



# NAUE GmbH

## Sondermaschinen - und Filterbau

Am Rotböll 5  
64331 Weiterstadt  
[www.naue.de](http://www.naue.de)

Tel. 0 61 50 / 97 38 – 0  
Fax. 0 61 50 / 70 18  
info@naue.de

## NAUE-Aseptic Technology

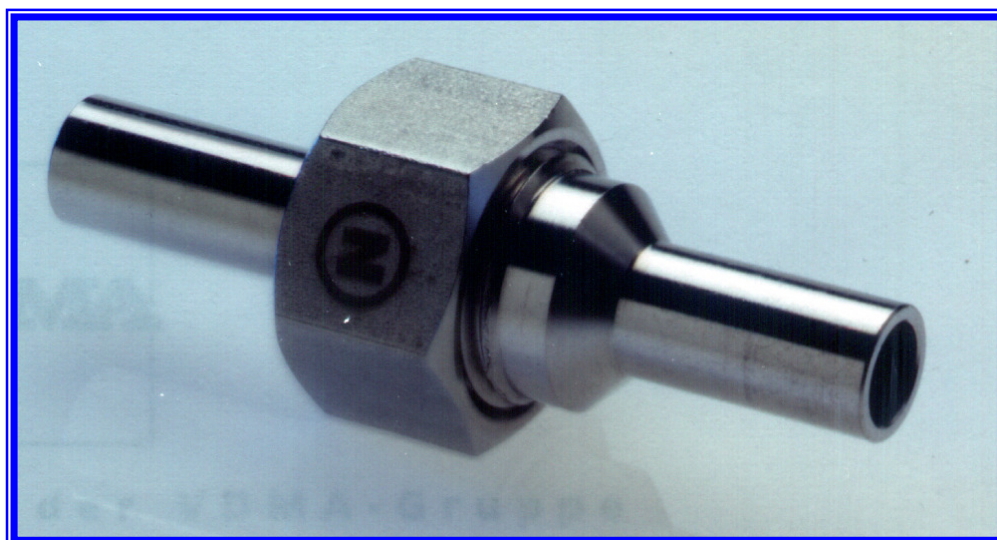
### Aseptic union

with round thread according to DIN 405/with metric thread

Sterility and cleanliness in Biotechnology and Pharmacy can only be realized permanent by using construction elements with most optimal method of construction. The Naue-aseptic-union is one of these construction elements.

The present aseptic-union is a perfect tube connection which can be used in Bio-Chemistry, Chemistry, Pharmacy and Food processing industry.

- The construction of the aseptic-union is such that the O-ring ends in line with the inner surface of the tube. We herewith avoid inner gaps, reduction of the cross section, deep edges and cracks.
- It is chemically extremely resistant.
- Standard material is 1.4571, 1.4404 and 1.4435, on request 1.4539 and Hasteloy C22 ...
- As seal material any o-ring quality can be used. EPDM is standard.
- As mating of material (male part/nut) the aseptic union is designed for a repeated use.
- Annoying retightening of the connection after the sterilisation respectively fluctuation of temperature can be omitted.
- The aseptic union is dimensioned that the o-ring can only be deformed defined and not be damaged.
- All tube forces are absorbed by the aseptic union without any effect on the seal.
- It is compression-proved up to 100 bar. It is TÜV-type proved.
- It is internationally introduced.
- It is available from DN 4 up to DN 150 in DIN and ISO, as well as in the American OD-tubing series from ¼ to 4 inches.
- It is available in short version (standard) for manual welding as well as in long version (orbital) for automatic welding.
- In comparison with traditional unions, the aseptic union is much smaller.
- The tube system can be pigged.
- It is favourable. The additional expenses of this connection are compensated by savings in fabrication.
- The following accessories to complete your product mix are also at your disposal: diaphragm manometres stainless steel sheathed PTFE tubes, silicone sheathed tubes heat exchangers, filters, tanks etc...





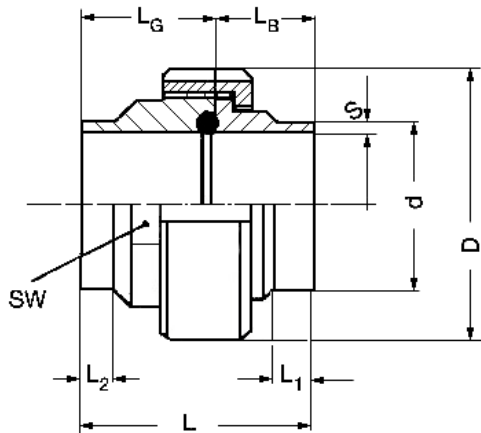
ISO

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## Aseptic Union

Material	Male part	1.4404 / 316 L
	Liner	1.4404 / 316 L
	Nut	1.4301 / 304

Other steel qualities and dimensions upon request

### STANDARD-DESIGN FOR MANUAL WELDING

Metric Thread											Round Thread	
DN	d ISO	D	L	L <sub>1</sub>	L <sub>2</sub>	I <sub>B</sub>	L <sub>G</sub>	SW	O-ring	Part n°	D	Part n°
4	6,0 x 1,0		33	6	5	15	18		4,0 x 2,0	05-10999		-----
6	8,0 x 1,0	SW 19	33	6	5	15	18	10	6,0 x 2,5	05-11000		05-13000
8	10,2 x 1,0	SW 22	33	6	5	15	18	13	8,0 x 2,5	05-11001		05-13001
10	13,5 x 1,6	SW 27	33	6	5	15	18	17	10,5 x 2,5	05-11002		05-13002
12	17,2 x 1,6	SW 30	36	6	5	16	20	19	15,0 x 3,0	05-11003		05-13003
15	21,3 x 1,6	SW 36	36	6	5	16	20	22	18,5 x 3,0	05-11004		05-13004
20	26,9 x 1,6	Ø 48	40	12	6	18	22		25,0 x 3,0	05-11005		05-13005
25	33,7 x 2,0	Ø 52	42	12	6	19	23		30,0 x 3,0	05-11006		05-13006
32	42,4 x 2,0	Ø 60	45	12	6	21	24		39,0 x 3,0	05-11007		05-13007
40	48,3 x 2,0	Ø 65	45	12	6	21	24		45,0 x 3,0	05-11008		05-13008
50	60,3 x 2,6	Ø 80	47	12	9	22	25		55,0 x 3,0	05-11009		05-13009
65	76,0 x 2,6	Ø 105	70	12	12	31	39		72,0 x 4,0	05-11010		05-13010
80	88,9 x 2,6	Ø 120	70	12	12	31	39		84,0 x 4,0	05-11011		05-13011
100	114,3 x 2,6	Ø 150	70	12	12	31	39		110,0 x 4,0	05-11012		05-13012
150	168,3 x 2,6	Ø 205	70	12	12	31	39		163,0 x 4,0	05-11013		05-13013

