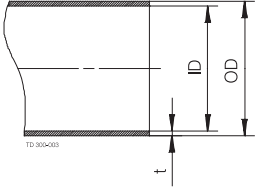
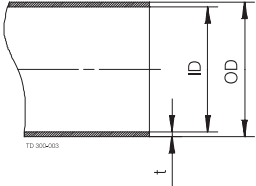
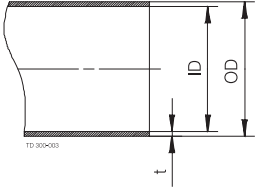
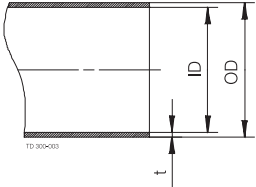


Tubes

Hygienic, EN 10357-A (DIN 11850)

1.2

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

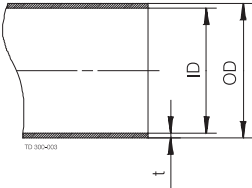
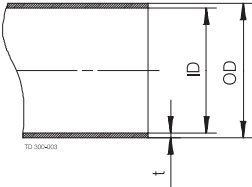
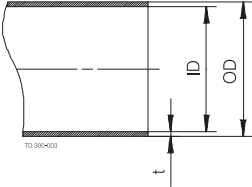
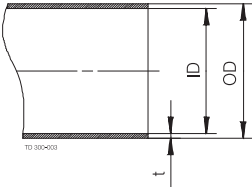
Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	BD finish, DIN 11850 tubes, 2nd series
9611819440	*	9611819592	*	15.00	19.00/16.00x1.50	
9611819442	*	9611819594	*	20.00	23.00/20.00x1.50	
9611819133	*	9611819596	*	25.00	29.00/26.00x1.50	
9611819443	*	9611819598	*	32.00	35.00/32.00x1.50	
9611819444	*	9611819544	*	40.00	41.00/38.00x1.50	
9611819445	*	9611819554	*	50.00	41.00/38.00x1.50	
9611819170	*	9611819365	*	65.00	70.00/66.00x2.00	
9611819175	*	9611819375	*	80.00	85.00/81.00x2.00	
9611819184	*	9611819388	*	100.00	104.00/100.00x2.00	
BD finish, DIN tubes not according to standard						
9611819430	*	9611819452	*	15.00	18.00/15.00x1.50	
9611819441	*	9611819453	*	20.00	22.00/19.00x1.50	
9611819135	*	9611819582	*	25.00	28.00/25.00x1.50	
9611819145	*	9611819584	*	32.00	34.00/31.00x1.50	
9611819155	*	9611819586	*	40.00	40.00/37.00x1.50	
9611819165	*	9611819588	*	50.00	52.00/49.00x1.50	
BC finish, DIN 11850 tubes, 2nd series						
9611819798	*	9611819647	*	15.00	19.00/16.00x1.50	
9611819800	*	9611819648	*	20.00	23.00/20.00x1.50	
9611819802	*	9611819649	*	25.00	29.00/26.00x1.50	
9611819804	*	9611819650	*	32.00	35.00/32.00x1.50	
9611819806	*	9611819651	*	40.00	41.00/38.00x1.50	
9611819808	*	9611819652	*	50.00	41.00/38.00x1.50	
9611819171	*	9611819363	*	65.00	70.00/66.00x2.00	
9611819176	*	9611819656	*	80.00	85.00/81.00x2.00	
9611819186	*	9611819657	*	100.00	104.00/100.00x2.00	
BC finish, DIN tubes not according to standard						
9611819797	*	9611819809	*	15.00	18.00/15.00x1.50	
9611819799	*	9611819941	*	20.00	22.00/19.00x1.50	
9611819801	*	9611819653	*	25.00	28.00/25.00x1.50	
9611819803	*	9611819654	*	32.00	34.00/31.00x1.50	
9611819805	*	9611819655	*	40.00	40.00/37.00x1.50	
9611819807	*	9611819934	*	50.00	52.00/49.00x1.50	

* PPL prices per meter are updated monthly

Please contact your Alfa Laval contact person for further information.

DISTRIBUTED BY
HARCO
ENTERPRISES LTD.
1-800-361-5361

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

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	BD finish DIN 11850 tubes, 2nd series, H3 execution**
9614042417	*	9614042431	*	15.00	19.00x1.50	
9614042419	*	9614042432	*	20.00	23.00x1.50	
9614042401	*	9614042433	*	25.00	29.00x1.50	
9614042420	*	9614042434	*	32.00	35.00x1.50	
9614042421	*	9614042425	*	40.00	41.00x1.50	
9614042422	*	9614042426	*	50.00	53.00x1.50	
9614042406	*	9614042413	*	65.00	70.00x2.00	
9614042408	*	9614042414	*	80.00	85.00x2.00	
9614042410	*	9614042415	*	100.00	104.00x2.00	
BD finish DIN tubes not according to standard, H3 execution**						
9614042416	*	9614042423	*	15.00	18.00x1.50	
9614042418	*	9614042424	*	20.00	22.00x1.50	
9614042402	*	9614042427	*	25.00	28.00x1.50	
9614042403	*	9614042428	*	32.00	34.00x1.50	
9614042404	*	9614042429	*	40.00	40.00x1.50	
9614042405	*	9614042430	*	50.00	52.00x1.50	
BC finish DIN 11850 tubes, 2nd series, H3 execution**						
9614042447	*	9614042435	*	15.00	19.00x1.50	
9614042449	*	9614042436	*	20.00	23.00x1.50	
9614042451	*	9614042437	*	25.00	29.00x1.50	
9614042453	*	9614042438	*	32.00	35.00x1.50	
9614042455	*	9614042439	*	40.00	41.00x1.50	
9614042457	*	9614042440	*	50.00	53.00x1.50	
9614042407	*	9614042412	*	65.00	70.00x2.00	
9614042409	*	9614042444	*	80.00	85.00x2.00	
9614042411	*	9614042445	*	100.00	104.00x2.00	
BC finish DIN tubes not according to standard, H3 execution**						
9614042446	*	9614042458	*	15.00	18.00x1.50	
9614042448	*	9614042460	*	20.00	22.00x1.50	
9614042450	*	9614042441	*	25.00	28.00x1.50	
9614042452	*	9614042442	*	32.00	34.00x1.50	
9614042454	*	9614042443	*	40.00	40.00x1.50	
9614042456	*	9614042459	*	50.00	52.00x1.50	

* PPL prices are updated monthly

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

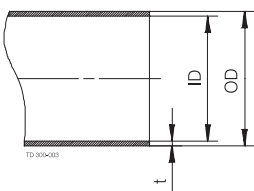
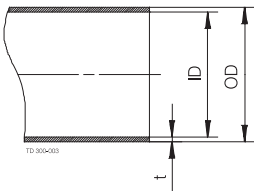
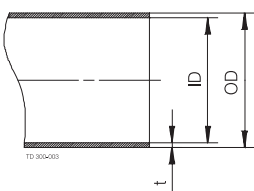
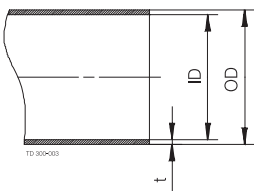
Please contact your Alfa laval contact person for further information

Tubes

Hygienic, EN 10357-A (DIN 11850)

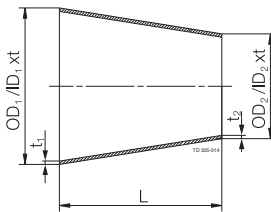
1.2

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

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)		
1.4301 (304)		1.4404 (316L)		mm	OD/ID x t	CC finish, DIN 11850 tubes, 2nd series	
9611819683	*	9611819528	*	15.00	19.00/16.00x1.50		
9611819684	*	9611819529	*	20.00	23.00/20.00x1.50		
9611819519	*	9611819627	*	25.00	29.00/26.00x1.50		
9611819520	*	9611819628	*	32.00	35.00/32.00x1.50		
9611819521	*	9611819629	*	40.00	41.00/38.00x1.50		
9611819522	*	9611819630	*	50.00	41.00/38.00x1.50		
9611819689	*	9611819631	*	65.00	70.00/66.00x2.00		
9611819690	*	9611819632	*	80.00	85.00/81.00x2.00		
9611819691	*	9611819633	*	100.00	104.00/100.00x2.00		
9611819692	*	9611819634	*	125.00	129.00/125.00x2.00		
9611819693	*	9611819534	*	150.00	154.00/150.00x2.00		
CC finish, DIN tubes not according to standard							
9611819517	*	9611819625	*	15.00	18.00/15.00x1.50		
9611819518	*	9611819626	*	20.00	22.00/19.00x1.50		
9611819523	*	9611819503	*	25.00	28.00/25.00x1.50		
9611819524	*	9611819504	*	32.00	34.00/31.00x1.50		
9611819525	*	9611819505	*	40.00	40.00/37.00x1.50		
9611819526	*	9611819506	*	50.00	52.00/49.00x1.50		
CD finish, DIN 11850 tubes, 2nd series							
9611819660	*	9611819413	*	15.00	19.00/16.00x1.50		
9611819661	*	9611819414	*	20.00	23.00/20.00x1.50		
9611819674	*	9611819435	*	25.00	29.00/26.00x1.50		
9611819675	*	9611819436	*	32.00	35.00/32.00x1.50		
9611819676	*	9611819437	*	40.00	41.00/38.00x1.50		
9611819677	*	9611819438	*	50.00	41.00/38.00x1.50		
9611819425	*	9611819450	*	65.00	70.00/66.00x2.00		
9611819426	*	9611819451	*	80.00	85.00/81.00x2.00		
9611819427	*	9611819935	*	100.00	104.00/100.00x2.00		
9611819428	*	9611819936	*	125.00	129.00/125.00x2.00		
9611819429	*	9611819449	*	150.00	154.00/150.00x2.00		
CD finish, DIN tubes not according to standard							
9611819672	*	9611819433	*	15.00	18.00/15.00x1.50		
9611819673	*	9611819434	*	20.00	22.00/19.00x1.50		
9611819678	*	9611819439	*	25.00	28.00/25.00x1.50		
9611819679	*	9611819466	*	32.00	34.00/31.00x1.50		
9611819680	*	9611819467	*	40.00	40.00/37.00x1.50		
9611819681	*	9611819468	*	50.00	52.00/49.00x1.50		

* PPL prices per meter are updated monthly

Please contact your Alfa Laval contact person for further information.

Item No	PPL Eur	item No	PPL Eur	Size DN	Dimension (mm)		L	Concentric reducer
1.4307 (304L)		1.4404 (316L)		mm	OD ¹ /ID ¹ x T ¹	OD ² /ID ² x T ²		
9612648501	14.01	9612648601	15.83	15.00/10.00	18.00/15.00x1.50	12.00/9.00x1.50	16.00	
9612648502	19.55	9612648602	22.1	20.00/10.00	22.00/19.00x1.50	12.00/9.00x1.50	25.00	
9612648503	13.04	9612648603	14.74	20.00/15.00	22.00/19.00x1.50	18.00/15.00x1.50	17.00	
9612648504	25.53	9612648604	28.86	25.00/10.00	28.00/25.00x1.50	12.00/9.00x1.50	29.50	
9612648505	17.02	9612648605	19.24	25.00/15.00	28.00/25.00x1.50	18.00/15.00x1.50	17.00	
9612648506	12.76	9612648606	14.44	25.00/20.00	28.00/25.00x1.50	22.00/19.00x1.50	19.50	
9612648507	23.09	9612648607	26.1	32.00/15.00	34.00/31.00x1.50	18.00/15.00x1.50	22.00	
9612648508	17.33	9612648608	19.58	32.00/20.00	34.00/31.00x1.50	22.00/19.00x1.50	22.00	
9612648509	13.86	9612648609	15.66	32.00/25.00	34.00/31.00x1.50	28.00/25.00x1.50	20.00	
9612648510	30.73	9612648610	34.74	40.00/15.00	40.00/37.00x1.50	18.00/15.00x1.50	45.00	
9612648511	23.05	9612648611	26.05	40.00/20.00	40.00/37.00x1.50	22.00/19.00x1.50	33.50	
9612648512	18.44	9612648612	20.84	40.00/25.00	40.00/37.00x1.50	28.00/25.00x1.50	28.00	
9612648513	14.4	9612648613	16.29	40.00/32.00	40.00/37.00x1.50	34.00/31.00x1.50	28.00	
9612648514	24.79	9612648614	28.04	50.00/25.00	52.00/49.00x1.50	28.00/25.00x1.50	44.00	
9612648515	19.38	9612648615	21.9	50.00/32.00	52.00/49.00x1.50	34.00/31.00x1.50	32.00	
9612648516	15.5	9612648616	17.52	50.00/40.00	52.00/49.00x1.50	40.00/37.00x1.50	37.00	
9612648517	42.48	9612648617	48.03	65.00/25.00	70.00/66.00x2.00	28.00/25.00x1.50	58.50	
9612648518	33.19	9612648618	37.51	65.00/32.00	70.00/66.00x2.00	34.00/31.00x1.50	52.00	
9612648519	26.55	9612648619	30.01	65.00/40.00	70.00/66.00x2.00	40.00/37.00x1.50	38.00	
9612648520	21.25	9612648620	24	65.00/50.00	70.00/66.00x2.00	52.00/49.00x1.50	31.00	
9612648521	59.62	9612648621	67.39	80.00/25.00	85.00/81.00x2.00	28.00/25.00x1.50	89.50	
9612648522	54.34	9612648622	61.43	80.00/32.00	85.00/81.00x2.00	34.00/31.00x1.50	83.00	
9612648523	43.47	9612648623	49.14	80.00/40.00	85.00/81.00x2.00	40.00/37.00x1.50	61.00	
9612648524	34.79	9612648624	39.31	80.00/50.00	85.00/81.00x2.00	52.00/49.00x1.50	31.50	
9612648525	26.76	9612648625	30.24	80.00/65.00	85.00/81.00x2.00	70.00/66.00x2.00	31.50	
9612648526	75.03	9612648626	84.81	100.00/25.00	104.00/100.00x2.00	28.00/25.00x1.50	112.00	
9612648527	87.92	9612648627	99.38	100.00/32.00	104.00/100.00x2.00	34.00/31.00x1.50	105.50	
9612648528	82.06	9612648628	92.77	100.00/40.00	104.00/100.00x2.00	40.00/37.00x1.50	91.50	
9612648529	65.64	9612648629	74.21	100.00/50.00	104.00/100.00x2.00	52.00/49.00x1.50	87.00	
9612648530	50.49	9612648630	57.09	100.00/65.00	104.00/100.00x2.00	70.00/66.00x2.00	54.00	
9612648531	41.03	9612648631	46.38	100.00/80.00	104.00/100.00x2.00	85.00/81.00x2.00	38.00	
9612648532	83.37	9612648632	94.23	125.00/25.00	129.00/125.00x2.00	28.00/25.00x1.50	147.50	
9612648533	126.69	9612648633	73.62	125.00/32.00	129.00/125.00x2.00	34.00/31.00x1.50	141.00	
9612648534	78.15	9612648634	88.35	125.00/40.00	129.00/125.00x2.00	40.00/37.00x1.50	127.00	
9612648535	72.95	9612648635	82.45	125.00/50.00	129.00/125.00x2.00	52.00/49.00x1.50	122.50	
9612648536	56.11	9612648636	63.43	125.00/65.00	129.00/125.00x2.00	70.00/66.00x2.00	89.50	
9612648537	45.59	9612648637	51.53	125.00/80.00	129.00/125.00x2.00	85.00/81.00x2.00	61.00	
9612648538	36.47	9612648638	41.24	125.00/100.00	129.00/125.00x2.00	104.00/100.00x2.00	36.00	
9612648539	185.15	9612648639	209.31	150.00/65.00	154.00/150.00x2.00	70.00/66.00x2.00	129.00	
9612648540	150.45	9612648640	170.06	150.00/80.00	154.00/150.00x2.00	85.00/81.00x2.00	93.00	
9612648541	120.35	9612648641	136.05	150.00/100.00	154.00/150.00x2.00	104.00/100.00x2.00	66.50	
9612648542	96.28	9612648642	108.84	150.00/125.00	154.00/150.00x2.00	129.00/125.00x2.00	40.00	
9612648543	364.71	9612648643	412.28	200.00/100.00	204.00/200.00x2.00	104.00/100.00x2.00	134.00	
9612648544	291.76	9612648644	329.83	200.00/125.00	204.00/200.00x2.00	129.00/125.00x2.00	107.50	
9612648545	243.13	9612648645	274.85	200.00/150.00	204.00/200.00x2.00	154.00/150.00x2.00	68.00	

