165.45	9612156846	238.74	100	104/100x2.0	200.0			
T-double bend - OD: Semi bright, ID: Raw									
9612154201	76.31	9612154215	91.58	25		49.0	50.0	25.0	
9612154203	98.88	9612154217	118.66	40		59.0	60.0	37.0	
9612154204	123.6	9612154218	148.32	50		69.0	70.0	49.0	
9612154205	160.68	9612154219	192.82	65		79.0	80.0	66.0	
9612154206	197.76	9612154220	237.31	80		89.0	90.0	81.0	
9612154207	406.66	9612154221	487.99	100		99.0	100.0	100.0	
T-double bend - OD/ID: Mat									
9612154208	68.88	9612154222	94.79	25		49.0	50.0	25.0	
9612154210	79	9612154224	112.91	40		59.0	60.0	37.0	
9612154211	95.22	9612154225	126.63	50		69.0	70.0	49.0	
9612154212	120.21	9612154226	152.63	65		79.0	80.0	66.0	
9612154213	170.17	9612154227	246.05	80		89.0	90.0	81.0	
9612154214	230.96	9612154228	390.5	100		99.0	100.0	100.0	

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

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)			
					OD/ID x t	L		
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	L		Tee, acc. to DIN 11852, 2nd series
9612155558	56.43	9612155508	59.43	10	13/10 x 1.5	26.0		
9612155559	27.17	9612155509	60.81	15	19/16 x 1.5	35.0		
9612155560	38.01	9612155510	50.43	20	23/20 x 1.5	40.0		
9612155561	23.84	9612155511	19.25	25	29/26 x 1.5	50.0		
9612155563	27.74	9612155513	24.51	40	41/38 x 1.5	60.0		
9612155564	38.13	9612155514	32.07	50	53/50 x 1.5	70.0		
9611309290	35.93	9611309291	44.58	65	70/66 x 2.0	80.0		
9611309300	47.98	9611309301	64.35	80	85/81 x 2.0	90.0		
9611309310	83.93	9611309311	77.91	100	104/100 x 2.0	100.0		
9611309320	349.44	9611309321	417.86	125	129/125 x 2.0	187.5		
9611309330	615.29	9611309331	641.63	150	154/150 x 2.0	225.0		
								Tee, form TS, non standard
9611309220	24.15	9611309221	27.22	10	12/9 x 1.5	26.0		
9611309230	24.15	9611309231	27.22	15	18/15 x 1.5	35.0		
9611309240	24.15	9611309241	27.22	20	22/19 x 1.5	40.0		
9611309250	16.75	9611309251	21.18	25	28/25 x 1.5	50.0		
9611309270	24.62	9611309271	28.53	40	40/37 x 1.5	60.0		
9611309280	30.29	9611309281	32.07	50	52/49 x 1.5	70.0		
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	L₁	L₂	Tee, short, acc. to DIN 11852, 2nd series
9612928701	23.71	9612928711	28.45	15	19/16 x 1.5	35.0	11.0	
9612928702	23.71	9612928712	28.45	20	23/20 x 1.5	40.0	13.0	
9612928703	15.78	9612928713	20.84	25	29/26 x 1.5	50.0	16.5	
9612928705	19.09	9612928715	25	40	41/38 x 1.5	60.0	22.5	
9612928706	21	9612928716	27.5	50	53/50 x 1.5	70.0	29.5	
9611304580	22.68	9611304582	38.95	65	70/66 x 2.0	80.0	40.0	
9611304600	32.07	9611304602	51.32	80	85/81 x 2.0	90.0	45.5	
9611304620	42.54	9611304622	74.96	100	104/100 x 2.0	100.0	58.5	
9611304640	205.32	9611304642	299.78	125	129/125 x 2.0	187.5	71.5	
9612150053	295.61	9612150040	330.9	150	154/150 x 2.0	225.0	87.0	
1.4301 (304)		1.4404 (316L)		mm	OD/ID x t	L₁	L₂	Tee, short, form TK, Non standard
9612150002	19.69	9612150030	21.96	15	18/15 x 1.5	35.0	10.0	
9612150003	19.69	9612150031	21.96	20	22/19 x 1.5	40.0	12.0	
9612150004	11.36	9612150032	21.16	25	28/25 x 1.5	50.0	15.5	
9612150006	14.79	9612150034	22.25	40	40/37 x 1.5	60.0	21.5	
9612150007	16.31	9612150035	22.75	50	52/49 x 1.5	70.0	29.5	

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

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)			
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	L		Tee, acc. to DIN 11852, 2nd series
9612155565	58.26	9612155527	20.72	10	13/10 x 1.5	26.0		
9612155566	48.85	9612155528	20.72	15	19/16 x 1.5	35.0		
9612155567	18.5	9612155529	20.72	20	23/20 x 1.5	40.0		
9612155568	28.84	9612155530	17.28	25	29/26 x 1.5	50.0		
9612155570	31.44	9612155532	23.89	40	41/38 x 1.5	60.0		
9612155571	39.05	9612155533	28.9	50	53/50 x 1.5	70.0		
9611309292	57.71	9611309293	39.84	65	70/66 x 2.0	80.0		
9611309302	68.01	9611309303	49.3	80	85/81 x 2.0	90.0		
9611309312	106.11	9611309313	71.57	100	104/100 x 2.0	100.0		
9611309322	301.03	9611309323	342.39	125	129/125 x 2.0	187.5		
9611309332	368.69	9611309333	431.48	150	154/150 x 2.0	225.0		
								Tee, form TS, non standard
9611309222	27.4	9611309223	29.17	10	12/9 x 1.5	26.0		
9611309232	27.4	9611309233	29.17	15	18/15 x 1.5	35.0		
9611309242	27.4	9611309243	29.17	20	22/19 x 1.5	40.0		
9611309252	24.25	9611309253	25.93	25	28/25 x 1.5	50.0		
9611309272	27.11	9611309273	29.57	40	40/37 x 1.5	60.0		
9611309282	46.53	9611309283	51.37	50	52/49 x 1.5	70.0		
								Tee, short, acc. to DIN 11852, 2nd series
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	L ₁	L ₂	
9612928721	17.7	9612928731	19.71	15	19/16 x 1.5	35.0	11.0	
9612928722	17.7	9612928732	19.71	20	23/20 x 1.5	40.0	13.0	
9612928723	17.7	9612928733	19.71	25	29/26 x 1.5	50.0	16.5	
9612928725	17.96	9612928735	25.97	40	41/38 x 1.5	60.0	22.5	
9612928726	18.46	9612928736	27.81	50	53/50 x 1.5	70.0	29.5	
9611304581	26.34	9611304583	35.73	65	70/66 x 2.0	80.0	40.0	
9611304601	38.4	9611304603	49.48	80	85/81 x 2.0	90.0	45.5	
9611304621	51.44	9611304623	66.19	100	104/100 x 2.0	100.0	58.5	
9611304641	170.92	9611304643	214.06	125	129/125 x 2.0	187.5	71.5	
9612150054	224.2	9612150052	297.13	150	154/150 x 2.0	225.0	87.0	
								Tee, short, non standard
1.4301 (304)		1.4404 (316L)		mm	OD/ID x t	L ₁	L ₂	
9612150009	17.7	9612150042	19.71	15	18/15 x 1.5	35.0	10.0	
9612150010	17.7	9612150043	19.71	20	22/19 x 1.5	40.0	12.0	
9612150011	17.7	9612150044	19.71	25	28/25 x 1.5	50.0	15.5	
9612150013	18.88	9612150046	21.63	40	40/37 x 1.5	60.0	21.5	
9612150014	24.1	9612150047	23.83	50	52/49 x 1.5	70.0	29.5	