### ORBITAL-LONG DESIGN FOR AUTOMATIC WELDING

Metric Thread											Round Thread	
DN	d ISO	D	L	L <sub>1</sub>	L <sub>2</sub>	I <sub>B</sub>	L <sub>G</sub>	SW	O-ring	Part n°	D	Part n°
4	6,0 x 1,0		53	16	16	25	28		4,0 x 2,0	05-11024		-----
6	8,0 x 1,0	SW 19	53	16	16	25	28	10	6,0 x 2,5	05-11025		05-13025
8	10,2 x 1,0	SW 22	53	16	16	25	28	13	8,0 x 2,5	05-11026		05-13026
10	13,5 x 1,6	SW 27	53	16	16	25	28	17	10,5 x 2,5	05-11027		05-13027
12	17,2 x 1,6	SW 30	53	16	16	25	28	19	15,0 x 3,0	05-11028		05-13028
15	21,3 x 1,6	SW 36	53	16	16	25	28	22	18,5 x 3,0	05-11029		05-13029
20	26,9 x 1,6	Ø 48	53	16	16	25	28		25,0 x 3,0	05-11030		05-13030
25	33,7 x 2,0	Ø 52	55	16	16	25	30		30,0 x 3,0	05-11031		05-13031
32	42,4 x 2,0	Ø 60	55	16	16	25	30		39,0 x 3,0	05-11032		05-13032
40	48,3 x 2,0	Ø 65	60	16	16	28	32		45,0 x 3,0	05-11033		05-13033
50	60,3 x 2,6	Ø 80	60	16	16	28	32		55,0 x 3,0	05-11034		05-13034
65	76,0 x 2,6	Ø 105	75	16	16	31	44		72,0 x 4,0	05-11035		05-13035
80	88,9 x 2,6	Ø 120	75	16	16	31	44		84,0 x 4,0	05-11036		05-13036
100	114,3 x 2,6	Ø 150	103	30	16	45	58		110,0 x 4,0	05-11037		05-13037
150	168,3 x 2,6	Ø 205	103	30	16	45	58		163,0 x 4,0	05-11038		05-13038

Subject to change without notice



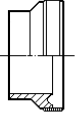




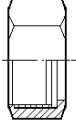
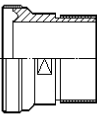
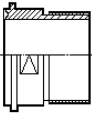
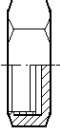

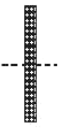

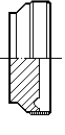
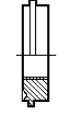
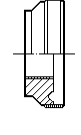
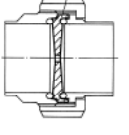
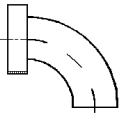
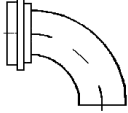
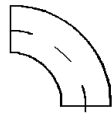
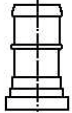
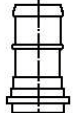
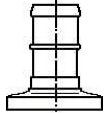
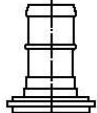
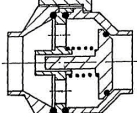
ISO  
Metric Thread

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DN	 Male part ISO-orbital	 Liner ISO-orbital	 Male part ISO-standard	 Liner ISO-standard	 Nut ISO	 Nut extended ISO	 Male part threaded outside ISO	 Liner threaded outside ISO
4	05-11099	05-11124	05-11149	05-11174	05/11199	05/11424	05-11849	05-11824
6	05-11100	05-11125	05-11150	05-11175	05/11200	05/11425	05-11850	05-11825
8	05-11101	05-11126	05-11151	05-11176	05/11201	05/11426	05-11851	05-11826
10	05-11102	05-11127	05-11152	05-11177	05/11202	05/11427	05-11852	05-11827
12	05-11103	05-11128	05-11153	05-11178	05/11203	05/11428	05-11853	05-11828
15	05-11104	05-11129	05-11154	05-11179	05/11204	05/11429	05-11854	05-11829
20	05-11105	05-11130	05-11155	05-11180	05/11205	05/11430	05-11855	05-11830
25	05-11106	05-11131	05-11156	05-11181	05/11206	05/11431	05-11856	05-11831
32	05-11107	05-11132	05-11157	05-11182	05/11207	05/11432	05-11857	05-11832
40	05-11108	05-11133	05-11158	05-11183	05/11208	05/11433	05-11858	05-11833
50	05-11109	05-11134	05-11159	05-11184	05/11209	05/11434	05-11859	05-11834
65	05-11110	05-11135	05-11160	05-11185	05/11210	05/11435	05-11860	05-11835
80	05-11111	05-11136	05-11161	05-11186	05/11211	05/11436	05-11861	05-11836
100	05-11112	05-11137	05-11162	05-11187	05/11212	05/11437	05-11862	05-11837
125	05-11113	05-11138	05-11163	05-11188	05/11213	05/11438	05-11863	05-11838
150	05-11114	05-11139	05-11164	05-11189	05/11214	05/11439	05-11864	05-11839
DN	 Blind nut ISO	 Blind nut with button and chain ISO	 Sealing disk for blind nut ISO	 Blind liner massive ISO	 Blind male part ISO	 Liner threaded inside ISO	 Male part threaded inside ISO	 Choke disk ISO
4	05/11224	05/11249	05-11274	05-11299	05-11349	05-11374	05-11399	05-11324
6	05/11225	05/11250	05-11275	05-11300	05-11350	05-11375	05-11400	05-11325
8	05/11226	05/11251	05-11276	05-11301	05-11351	05-11376	05-11401	05-11326
10	05/11227	05/11252	05-11277	05-11302	05-11352	05-11377	05-11402	05-11327
12	05/11228	05/11253	05-11278	05-11303	05-11353	05-11378	05-11403	05-11328
15	05/11229	05/11254	05-11279	05-11304	05-11354	05-11379	05-11404	05-11329
20	05/11230	05/11255	05-11280	05-11305	05-11355	05-11380	05-11405	05-11330
25	05/11231	05/11256	05-11281	05-11306	05-11356	05-11381	05-11406	05-11331
32	05/11232	05/11257	05-11282	05-11307	05-11357	05-11382	05-11407	05-11332
40	05/11233	05/11258	05-11283	05-11308	05-11358	05-11383	05-11408	05-11333
50	05/11234	05/11259	05-11284	05-11309	05-11359	05-11384	05-11409	05-11334
65	05/11235	05/11260	05-11285	05-11310	05-11360	05-11385	05-11410	05-11335
80	05/11236	05/11261	05-11286	05-11311	05-11361	05-11386	05-11411	05-11336
100	05/11237	05/11262	05-11287	05-11312	05-11362	05-11387	05-11412	05-11337
125	05/11238	05/11263	05-11288	05-11313	05-11363	05-11388	05-11413	05-11338
150	05/11239	05/11264	05-11289	05-11314	05-11364	05-11389	05-11414	05-11339
DN	 Bend with male part ISO	 Bend with liner ISO	 Welding bend ISO	 Male part hose fitting ISO	 Liner hose fitting ISO	 Male part hose fitting reduced ISO	 Liner hose fitting reduced ISO	 Nonreturn valve ISO
4	05-11549	05-11624	05-11649	05-11699	05-11724	05-11774	05-11799	05-11574
6	05-11550	05-11625	05-11650	05-11700	05-11725	05-11775	05-11800	05-11575
8	05-11551	05-11626	05-11651	05-11701	05-11726	05-11776	05-11801	05-11576
10	05-11552	05-11627	05-11652	05-11702	05-11727	05-11777	05-11802	05-11577
12	05-11553	05-11628	05-11653	05-11703	05-11728	05-11778	05-11803	05-11578
15	05-11554	05-11629	05-11654	05-11704	05-11729	05-11779	05-11804	05-11579
20	05-11555	05-11630	05-11655	05-11705	05-11730	05-11780	05-11805	05-11580
25	05-11556	05-11631	05-11656	05-11706	05-11731	05-11781	05-11806	05-11581
32	05-11557	05-11632	05-11657	05-11707	05-11732	05-11782	05-11807	05-11582
40	05-11558	05-11633	05-11658	05-11708	05-11733	05-11783	05-11808	05-11583
50	05-11559	05-11634	05-11659	05-11709	05-11734	05-11784	05-11809	05-11584
65	05-11560	05-11635	05-11660	05-11710	05-11735	05-11785	05-11810	05-11585
80	05-11561	05-11636	05-11661	05-11711	05-11736	05-11786	05-11811	05-11586
100	05-11562	05-11637	05-11662	05-11712	05-11737	05-11787	05-11812	05-11587
125	05-11563	05-11638	05-11663	05-11713	05-11738	05-11788	05-11813	05-11588
150	05-11564	05-11639	05-11664	05-11714	05-11739	05-11789	05-11814	05-11589