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

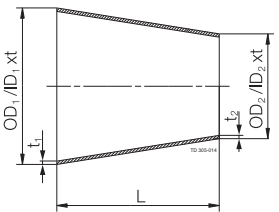
Reducers

Hygienic, EN 10357-A (DIN 11850)

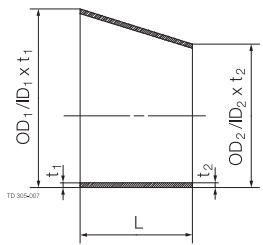
Product code: 5068

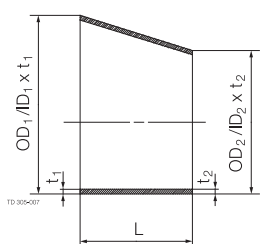
Finish: OD: Mat
ID: Mat

1.2

Item No	PPL Eur	Item No	PPL Eur	Size DN	Dimension (mm)			Concentric reducer
1.4307 (304L)		1.4404 (316L)		mm	OD ¹ /ID ¹ x T ¹	OD ² /ID ² x T ²	L	
9612648546	16.48	9612648646	18.63	15.00/10.00	18.00/15.00x1.50	12.00/9.00x1.50	16.00	
9612648547	22.99	9612648647	26	20.00/10.00	22.00/19.00x1.50	12.00/9.00x1.50	25.00	
9612648548	15.33	9612648648	17.34	20.00/15.00	22.00/19.00x1.50	18.00/15.00x1.50	17.00	
9612648549	30.04	9612648649	33.96	25.00/10.00	28.00/25.00x1.50	12.00/9.00x1.50	29.50	
9612648550	20.02	9612648650	22.63	25.00/15.00	28.00/25.00x1.50	18.00/15.00x1.50	17.00	
9612648551	15.02	9612648651	16.98	25.00/20.00	28.00/25.00x1.50	22.00/19.00x1.50	19.50	
9612648552	27.18	9612648652	30.71	32.00/15.00	34.00/31.00x1.50	18.00/15.00x1.50	22.00	
9612648553	20.37	9612648653	23.04	32.00/20.00	34.00/31.00x1.50	22.00/19.00x1.50	22.00	
9612648554	16.3	9612648654	18.43	32.00/25.00	34.00/31.00x1.50	28.00/25.00x1.50	20.00	
9612648555	36.16	9612648655	40.87	40.00/15.00	40.00/37.00x1.50	18.00/15.00x1.50	45.00	
9612648556	27.12	9612648656	30.66	40.00/20.00	40.00/37.00x1.50	22.00/19.00x1.50	33.50	
9612648557	21.69	9612648657	24.52	40.00/25.00	40.00/37.00x1.50	28.00/25.00x1.50	28.00	
9612648558	16.95	9612648658	19.16	40.00/32.00	40.00/37.00x1.50	34.00/31.00x1.50	28.00	
9612648559	29.17	9612648659	32.98	50.00/25.00	52.00/49.00x1.50	28.00/25.00x1.50	44.00	
9612648560	22.79	9612648660	25.76	50.00/32.00	52.00/49.00x1.50	34.00/31.00x1.50	32.00	
9612648561	18.24	9612648661	20.61	50.00/40.00	52.00/49.00x1.50	40.00/37.00x1.50	37.00	
9612648562	49.97	9612648662	56.5	65.00/25.00	70.00/66.00x2.00	28.00/25.00x1.50	58.50	
9612648563	39.05	9612648663	44.15	65.00/32.00	70.00/66.00x2.00	34.00/31.00x1.50	52.00	
9612648564	31.23	9612648664	35.31	65.00/40.00	70.00/66.00x2.00	40.00/37.00x1.50	38.00	
9612648565	24.99	9612648665	28.25	65.00/50.00	70.00/66.00x2.00	52.00/49.00x1.50	31.00	
9612648566	70.15	9612648666	79.29	80.00/25.00	85.00/81.00x2.00	28.00/25.00x1.50	89.50	
9612648567	63.93	9612648667	72.28	80.00/32.00	85.00/81.00x2.00	34.00/31.00x1.50	83.00	
9612648568	51.15	9612648668	57.82	80.00/40.00	85.00/81.00x2.00	40.00/37.00x1.50	61.00	
9612648569	40.91	9612648669	46.25	80.00/50.00	85.00/81.00x2.00	52.00/49.00x1.50	31.50	
9612648570	31.47	9612648670	35.58	80.00/65.00	85.00/81.00x2.00	70.00/66.00x2.00	31.50	
9612648571	88.26	9612648671	99.78	100.00/25.00	104.00/100.00x2.00	28.00/25.00x1.50	112.00	
9612648572	103.44	9612648672	116.93	100.00/32.00	104.00/100.00x2.00	34.00/31.00x1.50	105.50	
9612648573	96.53	9612648673	109.14	100.00/40.00	104.00/100.00x2.00	40.00/37.00x1.50	91.50	
9612648574	77.23	9612648674	87.31	100.00/50.00	104.00/100.00x2.00	52.00/49.00x1.50	87.00	
9612648575	59.4	9612648675	67.16	100.00/65.00	104.00/100.00x2.00	70.00/66.00x2.00	54.00	
9612648576	48.27	9612648676	54.57	100.00/80.00	104.00/100.00x2.00	85.00/81.00x2.00	38.00	
9612648577	98.07			125.00/25.00	129.00/125.00x2.00	28.00/25.00x1.50	147.50	
9612648578	76.63			125.00/32.00	129.00/125.00x2.00	34.00/31.00x1.50	141.00	
9612648579	91.95	9612648679	103.94	125.00/40.00	129.00/125.00x2.00	40.00/37.00x1.50	127.00	
9612648580	85.81	9612648680	97.01	125.00/50.00	129.00/125.00x2.00	52.00/49.00x1.50	122.50	
9612648581	66.01	9612648681	74.62	125.00/65.00	129.00/125.00x2.00	70.00/66.00x2.00	129.00	
9612648582	53.63	9612648682	60.63	125.00/80.00	129.00/125.00x2.00	85.00/81.00x2.00	61.00	
9612648583	42.91	9612648683	48.51	125.00/100.00	129.00/125.00x2.00	104.00/100.00x2.00	36.00	
9612648584	217.84	9612648684	246.25	150.00/65.00	154.00/150.00x2.00	70.00/66.00x2.00	129.00	
9612648585	176.99	9612648685	200.08	150.00/80.00	154.00/150.00x2.00	85.00/81.00x2.00	93.00	
9612648586	141.6	9612648686	160.06	150.00/100.00	154.00/150.00x2.00	104.00/100.00x2.00	66.50	
9612648587	113.28	9612648687	128.04	150.00/125.00	154.00/150.00x2.00	129.00/125.00x2.00	40.00	
9612648588	429.06	9612648688	485.04	200.00/100.00	204.00/200.00x2.00	104.00/100.00x2.00	134.00	
9612648589	343.25	9612648689	388.02	200.00/125.00	204.00/200.00x2.00	129.00/125.00x2.00	107.50	
9612648590	286.04	9612648690	323.35	200.00/150.00	204.00/200.00x2.00	154.00/150.00x2.00	68.00	

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

Item No	PPL Eur	item No	PPL Eur	Size DN	OD ¹ /ID ¹ x T ¹	OD ² /ID ² x T ²	L	Finish: OD: Semi bright ID: Raw
1.4307 (304L)		1.4404 (316L)		mm				Eccentric
9612648743	23.88	9612648764	26.99	15.00/10.00	19.00/16.00x1.50	13.00/10.00x1.50	11.50	
9612648744	21.51	9612648765	24.32	20.00/15.00	23.00/20.00x1.50	19.00/16.00x1.50	9.00	
9612648745	27.25	9612648766	30.79	25.00/15.00	29.00/26.00x1.50	19.00/16.00x1.50	19.00	
9612648746	20.44	9612648767	23.1	25.00/20.00	29.00/26.00x1.50	23.00/20.00x1.50	11.00	
9612648747	26.63	9612648768	30.12	32.00/20.00	35.00/32.00x1.50	23.00/20.00x1.50	22.00	
9612648748	21.31	9612648769	24.1	32.00/25.00	35.00/32.00x1.50	29.00/26.00x1.50	11.00	
9612648749	27.19	9612648770	30.73	40.00/25.00	41.00/38.00x1.50	29.00/26.00x1.50	21.50	
9612648750	21.24	9612648771	24	40.00/32.00	41.00/38.00x1.50	35.00/32.00x1.50	11.00	
9612648751	34.84	9612648772	39.38	50.00/25.00	41.00/38.00x1.50	29.00/26.00x1.50	44.00	
9612648752	27.22	9612648773	30.76	50.00/32.00	41.00/38.00x1.50	35.00/32.00x1.50	33.50	
9612648753	21.78	9612648774	24.62	50.00/40.00	41.00/38.00x1.50	41.00/38.00x1.50	23.00	
9612648754	35.63	9612648775	40.27	65.00/40.00	70.00/66.00x2.00	41.00/38.00x1.50	55.50	
9612648755	28.51	9612648776	32.23	65.00/50.00	70.00/66.00x2.00	41.00/38.00x1.50	33.00	
9612648756	45.52	9612648777	51.46	80.00/50.00	85.00/81.00x2.00	41.00/38.00x1.50	62.50	
9612648757	35.01	9612648778	39.58	80.00/65.00	85.00/81.00x2.00	70.00/66.00x2.00	30.00	
9612648758	65.42	9612648779	73.94	100.00/65.00	104.00/100.00x2.00	70.00/66.00x2.00	67.50	
9612648759	53.15	9612648780	60.08	100.00/80.00	104.00/100.00x2.00	85.00/81.00x2.00	38.00	
9612648760	152.38	9612648781	172.27	125.00/80.00	129.00/125.00x2.00	85.00/81.00x2.00	86.50	
9612648761	121.91	9612648782	137.81	125.00/100.00	129.00/125.00x2.00	104.00/100.00x2.00	49.00	
9612648762	242.82	9612648783	274.51	150.00/100.00	154.00/150.00x2.00	104.00/100.00x2.00	98.50	
9612648763	194.27	9612648784	219.61	150.00/125.00	154.00/150.00x2.00	129.00/125.00x2.00	50.00	