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

* Please note that reduced tees are not within the DIN standard
 Product code: 5026

Finish: See below

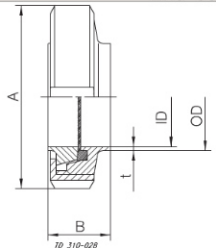
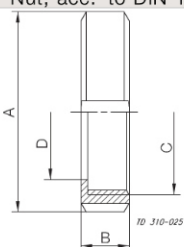
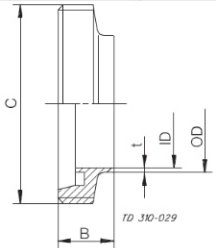
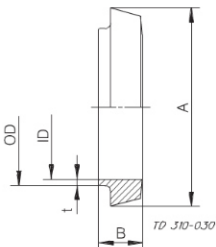
Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)				Finish: OD/ID: Polished
1.4307 (304L)		1.4404 (316L)		mm	OD ₁ /ID ₁ x t ₁	OD ₂ /ID ₂ x t ₂	L ₁	L ₂	Reduced tee, short*
9612155601	25.69	9612155617	26.62	32/25	34/31 x 1.5	28/25 x 1.5	55.0	20.5	
9612155602	29.62	9612155618	38.36	40/25	40/37 x 1.5	28/25 x 1.5	60.0	23.5	
9612155603	30.85	9612155619	42.54	40/32	40/37 x 1.5	34/31 x 1.5	60.0	23.0	
9612155604	88.2	9612155620	45.27	50/32	52/49 x 1.5	34/31 x 1.5	70.0	29.0	
9612155605	52.85	9612155621	54.59	50/40	52/49 x 1.5	40/37 x 1.5	70.0	29.0	
9611304570	55.57	9611304572	69.79	65/50	70/66 x 2.0	52/49 x 1.5	80.0	39.0	
9612155606	55.76	9612155623	90.28	80/50	85/81 x 2.0	52/49 x 1.5	90.0	47.0	
9611304590	56.63	9611304592	92.02	80/65	85/81 x 2.0	70/66 x 2.0	90.0	47.0	
9612155607	69.47	9612155625	113.65	100/50	104/100 x 2.0	52/49 x 1.5	100.0	58.0	
9612155608	70.5	9612155626	137.66	100/65	104/100 x 2.0	70/66 x 2.0	100.0	58.0	
9611304610	72.08	9611304612	154.25	100/80	104/100 x 2.0	85/81 x 2.0	100.0	59.0	
Reduced tee*									
9612157401	31.47	9612157434	45.37	32/25	34/31 x 1.5	28/25 x 1.5	54.0		
9612157402	33.32	9612157435	46.65	40/25	40/37 x 1.5	28/25 x 1.5	58.0		
9612157403	34.75	9612157436	48.65	40/32	40/37 x 1.5	34/31 x 1.5	59.0		
9612157404	38.57	9612157437	54	50/32	52/49 x 1.5	34/31 x 1.5	65.5		
9612157405	40.4	9612157438	56.56	50/40	52/49 x 1.5	40/37 x 1.5	67.0		
9612157406	44.96	9612157439	72.1	65/50	70/66 x 2.0	52/49 x 1.5	78.5		
9612157407	51.05	9612157440	86.52	80/50	85/81 x 2.0	52/49 x 1.5	88.0		
9612157408	81.57	9612157441	114.2	80/65	85/81 x 2.0	70/66 x 2.0	87.5		
9612157409	91.54	9612157442	128.15	100/50	104/100 x 2.0	52/49 x 1.5	99.0		
9612157410	95.32	9612157443	135.96	100/65	104/100 x 2.0	70/66 x 2.0	98.5		
9612157411	99.91	9612157444	139.87	100/80	104/100 x 2.0	85/81 x 2.0	99.5		
Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)				Finish: OD/ID: Mat
1.4307 (304L)		1.4404 (316L)		mm	OD ₁ /ID ₁ x t ₁	OD ₂ /ID ₂ x t ₂	L ₁	L ₂	Reduced tee, short*
9612155609	24.49	9612155628	31.84	32/25	34/31 x 1.5	28/25 x 1.5	55.0	20.5	
9612155610	27.56	9612155629	42.8	40/25	40/37 x 1.5	28/25 x 1.5	60.0	23.5	
9612155611	24.13	9612155630	40.17	40/32	40/37 x 1.5	34/31 x 1.5	60.0	23.0	
9612155612	32.93	9612155631	43.26	50/32	52/49 x 1.5	34/31 x 1.5	70.0	29.0	
9612155613	28.01	9612155632	46.35	50/40	52/49 x 1.5	40/37 x 1.5	70.0	29.0	
9611304571	43.89	9611304573	57.06	65/50	70/66 x 2.0	52/49 x 1.5	80.0	39.0	
9612155614	60.58	9612155634	78.75	80/50	85/81 x 2.0	52/49 x 1.5	90.0	47.0	
9611304591	61.46	9611304593	79.9	80/65	85/81 x 2.0	70/66 x 2.0	90.0	47.0	
9612155615	77.25	9612155636	100.42	100/50	104/100 x 2.0	52/49 x 1.5	100.0	58.0	
9612155616	80.77	9612155637	105	100/65	104/100 x 2.0	70/66 x 2.0	100.0	58.0	
9611304611	80.77	9611304613	105	100/80	104/100 x 2.0	85/81 x 2.0	100.0	59.0	
Reduced tee*									
9612157412	38.86	9612157423	44.43	32/25	34/31 x 1.5	28/25 x 1.5	54.0		
9612157413	26.11	9612157424	46.71	40/25	40/37 x 1.5	28/25 x 1.5	58.0		
9612157414	35.1	9612157425	39.07	40/32	40/37 x 1.5	34/31 x 1.5	59.0		
9612157415	39.54	9612157426	58.63	50/32	52/49 x 1.5	34/31 x 1.5	65.5		
9612157416	32.92	9612157427	62.41	50/40	52/49 x 1.5	40/37 x 1.5	67.0		
9612157417	44.9	9612157428	88.88	65/50	70/66 x 2.0	52/49 x 1.5	78.5		
9612157418	54.85	9612157429	107.79	80/50	85/81 x 2.0	52/49 x 1.5	88.0		
9612157419	88.88	9612157430	120.06	80/65	85/81 x 2.0	70/66 x 2.0	87.5		
9612157420	81.31	9612157431	140.87	100/50	104/100 x 2.0	52/49 x 1.5	99.0		
9612157421	93.59	9612157432	170.17	100/65	104/100 x 2.0	70/66 x 2.0	98.5		
9612157422	109.66	9612157433	135.19	100/80	104/100 x 2.0	85/81 x 2.0	99.5		