Subject to change without notice

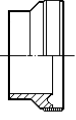


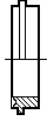

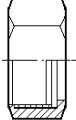
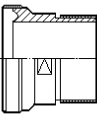
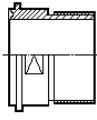
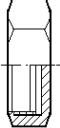

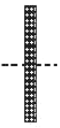
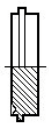
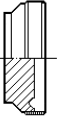
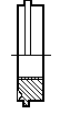
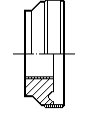
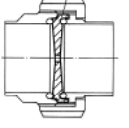
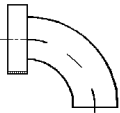
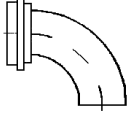
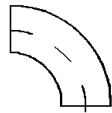
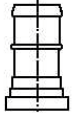
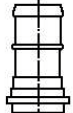
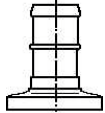
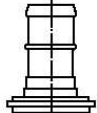
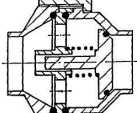


# NAUE GmbH

## Sondermaschinen - und Filterbau

Am Rotböhl 5  
64331 Weiterstadt  
[www.naue.de](http://www.naue.de)

Tel. 0 61 50 / 97 38 – 0  
Fax. 0 61 50 / 70 18  
[info@naue.de](mailto:info@naue.de)

DN	 Male part ISO-orbital	 Liner ISO-orbital	 Male part ISO-standard	 Liner ISO-standard	 Nut ISO	 Nut extended ISO	 Male part threaded outside ISO	 Liner threaded outside ISO
4	05-13099	05-11124	05-13149	05-11174	05/13199	05/13424	05-13849	05-11824
6	05-13100	05-11125	05-13150	05-11175	05/13200	05/13425	05-13850	05-11825
8	05-13101	05-11126	05-13151	05-11176	05/13201	05/13426	05-13851	05-11826
10	05-13102	05-11127	05-13152	05-11177	05/13202	05/13427	05-13852	05-11827
12	05-13103	05-11128	05-13153	05-11178	05/13203	05/13428	05-13853	05-11828
15	05-13104	05-11129	05-13154	05-11179	05/13204	05/13429	05-13854	05-11829
20	05-13105	05-11130	05-13155	05-11180	05/13205	05/13430	05-13855	05-11830
25	05-13106	05-11131	05-13156	05-11181	05/13206	05/13431	05-13856	05-11831
32	05-13107	05-11132	05-13157	05-11182	05/13207	05/13432	05-13857	05-11832
40	05-13108	05-11133	05-13158	05-11183	05/13208	05/13433	05-13858	05-11833
50	05-13109	05-11134	05-13159	05-11184	05/13209	05/13434	05-13859	05-11834
65	05-13110	05-11135	05-13160	05-11185	05/13210	05/13435	05-13860	05-11835
80	05-13111	05-11136	05-13161	05-11186	05/13211	05/13436	05-13861	05-11836
100	05-13112	05-11137	05-13162	05-11187	05/13212	05/13437	05-13862	05-11837
125	05-13113	05-11138	05-13163	05-11188	05/13213	05/13438	05-13863	05-11838
150	05-13114	05-11139	05-13164	05-11189	05/13214	05/13439	05-13864	05-11839
DN	 Blind nut ISO	 Blind nut with button and chain ISO	 Sealing disk for blind nut ISO	 Blind liner massive ISO	 Blind male part ISO	 Liner threaded inside ISO	 Male part threaded inside ISO	 Choke disk ISO
4	05/13224	05/13249	05-11274	05-11299	05-13349	05-11374	05-13399	05-11324
6	05/13225	05/13250	05-11275	05-11300	05-13350	05-11375	05-13400	05-11325
8	05/13226	05/13251	05-11276	05-11301	05-13351	05-11376	05-13401	05-11326
10	05/13227	05/13252	05-11277	05-11302	05-13352	05-11377	05-13402	05-11327
12	05/13228	05/13253	05-11278	05-11303	05-13353	05-11378	05-13403	05-11328
15	05/13229	05/13254	05-11279	05-11304	05-13354	05-11379	05-13404	05-11329
20	05/13230	05/13255	05-11280	05-11305	05-13355	05-11380	05-13405	05-11330
25	05/13231	05/13256	05-11281	05-11306	05-13356	05-11381	05-13406	05-11331
32	05/13232	05/13257	05-11282	05-11307	05-13357	05-11382	05-13407	05-11332
40	05/13233	05/13258	05-11283	05-11308	05-13358	05-11383	05-13408	05-11333
50	05/13234	05/13259	05-11284	05-11309	05-13359	05-11384	05-13409	05-11334
65	05/13235	05/13260	05-11285	05-11310	05-13360	05-11385	05-13410	05-11335
80	05/13236	05/13261	05-11286	05-11311	05-13361	05-11386	05-13411	05-11336
100	05/13237	05/13262	05-11287	05-11312	05-13362	05-11387	05-13412	05-11337
125	05/13238	05/13263	05-11288	05-11313	05-13363	05-11388	05-13413	05-11338
150	05/13239	05/13264	05-11289	05-11314	05-13364	05-11389	05-13414	05-11339
DN	 Bend with male part ISO	 Bend with liner ISO	 Welding bend ISO	 Male part hose fitting ISO	 Liner hose fitting ISO	 Male part hose fitting reduced ISO	 Liner hose fitting reduced ISO	 Nonreturn valve ISO
4	05-13549	05-11624	05-11649	05-13699	05-11724	05-13774	05-11799	05-13574
6	05-13550	05-11625	05-11650	05-13700	05-11725	05-13775	05-11800	05-13575
8	05-13551	05-11626	05-11651	05-13701	05-11726	05-13776	05-11801	05-13576
10	05-13552	05-11627	05-11652	05-13702	05-11727	05-13777	05-11802	05-13577
12	05-13553	05-11628	05-11653	05-13703	05-11728	05-13778	05-11803	05-13578
15	05-13554	05-11629	05-11654	05-13704	05-11729	05-13779	05-11804	05-13579
20	05-13555	05-11630	05-11655	05-13705	05-11730	05-13780	05-11805	05-13580
25	05-13556	05-11631	05-11656	05-13706	05-11731	05-13781	05-11806	05-13581
32	05-13557	05-11632	05-11657	05-13707	05-11732	05-13782	05-11807	05-13582
40	05-13558	05-11633	05-11658	05-13708	05-11733	05-13783	05-11808	05-13583
50	05-13559	05-11634	05-11659	05-13709	05-11734	05-13784	05-11809	05-13584
65	05-13560	05-11635	05-11660	05-13710	05-11735	05-13785	05-11810	05-13585
80	05-13561	05-11636	05-11661	05-13711	05-11736	05-13786	05-11811	05-13586
100	05-13562	05-11637	05-11662	05-13712	05-11737	05-13787	05-11812	05-13587
125	05-13563	05-11638	05-11663	05-13713	05-11738	05-13788	05-11813	05-13588
150	05-13564	05-11639	05-11664	05-13714	05-11739	05-13789	05-11814	05-13589