Item No	PPL Eur	item No	PPL Eur	Size DN	OD ¹ /ID ¹ x T ¹	OD ² /ID ² x T ²	L	Finish: OD: Mat ID: Mat
1.4307 (304L)		1.4404 (316L)		mm				Eccentric reducer
9612648701	23.88	9612648722	26.99	15.00/10.00	19.00/16.00x1.50	13.00/10.00x1.50	11.50	
9612648702	21.51	9612648723	24.32	20.00/15.00	23.00/20.00x1.50	19.00/16.00x1.50	9.00	
9612648703	27.25	9612648724	30.79	25.00/15.00	29.00/26.00x1.50	19.00/16.00x1.50	19.00	
9612648704	20.44	9612648725	23.1	25.00/20.00	29.00/26.00x1.50	23.00/20.00x1.50	11.00	
9612648705	26.63	9612648726	30.12	32.00/20.00	35.00/32.00x1.50	23.00/20.00x1.50	22.00	
9612648706	21.31	9612648727	24.1	32.00/25.00	35.00/32.00x1.50	29.00/26.00x1.50	11.00	
9612648707	27.19	9612648728	30.73	40.00/25.00	41.00/38.00x1.50	29.00/26.00x1.50	21.50	
9612648708	21.24	9612648729	24	40.00/32.00	41.00/38.00x1.50	35.00/32.00x1.50	11.00	
9612648709	34.84	9612648730	39.38	50.00/25.00	41.00/38.00x1.50	29.00/26.00x1.50	44.00	
9612648710	27.22	9612648731	30.76	50.00/32.00	41.00/38.00x1.50	35.00/32.00x1.50	33.50	
9612648711	21.78	9612648732	24.62	50.00/40.00	41.00/38.00x1.50	41.00/38.00x1.50	23.00	
9612648712	35.63	9612648733	40.27	65.00/40.00	70.00/66.00x2.00	41.00/38.00x1.50	55.50	
9612648713	28.51	9612648734	32.23	65.00/50.00	70.00/66.00x2.00	41.00/38.00x1.50	33.00	
9612648714	45.52	9612648735	51.46	80.00/50.00	85.00/81.00x2.00	41.00/38.00x1.50	62.50	
9612648715	35.01	9612648736	39.58	80.00/65.00	85.00/81.00x2.00	70.00/66.00x2.00	30.00	
9612648716	65.42	9612648737	73.94	100.00/65.00	104.00/100.00x2.00	70.00/66.00x2.00	67.50	
9612648717	53.15	9612648738	60.08	100.00/80.00	104.00/100.00x2.00	85.00/81.00x2.00	38.00	
9612648718	152.38	9612648739	172.27	125.00/80.00	129.00/125.00x2.00	85.00/81.00x2.00	86.50	
9612648719	121.91	9612648740	137.81	125.00/100.00	129.00/125.00x2.00	104.00/100.00x2.00	49.00	
9612648720	242.82	9612648741	274.51	150.00/100.00	154.00/150.00x2.00	104.00/100.00x2.00	98.50	
9612648721	194.27	9612648742	219.61	150.00/125.00	154.00/150.00x2.00	129.00/125.00x2.00	50.00	

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

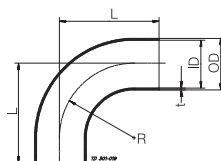
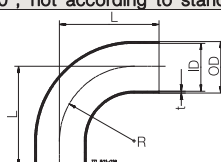
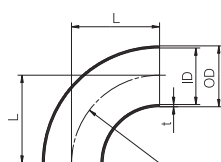
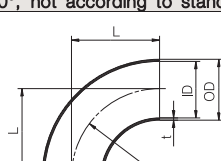
Bends

Hygienic, EN 10357-A (DIN 11850)

Product code: 5007

Finish: OD: Polished
ID: Raw

1.2

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	11.82	9612154508	13.97	10.00	13.00/10.00x1.50	38.00	26.00	
9612154559	12.8	9612154509	15.14	15.00	19.00/16.00x1.50	47.00	35.00	
9612154560	13.79	9612154510	16.3	20.00	23.00/20.00x1.50	52.00	40.00	
9612154561	14.78	9612154511	17.46	25.00	29.00/26.00x1.50	70.00	50.00	
9612154563	17.73	9612154513	20.96	40.00	41.00/38.00x1.50	85.00	60.00	
9612154564	19.7	9612154514	23.29	50.00	41.00/38.00x1.50	97.00	70.00	
9611304060	27.22	9611304062	32.16	65.00	70.00/66.00x2.00	110.00	80.00	
9611304080	43.84	9611304082	51.79	80.00	85.00/81.00x2.00	118.00	90.00	
9611304090	70.3	9611304092	83.09	100.00	104.00/100.00x2.00	140.00	100.00	
*		*		125.00				
*		*		150.00				
Bend 90°, not according to standard								
9611304120	13.51	9611304122	15.96	10.00	12.00/9.00x1.50	38.00	26.00	
9611304130	14.63	9611304132	17.3	15.00	18.00/15.00x1.50	47.00	35.00	
9611293921	15.76	9611293922	18.63	20.00	22.00/19.00x1.50	52.00	40.00	
9611304140	16.89	9611304142	19.96	25.00	28.00/25.00x1.50	70.00	50.00	
9611304160	20.27	9611304162	23.94	40.00	40.00/37.00x1.50	85.00	60.00	
9611304170	22.52	9611304172	26.6	50.00	52.00/49.00x1.50	97.00	70.00	
Bend 90°, acc. to DIN 11852, 2nd series								
9612150558	10.64	9612150508	12.56	10.00	13.00/10.00x1.50	26.00	26.00	
9612150559	11.52	9612150509	13.62	15.00	19.00/16.00x1.50	35.00	35.00	
9612150560	12.41	9612150510	14.66	20.00	23.00/20.00x1.50	40.00	40.00	
9612150561	13.29	9612150511	15.71	25.00	29.00/26.00x1.50	50.00	50.00	
9612150563	15.95	9612150513	18.86	40.00	41.00/38.00x1.50	60.00	60.00	
9612150564	17.73	9612150514	20.96	50.00	41.00/38.00x1.50	70.00	70.00	
9611301066	24.48	9611309171	28.94	65.00	70.00/66.00x2.00	80.00	80.00	
9611301067	39.46	9611309181	46.61	80.00	85.00/81.00x2.00	90.00	90.00	
9611301068	63.27	9611309191	74.78	100.00	104.00/100.00x2.00	100.00	100.00	
9611309200	126.99	9611309201	150.08	125.00	129.00/125.00x2.00	187.50	187.50	
9611309210	210.1	9611309211	248.29	150.00	154.00/150.00x2.00	225.00	225.00	
Bend 90°, not according to standard								
9611309100	12.16	9611309101	14.37	10.00	12.00/9.00x1.50	26.00	26.00	
9611301060	13.18	9611309111	15.57	15.00	18.00/15.00x1.50	35.00	35.00	
9611301061	14.19	9611309131	16.75	20.00	22.00/19.00x1.50	40.00	40.00	
9611301062	15.2	9611309121	17.96	25.00	28.00/25.00x1.50	50.00	50.00	
9611301064	18.24	9611309151	21.56	40.00	40.00/37.00x1.50	60.00	60.00	
9611301065	20.27	9611309161	23.94	50.00	52.00/49.00x1.50	70.00	70.00	

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	10.13	9612154527	11.97	10.00	13.00/10.00x1.50	38.00	26.00	
9612154566	10.98	9612154528	12.97	15.00	19.00/16.00x1.50	47.00	35.00	
9612154567	11.82	9612154529	13.97	20.00	23.00/20.00x1.50	52.00	40.00	
9612154568	12.67	9612154530	14.97	25.00	29.00/26.00x1.50	70.00	50.00	
9612154570	15.2	9612154532	17.96	40.00	41.00/38.00x1.50	85.00	60.00	
9612154571	16.89	9612154533	19.96	50.00	41.00/38.00x1.50	97.00	70.00	
9611304061	23.33	9611304063	27.57	65.00	70.00/66.00x2.00	110.00	80.00	
9611304081	37.56	9611304083	44.4	80.00	85.00/81.00x2.00	118.00	90.00	
9611304091	60.26	9611304093	71.22	100.00	104.00/100.00x2.00	140.00	100.00	
*		*		125.00				
*		*		150.00				
Not according to standard								
9611304121	14.31	9611304123	19.16	10.00	12.00/9.00x1.50	38.00	26.00	
9611304131	17.56	9611304133	20.76	15.00	18.00/15.00x1.50	47.00	35.00	
9611293923	18.91	9611293924	22.35	20.00	22.00/19.00x1.50	52.00	40.00	
9611304141	20.27	9611304143	23.94	25.00	28.00/25.00x1.50	70.00	50.00	
9611304161	24.32	9611304163	28.74	40.00	40.00/37.00x1.50	85.00	60.00	
9611304171	27.01	9611304173	31.93	50.00	52.00/49.00x1.50	97.00	70.00	
Acc. to DIN 11852, 2nd series								
9612150565	9.11	9612150527	10.77	10.00	13.00/10.00x1.50	26.00	26.00	
9612150566	9.88	9612150528	11.67	15.00	19.00/16.00x1.50	35.00	35.00	
9612150567	10.64	9612150529	12.56	20.00	23.00/20.00x1.50	40.00	40.00	
9612150568	11.4	9612150530	13.48	25.00	29.00/26.00x1.50	50.00	50.00	
9612150570	13.68	9612150532	16.16	40.00	41.00/38.00x1.50	60.00	60.00	
9612150571	15.2	9612150533	17.96	50.00	41.00/38.00x1.50	70.00	70.00	
9611309172	20.99	9611309173	24.8	65.00	70.00/66.00x2.00	80.00	80.00	
9611309182	33.81	9611309183	39.97	80.00	85.00/81.00x2.00	90.00	90.00	
9611309192	54.24	9611309193	64.1	100.00	104.00/100.00x2.00	100.00	100.00	
*		*		125.00				
*		*		150.00				
Not according to standard								
9611309102	14.59	9611309103	17.23	10.00	13.00/9.00x1.50	26.00	26.00	
9611309112	15.81	9611309113	18.68	15.00	18.00/15.00x1.50	35.00	35.00	
9611309132	17.02	9611309133	20.11	20.00	22.00/19.00x1.50	40.00	40.00	
9611309122	18.24	9611309123	21.56	25.00	28.00/25.00x1.50	50.00	50.00	
9611309152	21.88	9611309153	25.86	40.00	40.00/37.00x1.50	60.00	60.00	
9611309162	24.32	9611309163	28.74	50.00	52.00/49.00x1.50	70.00	70.00	

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

* On request

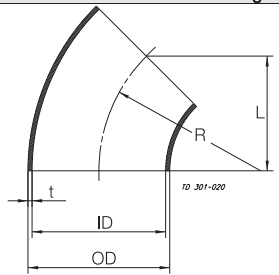
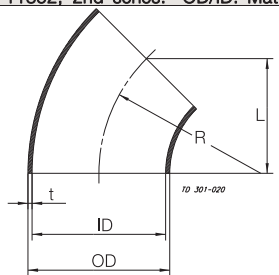
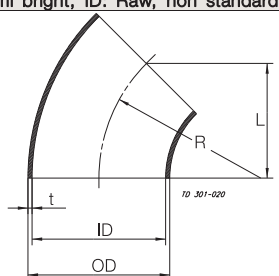
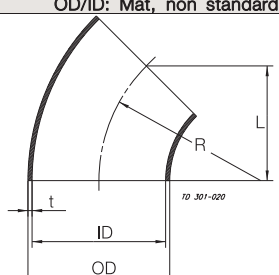
Bends

Hygienic, EN 10357-A (DIN 11850)

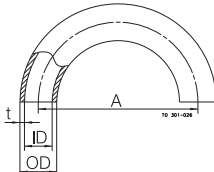
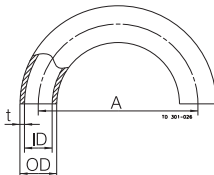
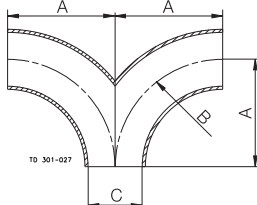
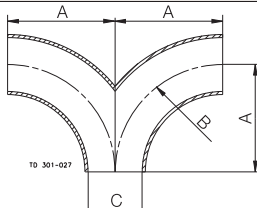
Product code: 5007

Finish: See below

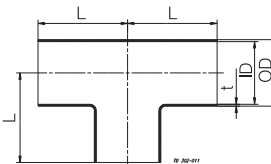
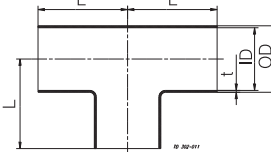
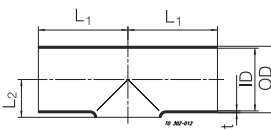
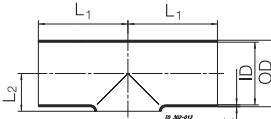
1.2

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size DN	Dimension (mm)			
1.4307 (304)		1.4404 (316L)		mm	OD/IDxt	L	R	Bend 45, 2nd series OD/ID: Semi bright
9612154642	22.39	9612154611	29.1	25.00	29.00/26.00x1.50	34.00	50.00	
9612154644	26.86	9612154613	34.92	40.00	41.00/38.00x1.50	41.00	60.00	
9612154645	29.85	9612154614	38.8	50.00	41.00/38.00x1.50	48.00	70.00	
9611293861	41.24	9611293862	53.6	65.00	70.00/66.00x2.00	55.00	80.00	
9611293871	66.41	9611293872	86.33	80.00	85.00/81.00x2.00	62.00	90.00	
9611293881	103.72	9611293882	134.84	100.00	104.00/100.00x2.00	69.00	100.00	
9611293891	181.9	9611293892	236.45	125.00	129.00/125.00x2.00	131.00	187.50	
9611293901	279.82	9611293902	363.77	150.00	154.00/150.00x2.00	157.00	225.00	
Acc to DIN 11852, 2nd series. OD/ID: Mat								
9612154649	21.75	9612154630	28.27	25.00	289.00/26.00x1.50	34.00	50.00	
9612154651	26.09	9612154632	33.92	40.00	41.00/38.00x1.50	41.00	60.00	
9612154652	29	9612154633	37.69	50.00	41.00/38.00x1.50	48.00	70.00	
9611293863	40.05	9611293864	52.06	65.00	70.00/66.00x2.00	55.00	80.00	
9611293873	64.51	9611293874	83.88	80.00	85.00/81.00x2.00	62.00	90.00	
9611293883	100.76	9611293884	130.99	100.00	104.00/100.00x2.00	69.00	100.00	
9611293893	176.69	9611293894	229.7	125.00	129.00/125.00x2.00	131.00	187.50	
9611293903	271.84	9611293904	353.38	150.00	154.00/150.00x2.00	157.00	225.00	
OD: Semi bright, ID: Raw, non standard								
9611293821	23.03	9611293822	29.93	25.00	28.00/25.00x1.50	34.00	50.00	
9611293841	27.63	9611293842	35.92	40.00	40.00/37.00x1.50	41.00	60.00	
9611293851	30.7	9611293852	39.92	50.00	52.00/49.00x1.50	48.00	70.00	
OD/ID: Mat, non standard								
9611293823	21.75	9611293824	28.27	25.00	28.00/25.00x1.50	34.00	50.00	
		9611293834	19.05	32.00	34.00/31.00x1.50	37.00	55.00	
9611293843	26.09	9611293844	33.92	40.00	40.00/37.00x1.50	41.00	60.00	
9611293853	29	9611293854	37.69	50.00	52.00/49.00x1.50	48.00	70.00	

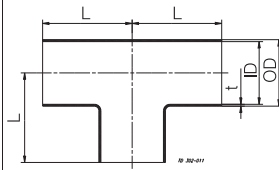
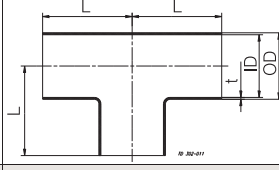
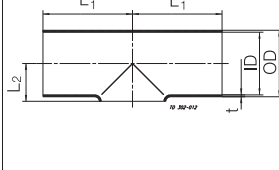
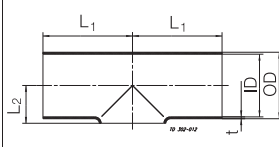
NOTE: For pressure and surface, please see product leaflet.