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

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)				
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	A	B	Union, Acc. to DIN 11851, 2nd series	
9611305790	19.83	9611305791	33.02	10	13/10 x 1.5	38.0	25.0		
9611305800	31.63	9611305801	35.67	15	19/16 x 1.5	44.0	25.0		
9611290011	29.42	9611290012	47.6	20	23/20 x 1.5	54.0	25.0		
9611301119	30.76	9611331119	36.73	25	29/26 x 1.5	63.0	31.0		
9611301121	36.25	9611331121	42.98	40	41/38 x 1.5	78.0	31.0		
9611301122	42.59	9611331122	49.98	50	53/50 x 1.5	92.0	33.0		
9611301123	59.61	9611331123	71.15	65	70/66 x 2.0	112.0	35.0		
9611301124	99.03	9611331124	139.06	80	85/81 x 2.0	127.0	35.0		
9611301126	147	9611331126	176.99	100	104/100 x 2.0	148.0	41.0		
1.4301 (304)		1.4404 (316L)		mm	A	B	C		D
9611306420	10.15	9612150701	14.42	10	38.0	18.0	28 x 1/8	14.0	
9611306430	10.43	9612150702	19.6	15	44.0	18.0	34 x 1/8	25.0	
9611290021	10.64	9612150703	19.72	20	54.0	20.0	44 x 1/6	31.0	
3131800141	9.39	9612150704	20.11	25	63.0	21.0	52 x 1/6	36.0	
3131800143	10.72	9612150706	21.72	40	78.0	21.0	65 x 1/6	49.0	
3131800144	12.5	9612150707	22.66	50	92.0	22.0	78 x 1/6	62.0	
3131800145	19.6	9612150708	32.91	65	112.0	25.0	95 x 1/6	80.0	
3131800146	30.69	9612150710	52.46	80	127.0	29.0	110 x 1/4	94.0	
3131800148	42.31	9612150711	73.62	100	148.0	31.0	130 x 1/4	115.0	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	B	C		
9611305900	15.18	9611305901	18.54	10	13/10 x 1.5	17.0	28 x 1/8		
9611305910	15.18	9611305911	18.54	15	19/16 x 1.5	17.0	34 x 1/8		
9611290031	15.18	9611290032	18.54	20	23/20 x 1.5	19.0	44 x 1/6		
9611301087	8.73	9611331087	11.33	25	29/26 x 1.5	22.0	52 x 1/6		
9611301089	10.3	9611331089	14.42	40	41/38 x 1.5	22.0	65 x 1/6		
9611301090	11.32	9611331090	16.48	50	53/50 x 1.5	23.0	78 x 1/6		
9611301091	15.31	9611331091	22.66	65	70/66 x 2.0	25.0	95 x 1/6		
9611301092	29.19	9611331092	35.03	80	85/81 x 2.0	25.0	110 x 1/4		
9611301094	38.22	9611331094	54.59	100	104/100 x 2.0	30.0	130 x 1/4		
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	A	B		
9611305950	14.42	9611305951	17.3	10	13/10 x 1.5	22.0	13.0		
9611305960	14.42	9611305961	17.3	15	19/16 x 1.5	28.0	13.0		
9611290041	14.42	9611290042	17.3	20	23/20 x 1.5	36.0	13.0		
9611301095	10.81	9611331095	12.97	25	29/26 x 1.5	44.0	15.0		
9611301097	11.46	9611331097	13.76	40	41/38 x 1.5	56.0	15.0		
9611301098	12.17	9611331098	15.87	50	53/50 x 1.5	68.0	16.0		
9611301099	15.45	9611331099	22.66	65	70/66 x 2.0	86.0	17.0		
9611301100	26.54	9611331100	34.7	80	85/81 x 2.0	100.0	17.0		
9611301102	46.38	9611331102	61.08	100	104/100 x 2.0	121.0	20.0		

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 DN	Dimension (mm)				
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	A	B	Union, Acc. to DIN 11851, 2nd series	
9611305792	25.75	9611305793	27.68	10	13/10 x 1.5	38.0	25.0		
9611305802	38.11	9611305803	32.34	15	19/16 x 1.5	44.0	25.0		
9611290013	26.75	9611290014	40.5	20	23/20 x 1.5	54.0	25.0		
9611306742	46.35	9611306743	38.11	25	29/26 x 1.5	63.0	31.0		
9611306762	51.5	9611306763	46.35	40	41/38 x 1.5	78.0	31.0		
9611306772	56.65	9611306773	52.7	50	53/50 x 1.5	92.0	33.0		
9611306782	66.95	9611306783	61.8	65	70/66 x 2.0	112.0	35.0		
9611306792	100.29	9611306793	123.6	80	85/81 x 2.0	127.0	35.0		
9611306802	151.37	9611306803	154.5	100	104/100 x 2.0	148.0	41.0		
1.4301 (304)		1.4404 (316L)		mm	A	B	C		D
9611306421	22.46	9612150714	13.16	10	38.0	18.0	28 x 1/8	14.0	
9611306431	22.46	9612150715	26.96	15	44.0	18.0	34 x 1/8	25.0	
9611290022	22.46	9612150716	26.96	20	54.0	20.0	44 x 1/6	31.0	
9611307091	15.67	9612150717	23.69	25	63.0	21.0	52 x 1/6	36.0	
9611307111	21.95	9612150719	30.22	40	78.0	21.0	65 x 1/6	49.0	
9611307121	23.69	9612150720	35.02	50	92.0	22.0	78 x 1/6	62.0	
9611307131	29.87	9612150721	40.17	65	112.0	25.0	95 x 1/6	80.0	
9611307141	36.92	9612150723	54.59	80	127.0	29.0	110 x 1/4	94.0	
9611307151	53.56	9612150724	75.4	100	148.0	31.0	130 x 1/4	115.0	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	B	C		
9611305902	20.6	9611305903	15.4	10	13/10 x 1.5	17.0	28 x 1/8		
9611305912	20.6	9611305913	22.66	15	19/16 x 1.5	17.0	34 x 1/8		
9611290033	11.53	9611290034	22.66	20	23/20 x 1.5	19.0	44 x 1/6		
9611306812	14.42	9611306813	18.54	25	29/26 x 1.5	22.0	52 x 1/6		
9611306832	16.48	9611306833	25.75	40	41/38 x 1.5	22.0	65 x 1/6		
9611306842	18.95	9611306843	30.9	50	53/50 x 1.5	23.0	78 x 1/6		
9611306852	25.75	9611306853	36.05	65	70/66 x 2.0	25.0	95 x 1/6		
9611306862	30.9	9611306863	41.2	80	85/81 x 2.0	25.0	110 x 1/4		
9611306872	43.26	9611306873	61.8	100	104/100 x 2.0	30.0	130 x 1/4		
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	A	B		
9611305952	5.15	9611305953	8.69	10	13/10 x 1.5	22.0	13.0		
9611305962	7.21	9611305963	6.62	15	19/16 x 1.5	28.0	13.0		
9611290043	6.24	9611290044	11.93	20	23/20 x 1.5	36.0	13.0		
9611306882	11.1	9611306883	12.36	25	29/26 x 1.5	44.0	15.0		
9611306902	11.33	9611306903	14.2	40	41/38 x 1.5	56.0	15.0		
9611306912	12.36	9611306913	21.63	50	53/50 x 1.5	68.0	16.0		
9611306922	15.45	9611306923	24.72	65	70/66 x 2.0	86.0	17.0		
9611306932	23.69	9611306933	28.84	80	85/81 x 2.0	100.0	17.0		
9611306942	38.11	9611306943	45.38	100	104/100 x 2.0	121.0	20.0		

NOTE: Seal rings - please see later this chapter.