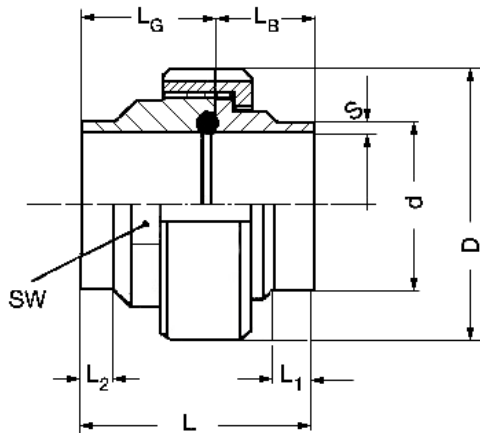
**DIN**

# NAUE GmbH

## Sondermaschinen - und Filterbau

Am Rotböll 5  
64331 Weiterstadt  
www.naue.de

Tel. 0 61 50 / 97 38 - 0  
Fax. 0 61 50 / 70 18  
Info@naue.de



## Aseptic Union

Material	Male Part	1.4404 / 316 L
	Liner	1.4404 / 316 L
	Nut	1.4301 / 304

Other steel qualities and dimensions upon request

### STANDARD-Design For Manual Welding

Metric Thread											Round Thread	
DN	d ISO	D	L	L <sub>1</sub>	L <sub>2</sub>	I <sub>B</sub>	L <sub>G</sub>	SW	O-Ring	Part n°	D	Part n°
4	6,0 x 1,0		33	6	5	15	18		4,0 x 2,0	05-11999		-----
6	8,0 x 1,0	SW 19	33	6	5	15	18	10	6,0 x 2,5	05-12000		05-14000
8	10,0 x 1,0	SW 22	33	6	5	15	18	13	8,0 x 2,5	05-12001		05-14001
10	12,0 x 1,0	SW 27	33	6	5	15	18	17	10,5 x 2,5	05-12002		05-14002
15	18,0 x 1,5	SW 32	36	6	5	16	20	19	15,0 x 3,0	05-12004		05-14004
20	22,0 x 1,5	Ø 40	40	12	6	18	22		20,0 x 3,0	05-12005		05-14005
25	28,0 x 1,5	Ø 49	42	12	6	19	23		25,0 x 3,0	05-12006		05-14006
32	34,0 x 1,5	Ø 52	45	12	6	21	24		30,0 x 3,0	05-12007		05-14007
40	40,0 x 1,5	Ø 62	45	12	6	21	24		39,0 x 3,0	05-12008		05-14008
50	52,0 x 1,5	Ø 77	47	12	9	22	25		50,0 x 3,0	05-12009		05-14009
65	70,0 x 2,0	Ø 105	70	12	12	31	39		66,0 x 4,0	05-12010		05-14010
80	85,0 x 2,0	Ø 115	70	12	12	31	39		81,0 x 4,0	05-12011		05-14011
100	104,0 x 2,0	Ø 140	70	12	12	31	39		100,0 x 4,0	05-12012		05-14012
150	154,0 x 2,0	Ø 195	70	12	12	31	39		150,0 x 4,0	05-12013		05-14013

### ORBITAL-Long Design For Automatic Welding

Metric Thread											Round Thread	
DN	d ISO	D	L	L <sub>1</sub>	L <sub>2</sub>	I <sub>B</sub>	L <sub>G</sub>	SW	O-Ring	Part n°	D	Part n°
4	6,0 x 1,0		53	16	16	25	28		4,0 x 2,0	05-12024		-----
6	8,0 x 1,0	SW 19	53	16	16	25	28	10	6,0 x 2,5	05-12025		05-14025
8	10,0 x 1,0	SW 22	53	16	16	25	28	13	8,0 x 2,5	05-12026		05-14026
10	12,0 x 1,0	SW 27	53	16	16	25	28	17	10,5 x 2,5	05-12027		05-14027
15	18,0 x 1,5	SW 32	53	16	16	25	28	19	15,0 x 3,0	05-12029		05-14029
20	22,0 x 1,5	Ø 40	53	16	16	25	28		20,0 x 3,0	05-12030		05-14030
25	28,0 x 1,5	Ø 49	55	16	16	25	30		25,0 x 3,0	05-12031		05-14031
32	34,0 x 1,5	Ø 52	55	16	16	25	30		30,0 x 3,0	05-12032		05-14032
40	40,0 x 1,5	Ø 62	60	16	16	28	32		39,0 x 3,0	05-12033		05-14033
50	52,0 x 1,5	Ø 77	60	16	16	28	32		50,0 x 3,0	05-12034		05-14034
65	70,0 x 2,0	Ø 105	75	16	16	31	44		66,0 x 4,0	05-12035		05-14035
80	85,0 x 2,0	Ø 115	75	16	16	31	44		81,0 x 4,0	05-12036		05-14036
100	104,0 x 2,0	Ø 140	103	30	16	45	58		100,0 x 4,0	05-12037		05-14037
150	154,0 x 2,0	Ø 195	103	30	16	45	58		150,0 x 4,0	05-12038		05-14038