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	50.37	9612156825	55.43	10.00	12.00/9.00x1.50	52.00			
9612156802	57.56	9612156826	74.84	15.00	18.00/15.00x1.50	68.00			
9612156803	72.49	9612156827	94.23	20.00	22.00/19.00x1.50	76.00			
9612156804	87.41	9612156828	113.64	25.00	28.00/25.00x1.50	100.00			
9612156806	132.18	9612156830	171.84	40.00	40.00/37.00x1.50	120.00			
9612156807	180.16	9612156831	234.2	50.00	52.00/49.00x1.50	140.00			
9612156808	252.11	9612156832	327.75	65.00	70.00/66.00x2.00	160.00			
9612156809	324.06	9612156833	421.28	80.00	85.00/81.00x2.00	180.00			
9612156810	420	9612156834	546.01	100.00	104.00/100.00x2.00	200.00			
Bend 180°, OD/ID: Mat, non standard									
9612156813	44.87	9612156837	53.51	10.00	12.00/9.00x1.50	52.00			
9612156814	57.56	9612156838	55.1	15.00	18.00/15.00x1.50	68.00			
9612156815	53.51	9612156839	94.23	20.00	22.00/19.00x1.50	76.00			
9612156816	87.41	9612156840	113.64	25.00	28.00/25.00x1.50	100.00			
9612156818	132.18	9612156842	171.84	40.00	40.00/37.00x1.50	120.00			
9612156819	180.16	9612156843	234.2	50.00	52.00/49.00x1.50	140.00			
9612156820	252.11	9612156844	131.42	65.00	70.00/66.00x2.00	160.00			
9612156821	324.06	9612156845	200.66	80.00	85.00/81.00x2.00	180.00			
9612156822	420	9612156846	546.01	100.00	104.00/100.00x2.00	200.00			
T-double bend - OD: Semi bright, ID: Raw									
9612154201	100.73	9612154215	130.96	25.00		49.00	50.00	25.00	
9612154203	120.89	9612154217	157.15	40.00		59.00	60.00	37.00	
9612154204	134.32	9612154218	174.62	50.00		69.00	70.00	49.00	
9612154205	174.62	9612154219	226.99	65.00		79.00	80.00	66.00	
9612154206	241.77	9612154220	314.3	80.00		89.00	90.00	81.00	
9612154207	389.52	9612154221	506.38	100.00		99.00	100.00	100.00	
T-double bend - OD/ID: Mat									
9612154208	100.73	9612154222	103.07	25.00		49.00	50.00	25.00	
9612154210	120.89	9612154224	122.78	40.00		59.00	60.00	37.00	
9612154211	134.32	9612154225	137.7	50.00		69.00	70.00	49.00	
9612154212	174.62	9612154226	226.99	65.00		79.00	80.00	66.00	
9612154213	241.77	9612154227	267.56	80.00		89.00	90.00	81.00	
9612154214	389.52	9612154228	506.38	100.00		99.00	100.00	100.00	

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
9612155558	18.29	9612155508	23.78	10.00	13.00/10.00x1.50	26.00		
9612155559	19.81	9612155509	25.76	15.00	19.00/16.00x1.50	35.00		
9612155560	21.34	9612155510	27.75	20.00	23.00/20.00x1.50	40.00		
9612155561	22.87	9612155511	29.73	25.00	29.00/26.00x1.50	50.00		
9612155563	27.44	9612155513	35.67	40.00	41.00/38.00x1.50	60.00		
9612155564	30.49	9612155514	39.63	50.00	41.00/38.00x1.50	70.00		
9611309290	37.36	9611309291	48.56	65.00	70.00/66.00x2.00	80.00		
9611309300	56.4	9611309301	73.32	80.00	85.00/81.00x2.00	90.00		
9611309310	89.94	9611309311	116.92	100.00	104.00/100.00x2.00	100.00		
9611309320	287.35	9611309321	373.55	125.00	129.00/125.00x2.00	187.50		
9611309330	523.63	9611309331	680.71	150.00	154.00/150.00x2.00	225.00		
Tee, form TS, non standard								
9611309220	21.11	9611309221	27.44	10.00	12.00/9.00x1.50	26.00		
9611309230	22.87	9611309231	29.73	15.00	18.00/15.00x1.50	35.00		
9611309240	24.63	9611309241	32.01	20.00	22.00/19.00x1.50	40.00		
9611309250	26.38	9611309251	34.3	25.00	28.00/25.00x1.50	50.00		
9611309270	31.66	9611309271	41.16	40.00	40.00/37.00x1.50	60.00		
9611309280	35.18	9611309281	45.73	50.00	52.00/49.00x1.50	70.00		
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	L ₁	L ₂	Tee, short, acc. to DIN 11852, 2nd series
9612928701	15.25	9612928711	19.81	15.00	19.00/16.00x1.50	35.00	11.00	
9612928702	16.42	9612928712	21.34	20.00	23.00/20.00x1.50	40.00	13.00	
9612928703	17.59	9612928713	22.87	25.00	29.00/26.00x1.50	50.00	16.50	
9612928705	21.11	9612928715	27.44	40.00	41.00/38.00x1.50	60.00	22.50	
9612928706	23.45	9612928716	30.49	50.00	41.00/38.00x1.50	70.00	29.50	
9611304580	28.72	9611304582	37.36	65.00	70.00/66.00x2.00	80.00	40.00	
9611304600	43.39	9611304602	56.4	80.00	85.00/81.00x2.00	90.00	45.50	
9611304620	69.18	9611304622	89.94	100.00	104.00/100.00x2.00	100.00	58.50	
9611304640	221.03	9611304642	287.35	125.00	129.00/125.00x2.00	187.50	71.50	
9612150053	402.79	9612150040	523.63	150.00	154.00/150.00x2.00	225.00	87.00	
1.4301 (304)		1.4404 (316L)		mm	OD/ID x t	L ₁	L ₂	Tee, short, form TK, Non standard
9612150002	15.25	9612150030	19.81	15.00	18.00/15.00x1.50	35.00	10.00	
9612150003	16.42	9612150031	21.34	20.00	22.00/19.00x1.50	40.00	12.00	
9612150004	17.59	9612150032	22.87	25.00	28.00/25.00x1.50	50.00	15.50	
9612150006	21.11	9612150034	27.44	40.00	40.00/37.00x1.50	60.00	21.50	
9612150007	23.45	9612150035	30.49	50.00	52.00/49.00x1.50	70.00	29.50	

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	14.97	9612155527	19.46	10.00	13.00/10.00x1.50	26.00		
9612155566	16.21	9612155528	21.07	15.00	19.00/16.00x1.50	35.00		
9612155567	17.46	9612155529	22.69	20.00	23.00/20.00x1.50	40.00		
9612155568	18.71	9612155530	24.33	25.00	29.00/26.00x1.50	50.00		
9612155570	22.45	9612155532	29.18	40.00	41.00/38.00x1.50	60.00		
9612155571	24.95	9612155533	32.43	50.00	41.00/38.00x1.50	70.00		
9611309292	30.57	9611309293	39.72	65.00	70.00/66.00x2.00	80.00		
9611309302	46.14	9611309303	60	80.00	85.00/81.00x2.00	90.00		
9611309312	73.59	9611309313	95.66	100.00	104.00/100.00x2.00	100.00		
9611309322	235.1	9611309323	305.64	125.00	129.00/125.00x2.00	187.50		
9611309332	428.43	9611309333	556.94	150.00	154.00/150.00x2.00	225.00		
Tee, form TS, non standard								
9611309222	16.63	9611309223	21.62	10.00	12.00/9.00x1.50	26.00		
9611309232	18.01	9611309233	23.42	15.00	18.00/15.00x1.50	35.00		
9611309242	19.41	9611309243	25.22	20.00	22.00/19.00x1.50	40.00		
9611309252	20.79	9611309253	27.02	25.00	28.00/25.00x1.50	50.00		
9611309272	24.95	9611309273	32.43	40.00	40.00/37.00x1.50	60.00		
9611309282	27.72	9611309283	36.04	50.00	52.00/49.00x1.50	70.00		
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	L ₁	L ₂	Tee, short, acc. to DIN 11852, 2nd series
9612928721	12.47	9612928731	16.21	15.00	19.00/16.00x1.50	35.00	11.00	
9612928722	13.44	9612928732	17.46	20.00	23.00/20.00x1.50	40.00	13.00	
9612928723	14.39	9612928733	18.71	25.00	29.00/26.00x1.50	50.00	16.50	
9612928725	17.27	9612928735	22.45	40.00	41.00/38.00x1.50	60.00	22.50	
9612928726	19.19	9612928736	24.95	50.00	41.00/38.00x1.50	70.00	29.50	
9611304581	23.5	9611304583	30.57	65.00	70.00/66.00x2.00	80.00	40.00	
9611304601	35.5	9611304603	46.14	80.00	85.00/81.00x2.00	90.00	45.50	
9611304621	56.61	9611304623	73.59	100.00	104.00/100.00x2.00	100.00	58.50	
9611304641	180.85	9611304643	235.1	125.00	129.00/125.00x2.00	187.5	71.50	
9612150054	329.56	9612150052	428.43	150.00	154.00/150.00x2.00	225.00	87.00	
1.4301 (304)		1.4404 (316L)		mm	OD/ID x t	L ₁	L ₂	Tee, short, non standard
9612150009	13.86	9612150042	18.01	15.00	18.00/15.00x1.50	35.00	10.00	
9612150010	14.92	9612150043	19.41	20.00	22.00/19.00x1.50	40.00	12.00	
9612150011	16	9612150044	20.79	25.00	28.00/25.00x1.50	50.00	15.50	
9612150013	19.19	9612150046	24.95	40.00	40.00/37.00x1.50	60.00	21.50	
9612150014	21.32	9612150047	27.72	50.00	52.00/49.00x1.50	70.00	29.50	

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

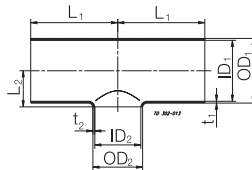
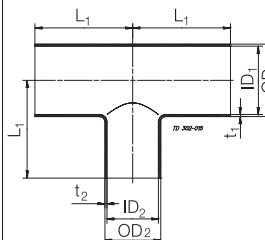
Tees

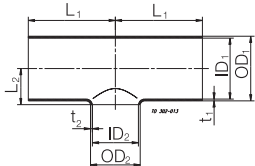
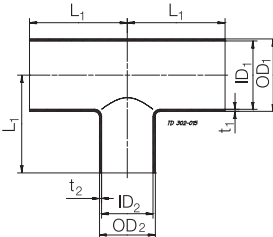
Hygienic, EN 10357-A (DIN 11850)

1.2

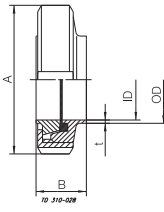
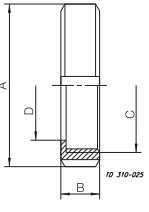
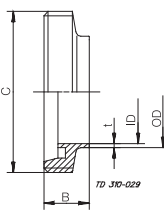
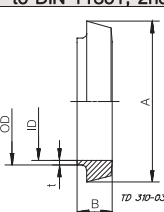
* Please note that reduced tees are not within the DIN standard
Product code: 5026

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	25.15	9612155617	35.2	32.00/25.00	34.00/31.00x1.50	28.00/25.00x1.50	55.00	20.5	
9612155602	27.99	9612155618	39.18	40.00/25.00	40.00/37.00x1.50	28.00/25.00x1.50	60.00	23.5	
9612155603	27.82	9612155619	38.95	40.00/32.00	40.00/37.00x1.50	34.00/31.00x1.50	60.00	23.00	
9612155604	28.08	9612155620	39.31	50.00/32.00	52.00/49.00x1.50	34.00/31.00x1.50	70.00	29.00	
9612155605	27.82	9612155621	38.95	50.00/40.00	52.00/49.00x1.50	40.00/37.00x1.50	70.00	29.00	
9611304570	45.7	9611304572	63.97	65.00/50.00	70.00/66.00x2.00	52.00/49.00x1.50	80.00	39.00	
9612155606	61.56	9612155623	86.18	80.00/50.00	85.00/81.00x2.00	52.00/49.00x1.50	90.00	47.00	
9611304590	61.46	9611304592	86.05	80.00/65.00	85.00/81.00x2.00	70.00/66.00x2.00	90.00	47.00	
9612155607	83.15	9612155625	116.41	100.00/50.00	104.00/100.00x2.00	52.00/49.00x1.50	100.00	58.00	
9612155608	84.1	9612155626	117.75	100.00/65.00	104.00/100.00x2.00	70.00/66.00x2.00	100.00	58.00	
9611304610	89.36	9611304612	125.08	100.00/80.00	104.00/100.00x2.00	85.00/81.00x2.00	100.00	59.00	
Reduced tee*									
9612157401	27.66	9612157434	49.33	32.00/25.00	34.00/31.00x1.50	28.00/25.00x1.50	54.00		
9612157402	30.78	9612157435	43.1	40.00/25.00	40.00/37.00x1.50	28.00/25.00x1.50	58.00		
9612157403	30.61	9612157436	42.84	40.00/32.00	40.00/37.00x1.50	34.00/31.00x1.50	59.00		
9612157404	30.88	9612157437	43.23	50.00/32.00	52.00/49.00x1.50	34.00/31.00x1.50	65.50		
9612157405	30.61	9612157438	42.84	50.00/40.00	52.00/49.00x1.50	40.00/37.00x1.50	67.00		
9612157406	50.26	9612157439	70.37	65.00/50.00	70.00/66.00x2.00	52.00/49.00x1.50	78.50		
9612157407	67.72	9612157440	94.81	80.00/50.00	85.00/81.00x2.00	52.00/49.00x1.50	88.00		
9612157408	67.61	9612157441	94.65	80.00/65.00	85.00/81.00x2.00	70.00/66.00x2.00	87.50		
9612157409	91.47	9612157442	128.04	100.00/50.00	104.00/100.00x2.00	52.00/49.00x1.50	99.00		
9612157410	92.52	9612157443	129.53	100.00/65.00	104.00/100.00x2.00	70.00/66.00x2.00	98.50		
9612157411	92.16	9612157444	129.03	100.00/80.00	104.00/100.00x2.00	85.00/81.00x2.00	99.50		