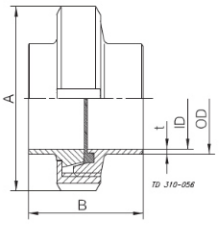
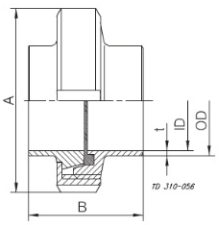
NOTE: For pressure and surface, please see product leaflet.

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)				
1.4301 (304)		1.4404 (316L)		mm	A	B	C	D	Nut, acc. to DIN 11851
9611306420	10.15	9612150701	14.42	10	38.0	18.0	28 x 1/8	14.0	
9611306430	10.43	9612150702	19.6	15	44.0	18.0	34 x 1/8	25.0	
9611290021	10.64	9612150703	19.72	20	54.0	20.0	44 x 1/6	31.0	
3131800141	9.39	9612150704	20.11	25	63.0	21.0	52 x 1/6	36.0	
3131800143	10.72	9612150706	21.72	40	78.0	21.0	65 x 1/6	49.0	
3131800144	12.5	9612150707	22.66	50	92.0	22.0	78 x 1/6	62.0	
3131800145	19.6	9612150708	32.91	65	112.0	25.0	95 x 1/6	80.0	
3131800146	30.69	9612150710	52.46	80	127.0	29.0	110 x 1/4	94.0	
3131800148	42.31	9612150711	73.62	100	148.0	31.0	130 x 1/4	115.0	
9611306450	78.39	9612150712	256.65	125	178.0	34.0	160 x 1/4	138.0	
9611306460	141.22	*		150	210.0	40.0	190 x 1/4	164.0	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	B	C	Male part, long. Acc. to DIN 11851, 2nd series	
9611306100	9.48	9611306101	10.59	10	13/10 x 1.5	21.0	28 x 1/8		
9611306110	9.7	9611306111	10.79	15	19/16 x 1.5	21.0	34 x 1/8		
9611290081	8.76	9611290082	10.97	20	23/20 x 1.5	24.0	44 x 1/6		
9611301103	9.58	9611331103	11.09	25	29/26 x 1.5	29.0	52 x 1/6		
9611301105	11.17	9611331105	13.62	40	41/38 x 1.5	33.0	65 x 1/6		
9611301106	12.88	9611331106	17.01	50	53/50 x 1.5	35.0	78 x 1/6		
9611301107	19.45	9611331107	23.44	65	70/66 x 2.0	40.0	95 x 1/6		
9611301108	30.02	9611331108	36.02	80	85/81 x 2.0	45.0	110 x 1/4		
9611301110	45.38	9611331110	55.07	100	104/100 x 2.0	54.0	130 x 1/4		
9611306130	81.36	9611306131	121.29	125	129/125 x 2.0	46.0	160 x 1/4		
9611306140	132.09	9611306141	173.57	150	154/150 x 2.0	50.0	190 x 1/4		
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	A	B	Liner, long. Acc. to DIN 11851, 2nd series	
9611306150	4.12	9611306151	7.21	10	13/10 x 1.5	22.0	17.0		
9611306160	5.15	9611306161	7.73	15	19/16 x 1.5	28.0	17.0		
9611290091	5.67	9611290092	7.93	20	23/20 x 1.5	36.0	18.0		
9611301111	6.18	9611331111	8.14	25	29/26 x 1.5	44.0	22.0		
9611301113	7.69	9611331113	9.84	40	41/38 x 1.5	56.0	26.0		
9611301114	9.09	9611331114	11.91	50	53/50 x 1.5	68.0	28.0		
9611301115	13.89	9611331115	17.72	65	70/66 x 2.0	86.0	32.0		
9611301116	21.31	9611331116	27.7	80	85/81 x 2.0	100.0	37.0		
9611301118	34.69	9611331118	40.77	100	104/100 x 2.0	121.0	44.0		
9611306180	65.09	9611306181	82.09	125	129/125 x 2.0	150.0	34.0		
9611306190	126.47	9611306191	163	150	154/150 x 2.0	176.0	37.0		

* On request

NOTE: Seal rings - please see later this chapter.

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

Material Item No.	PPL EUR	Size DN	Dimension (mm)			
			OD/ID x t	A	B	
1.4307 (304L) - NBR		mm				Union, long. Acc. to DIN 11851, 2nd series
9612151313	26.73	10	13/10 x 1.5	38.0	34.0	
9612151314	32.07	15	19/16 x 1.5	44.0	34.0	
9612151315	41.7	20	23/20 x 1.5	54.0	36.0	
9612151316	54.21	25	29/26 x 1.5	63.0	45.0	
9612151318	91.61	40	41/38 x 1.5	78.0	53.0	
9612151319	119.09	50	53/50 x 1.5	92.0	57.0	
9612151320	154.82	65	70/66 x 2.0	112.0	65.0	
9612151321	201.26	80	85/81 x 2.0	127.0	75.0	
9612151322	164.8	100	104/100 x 2.0	148.0	89.0	
9612151323	309	125	129/125 x 2.0	178.0	70.0	
9612151324	535.6	150	154/150 x 2.0	210.0	76.0	
1.4307 (304L) - EPDM		mm				Union, long. Acc. to DIN 11851, 2nd series
9612151325	30.9	10	13/10 x 1.5	38.0	34.0	
9612151326	36.05	15	19/16 x 1.5	44.0	34.0	
9612151327	41.2	20	23/20 x 1.5	54.0	36.0	
9612151328	51.5	25	29/26 x 1.5	63.0	45.0	
9612151330	72.1	40	41/38 x 1.5	78.0	53.0	
9612151331	92.7	50	53/50 x 1.5	92.0	57.0	
9612151332	113.91	65	70/66 x 2.0	112.0	65.0	
9612151333	161.3	80	85/81 x 2.0	127.0	75.0	
9612151334	175.24	100	104/100 x 2.0	148.0	89.0	
9612151335	370.8	125	129/125 x 2.0	178.0	70.0	
9612151336	515	150	154/150 x 2.0	210.0	76.0	