Subject to change without notice



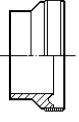
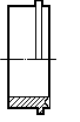
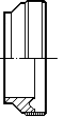


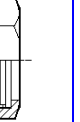
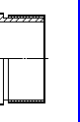
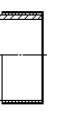
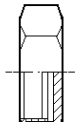
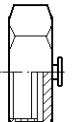




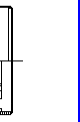




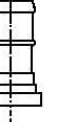
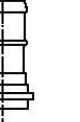
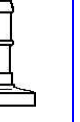
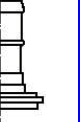
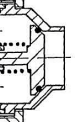
**DIN**  
Metric Thread

# NAUE GmbH

**Sondermaschinen - und Filterbau**

Am Rotböhl 5  
64331 Weiterstadt  
[www.naue.de](http://www.naue.de)

Tel. 0 61 50 / 97 38 – 0  
Fax. 0 61 50 / 70 18  
info@naue.de

DN	 Male Part DIN-orbital	 Liner DIN-orbital	 Male Part DIN-standard	 Liner DIN-standard	 Nut DIN	 Nut extended DIN	 Male Part Threaded Outside DIN	 Liner Threaded Outside DIN
4	05-12099	05-12124	05-12149	05-12174	05/11199	05/11424	05-12849	05-12824
6	05-12100	05-12125	05-12150	05-12175	05/11200	05/11425	05-12850	05-12825
8	05-12101	05-12126	05-12151	05-12176	05/11201	05/11426	05-12851	05-12826
10	05-12102	05-12127	05-12152	05-12177	05/11202	05/11427	05-12852	05-12827
15	05-12104	05-12129	05-12154	05-12179	05/11203	05/11428	05-12854	05-12829
20	05-12105	05-12130	05-12155	05-12180	05/12205	05/12430	05-12855	05-12830
25	05-12106	05-12131	05-12156	05-12181	05/12206	05/12431	05-12856	05-12831
32	05-12107	05-12132	05-12157	05-12182	05/11206	05/11431	05-12857	05-12832
40	05-12108	05-12133	05-12158	05-12183	05/11207	05/11432	05-12858	05-12833
50	05-12109	05-12134	05-12159	05-12184	05/12209	05/12434	05-12859	05-12834
65	05-12110	05-12135	05-12160	05-12185	05/11210	05/11435	05-12860	05-12835
80	05-12111	05-12136	05-12161	05-12186	05/11211	05/11436	05-12861	05-12836
100	05-12112	05-12137	05-12162	05-12187	05/12212	05/12437	05-12862	05-12837
125	05-12113	05-12138	05-12163	05-12188	05/12213	05/12438	05-12863	05-12838
150	05-12114	05-12139	05-12164	05-12189	05/12214	05/12439	05-12864	05-12839
DN	 Blind Nut DIN	 Blind Nut With Button And Chain DIN	 Sealing Disk For Blind Nut DIN	 Blind Liner Massive DIN	 Blind Male Part DIN	 Liner Threaded Inside DIN	 Male Part Threaded Inside DIN	 Choke Disk DIN
4	05/11224	05/11249	05-11274	05-12299	05-12349	05-12374	05-12399	05-12324
6	05/11225	05/11250	05-11275	05-12300	05-12350	05-12375	05-12400	05-12325
8	05/11226	05/11251	05-11276	05-12301	05-12351	05-12376	05-12401	05-12326
10	05/11227	05/11252	05-11277	05-12302	05-12352	05-12377	05-12402	05-12327
15	05/11228	05/11253	05-11278	05-12304	05-12354	05-12379	05-12404	05-12329
20	05/12230	05/12255	05-12280	05-12305	05-12355	05-12380	05-12405	05-12330
25	05/12231	05/12256	05-12281	05-12306	05-12356	05-12381	05-12406	05-12331
32	05/11231	05/11256	05-11281	05-12307	05-12357	05-12382	05-12407	05-12332
40	05/11232	05/11257	05-11282	05-12308	05-12358	05-12383	05-12408	05-12333
50	05/12234	05/12259	05-12284	05-12309	05-12359	05-12384	05-12409	05-12334
65	05/11235	05/11260	05-11285	05-12310	05-12360	05-12385	05-12410	05-12335
80	05/11236	05/11261	05-11286	05-12311	05-12361	05-12386	05-12411	05-12336
100	05/12237	05/12262	05-12287	05-12312	05-12362	05-12387	05-12412	05-12337
125	05/12238	05/12263	05-12288	05-12313	05-12363	05-12388	05-12413	05-12338
150	05/12239	05/12264	05-12289	05-12314	05-12364	05-12389	05-12414	05-12339
DN	 Bend With Male Part DIN	 Bend With Liner DIN	 Welding Bend DIN	 Male Part Hose Fitting DIN	 Liner Hose Fitting DIN	 Male Part Hose Fitting Reduced DIN	 Liner Hose Fitting Reduced DIN	 Nonreturn Valve DIN
4	05-12549	05-12624	05-12649	05-12699	05-12724	05-12774	05-12799	05-12574
6	05-12550	05-12625	05-12650	05-12700	05-12725	05-12775	05-12800	05-12575
8	05-12551	05-12626	05-12651	05-12701	05-12726	05-12776	05-12801	05-12576
10	05-12552	05-12627	05-12652	05-12702	05-12727	05-12777	05-12802	05-12577
15	05-12554	05-12629	05-12654	05-12074	05-12729	05-12779	05-12804	05-12579
20	05-12555	05-12630	05-12655	05-12705	05-12730	05-12780	05-12805	05-12580
25	05-12556	05-12631	05-12656	05-12706	05-12731	05-12781	05-12806	05-12581
32	05-12557	05-12632	05-12657	05-12707	05-12732	05-12782	05-12807	05-12582
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50	05-12559	05-12634	05-12659	05-12709	05-12734	05-12784	05-12809	05-12584
65	05-12560	05-12635	05-12660	05-12710	05-12735	05-12785	05-12810	05-12585
80	05-12561	05-12636	05-12661	05-12711	05-12736	05-12786	05-12811	05-12586
100	05-12562	05-12637	05-12662	05-12712	05-12737	05-12787	05-12812	05-12587
125	05-12563	05-12638	05-12663	05-12713	05-12738	05-12788	05-12813	05-12588
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Subject to change without notice



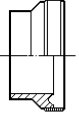
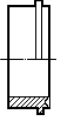
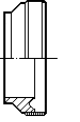