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	25.15	9612155628	35.2	32.00/25.00	34.00/31.00x1.50	28.00/25.00x1.50	55.00	20.50	
9612155610	27.99	9612155629	39.18	40.00/25.00	40.00/37.00x1.50	28.00/25.00x1.50	60.00	23.50	
9612155611	27.82	9612155630	38.95	40.00/32.00	40.00/37.00x1.50	34.00/31.00x1.50	60.00	23.00	
9612155612	28.08	9612155631	39.31	50.00/32.00	52.00/49.00x1.50	34.00/31.00x1.50	70.00	29.00	
9612155613	27.82	9612155632	38.95	50.00/40.00	52.00/49.00x1.50	40.00/37.00x1.50	70.00	29.00	
9611304571	45.7	9611304573	63.97	65.00/50.00	70.00/66.00x2.00	52.00/49.00x1.50	80.00	39.00	
9612155614	61.56	9612155634	86.18	80.00/50.00	85.00/81.00x2.00	52.00/49.00x1.50	90.00	47.00	
9611304591	61.46	9611304593	86.05	80.00/65.00	85.00/81.00x2.00	70.00/66.00x2.00	90.00	47.00	
9612155615	83.15	9612155636	116.41	100.00/50.00	104.00/100.00x2.00	52.00/49.00x1.50	100.00	58.00	
9612155616	84.1	9612155637	117.75	100.00/65.00	104.00/100.00x2.00	70.00/66.00x2.00	100.00	58.00	
9611304611	89.36	9611304613	125.08	100.00/80.00	104.00/100.00x2.00	85.00/81.00x2.00	100.00	59.00	
Reduced tee*									
9612157412	27.66	9612157423	38.72	32.00/25.00	34.00/31.00x1.50	28.00/25.00x1.50	54.00		
9612157413	30.78	9612157424	43.1	40.00/25.00	40.00/37.00x1.50	28.00/25.00x1.50	58.00		
9612157414	30.61	9612157425	44.19	40.00/32.00	40.00/37.00x1.50	34.00/31.00x1.50	59.00		
9612157415	44.72	9612157426	43.23	50.00/32.00	52.00/49.00x1.50	34.00/31.00x1.50	65.50		
9612157416	30.61	9612157427	42.84	50.00/40.00	52.00/49.00x1.50	40.00/37.00x1.50	67.00		
9612157417	50.26	9612157428	70.37	65.00/50.00	70.00/66.00x2.00	52.00/49.00x1.50	78.50		
9612157418	67.72	9612157429	94.81	80.00/50.00	85.00/81.00x2.00	52.00/49.00x1.50	88.00		
9612157419	67.61	9612157430	94.65	80.00/65.00	85.00/81.00x2.00	70.00/66.00x2.00	87.50		
9612157420	91.47	9612157431	128.04	100.00/50.00	104.00/100.00x2.00	52.00/49.00x1.50	99.00		
9612157421	92.52	9612157432	129.53	100.00/65.00	104.00/100.00x2.00	70.00/66.00x2.00	98.50		
9612157422	92.16	9612157433	129.03	100.00/80.00	104.00/100.00x2.00	85.00/81.00x2.00	99.50		

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	25.31	9611305791	29.28	10.00	13.00/10.00x1.50	38.00	25.00			
9611305800	27.66	9611305801	32.05	15.00	19.00/16.00x1.50	44.00	25.00			
9611290011	30.04	9611290012	34.86	20.00	23.00/20.00x1.50	54.00	25.00			
9611301119	32.4	9611331119	37.66	25.00	29.00/26.00x1.50	63.00	31.00			
9611301121	39.44	9611331121	45.99	40.00	41.00/38.00x1.50	78.00	31.00			
9611301122	44.11	9611331122	51.53	50.00	41.00/38.00x1.50	92.00	33.00			
9611301123	63.37	9611331123	73.85	65.00	70.00/66.00x2.00	112.00	35.00			
9611301124	84.79	9611331124	98.99	80.00	85.00/81.00x2.00	127.00	35.00			
9611301126	126.06	9611331126	147.04	100.00	104.00/100.00x2.00	148.00	41.00			
					A	B	C	D	Nut, acc. to DIN 11851	
9611306420	10.76	9612150701	14	10.00	38.00	18.00	28.00x1/8	14.00		
9611306430	11.62	9612150702	15.1	15.00	44.00	18.00	34.00x1/8	25.00		
9611290021	12.47	9612150703	16.21	20.00	54.00	20.00	44.00x1/6	31.00		
3131800141	13.32	9612150704	17.33	25.00	63.00	21.00	52.00x1/6	36.00		
3131800143	15.88	9612150706	20.64	40.00	78.00	21.00	65.00x1/6	49.00		
3131800144	17.59	9612150707	22.87	50.00	92.00	22.00	78.00x1/6	62.00		
3131800145	26.54	9612150708	34.51	65.00	112.00	25.00	95.00x1/6	80.00		
3131800146	35.5	9612150710	46.14	80.00	127.00	29.00	110.00x1/4	94.00		
3131800148	54.05	9612150711	70.26	100.00	148.00	31.00	130.00x1/4	115.00		
					OD/ID x t	B	C	Male part, Acc. to DIN 11851, 2nd series		
9611305900	6.82	9611305901	8.87	10.00	13.00/10.00x1.50	17.00	28.00x1/8			
9611305910	7.68	9611305911	9.97	15.00	19.00/16.00x1.50	17.00	34.00x1/8			
9611290031	8.53	9611290032	11.09	20.00	23.00/20.00x1.50	19.00	44.00x1/6			
9611301087	9.38	9611331087	12.2	25.00	29.00/26.00x1.50	22.00	52.00x1/6			
9611301089	11.94	9611331089	15.52	40.00	41.00/38.00x1.50	22.00	65.00x1/6			
9611301090	13.64	9611331090	17.74	50.00	41.00/38.00x1.50	23.00	78.00x1/6			
9611301091	18.6	9611331091	24.17	65.00	70.00/66.00x2.00	25.00	95.00x1/6			
9611301092	24.73	9611331092	32.15	80.00	85.00/81.00x2.00	25.00	110.00x1/4			
9611301094	38.38	9611331094	49.89	100.00	104.00/100.00x2.00	30.00	130.00x1/4			
					OD/ID x t	A	B	Liner Acc. to DIN 11851, 2nd series		
9611305950	6.39	9611305951	8.3	10.00	13.00/10.00x1.50	22.00	13.00			
9611305960	6.97	9611305961	9.06	15.00	19.00/16.00x1.50	28.00	13.00			
9611290041	7.56	9611290042	9.83	20.00	23.00/20.00x1.50	36.00	13.00			
9611301095	8.14	9611331095	10.59	25.00	29.00/26.00x1.50	44.00	15.00			
9611301097	9.9	9611331097	12.88	40.00	41.00/38.00x1.50	56.00	15.00			
9611301098	11.08	9611331098	14.4	50.00	41.00/38.00x1.50	68.00	16.00			
9611301099	16.35	9611331099	21.26	65.00	70.00/66.00x2.00	86.00	17.00			
9611301100	22.59	9611331100	29.37	80.00	85.00/81.00x2.00	100.00	17.00			
9611301102	31.54	9611331102	41.01	100.00	104.00/100.00x2.00	121.00	20.00			

NOTE: Seal rings - please see later this chapter.

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

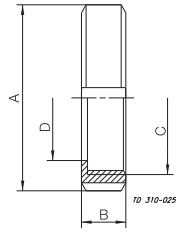
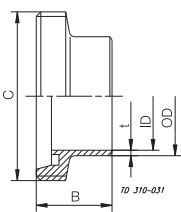
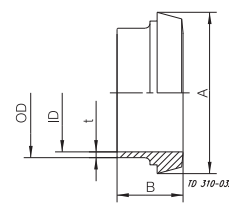
Product code: 5044

Finish: Mat
Seals: Nitrile
Thread: Round type

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	25.31	9611305793	30.1	10.00	13.00/10.00x1.50	38.00	25.00		
9611305802	27.66	9611305803	35.17	15.00	19.00/16.00x1.50	44.00	25.00		
9611290013	29.09	9611290014	34.86	20.00	23.00/20.00x1.50	54.00	25.00		
9611306742	32.4	9611306743	37.66	25.00	29.00/26.00x1.50	63.00	31.00		
9611306762	39.44	9611306763	45.99	40.00	41.00/38.00x1.50	78.00	31.00		
9611306772	44.11	9611306773	51.53	50.00	41.00/38.00x1.50	92.00	33.00		
9611306782	63.37	9611306783	73.85	65.00	70.00/66.00x2.00	112.00	35.00		
9611306792	84.79	9611306793	98.99	80.00	85.00/81.00x2.00	127.00	35.00		
9611306802	126.06	9611306803	147.04	100.00	104.00/100.00x2.00	148.00	41.00		
1.4307 (304L)		1.4404 (316L)		mm	A	B	C	D	Nut, acc. to DIN 11851
9611306421	10.76	9612150714	14.31	10.00	38.00	18.00	28.00x1/8	14.00	
9611306431	11.62	9612150715	15.1	15.00	44.00	18.00	34.00x1/8	25.00	
9611290022	12.47	9612150716	16.21	20.00	54.00	20.00	44.00x1/6	31.00	
9611307091	13.32	9612150717	17.33	25.00	63.00	21.00	52.00x1/6	36.00	
9611307111	15.88	9612150719	20.64	40.00	78.00	21.00	65.00x1/6	49.00	
9611307121	17.59	9612150720	22.87	50.00	92.00	22.00	78.00x1/6	62.00	
9611307131	26.54	9612150721	34.51	65.00	112.00	25.00	95.00x1/6	80.00	
9611307141	35.5	9612150723	46.14	80.00	127.00	29.00	110.00x1/4	94.00	
9611307151	54.05	9612150724	70.26	100.00	148.00	31.00	130.00x1/4	115.00	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	B	C		Male part, Acc. to DIN 11851, 2nd series
9611305902	6.82	9611305903	16.75	10.00	13.00/10.00x1.50	17.00	28.00x1/8		
9611305912	7.68	9611305913	15.6	15.00	19.00/16.00x1.50	17.00	34.00x1/8		
9611290033	12.55	9611290034	11.09	20.00	23.00/20.00x1.50	19.00	44.00x1/6		
9611306812	9.38	9611306813	12.2	25.00	29.00/26.00x1.50	22.00	52.00x1/6		
9611306832	11.94	9611306833	15.52	40.00	41.00/38.00x1.50	22.00	65.00x1/6		
9611306842	13.64	9611306843	17.74	50.00	41.00/38.00x1.50	23.00	78.00x1/6		
9611306852	18.6	9611306853	24.17	65.00	70.00/66.00x2.00	25.00	95.00x1/6		
9611306862	24.73	9611306863	32.15	80.00	85.00/81.00x2.00	25.00	110.00x1/4		
9611306872	38.38	9611306873	49.89	100.00	104.00/100.00x2.00	30.00	130.00x1/4		
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	A	B		Liner Acc. to DIN 11851, 2nd series
9611305952	6.39	9611305953	9.45	10.00	13.00/10.00x1.50	22.00	13.00		
9611305962	6.97	9611305963	7.2	15.00	19.00/16.00x1.50	28.00	13.00		
9611290043	6.79	9611290044	9.83	20.00	23.00/20.00x1.50	36.00	13.00		
9611306882	8.14	9611306883	10.59	25.00	29.00/26.00x1.50	44.00	15.00		
9611306902	9.9	9611306903	12.88	40.00	41.00/38.00x1.50	56.00	15.00		
9611306912	11.08	9611306913	14.4	50.00	41.00/38.00x1.50	68.00	16.00		
9611306922	16.35	9611306923	21.26	65.00	70.00/66.00x2.00	86.00	17.00		
9611306932	22.59	9611306933	29.37	80.00	85.00/81.00x2.00	100.00	17.00		
9611306942	31.54	9611306943	41.01	100.00	104.00/100.00x2.00	121.00	20.00		

NOTE: Seal rings - please see later this chapter.

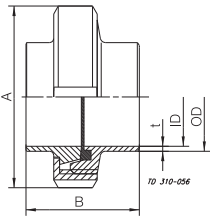
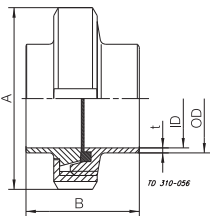
NOTE: For pressure and surface, please see product leaflet.