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 DN	Dimension (mm)				
1.4301 (304)		1.4404 (316L)		mm	A	B	C	D	Nut, acc. to DIN 11851
9611306421	22.46	9612150714	13.16	10	38.0	18.0	28 x 1/8	19.0	
9611306431	22.46	9612150715	26.96	15	44.0	18.0	34 x 1/8	25.0	
9611290022	22.46	9612150716	26.96	20	54.0	20.0	44 x 1/6	31.0	
9611307091	15.67	9612150717	23.69	25	63.0	21.0	52 x 1/6	36.0	
9611307111	21.95	9612150719	30.22	40	78.0	21.0	65 x 1/6	49.0	
9611307121	23.69	9612150720	35.02	50	92.0	22.0	78 x 1/6	62.0	
9611307131	29.87	9612150721	40.17	65	112.0	25.0	95 x 1/6	80.0	
9611307141	36.92	9612150723	54.59	80	127.0	29.0	110 x 1/4	94.0	
9611307151	53.56	9612150724	75.4	100	148.0	31.0	130 x 1/4	115.0	
9611306451	90.64	*		125	178.0	34.0	160 x 1/4	138.0	
9611306461	160.68	*		150	210.0	40.0	190 x 1/4	164.0	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	B	C		Male part, long. Acc. to DIN 11851, 2nd series
9611306102	9.6	9611306103	12	10	13/10 x 1.5	21.0	28 x 1/8		
9611306112	11.74	9611306113	14.67	15	19/16 x 1.5	21.0	34 x 1/8		
9611290083	13.39	9611290084	16.74	20	23/20 x 1.5	24.0	44 x 1/6		
9611306952	15.45	9611306953	19.31	25	29/26 x 1.5	29.0	52 x 1/6		
9611306972	22.66	9611306973	28.33	40	41/38 x 1.5	33.0	65 x 1/6		
9611306982	26.78	9611306983	33.48	50	53/50 x 1.5	35.0	78 x 1/6		
9611306992	29.87	9611306993	37.34	65	70/66 x 2.0	40.0	95 x 1/6		
9611307002	33.21	9611307003	41.51	80	85/81 x 2.0	45.0	110 x 1/4		
9611307012	51.97	9611307013	64.96	100	104/100 x 2.0	54.0	130 x 1/4		
9611306132	92.7	9611306133	135.96	125	129/125 x 2.0	46.0	160 x 1/4		
9611306142	149.35	9611306143	191.58	150	154/150 x 2.0	50.0	190 x 1/4		
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	A	B		Liner, long. Acc. to DIN 11851, 2nd series
9611306152	4.12	9611306153	7.09	10	13/10 x 1.5	22.0	17.0		
9611306162	6.85	9611306163	11.78	15	19/16 x 1.5	28.0	17.0		
9611290093	7.73	9611290094	13.29	20	23/20 x 1.5	36.0	18.0		
9611307022	9.27	9611307023	15.94	25	29/26 x 1.5	44.0	22.0		
9611307042	11.33	9611307043	19.49	40	41/38 x 1.5	56.0	26.0		
9611307052	13.39	9611307053	23.03	50	53/50 x 1.5	68.0	28.0		
9611307062	17.51	9611307063	30.12	65	70/66 x 2.0	86.0	32.0		
9611307072	25.75	9611307073	44.29	80	85/81 x 2.0	100.0	37.0		
9611307082	42.23	9611307083	72.64	100	104/100 x 2.0	121.0	44.0		
9611306182	77.25	9611306183	132.87	125	129/125 x 2.0	150.0	34.0		
9611306192	139.13	9611306193	179.86	150	154/150 x 2.0	176.0	37.0		

* On request

NOTE: Seal rings - please see later this chapter.

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

Product code: 5044

Finish: See below
 Seals: Nitrile
 Thread: Round type
 Connections: Expanding ends

1.2

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)				Finish: Semi bright
1.4301 (304)		1.4404 (316L)		mm	A	B	C	D	
3131800391	10.3	9611306602	19.6	25		29.0	52 x 1/6	28.2	
3131800393	11.71	9611306622	24.04	40		33.0	65 x 1/6	40.2	
3131800394	13.47	9611306632	24.72	50		35.0	78 x 1/6	52.2	
3131800395	20.6	9611306642	47.34	65		40.0	95 x 1/6	70.3	
3131800396	30.9	9611306652	75.3	80		45.0	110 x 1/4	85.3	
3131800398	49.44	9611306662	117.68	100		54.0	130 x 1/4	104.3	
Liner									
3131800151	8.24	9611306672	11.33	25	44.0	22.0		28.2	
3131800153	9.63	9611306692	20.33	40	56.0	26.0		40.2	
3131800154	9.79	9611306702	20.6	50	68.0	28.0		52.2	
3131800155	14.42	9611306712	36.46	65	86.0	32.0		70.3	
3131800156	23.69	9611306722	29.96	80	100.0	37.0		85.3	
3131800158	33.93	9611306732	83.07	100	121.0	44.0		104.3	

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)				
1.4301 (304)		1.4404 (316L)		mm	A	B	C	D	End cap
9611291271	41.2	9612152201	46.35	10	38.0	18.0	28 x 1/8		
9611291281	21.63	9612152202	30.28	15	44.0	18.0	34 x 1/8		
9611291291	22.66	9612152203	31.72	20	54.0	21.0	44 x 1/6		
9611291301	23.69	9612152204	37.08	25	63.0	21.0	52 x 1/6		
9611291321	27.81	9612152206	41.2	40	78.0	21.0	65 x 1/6		
9611291331	28.84	9612152207	42.23	50	92.0	22.0	78 x 1/6		
9611291341	30.9	9612152208	45.32	65	112.0	25.0	95 x 1/6		
9611291351	43.26	9612152209	82.4	80	127.0	29.0	110 x 1/4		
9611291371	77.25	9612152210	123.6	100	148.0	31.0	130 x 1/4		
9611291381	250.61	9612152211	473.8	125	178.0	34.0	160 x 1/4		
9611291391	681.16	9612152212	817.39	150	210.0	40.0	190 x 1/4		
End cap with chain and NBR seal disc									
9611291411	36.05	9612152301	43.26	10	38.0	18.0	28 x 1/8	8.0	
9611291421	41.2	9612152302	49.44	15	44.0	18.0	34 x 1/8	8.0	
9611291431	46.35	9612152303	55.62	20	54.0	21.0	44 x 1/6	8.0	
9611291441	30.65	9612152304	39.2	25	63.0	21.0	52 x 1/6	8.0	
9611291461	23.41	9612152306	32.02	40	78.0	21.0	65 x 1/6	8.0	
9611291471	23.18	9612152307	32.33	50	92.0	22.0	78 x 1/6	8.0	
9611291481	30.9	9612152308	40.67	65	112.0	25.0	95 x 1/6	8.0	
9611291491	49.44	9612152309	90.24	80	127.0	29.0	110 x 1/4	8.0	
9611291511	81.37	9612152310	130.17	100	148.0	31.0	130 x 1/4	8.0	
9611291521	386.25	9612152311	512.54	125	178.0	34.0	160 x 1/4	8.0	
9611291531	748.48	9612152312	898.18	150	210.0	40.0	190 x 1/4	8.0	
1.4307 (304L)		1.4404 (316L)		mm	A	B	D	E	Blank
9611306470	14.35	9612152413	20.6	10	22.0	6.0	18.0	9.0	
9611306480	24.8	9612152414	36.05	15	28.0	6.0	24.0	9.0	
9611291111	28.84	9612152415	37.49	20	36.5	8.0	30.0	11.0	
3131800351	10.37	9612152416	13.48	25	44.0	10.0	35.0	13.0	
3131800353	13.13	9612152418	19.57	40	56.0	10.0	48.0	13.0	
3131800354	17.51	9612152419	22.76	50	68.5	11.0	61.0	14.0	
3131800355	26.78	9612152420	36.05	65	86.0	12.0	79.0	16.0	
9611306490	72.1	9612152421	93.73	75	93.7	12.0	86.0	16.0	
3131800356	53.71	9612152422	69.82	80	100.0	12.0	93.0	16.0	
3131800358	51.79	9612152423	87.55	100	121.0	15.0	114.0	20.0	
9611306500	135.69	9612152424	257.5	125	150.0	17.0	137.0	22.0	
9611306510	241.84	9612152425	381.1	150	176.0	18.0	163.0	24.0	

NOTE: Seal rings - please see later this chapter.