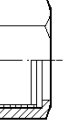
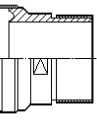
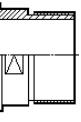
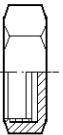
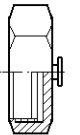



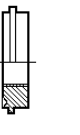
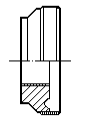
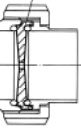
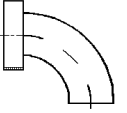
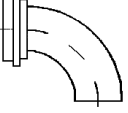

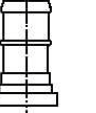
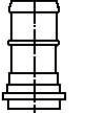
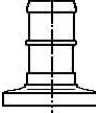
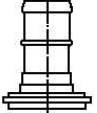
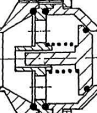
**DIN**  
Round Thread

# NAUE GmbH

**Sondermaschinen - und Filterbau**

Am Rotböhl 5  
64331 Weiterstadt  
[www.naue.de](http://www.naue.de)

Tel. 0 61 50 / 97 38 – 0  
Fax. 0 61 50 / 70 18  
[info@naue.de](mailto:info@naue.de)

DN	 Male Part DIN-orbital	 Liner DIN-orbital	 Male Part DIN-standard	 Liner DIN-standard	 Nut DIN	 Nut extended DIN	 Male Part Threaded Outside DIN	 Liner Threaded Outside DIN
6	05-14100	05-12125	05-14150	05-12175	05/13200	05/13425	05-14850	05-12825
8	05-14101	05-12126	05-14151	05-12176	05/13201	05/13426	05-14851	05-12826
10	05-14102	05-12127	05-14152	05-12177	05/13202	05/13427	05-14852	05-12827
15	05-14104	05-12129	05-14154	05-12179	05/13203	05/13428	05-14854	05-12829
20	05-14105	05-12130	05-14155	05-12180	05/14205	05/14430	05-14855	05-12830
25	05-14106	05-12131	05-14156	05-12181	05/14206	05/14431	05-14856	05-12831
32	05-14107	05-12132	05-14157	05-12182	05/13206	05/13431	05-14857	05-12832
40	05-14108	05-12133	05-14158	05-12183	05/13207	05/13432	05-14858	05-12833
50	05-14109	05-12134	05-14159	05-12184	05/14209	05/14434	05-14859	05-12834
65	05-14110	05-12135	05-14160	05-12185	05/13210	05/13435	05-14860	05-12835
80	05-14111	05-12136	05-14161	05-12186	05/13211	05/13436	05-14861	05-12836
100	05-14112	05-12137	05-14162	05-12187	05/14212	05/14437	05-14862	05-12837
125	05-14113	05-12138	05-14163	05-12188	05/14213	05/14438	05-14863	05-12838
150	05-14114	05-12139	05-14164	05-12189	05/14214	05/14439	05-14864	05-12839
DN	 Blind Nut DIN	 Blind Nut With Button And Chain DIN	 Sealing Disk For Blind Nut DIN	 Blind Liner Massive DIN	 Blind Male Part DIN	 Liner Threaded Inside DIN	 Male Part Threaded Inside DIN	 Choke Disk DIN
6	05/13225	05/13250	05-11275	05-12300	05-14350	05-12375	05-14400	05-12325
8	05/13226	05/13251	05-11276	05-12301	05-14351	05-12376	05-14401	05-12326
10	05/13227	05/13252	05-11277	05-12302	05-14352	05-12377	05-14402	05-12327
15	05/13228	05/13253	05-11278	05-12304	05-14354	05-12379	05-14404	05-12329
20	05/14230	05/14255	05-12280	05-12305	05-14355	05-12380	05-14405	05-12330
25	05/14231	05/14256	05-12281	05-12306	05-14356	05-12381	05-14406	05-12331
32	05/13231	05/13256	05-11281	05-12307	05-14357	05-12382	05-14407	05-12332
40	05/13232	05/13257	05-11282	05-12308	05-14358	05-12383	05-14408	05-12333
50	05/14234	05/14259	05-12284	05-12309	05-14359	05-12384	05-14409	05-12334
65	05/13235	05/13260	05-11285	05-12310	05-14360	05-12385	05-14410	05-12335
80	05/13236	05/13261	05-11286	05-12311	05-14361	05-12386	05-14411	05-12336
100	05/14237	05/14262	05-12287	05-12312	05-14362	05-12387	05-14412	05-12337
125	05/14238	05/14263	05-12288	05-12313	05-14363	05-12388	05-14413	05-12338
150	05/14239	05/14264	05-12289	05-12314	05-14364	05-12389	05-14414	05-12339
DN	 Bend With Male Part DIN	 Bend With Liner DIN	 Welding Bend DIN	 Male Part Hose Fitting DIN	 Liner Hose Fitting DIN	 Male Part Hose Fitting Reduced DIN	 Liner Hose Fitting Reduced DIN	 Nonreturn Valve DIN
6	05-14550	05-12625	05-12650	05-14700	05-12725	05-14775	05-12800	05-14575
8	05-14551	05-12626	05-12651	05-14701	05-12726	05-14776	05-12801	05-14576
10	05-14552	05-12627	05-12652	05-14702	05-12727	05-14777	05-12802	05-14577
15	05-14554	05-12629	05-12654	05-14074	05-12729	05-14779	05-12804	05-14579
20	05-14555	05-12630	05-12655	05-14705	05-12730	05-14780	05-12805	05-14580
25	05-14556	05-12631	05-12656	05-14706	05-12731	05-14781	05-12806	05-14581
32	05-14557	05-12632	05-12657	05-14707	05-12732	05-14782	05-12807	05-14582
40	05-14558	05-12633	05-12658	05-14708	05-12733	05-14783	05-12808	05-14583
50	05-14559	05-12634	05-12659	05-14709	05-12734	05-14784	05-12809	05-14584
65	05-14560	05-12635	05-12660	05-14710	05-12735	05-14785	05-12810	05-14585
80	05-14561	05-12636	05-12661	05-14711	05-12736	05-14786	05-12811	05-14586
100	05-14562	05-12637	05-12662	05-14712	05-12737	05-14787	05-12812	05-14587
125	05-14563	05-12638	05-12663	05-14713	05-12738	05-14788	05-12813	05-14588
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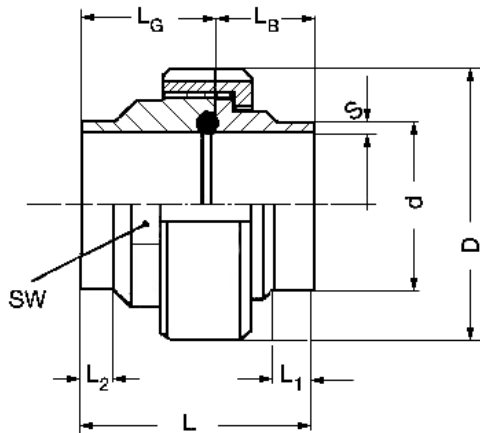
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## Sondermaschinen - und Filterbau