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	10.76	9612150701	14	10.00	38.00	18.00	28.00x1/8	14.00	
9611306430	11.62	9612150702	15.1	15.00	44.00	18.00	34.00x1/8	25.00	
9611290021	12.47	9612150703	16.21	20.00	54.00	20.00	44.00x1/6	31.00	
3131800141	13.32	9612150704	17.33	25.00	63.00	21.00	52.00x1/6	36.00	
3131800143	15.88	9612150706	20.64	40.00	78.00	21.00	65.00x1/6	49.00	
3131800144	17.59	9612150707	22.87	50.00	92.00	22.00	78.00x1/6	62.00	
3131800145	26.54	9612150708	34.51	65.00	112.00	25.00	95.00x1/6	80.00	
3131800146	35.5	9612150710	46.14	80.00	127.00	29.00	110.00x1/4	94.00	
3131800148	54.05	9612150711	70.26	100.00	148.00	31.00	130.00x1/4	115.00	
9611306450	102.01	9612150712	132.62	125.00	178.00	34.00	160.00x1/4	138.00	
9611306460	149.99	*		150.00	210.00	40.00	190.00x1/4	164.00	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t		B	C	Male part, long. Acc. to DIN 11851, 2nd series
9611306100	7.17	9611306101	9.32	10.00	13.00/10.00x1.50		21.00	28.00x1/8	
9611306110	8.06	9611306111	10.48	15.00	19.00/16.00x1.50		21.00	34.00x1/8	
9611290081	8.95	9611290082	11.64	20.00	23.00/20.00x1.50		24.00	44.00x1/6	
9611301103	9.85	9611331103	12.8	25.00	29.00/26.00x1.50		29.00	52.00x1/6	
9611301105	12.53	9611331105	16.3	40.00	41.00/38.00x1.50		33.00	65.00x1/6	
9611301106	14.33	9611331106	18.63	50.00	41.00/38.00x1.50		35.00	78.00x1/6	
9611301107	19.52	9611331107	25.39	65.00	70.00/66.00x2.00		40.00	95.00x1/6	
9611301108	25.97	9611331108	33.76	80.00	85.00/81.00x2.00		45.00	110.00x1/4	
9611301110	40.3	9611331110	52.38	100.00	104.00/100.00x2.00		54.00	130.00x1/4	
9611306130	67.16	9611306131	87.31	125.00	129.00/125.00x2.00		46.00	160.00x1/4	
9611306140	98.5	9611306141	128.04	150.00	154.00/150.00x2.00		50.00	190.00x1/4	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t		A	B	Liner, long. Acc. to DIN 11851, 2nd series
9611306150	6.71	9611306151	8.72	10.00	13.00/10.00x1.50		22.00	17.00	
9611306160	7.32	9611306161	9.52	15.00	19.00/16.00x1.50		28.00	17.00	
9611290091	7.94	9611290092	10.32	20.00	23.00/20.00x1.50		36.00	18.00	
9611301111	8.55	9611331111	11.12	25.00	29.00/26.00x1.50		44.00	22.00	
9611301113	10.39	9611331113	13.52	40.00	41.00/38.00x1.50		56.00	26.00	
9611301114	11.63	9611331114	15.11	50.00	41.00/38.00x1.50		68.00	28.00	
9611301115	17.17	9611331115	22.32	65.00	70.00/66.00x2.00		86.00	32.00	
9611301116	23.72	9611331116	30.83	80.00	85.00/81.00x2.00		100.00	37.00	
9611301118	33.12	9611331118	43.06	100.00	104.00/100.00x2.00		121.00	44.00	
9611306180	83.49	9611306181	108.54	125.00	129.00/125.00x2.00		150.00	44.00	
9611306190	133.86	9611306191	174.01	150.00	154.00/150.00x2.00		176.00	47.00	

* On request

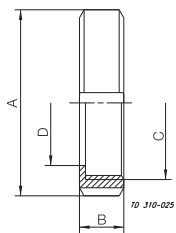
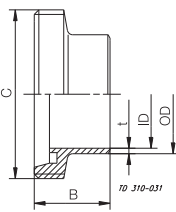
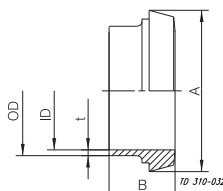
NOTE: Seal rings - please see later this chapter.

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

Material Item No.	PPL EUR	Size DN	Dimension (mm)			
1.4307 (304L) - NBR		mm	OD/ID x t	A	B	Union, long. Acc. to DIN 11851, 2nd series
9612151313	25.98	10.00	13.00/10.00x1.50	38.00	34.00	
9612151314	28.4	15.00	19.00/16.00x1.50	44.00	34.00	
9612151315	30.84	20.00	23.00/20.00x1.50	54.00	36.00	
9612151316	33.27	25.00	29.00/26.00x1.50	63.00	45.00	
9612151318	40.52	40.00	41.00/38.00x1.50	78.00	53.00	
9612151319	45.34	50.00	41.00/38.00x1.50	92.00	57.00	
9612151320	65.11	65.00	70.00/66.00x2.00	112.00	65.00	
9612151321	87.16	80.00	85.00/81.00x2.00	127.00	75.00	
9612151322	129.56	100.00	104.00/100.00x2.00	148.00	89.00	
9612151323	295.22	125.00	129.00/125.00x2.00	178.00	70.00	
9612151324	458.32	150.00	154.00/150.00x2.00	210.00	76.00	
1.4307 (304L) - EPDM		mm	OD/ID x t	A	B	Union, long. Acc. to DIN 11851, 2nd series
9612151325	26.74	10.00	13.00/10.00x1.50	38.00	34.00	
9612151326	29.13	15.00	19.00/16.00x1.50	44.00	34.00	
9612151327	31.53	20.00	23.00/20.00x1.50	54.00	36.00	
9612151328	33.95	25.00	29.00/26.00x1.50	63.00	45.00	
9612151330	41.08	40.00	41.00/38.00x1.50	78.00	53.00	
9612151331	45.84	50.00	41.00/38.00x1.50	92.00	57.00	
9612151332	65.93	65.00	70.00/66.00x2.00	112.00	65.00	
9612151333	88.83	80.00	85.00/81.00x2.00	127.00	75.00	
9612151334	132.12	100.00	104.00/100.00x2.00	148.00	89.00	
9612151335	356.17	125.00	129.00/125.00x2.00	178.00	70.00	
9612151336	391.65	150.00	154.00/150.00x2.00	210.00	76.00	

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	10.76	9612150714	14.31	10.00	38.00	18.00	28.00x1/8	19.00	
9611306431	11.62	9612150715	15.1	15.00	44.00	18.00	34.00x1/8	25.00	
9611290022	12.47	9612150716	16.21	20.00	54.00	20.00	44.00x1/6	31.00	
9611307091	13.32	9612150717	17.33	25.00	63.00	21.00	52.00x1/6	36.00	
9611307111	15.88	9612150719	20.64	40.00	78.00	21.00	65.00x1/6	49.00	
9611307121	17.59	9612150720	22.87	50.00	92.00	22.00	78.00x1/6	62.00	
9611307131	26.54	9612150721	34.51	65.00	112.00	25.00	95.00x1/6	80.00	
9611307141	35.5	9612150723	46.14	80.00	127.00	29.00	110.00x1/4	94.00	
9611307151	54.05	9612150724	70.26	100.00	148.00	31.00	130.00x1/4	115.00	
9611306451	102.01	*		125.00	178.00	34.00	160.00x1/4	138.00	
9611306461	149.99	*		150.00	210.00	40.00	190.00x1/4	164.00	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t		B	C	Male part, long. Acc. to DIN 11851, 2nd series
9611306102	7.17	9611306103	9.32	10.00	13.00/10.00x1.50		21.00	28.00x1/8	
9611306112	8.06	9611306113	10.48	15.00	19.00/16.00x1.50		21.00	34.00x1/8	
9611290083	8.95	9611290084	11.64	20.00	23.00/20.00x1.50		24.00	44.00x1/6	
9611306952	9.85	9611306953	12.8	25.00	29.00/26.00x1.50		29.00	52.00x1/6	
9611306972	12.53	9611306973	16.3	40.00	41.00/38.00x1.50		33.00	65.00x1/6	
9611306982	14.33	9611306983	18.63	50.00	41.00/38.00x1.50		35.00	78.00x1/6	
9611306992	19.52	9611306993	25.39	65.00	70.00/66.00x2.00		40.00	95.00x1/6	
9611307002	25.97	9611307003	33.76	80.00	85.00/81.00x2.00		45.00	110.00x1/4	
9611307012	40.3	9611307013	52.38	100.00	104.00/100.00x2.00		54.00	130.00x1/4	
9611306132	104.94	9611306133	136.42	125.00	129.00/125.00x2.00		46.00	160.00x1/4	
9611306142	98.5	9611306143	128.04	150.00	154.00/150.00x2.00		50.00	190.00x1/4	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t		A	B	Liner, long. Acc. to DIN 11851, 2nd series
9611306152	6.71	9611306153	8.72	10.00	13.00/10.00x1.50		22.00	17.00	
9611306162	7.32	9611306163	9.52	15.00	19.00/16.00x1.50		28.00	17.00	
9611290093	7.94	9611290094	10.32	20.00	23.00/20.00x1.50		36.00	18.00	
9611307022	8.55	9611307023	11.12	25.00	29.00/26.00x1.50		44.00	22.00	
9611307042	10.39	9611307043	13.52	40.00	41.00/38.00x1.50		56.00	26.00	
9611307052	11.63	9611307053	15.11	50.00	41.00/38.00x1.50		68.00	28.00	
9611307062	17.17	9611307063	22.32	65.00	70.00/66.00x2.00		86.00	32.00	
9611307072	23.72	9611307073	30.83	80.00	85.00/81.00x2.00		100.00	37.00	
9611307082	33.12	9611307083	43.06	100.00	104.00/100.00x2.00		121.00	44.00	
9611306182	83.49	9611306183	108.54	125.00	129.00/125.00x2.00		150.00	44.00	
9611306192	133.86	9611306193	174.01	150.00	154.00/150.00x2.00		176.00	47.00	

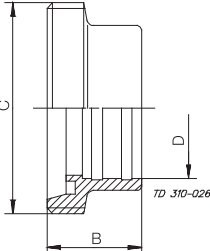
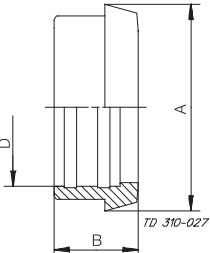
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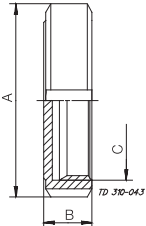
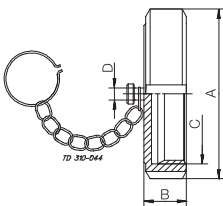
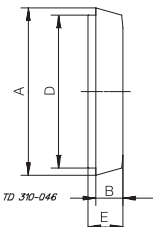
NOTE: Seal rings - please see later this chapter.

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

Product code: 5044

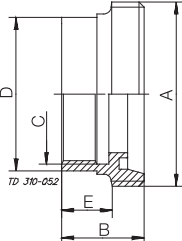
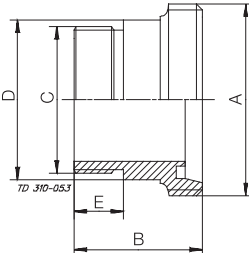
Finish: See below
 Seals: Nitrile
 Thread: Round type
 Connections: Expanding ends

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	Male part
3131800391	9.38	9611306602	22.17	25.00		29.00	52.00x1/6	28.20	
3131800393	11.94	9611306622	27.19	40.00		33.00	65.00x1/6	40.20	
3131800394	13.64	9611306632	27.96	50.00		35.00	78.00x1/6	52.20	
3131800395	18.6	9611306642	53.54	65.00		40.00	95.00x1/6	70.30	
3131800396	24.73	9611306652	85.17	80.00		45.00	110.00x1/4	85.30	
3131800398	38.38	9611306662	133.09	100.00		54.00	130.00x1/4	104.30	
Liner									
3131800151	8.14	9611306672	12.81	25.00	44.00	22.00		28.20	
3131800153	9.9	9611306692	22.99	40.00	56.00	26.00		40.20	
3131800154	11.08	9611306702	23.31	50.00	68.00	28.00		52.20	
3131800155	16.35	9611306712	41.24	65.00	86.00	32.00		70.30	
3131800156	22.59	9611306722	33.88	80.00	100.00	37.00		85.30	
3131800158	31.54	9611306732	93.94	100.00	121.00	44.00		104.30	

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	16.71	9612152201	19.5	10.00	38.00	18.00	28.00x1/8		
9611291281	17.8	9612152202	20.77	15.00	44.00	18.00	34.00x1/8		
9611291291	18.89	9612152203	22.05	20.00	54.00	21.00	44.00x1/6		
9611291301	19.98	9612152204	23.32	25.00	63.00	21.00	52.00x1/6		
9611291321	23.25	9612152206	27.13	40.00	78.00	21.00	65.00x1/6		
9611291331	49.05	9612152207	57.22	50.00	92.00	22.00	78.00x1/6		
9611291341	62.67	9612152208	73.11	65.00	112.00	25.00	95.00x1/6		
9611291351	140.23	9612152209	163.6	80.00	127.00	29.00	110.00x1/4		
9611291371	188.92	9612152210	220.4	100.00	148.00	31.00	130.00x1/4		
9611291381	249.77	9612152211	291.39	125.00	178.00	34.00	160.00x1/4		
9611291391	326.97	9612152212	381.46	150.00	210.00	40.00	190.00x1/4		
End cap with chain and NBR seal disc									
9611291411	16.95	9612152301	19.77	10.00	38.00	18.00	28.00x1/8	8.00	
9611291421	18.04	9612152302	21.06	15.00	44.00	18.00	34.00x1/8	8.00	
9611291431	19.16	9612152303	22.35	20.00	54.00	21.00	44.00x1/6	8.00	
9611291441	20.27	9612152304	23.64	25.00	63.00	21.00	52.00x1/6	8.00	
9611291461	23.58	9612152306	27.51	40.00	78.00	21.00	65.00x1/6	8.00	
9611291471	49.74	9612152307	58.02	50.00	92.00	22.00	78.00x1/6	8.00	
9611291481	63.55	9612152308	74.14	65.00	112.00	25.00	95.00x1/6	8.00	
9611291491	142.21	9612152309	165.91	80.00	127.00	29.00	110.00x1/4	8.00	
9611291511	191.57	9612152310	223.5	100.00	148.00	31.00	130.00x1/4	8.00	
9611291521	253.28	9612152311	295.5	125.00	178.00	34.00	160.00x1/4	8.00	
9611291531	331.57	9612152312	386.83	150.00	210.00	40.00	190.00x1/4	8.00	
1.4307 (304L)		1.4404 (316L)		mm	A	B	D	E	Blank
9611306470	12.04	9612152413	18.34	10.00	22.00	6.00	18.00	9.00	
9611306480	12.67	9612152414	19.27	15.00	28.00	6.00	24.00	9.00	
9611291111	13.28	9612152415	20.21	20.00	36.50	8.00	30.00	11.00	
3131800351	13.9	9612152416	21.16	25.00	44.00	10.00	35.00	13.00	
3131800353	15.76	9612152418	23.97	40.00	56.00	10.00	48.00	13.00	
3131800354	16.99	9612152419	25.86	50.00	68.50	11.00	61.00	14.00	
3131800355	21.32	9612152420	32.44	65.00	86.00	12.00	79.00	16.00	
9611306490	26.87	9612152421	40.9	75.00	93.70	12.00	86.00	16.00	
3131800356	31	9612152422	47.17	80.00	100.00	12.00	93.00	16.00	
3131800358	50.98	9612152423	77.57	100.00	121.00	15.00	114.00	20.00	
9611306500	159.1	9612152424	242.11	125.00	150.00	17.00	137.00	22.00	
9611306510	311.71	9612152425	474.33	150.00	176.00	18.00	163.00	24.00	