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

Material	PPL	Size	Dimension (mm)					
Item No.	EUR	DN	A	B	C	D	E	
1.4307 (304L)		mm						Adapter, male to BSP female
9611305190	49.55	10	28 x 1/8	30.0	3/8"	19.0	14.0	
9611305200	69.53	15	34 x 1/8	30.0	1/2"	24.0	14.0	
9612152037	69.54	20	44 x 1/6	30.0	3/4"	30.0	14.0	
9611305210	69.54	25	52 x 1/6	35.0	1"	41.0	20.0	
9611305230	92.7	40	65 x 1/6	35.0	1 1/2"	50.0	20.0	
9611305240	103	50	78 x 1/6	35.0	2"	65.0	20.0	
9611305250	123.6	65	95 x 1/6	38.0	2 1/2"	80.0	22.0	
9611305270	319.3	80	110 x 1/4	43.0	3"	95.0	25.0	
9611305280	370.8	100	130 x 1/4	50.0	4"	117.0	30.0	
9611305310	41.2	10	28 x 1/8	40.0	3/8"	19.0	14.0	
9611305320	46.35	15	34 x 1/8	40.0	1/2"	24.0	14.0	
9612152137	51.5	20	44 x 1/6	42.0	3/4"	30.0	14.0	
9611305330	56.65	25	52 x 1/6	48.0	1"	41.0	20.0	
9611305350	65.92	40	65 x 1/6	50.0	1 1/2"	50.0	20.0	
9611305360	67.29	50	78 x 1/6	52.0	2"	65.0	20.0	
9611305370	133.9	65	95 x 1/6	56.0	2 1/2"	80.0	22.0	
9611305390	206	80	110 x 1/4	66.0	3"	95.0	25.0	
9611305400	407.39	100	130 x 1/4	72.0	4"	117.0	30.0	

Material Item No.	PPL EUR	Size DN mm	Dimension (mm)				Hose liner, beer
			A	B	C	D	
9612157704	57.01	25	80.0	63.0	24.0	27.0	
9612157706	66.22	40	105.0	84.0	32.0	43.0	
9612157707	80.41	50	120.0	97.0	45.0	53.0	
9612157708	87.55	65	140.0	113.0	60.0	68.0	
9612157709	164.8	80	160.0	132.0	74.0	83.0	
9612157710	206	100	180.0	141.0	93.0	103.0	
							Hose liner
9612157502	41.2	15	63.0	19.5	16.0		
9612157503	62.4	20	63.0	23.5	20.0		
9612157504	72.1	25	75.0	30.0	26.0		
9612157506	82.4	40	95.0	43.0	38.0		
9612157507	92.7	50	106.0	55.0	50.0		
9612157508	97.6	65	117.0	73.0	66.0		
9612157509	103	80	127.0	89.0	81.0		
9612157510	133.9	100	140.0	108.0	100.0		

NOTE: Seal rings - please see later this chapter.

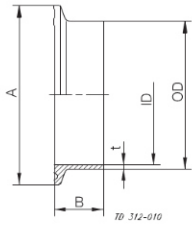
NOTE: For pressure and surface, please see product leaflet.

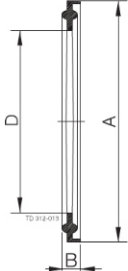
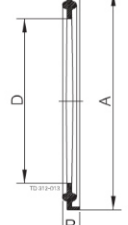
Item No.	PPL EUR	Item No.	PPL EUR	Size DN	Dimension (mm)				
NBR		FPM		mm	A	B	D	Seal ring	
52734601	1.18	9611991861	3.55	10	20.0	4.5	12.0		
52734602	1.24	9611991862	3.78	15	26.0	4.5	18.0		
52734603	1.31	9611991863	3.86	20	33.0	4.5	23.0		
52734604	1.37	9611991864	3.97	25	40.0	5.0	30.0		
52734606	1.51	9611991866	4.73	40	52.0	5.0	42.0		
52734607	1.59	9611991867	5	50	64.0	5.0	54.0		
52734608	1.67	9611991868	9.31	65	81.0	5.0	71.0		
9611991264	3.58	9611991869	29.87	75	88.0	5.0	78.0		
52734609	1.75	9611991128	8.9	80	95.0	5.0	85.0		
52734611	1.84	9611991870	14.8	100	114.0	6.0	104.0		
9611991265	4.23	9611991871	25.75	125	142.0	7.0	130.0		
9611991266	5.54	9611991872	29.87	150	167.0	7.0	155.0		
EPDM		Silicone (Q)		mm	A	B	D		Seal ring
9611991267	1.85	9611991917	0.98	10	20.0	4.5	12.0		
9611991268	1.88	9611991918	1.12	15	26.0	4.5	18.0		
9611991323	1.92	9611991919	1.16	20	33.0	4.5	23.0		
9611991269	1.97	9611991920	1.23	25	40.0	5.0	30.0		
9611991271	2.02	9611991922	1.51	40	52.0	5.0	42.0		
9611991272	2.04	9611991923	2.17	50	64.0	5.0	54.0		
9611991273	2.39	9611991924	2.5	65	81.0	5.0	71.0		
9611991274	2.45	9611991925	3.9	75	88.0	5.0	78.0		
9611991275	3.21	9611991926	4.09	80	95.0	5.0	85.0		
9611991276	4.11	9611991927	4.27	100	114.0	6.0	104.0		
9611991277	8.13	9611991928	12.75	125	142.0	7.0	130.0		
9611991278	8.23	9611991929	16.06	150	167.0	7.0	155.0		
PTFE				mm	A	B	D	Seal ring	
9611991873	3			10	20.0	4.5	12.0		
9611991874	3.13			15	26.0	4.5	18.0		
9611991875	4.09			20	33.0	4.5	23.0		
9611991876	4.44			25	40.0	5.0	30.0		
9611991878	5.37			40	52.0	5.0	42.0		
9611991879	5.85			50	64.0	5.0	54.0		
9611991880	10.46			65	81.0	5.0	71.0		
9611991881	23.8			75	88.0	5.0	78.0		
9611991882	25.16			80	95.0	5.0	85.0		
9611991883	26.89			100	114.0	6.0	104.0		
9611991884	28.96			125	142.0	7.0	130.0		
9611991885	25.75			150	167.0	7.0	155.0		

Item No.	PPL EUR	Item No.	PPL EUR	Size DN	Dimension (mm)		
NBR		EPDM		mm	A	B	Seal disc
9611291131	1.24			10	28.0	3.0	
9611291141	1.78			15	34.0	3.0	
9611291151	1.87			20	44.0	3.0	
9611291161	1.96			25	52.0	3.0	
9611291181	2.17			40	65.0	3.0	
9611291191	2.27			50	78.0	3.0	
9611291201	2.39			65	95.0	3.0	
9611291221	4.18			80	110.0	3.0	
9611291241	9.64			100	130.0	3.0	
9611291251	25.11			125	160.0	3.0	
9611291261	14.42			150	190.0	3.0	
Seal ring, 8 mm							
9611991838	2.59	9611991851	4.04	25		8.0	
9611991840	2.37	9611991853	4.46	40		8.0	
9611991841	3.09	9611991854	4.7	50		8.0	
9611991842	4.12	9611991855	4.81	65		8.0	
9611991843	13.35	9611991856	9.84	75		8.0	
9611991844	2.75	9611991857	5.04	80		8.0	
9611991845	2.86	9611991858	5.13	100		8.0	
Seal ring							
		9611900253	1.34	10		5.0	
		9611900254	1.61	15		5.0	
		9611900255	1.65	20		5.0	
		9611900256	1.72	25		6.0	
		9611900258	1.97	40		6.0	
		9611900259	2.11	50		6.0	
		9611900260	2.25	65		6.0	
		9611900261	2.41	80		6.0	
		9611900262	3.19	90		6.0	
		9611900263	3.28	100		6.0	
		9611900264	9.79	125		7.0	
		9611900265	10.3	150		7.0	