Am Rotböll 5  
64331 Weiterstadt  
www.naue.de

Tel. 0 61 50 / 97 38 - 0  
Fax. 0 61 50 / 70 18  
Info@naue.de



## Aseptic Union

Material	Male Part	1.4404 / 316 L
	Liner	1.4404 / 316 L
	Nut	1.4301 / 304

Other steel qualities and dimensions upon request

### STANDARD-Design For Manual Welding

Metric Thread												Round Thread	
DN	d ISO	D	L	L <sub>1</sub>	L <sub>2</sub>	I <sub>B</sub>	L <sub>G</sub>	SW	O-Ring	Part n°	D	Part n°	
10	13,0 x 1,5	SW 27	33	6	5	15	18		10,5 x 2,5	05-22002		05-23002	
15	19,0 x 1,5	SW 32	36	6	5	16	20		16,0 x 3,0	05-22004		05-23004	
20	23,0 x 1,5	Ø 40	40	12	6	18	22		20,0 x 3,0	05-22005		05-23005	
25	29,0 x 1,5	Ø 49	42	12	6	19	23		27,0 x 3,0	05-22006		05-23006	
32	35,0 x 1,5	Ø 52	45	12	6	21	24		33,0 x 3,0	05-22007		05-23007	
40	41,0 x 1,5	Ø 62	45	12	6	21	24		39,0 x 3,0	05-22008		05-23008	
50	53,0 x 1,5	Ø 77	47	12	9	22	25		50,0 x 3,0	05-22009		05-23009	

### ORBITAL-Long Design For Automatic Welding

Metric Thread												Round Thread	
DN	d ISO	D	L	L <sub>1</sub>	L <sub>2</sub>	I <sub>B</sub>	L <sub>G</sub>	SW	O-Ring	Part n°	D	Part n°	
10	13,0 x 1,5	SW 27	53	16	16	25	28		10,5 x 2,5	05-22027		05-23027	
15	19,0 x 1,5	SW 32	53	16	16	25	28		16,0 x 3,0	05-22029		05-23029	
20	23,0 x 1,5	Ø 40	53	16	16	25	28		20,0 x 3,0	05-22030		05-23030	
25	29,0 x 1,5	Ø 49	55	16	16	25	30		27,0 x 3,0	05-22031		05-23031	
32	35,0 x 1,5	Ø 52	55	16	16	25	30		33,0 x 3,0	05-22032		05-23032	
40	41,0 x 1,5	Ø 62	60	16	16	28	32		39,0 x 3,0	05-22033		05-23033	
50	53,0 x 1,5	Ø 77	60	16	16	28	32		50,0 x 3,0	05-22034		05-23034	

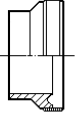
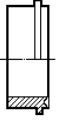
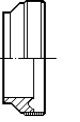

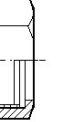
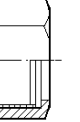
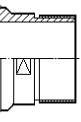
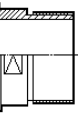
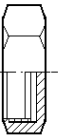
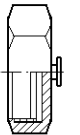


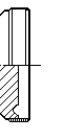
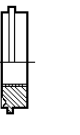
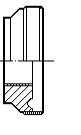
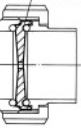
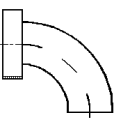
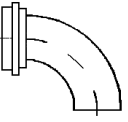
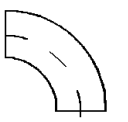
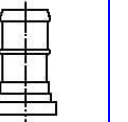
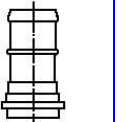
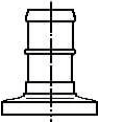
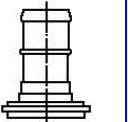
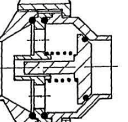
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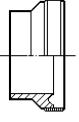
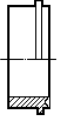
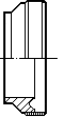

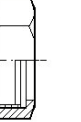
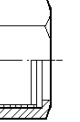
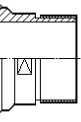
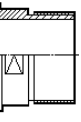
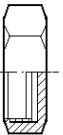
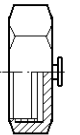


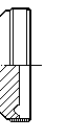
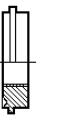
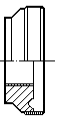
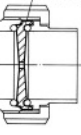
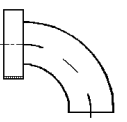
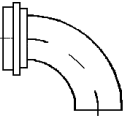

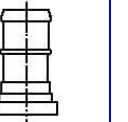
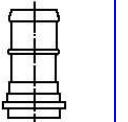
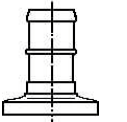
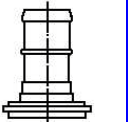
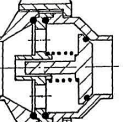
# NAUE GmbH

**Sondermaschinen - und Filterbau**  
 Am Rotböhl 5  
 64331 Weiterstadt  
[www.naue.de](http://www.naue.de)

Tel. 0 61 50 / 97 38 – 0  
 Fax. 0 61 50 / 70 18  
 info@naue.de

DN	 Male Part DIN 2-orbital	 Liner DIN 2-orbital	 Male Part DIN 2-standard	 Liner DIN 2-standard	 Nut DIN 2	 Nut Extended DIN 2	 Male Part Threaded Outside DIN 2	 Liner Threaded Outside DIN 2
10	05-22102	05-22127	05-22152	05-22177	05/11202	05/11427	05-22852	05-22827
15	05-22104	05-22129	05-22154	05-22179	05/11203	05/11428	05-22854	05-22829
20	05-22105	05-22130	05-22155	05-22180	05/12205	05/12430	05-22855	05-22830
25	05-22106	05-22131	05-22156	05-22181	05/12206	05/12431	05-22856	05-22831
32	05-22107	05-22132	05-22157	05-22182	05/22206	05/2431	05-22857	05-22832
40	05-22108	05-22133	05-22158	05-22183	05/11207	05/11432	05-22858	05-22833
50	05-22109	05-22134	05-22159	05-22184	05/12209	05/12434	05-22859	05-22834
DN	 Blind Nut DIN 2	 Blind Nut With Button And Chain DIN 2	 Sealing Disk For Blind Nut DIN 2	 Blind Liner Massive DIN 2	 Blind Male Part DIN 2	 Liner Threaded Inside DIN 2	 Male Part Threaded inside DIN 2	 Choke Disk DIN 2
10	05/11227	05/11252	05-22277	05-22302	05-22352	05-22377	05-22402	05-22327
15	05/11228	05/11253	05-22278	05-22304	05-22354	05-22379	05-22404	05-22329
20	05/12230	05/12255	05-22280	05-22305	05-22355	05-22380	05-22405	05-22330
25	05/12231	05/12256	05-22281	05-22306	05-22356	05-22381	05-22406	05-22331
32	05/22231	05/22256	05-22281	05-22307	05-22357	05-22382	05-22407	05-22332
40	05/11232	05/11257	05-22282	05-22308	05-22358	05-22383	05-22408	05-22333
50	05/12234	05/12259	05-22284	05-22309	05-22359	05-22384	05-22409	05-22334
DN	 Bend With Male Part DIN 2	 Bend With Liner DIN 2	 Welding Bend DIN 2	 Male Part Hose Fitting DIN 2	 Liner Hose Fitting DIN 2	 Male Part Hose Fitting Reduced DIN 2	 Liner Hose Fitting Reduced DIN 2	 Nonreturn Valve DIN 2
10	05-22552	05-22627	05-22652	05-22702	05-22727	05-22777	05-22802	05-22577
15	05-22554	05-22629	05-22654	05-22074	05-22729	05-22779	05-22804	05-22579
20	05-22555	05-22630	05-22655	05-22705	05-22730	05-22780	05-22805	05-22580
25	05-22556	05-22631	05-22656	05-22706	05-22731	05-22781	05-22806	05-22581
32	05-22557	05-22632	05-22657	05-22707	05-22732	05-22782	05-22807	05-22582
40	05-22558	05-22633	05-22658	05-22708	05-22733	05-22783	05-22808	05-22583
50	05-22559	05-22634	05-22659	05-22709	05-22734	05-22784	05-22809	05-22584