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)					
1.43017 (304)		mm	A	B	C	D	E	Adapter, male to BSP female
9611305190	53.88	10.00	28.00x1/8	30.00	3/8"	19.00	14.00	
9611305200	75.61	15.00	34.00x1/8	30.00	1/2"	24.00	14.00	
9612152037	75.62	20.00	44.00x1/6	30.00	3/4"	30.00	14.00	
9611305210	75.62	25.00	52.00x1/6	35.00	1"	41.00	20.00	
9611305230	104.83	40.00	65.00x1/6	35.00	1 1/2"	50.00	20.00	
9611305240	116.48	50.00	78.00x1/6	35.00	2"	65.00	20.00	
9611305250	134.41	65.00	95.00x1/6	38.00	2 1/2"	80.00	22.00	
9611305270	347.22	80.00	110.00x1/4	43.00	3"	95.00	25.00	
9611305280	403.21	100.00	130.00x1/4	50.00	4"	117.00	30.00	
Adapter, male to BSP male								
9611305310	44.8	10.00	28.00x1/8	40.00	3/8"	19.00	14.00	
9611305320	50.4	15.00	34.00x1/8	40.00	1/2"	24.00	14.00	
9612152137	56.01	20.00	44.00x1/6	42.00	3/4"	30.00	14.00	
9611305330	61.6	25.00	52.00x1/6	48.00	1"	41.00	20.00	
9611305350	71.69	40.00	65.00x1/6	50.00	1 1/2"	50.00	20.00	
9611305360	76.1	50.00	78.00x1/6	52.00	2"	65.00	20.00	
9611305370	145.61	65.00	95.00x1/6	56.00	2 1/2"	80.00	22.00	
9611305390	224.01	80.00	110.00x1/4	66.00	3"	95.00	25.00	
9611305400	443	100.00	130.00x1/4	72.00	4"	117.00	30.00	

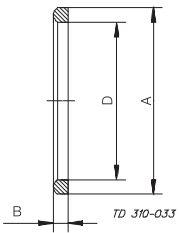
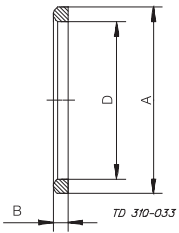
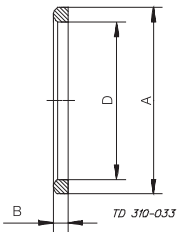
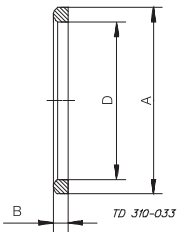
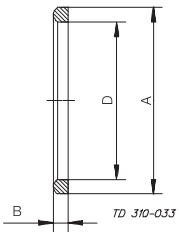
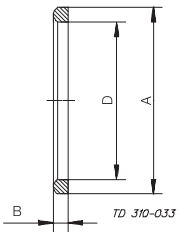
Material Item No.	PPL EUR	Size DN	Dimension (mm)				
1.4301 (304)		mm	A	B	C	D	Hose liner, beer
9612157704	64.47	25.00	80.00	63.00	24.00	27.00	
9612157706	74.9	40.00	105.00	84.00	32.00	43.00	
9612157707	90.93	50.00	120.00	97.00	45.00	53.00	
9612157708	99.02	65.00	140.00	113.00	60.00	68.00	
9612157709	186.37	80.00	160.00	132.00	74.00	83.00	
9612157710	232.97	100.00	180.00	141.00	93.00	103.00	
							Hose liner
9612157502	46.59	15.00	63.00	19.5	16.00		
9612157503	70.57	20.00	63.00	23.5	20.00		
9612157504	81.54	25.00	75.00	30.00	26.00		
9612157506	93.19	40.00	95.00	43.00	38.00		
9612157507	104.83	50.00	106.00	55.00	50.00		
9612157508	110.39	65.00	117.00	73.00	66.00		
9612157509	116.48	80.00	127.00	89.00	81.00		
9612157510	151.43	100.00	140.00	108.00	100.00		

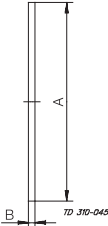
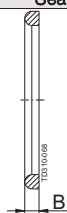
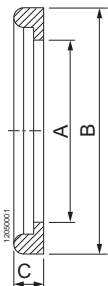
NOTE: Seal rings - please see later this chapter.

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

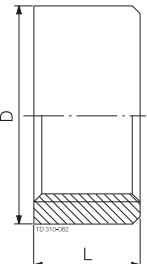
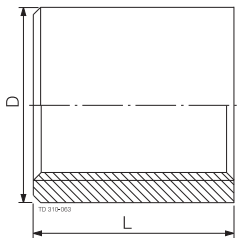
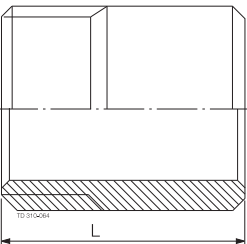
Product code: 5044

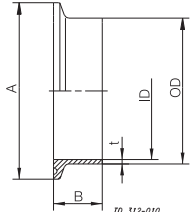
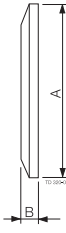
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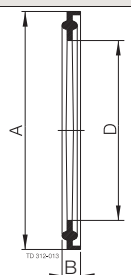
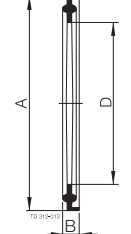
Item No.	PPL EUR	Item No.	PPL EUR	Size DN	Dimension (mm)			
NBR		FPM		mm	A	B	D	Seal ring
52734601	1.34	9611991861	4.01	10.00	20.00	4.50	12.00	
52734602	1.4	9611991862	4.27	15.00	26.00	4.50	18.00	
52734603	1.48	9611991863	4.37	20.00	33.00	4.50	23.00	
52734604	1.55	9611991864	4.49	25.00	40.00	5.00	30.00	
52734606	1.72	9611991866	5.36	40.00	52.00	5.00	42.00	
52734607	1.8	9611991867	5.65	50.00	64.00	5.00	54.00	
52734608	1.88	9611991868	10.54	65.00	81.00	5.00	71.00	
9611991264	4.06	9611991869	33.78	75.00	88.00	5.00	78.00	
52734609	1.98	9611991128	10.08	80.00	95.00	5.00	85.00	
52734611	2.09	9611991870	16.73	100.00	114.00	6.00	104.00	
9611991265	4.78	9611991871	29.12	125.00	142.00	7.00	130.00	
9611991266	6.27	9611991872	33.78	150.00	167.00	7.00	155.00	
EPDM		Silicone (Q)		mm	A	B	D	Seal ring
9611991267	2.1	9611991917	1.11	10.00	20.00	4.50	12.00	
9611991268	2.13	9611991918	1.26	15.00	26.00	4.50	18.00	
9611991323	2.17	9611991919	1.31	20.00	33.00	4.50	23.00	
9611991269	2.23	9611991920	1.39	25.00	40.00	5.00	30.00	
9611991271	2.28	9611991922	1.72	40.00	52.00	5.00	42.00	
9611991272	2.3	9611991923	2.46	50.00	64.00	5.00	54.00	
9611991273	2.69	9611991924	2.84	65.00	81.00	5.00	71.00	
9611991274	2.78	9611991925	4.41	75.00	88.00	5.00	78.00	
9611991275	3.64	9611991926	4.63	80.00	95.00	5.00	85.00	
9611991276	4.65	9611991927	4.83	100.00	114.00	6.00	104.00	
9611991277	9.19	9611991928	14.41	125.00	142.00	7.00	130.00	
9611991278	9.31	9611991929	18.17	150.00	167.00	7.00	155.00	
PTFE				mm	A	B	D	Seal ring
9611991873	3.39			10.00	20.00	4.50	12.00	
9611991874	3.54			15.00	26.00	4.50	18.00	
9611991875	4.63			20.00	33.00	4.50	23.00	
9611991876	5.02			25.00	40.00	5.00	30.00	
9611991878	6.07			40.00	52.00	5.00	42.00	
9611991879	6.62			50.00	64.00	5.00	54.00	
9611991880	11.82			65.00	81.00	5.00	71.00	
9611991881	26.92			75.00	88.00	5.00	78.00	
9611991882	28.45			80.00	95.00	5.00	85.00	
9611991883	30.41			100.00	114.00	6.00	104.00	
9611991884	32.75			125.00	142.00	7.00	130.00	
9611991885	29.12			150.00	167.00	7.00	155.00	

Item No.	PPL EUR	Item No.	PPL EUR	Size DN	Dimension (mm)		
NBR		EPDM		mm	A	B	Seal disc
9611291131	1.4			10.00	28.00	3.00	
9611291141	2.01			15.00	34.00	3.00	
9611291151	2.12			20.00	44.00	3.00	
9611291161	2.22			25.00	52.00	3.00	
9611291181	2.46			40.00	65.00	3.00	
9611291191	2.57			50.00	78.00	3.00	
9611291201	2.69			65.00	95.00	3.00	
9611291221	4.73			80.00	110.00	3.00	
9611291241	10.91			100.00	130.00	3.00	
9611291251	28.4			125.00	160.00	3.00	
9611291261	16.31			150.00	190.00	3.00	
Seal ring, 8 mm							
9611991838	2.93	9611991851	4.57	25.00		8.00	
9611991840	2.67	9611991853	5.04	40.00		8.00	
9611991841	3.49	9611991854	5.31	50.00		8.00	
9611991842	4.66	9611991855	5.44	65.00		8.00	
9611991843	15.09	9611991856	11.13	75.00		8.00	
9611991844	3.1	9611991857	5.7	80.00		8.00	
9611991845	3.24	9611991858	5.8	100.00		8.00	
Seal ring							
		9611900253	1.52	10.00	20.00	5.00	
		9611900254	1.82	15.00	26.00	5.00	
		9611900255	1.86	20.00	33.00	5.00	
		9611900256	1.94	25.00	40.00	6.00	
		9611900258	2.23	40.00	52.00	6.00	
		9611900259	2.39	50.00	64.00	6.00	
		9611900260	2.55	65.00	81.00	6.00	
		9611900261	2.71	80.00	88.00	6.00	
		9611900262	3.61	90.00	95.00	6.00	
		9611900263	3.71	100.00	104.00	6.00	
		9611900264	11.07	125.00	142.00	7.00	
		9611900265	11.65	150.00	167.00	7.00	

Sockets and male parts
Product code: 5044

Material Item No.	PPL EUR	Size DN	Dimension (mm)		
1.4404 (316L)		mm	D	L	Half socket
9611295663	3.15	1/8	14.00	7.50	
9611295673	6.99	1/4	18.00	11.00	
9611295683	9.32	3/8	21.30	11.50	
9611295693	10.49	1/2	26.40	15.00	
9611295703	12.81	3/4	31.80	16.50	
9611295713	14.49	1	39.50	19.00	
9611295723	16.31	1 1/4	48.30	21.50	
9611295733	18.64	1 1/2	54.50	21.50	
9611295743	25.63	2	66.30	26.00	
9611295753	46.59	2 1/2	82.00	30.00	
9611295763	52.38	3	95.00	33.00	
					Socket
9611295443	5.82	1/8	14.00	17.00	
9611295453	8.15	1/4	18.00	25.00	
9611295463	9.9	3/8	21.30	26.00	
9611295473	10.49	1/2	26.40	34.00	
9611295483	11.65	3/4	31.80	36.00	
9611295493	13.98	1	39.50	43.00	
9611295503	16.31	1 1/4	48.30	48.00	
9611295513	20.97	1 1/2	54.50	48.00	
9611295523	34.94	2	66.30	56.00	
9611295533	61.6	2 1/2	82.00	65.00	
9611295543	93.19	3	95.00	71.00	
1.4571 (316Ti)					Welding male part
9611295884	5.82	1/8		30.00	
9611295894	6.99	1/4		30.00	
9611295904	9.32	3/8		30.00	
9611295914	11.65	1/2		35.00	
9611295924	13.98	3/4		40.00	
9611295934	16.31	1		40.00	
9611295944	18.64	1 1/4		50.00	
9611295954	20.97	1 1/2		50.00	
9611295964	25.63	2		55.00	
9611295974	34.94	2 1/2		60.00	
9611295984	46.59	3		65.00	