Sockets and male parts
Product code: 5044

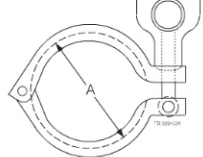
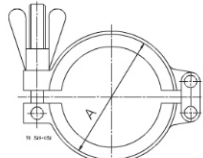
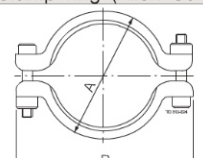
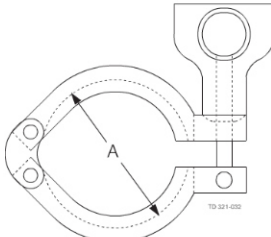
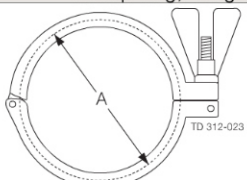
Material Item No.	PPL EUR	Size DN	Dimension (mm)		
			D	L	
1.4404 (316L)					Half socket
9611295663	2.89	1/8	14.0	7.5	
9611295673	6.18	1/4	18.0	11.0	
9611295683	8.24	3/8	21.3	11.5	
9611295693	9.27	1/2	26.4	15.0	
9611295703	11.33	3/4	31.8	16.5	
9611295713	12.81	1	39.5	19.0	
9611295723	14.42	1 1/4	48.3	21.5	
9611295733	16.48	1 1/2	54.5	21.5	
9611295743	22.66	2	66.3	26.0	
9611295753	41.2	2 1/2	82.0	30.0	
9611295763	46.32	3	95.0	33.0	
					Socket
9611295443	5.15	1/8	14.0	17.0	
9611295453	7.21	1/4	18.0	25.0	
9611295463	8.76	3/8	21.3	26.0	
9611295473	9.27	1/2	26.4	34.0	
9611295483	10.3	3/4	31.8	36.0	
9611295493	12.36	1	39.5	43.0	
9611295503	14.42	1 1/4	48.3	48.0	
9611295513	18.54	1 1/2	54.5	48.0	
9611295523	30.9	2	66.3	56.0	
9611295533	56.65	2 1/2	82.0	65.0	
9611295543	82.4	3	95.0	71.0	
1.4571 (316Ti)					Welding male part
9611295884	5.15	1/8		30.0	
9611295894	6.18	1/4		30.0	
9611295904	8.24	3/8		30.0	
9611295914	10.3	1/2		35.0	
9611295924	12.36	3/4		40.0	
9611295934	14.42	1		40.0	
9611295944	16.48	1 1/4		50.0	
9611295954	18.54	1 1/2		50.0	
9611295964	22.66	2		55.0	
9611295974	30.9	2 1/2		60.0	
9611295984	41.2	3		65.0	

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)			Clamp ferrule, acc. to DIN 32676
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	A	B	
9612156101	19.57	9612156121	21.53	10	13/10 x 1.5	34.0	18.0	
9612156102	19.57	9612156122	21.53	15	19/16 x 1.5	34.0	18.0	
9612156103	19.57	9612156123	21.53	20	23/20 x 1.5	34.0	18.0	
9612156104	12.88	9612156124	14.16	25	29/26 x 1.5	50.5	21.5	
9612156106	13.13	9612156126	14.45	40	41/38 x 1.5	50.5	21.5	
9612156107	13.91	9612156127	19.57	50	53/50 x 1.5	64.0	21.5	
9612156108	23.79	9612156128	26.17	65	70/66 x 2.0	91.0	28.0	
9612156109	46.35	9612156129	48.67	80	85/81 x 2.0	106.0	28.0	
9612156110	48.82	9612156130	58.71	100	104/100 x 2.0	119.0	28.0	
9612156141	133.9	9612156145	164.8	125	129/125 x 2.0	155.0	28.0	
9612156142	154.5	9612156146	187.46	150	154/150 x 2.0	183.0	28.0	
Clamp ferrule, acc. to DIN 32676								
		9612935302	24.72	10		34.0	6.0	
		9612935302	24.72	15		34.0	6.0	
		9612935302	24.72	20		34.0	6.0	
		9612935303	26.78	25		50.5	6.0	
		9612935303	26.78	40		50.5	6.0	
		9612935304	28.84	50		64.0	6.0	
		9612935305	31.93	65		91.0	7.0	
		9612935306	41.2	80		106.0	8.0	
		9612935307	51.5	100		119.0	8.0	
		9612935308	206	125		155.0	12.0	
		9612935301	463.5	150		183.0	12.0	

Item No.	PPL EUR	Item No.	PPL EUR	Item No.	PPL EUR	Size DN	Dimension (mm)			Seal ring
EPDM		NBR		FPM		mm	A	B	D	
9611992009	7.69	9611991999	8.22	9611994182	30.9	10	36.2	5.5	10.2	
9611992010	6.36	9611992000	8.22	9611994183	23.19	15	36.2	5.5	16.2	
9611992011	6.64	9611992001	4.35	9611994184	33.99	20	36.2	5.5	20.2	
9611992012	3.88	9611992002	4.44	9611994185	25.04	25	52.7	5.5	26.2	
9611992014	4.22	9611992004	5.26	9611994187	32.04	40	52.7	5.5	38.2	
9611992015	4.36	9611992005	5.52	9611994188	46.62	50	66.2	5.5	50.2	
9611992016	6.28	9611992006	7.27	9611994189	43.27	65	93.2	5.5	66.2	
9611992017	6.52	9611992007	10	9611994190	50.24	80	108.2	5.5	81.2	
9611992018	6.64	9611992008	14.42	9611994191	53.11	100	121.2	5.5	100.2	
9611993205	10.1	*		9611995100	237.81	125	157.2	5.5	125.2	
9611993206	17.51	*		9611993210	193.96	150	185.2	5.5	150.2	
PTFE						mm	A	B	D	
9611992019	67.62					10	36.2	5.1	10.0	
9611992020	53.56					15	36.2	5.1	16.0	
9611992021	55.62					20	36.2	5.1	20.0	
9611992022	57.68					25	52.7	5.1	26.0	
9611992024	63.86					40	52.7	5.1	38.0	
9611992025	65.92					50	66.2	5.1	50.0	
9611992026	77.98					65	93.2	5.1	66.0	
9611992027	93.94					80	108.2	5.1	81.0	
9611992028	114.64					100	121.2	5.1	100.0	