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	Clamp ferrule, acc. to DIN 32676
9612156101	12.53	9612156121	16.3	10.00	13.00/10.00x1.50	34.00	18.00	
9612156102	12.83	9612156122	16.68	15.00	19.00/16.00x1.50	34.00	18.00	
9612156103	13.14	9612156123	17.07	20.00	23.00/20.00x1.50	34.00	18.00	
9612156104	13.42	9612156124	17.45	25.00	29.00/26.00x1.50	50.50	21.50	
9612156106	14.31	9612156126	18.61	40.00	41.00/38.00x1.50	50.50	21.50	
9612156107	14.89	9612156127	19.35	50.00	41.00/38.00x1.50	64.00	21.50	
9612156108	22.67	9612156128	29.47	65.00	70.00/66.00x2.00	91.00	28.00	
9612156109	33.17	9612156129	43.11	80.00	85.00/81.00x2.00	106.00	28.00	
9612156110	48.61	9612156130	63.18	100.00	104.00/100.00x2.00	119.00	28.00	
9612156141	137.91	9612156145	179.29	125.00	129.00/125.00x2.00	155.00	28.00	
9612156142	156.31	9612156146	203.2	150.00	154.00/150.00x2.00	183.00	28.00	
Clamp ferrule, acc. to DIN 32676								
		9612935302	18.34	10.00		34.00	6.00	
		9612935302	18.34	15.00		34.00	6.00	
		9612935302	18.34	20.00		34.00	6.00	
		9612935303	21.16	25.00		50.50	6.00	
		9612935303	21.16	40.00		50.50	6.00	
		9612935304	25.86	50.00		64.00	6.00	
		9612935305	32.44	65.00		91.00	7.00	
		9612935306	47.17	80.00		106.00	8.00	
		9612935307	77.57	100.00		119.00	8.00	
		9612935308	242.11	125.00		155.00	12.00	
		9612935301	474.33	150.00		183.00	12.00	

Item No.	PPL EUR	Item No.	PPL EUR	Item No.	PPL EUR	Size DN	Dimension (mm)			
EPDM		NBR		FPM		mm	A	B	D	Seal ring
9611992009	8.69	9611991999	9.3	9611994182	34.94	10.00	36.20	5.50	10.20	
9611992010	7.2	9611992000	9.3	9611994183	26.24	15.00	36.20	5.50	16.20	
9611992011	7.52	9611992001	4.92	9611994184	38.44	20.00	36.20	5.50	20.20	
9611992012	4.39	9611992002	5.02	9611994185	28.31	25.00	52.70	5.50	26.20	
9611992014	4.77	9611992004	5.95	9611994187	36.23	40.00	52.70	5.50	38.20	
9611992015	4.93	9611992005	6.25	9611994188	52.73	50.00	66.20	5.50	50.20	
9611992016	7.1	9611992006	8.22	9611994189	48.94	65.00	93.20	5.50	66.20	
9611992017	7.37	9611992007	11.32	9611994190	56.82	80.00	108.20	5.50	81.20	
9611992018	7.52	9611992008	16.31	9611994191	60.06	100.00	121.20	5.50	100.20	
9611993205	11.42	*		9611995100	268.94	125.00	157.20	5.50	125.20	
9611993206	19.8	*		9611993210	219.35	150.00	185.20	5.50	150.20	
PTFE						mm	A	B	D	Seal ring
9611992019	76.47					10.00	36.20	5.10	10.00	
9611992020	60.58					15.00	36.20	5.10	16.00	
9611992021	62.91					20.00	36.20	5.10	20.00	
9611992022	65.23					25.00	52.70	5.10	26.00	
9611992024	72.22					40.00	52.70	5.10	38.00	
9611992025	74.56					50.00	66.20	5.10	50.00	
9611992026	88.19					65.00	93.20	5.10	66.00	
9611992027	106.24					80.00	108.20	5.10	81.00	
9611992028	129.65					100.00	121.20	5.10	100.00	

* On request

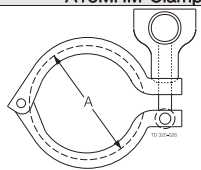
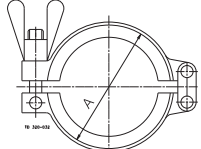
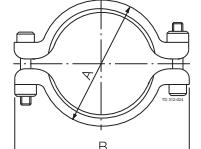
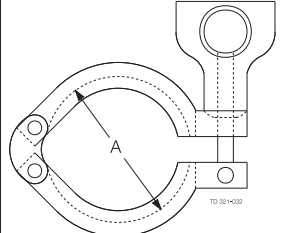
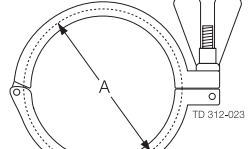
NOTE: For pressure and surface, please see product leaflet.

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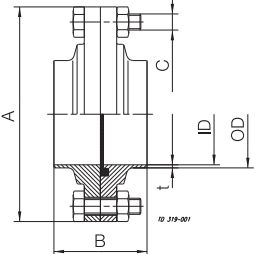
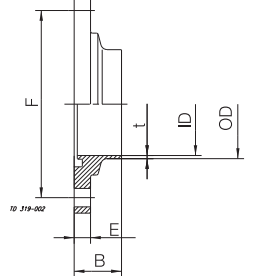
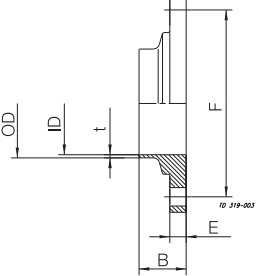


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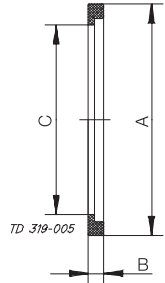
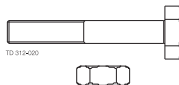
1-800-361-5361

Item No.	PPL EUR	Size DN	Dimension (mm)			
1.4301 (304)		mm	A	B	C	A13MHM Clamp ring
211053	29.15	25.00-40.00	54.00			
211054	35.52	50.00	67.10			
211056	44.73	65.00	94.50			
211057	54.29	100.00	122.20			
Clamp ring						
9611993113	33.68	10.00-15.00-20.00	37.00			
9611993114	59.29	80.00	109.00			
9611993203	341.8	125.00	159.00			
9611993204	417.34	150.00	187.00			
Clamp ring (Allen Screws)						
9611311051	13.08	25.00-40.00	58.50	85.50		
9611311052	13.08	50.00	72.00	99.00		
9611311054	17.53	65.00	99.00	126.00		
9611311055	17.79	100.00	127.00	154.00		
1.4301 (304)						13MHM
212195	39.93	25.00-40.00	54.00			
212196	45.13	50.00	67.50			
212198	59.89	65.00	94.50			
212199	72.66	100.00	122.60			
Clamp ring, wingnut						
9611994458	33.68	10.00-20.00	37.50			
9611994453	33.7	25.00-40.00	54.00			
9611994454	41.05	50.00	67.50			
9611994456	63.72	65.00	94.50			
9611994459	59.29	80.00	109.50			
9611994457	72.22	100.00	122.60			

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

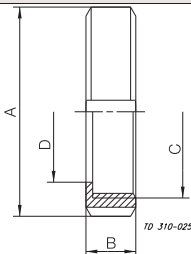
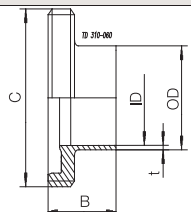
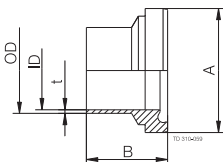
Material Item No.	PPL EUR	Size DN	Pressure class	Dimension (mm)				
1.4404 (316L)		mm	PN (bar)	OD/ID x t	A	B	C	Complete flange
9612498701	79.82	25.00	16	29.00/26.00x1.50	79.00	50.00	4 x M8	
9612498703	102.74	40.00	16	41.00/38.00x1.50	87.00	50.00	4 x M8	
9612498704	116.66	50.00	16	41.00/38.00x1.50	106.00	50.00	4 x M8	
9612498705	141.03	65.00	10	70.00/66.00x2.00	125.00	50.00	4 x M8	
9612498706	175.93	80.00	10	85.00/81.00x2.00	140.00	50.00	8 x M8	
9612498707	325.84	100.00	10	104.00/100.00x2.00	160.00	50.00	8 x M8	
9612498708	582.1	125.00	10	129.00/125.00x2.00	190.00	60.00	8 x M10	
9612498709	1089.39	150.00	10	154.00/150.00x2.00	215.00	60.00	8 x M10	
1.4404 (316L)		mm	PN (bar)	OD/ID x t	B	E	F	Flange with O-ring groove
9612493001	36.04	25.00	16	29.00/26.00x1.50	25.00	10.00	64.00	
9612493003	46.43	40.00	16	41.00/38.00x1.50	25.00	10.00	72.00	
9612493004	53.35	50.00	16	41.00/38.00x1.50	25.00	10.00	91.00	
9612493005	65.49	65.00	10	70.00/66.00x2.00	25.00	10.00	110.00	
9612493006	81.07	80.00	10	85.00/81.00x2.00	25.00	10.00	125.00	
9612493007	155.91	100.00	10	104.00/100.00x2.00	25.00	10.00	143.00	
9612493008	280.84	125.00	10	129.00/125.00x2.00	30.00	15.00	171.00	
9612493009	531.32	150.00	10	154.00/150.00x2.00	30.00	15.00	196.00	
								Flange without O-ring groove
9612492901	36.04	25.00	16	29.00/26.00x1.50	25.00	10.00	64.00	
9612492903	46.43	40.00	16	41.00/38.00x1.50	25.00	10.00	72.00	
9612492904	53.35	50.00	16	41.00/38.00x1.50	25.00	10.00	91.00	
9612492905	65.49	65.00	10	70.00/66.00x2.00	25.00	10.00	110.00	
9612492906	81.07	80.00	10	85.00/81.00x2.00	25.00	10.00	125.00	
9612492907	155.91	100.00	10	104.00/100.00x2.00	25.00	10.00	143.00	
9612492908	280.84	125.00	10	129.00/125.00x2.00	30.00	15.00	171.00	
9612492909	531.32	150.00	10	154.00/150.00x2.00	30.00	15.00	196.00	

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

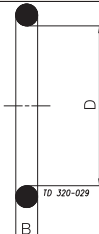
Item No.	PPL EUR	Item No.	PPL EUR	Item No.	PPL EUR	Size DN	Dimension (mm)			
EPDM		Silicone (Q)		FPM		mm	A	B	C	Flange seal
9612402601	2.62	9612402611	5.4	9612402621	6.73	DN25	37.20	4.10	27.40	
9612402603	4.76	9612402613	5.57	9612402623	9.9	DN40	49.20	4.10	39.40	
9612402604	4.83	9612402614	5.73	9612402624	16.16	DN50	61.20	4.10	51.40	
9612402605	4.93	9612402615	8.26	9612402625	16.96	DN65	77.20	4.10	67.40	
9612402606	5.99	9612402616	11.77	9612402626	17.82	DN80	92.20	4.10	82.40	
9612402607	6.23	9612402617	16.46	9612402627	18.71	DN100	111.20	4.10	101.40	
9612402608	9.84	9612402618	13.98	9612402628	19.65	DN125	136.20	4.10	126.40	
9612402609	16.18	9612402619	38.41	9612402629	37.2	DN150	161.20	4.10	151.40	
				Flange size		Screws	Nut		Screws and nut set	
		9612499301	5.13	DN 25-65		4xM8x30	4xM8			
		9612499302	7.8	DN 80-100		8xM8x30	8xM8			
		9612499303	10.58	DN 125-150		8xM10x40	8xM10			

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

Thread: Round type

Item No.	PPL EUR	Size DN	Dimension (mm)				
1.4301 (304)		mm	A	B	C	D	Nut acc. to DIN 11851
Product code: 5044							
3131800141	13.32	25.00	63.00	21.00	52.00x1/6	36.00	
3131800143	15.88	40.00	78.00	21.00	65.00x1/6	49.00	
3131800144	17.59	50.00	92.00	22.00	78.00x1/6	62.00	
3131800145	26.54	65.00	112.00	25.00	95.00x1/6	80.00	
3131800146	35.5	80.00	127.00	29.00	110.00x1/4	94.00	
3131800148	54.05	100.00	148.00	31.00	130.00x1/4	115.00	
1.4404 (316L) H3		mm	OD/ID x t		B	C	Male part acc. to DIN 11853
Product code: 5057							
9612928834	21.94	25.00	29.00/26.00x1.50		26.00	52.00x1/6	
9612928836	27.94	40.00	41.00/38.00x1.50		31.00	65.00x1/6	
9612928837	31.93	50.00	41.00/38.00x1.50		31.00	78.00x1/6	
9612928838	43.5	65.00	70.00/66.00x2.00		36.00	95.00x1/6	
9612928839	57.88	80.00	85.00/81.00x2.00		42.00	110.00x1/4	
9612928840	89.8	100.00	104.00/100.00x2.00		50.00	130.00x1/4	
1.4404 (316L) H3		mm	OD/ID x t		A	B	Liner acc. to DIN 11853
9612928844	17.79	25.00	29.00/26.00x1.50		42.90	22.00	
9612928846	21.63	40.00	41.00/38.00x1.50		54.90	26.00	
9612928847	24.19	50.00	41.00/38.00x1.50		66.90	30.00	
9612928848	35.71	65.00	70.00/66.00x2.00		84.90	34.00	
9612928849	49.34	80.00	85.00/81.00x2.00		98.90	38.00	
9612928850	68.89	100.00	104.00/100.00x2.00		118.90	46.00	

NOTE: Seal rings - please see later this chapter.

Material Item No.	Item No.	Material Item No.	Item No.	Size DN	Dimension (mm)		
EPDM		FPM		mm	B	D	Seal ring - Form A
Product code: 5054							
9612906204	17.7	9612906214	26.03	25.00	3.50	22.00	
9612906206	16.44	9612906216	30.34	40.00	5.00	40.00	
9612906207	16.97	9612906217	31.6	50.00	5.00	52.00	
9612906208	18.74	9612906218	33.52	65.00	5.00	68.00	
9612906209	26.36	9612906219	40.39	80.00	5.00	83.00	
9612906210	30.84	9612906220	51.56	100.00	5.00	102.00	