* On request

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

Item No.	PPL	Size DN	Dimension (mm)			
	EUR		A	B	C	
1.4301 (304)		mm				A13MHHM Clamp ring
211053	25.78	25-40	54.0			
211054	31.41	50	67.1			
211056	39.55	65	94.5			
211057	48.01	100	122.2			
Clamp ring						
9611993113	49.28	10-15-20	37			
9611993114	80.06	80	109			
9611993203	478.95	125	159.0			
9611993204	478.95	150	187.0			
Clamp ring (Allen Screws)						
9611311051	11.56	25-40	58.5	85.5		
9611311052	11.56	50	72.0	99.0		
9611311054	15.5	65	99.0	126.0		
9611311055	15.73	100	127.0	154.0		
1.4301 (304)						13MHHM
212195	35.3	25-40	54.0			
212197	48.73	50	67.5			
212198	52.96	65	94.5			
212199	64.25	100	122.6			
Clamp ring, wingnut						
9611994458	29.64	10-20	37.5			
9611994453	29.8	25-40	54.0			
9611994454	36.3	50	67.5			
9611994456	56.35	65	94.5			
9611994459	59.74	80	109.5			
9611994457	63.86	100	122.6			

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

Material Item No.	PPL EUR	Size DN mm	Pressure class PN (bar)	Dimension (mm)				
1.4404 (316L)		mm	PN (bar)	OD/ID x t	A	B	C	Complete flange
9612498701	90.24	25	16	29/26 x 1.5	79.0	50.0	4 x M8	
9612498703	119.34	40	16	41/38 x 1.5	87.0	50.0	4 x M8	
9612498704	123.6	50	16	53/50 x 1.5	106.0	50.0	4 x M8	
9612498705	133.9	65	10	70/66 x 2.0	125.0	50.0	4 x M8	
9612498706	161.24	80	10	85/81 x 2.0	140.0	50.0	8 x M8	
9612498707	341.69	100	10	104/100 x 2.0	160.0	50.0	8 x M8	
9612498708	505.15	125	10	129/125 x 2.0	190.0	60.0	8 x M10	
9612498709	1010.29	150	10	154/150 x 2.0	215.0	60.0	8 x M10	
1.4404 (316L)		mm	PN (bar)	OD/ID x t	B	E	F	
9612493001	43.64	25	16	29/26 x 1.5	25.0	10.0	64.0	
9612493003	48.82	40	16	41/38 x 1.5	25.0	10.0	72.0	
9612493004	35.72	50	16	53/50 x 1.5	25.0	10.0	91.0	
9612493005	49.55	65	10	70/66 x 2.0	25.0	10.0	110.0	
9612493006	78.39	80	10	85/81 x 2.0	25.0	10.0	125.0	
9612493007	167.89	100	10	104/100 x 2.0	25.0	10.0	143.0	
9612493008	247.04	125	10	129/125 x 2.0	30.0	15.0	171.0	
9612493009	499.23	150	10	154/150 x 2.0	30.0	15.0	196.0	
9612492901	43.64	25	16	29/26 x 1.5	25.0	10.0	64.0	
9612492903	48.82	40	16	41/38 x 1.5	25.0	10.0	72.0	
9612492904	35.72	50	16	53/50 x 1.5	25.0	10.0	91.0	
9612492905	49.55	65	10	70/66 x 2.0	25.0	10.0	110.0	
9612492906	78.39	80	10	85/81 x 2.0	25.0	10.0	125.0	
9612492907	167.89	100	10	104/100 x 2.0	25.0	10.0	143.0	
9612492908	247.04	125	10	129/125 x 2.0	30.0	15.0	171.0	
9612492909	499.23	150	10	154/150 x 2.0	30.0	15.0	196.0	

NOTE: Seal rings and screws - please see later this chapter.

Item No.	PPL EUR	Item No.	PPL EUR	Item No.	PPL EUR	Size DN	Dimension (mm)			
EPDM		Silicone (Q)		FPM		mm	A	B	C	Flange seal
9612402601	2.32	9612402611	4.77	9612402621	5.95	DN25	37.2	4.1	27.4	
9612402603	4.21	9612402613	4.93	9612402623	8.76	DN40	49.2	4.1	39.4	
9612402604	4.27	9612402614	5.07	9612402624	14.29	DN50	61.2	4.1	51.4	
9612402605	4.36	9612402615	7.3	9612402625	15	DN65	77.2	4.1	67.4	
9612402606	5.3	9612402616	10.41	9612402626	15.75	DN80	92.2	4.1	82.4	
9612402607	5.5	9612402617	14.55	9612402627	16.54	DN100	111.2	4.1	101.4	
9612402608	8.7	9612402618	12.36	9612402628	17.37	DN125	136.2	4.1	126.4	
9612402609	14.31	9612402619	33.96	9612402629	32.89	DN150	161.2	4.1	151.4	
				Flange size		Screws	Nut		Screws and nut set	
		9612499301	4.53	DN 25-65		4xM8x30	4xM8			
		9612499302	6.9	DN 80-100		8xM8x30	8xM8			
		9612499303	11.85	DN 125-150		8xM10x40	8xM10			

According to DIN 11853
Form A with O-ring
Product code: 5044, 5054

Thread: Round type

Item No.	PPL	Size DN	Dimension (mm)				Nut acc. to DIN 11851
	EUR		A	B	C	D	
1.4301 (304)		mm	A	B	C	D	Nut acc. to DIN 11851
Product code: 5044							
3131800141	9.39	25	63.0	21.0	52 x 1/6	36.0	
3131800143	10.72	40	78.0	21.0	65 x 1/6	49.0	
3131800144	12.5	50	92.0	22.0	78 x 1/6	62.0	
3131800145	19.6	65	112.0	25.0	95 x 1/6	80.0	
3131800146	30.69	80	127.0	29.0	110 x 1/4	94.0	
3131800148	42.31	100	148.0	31.0	130 x 1/4	115.0	
1.4404 (316L) H3		mm	OD/ID x t	B	C		
Product code: 5057							
9612928834	18.54	25	29/26 x 1.5	26.0	52 x 1/6		
9612928836	26.31	40	41/38 x 1.5	31.0	65 x 1/6		
9612928837	28.84	50	53/50 x 1.5	31.0	78 x 1/6		
9612928838	41.2	65	70/66 x 2.0	36.0	95 x 1/6		
9612928839	46.35	80	85/81 x 2.0	42.0	110 x 1/4		
9612928840	68.8	100	104/100 x 2.0	50.0	130 x 1/4		
1.4404 (316L) H3		mm	OD/ID x t	A	B		
9612928844	15.45	25	29/26 x 1.5	42.9	22.0		
9612928846	19.57	40	41/38 x 1.5	54.9	26.0		
9612928847	22.66	50	53/50 x 1.5	66.9	30.0		
9612928848	30.9	65	70/66 x 2.0	84.9	34.0		
9612928849	41.2	80	85/81 x 2.0	98.9	38.0		
9612928850	53.82	100	104/100 x 2.0	118.9	46.0		

NOTE: Seal rings - please see later this chapter.

Material Item No.	Item No.	Material Item No.	Item No.	Size DN	Dimension (mm)		Seal ring - Form A
EPDM		FPM		mm	B	D	
Product code: 5054							
9612906204	15.65	9612906214	23.02	25	3.5	22.0	
9612906206	14.53	9612906216	26.83	40	5.0	40.0	
9612906207	15.01	9612906217	27.94	50	5.0	52.0	
9612906208	16.57	9612906218	29.63	65	5.0	68.0	
9612906209	23.31	9612906219	35.72	80	5.0	83.0	
9612906210	27.27	9612906220	45.59	100	5.0	102.0	