DN	 Male Part DIN 2-orbital	 Liner DIN 2-orbital	 Male Part DIN 2-standard	 Liner DIN 2-standard	 Nut DIN 2	 Nut Extended DIN 2	 Male Part Threaded Outside DIN 2	 Liner Threaded Outside DIN 2
10	05-23102	05-22127	05-23152	05-22177	05/13202	05/13427	05-23852	05-22827
15	05-23104	05-22129	05-23154	05-22179	05/13203	05/13428	05-23854	05-22829
20	05-23105	05-22130	05-23155	05-22180	05/14205	05/14430	05-23855	05-22830
25	05-23106	05-22131	05-23156	05-22181	05/14206	05/14431	05-23856	05-22831
32	05-23107	05-22132	05-23157	05-22182	05/23206	05/23431	05-23857	05-22832
40	05-23108	05-22133	05-23158	05-22183	05/13207	05/13432	05-23858	05-22833
50	05-23109	05-22134	05-23159	05-22184	05/14209	05/14434	05-23859	05-22834
DN	 Blind Nut DIN 2	 Blind Nut With Button And Chain DIN 2	 Sealing Disk For Blind Nut DIN 2	 Blind Liner Massive DIN 2	 Blind Male Part DIN 2	 Liner Threaded Inside DIN 2	 Male Part Threaded Inside DIN 2	 Choke Disk DIN 2
10	05/13227	05/13252	05-22277	05-22302	05-23352	05-22377	05-23402	05-22327
15	05/13228	05/13253	05-22278	05-22304	05-23354	05-22379	05-23404	05-22329
20	05/14230	05/14255	05-22280	05-22305	05-23355	05-22380	05-23405	05-22330
25	05/14231	05/14256	05-22281	05-22306	05-23356	05-22381	05-23406	05-22331
32	05/23231	05/23256	05-22281	05-22307	05-23357	05-22382	05-23407	05-22332
40	05/13232	05/13257	05-22282	05-22308	05-23358	05-22383	05-23408	05-22333
50	05/14234	05/14259	05-22284	05-22309	05-23359	05-22384	05-23409	05-22334
DN	 Bend With Male Part DIN 2	 Bend With Liner DIN 2	 Welding Bend DIN 2	 Male Part Hose Fitting DIN 2	 Liner Hose Fitting DIN 2	 Male Part Hose Fitting Reduced DIN 2	 Liner Hose Fitting Reduced DIN 2	 Nonreturn Valve DIN 2
10	05-23552	05-22627	05-22652	05-23702	05-22727	05-23777	05-22802	05-23577
15	05-23554	05-22629	05-22654	05-23074	05-22729	05-23779	05-22804	05-23579
20	05-23555	05-22630	05-22655	05-23705	05-22730	05-23780	05-22805	05-23580
25	05-23556	05-22631	05-22656	05-23706	05-22731	05-23781	05-22806	05-23581
32	05-23557	05-22632	05-22657	05-23707	05-22732	05-23782	05-22807	05-23582
40	05-23558	05-22633	05-22658	05-23708	05-22733	05-23783	05-22808	05-23583
50	05-23559	05-22634	05-22659	05-23709	05-22734	05-23784	05-22809	05-23584



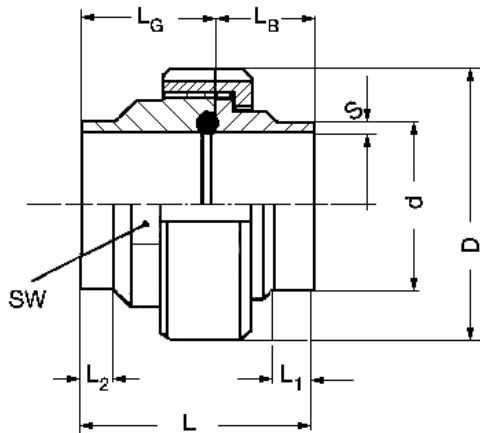
US  
o.D.Tubing

# NAUE GmbH

## Sondermaschinen - und Filterbau

Am Rotböhl 5  
64331 Weiterstadt  
www.naue.de

Tel. 0 61 50 / 97 38 - 0  
Fax. 0 61 50 / 70 18  
Info@naue.de



## Aseptic Union

Material	Male Part	1.4404 / 316 L
	Liner	1.4404 / 316 L
	Nut	1.4301 / 304

Other steel qualities and dimensions upon request

### STANDARD-Design For Manual Welding

Metric Thread											Round Thread	
DN	d ISO	D	L	L <sub>1</sub>	L <sub>2</sub>	I <sub>B</sub>	L <sub>G</sub>	SW	O-Ring	Part n°	D	Part n°
1/4	6,35 x 1,22	SW 17	33	6	5	15	18	8	4,0 x 2,0	05-15001		05-19001
3/8	9,53 x 1,22	SW 22	33	6	5	15	18	13	7,5 x 2,5	05-15003		05-19003
1/2	12,70 x 1,65	SW 27	33	6	5	15	18	17	10,0 x 2,5	05-15005		05-19005
3/4	19,05 x 1,65	SW 36	36	6	5	16	20	22	16,3 x 3,0	05-15007		05-19007
1	25,40 x 1,65	Ø 48	40	6	5	18	22		22,0 x 3,0	05-15009		05-19009
1 1/2	38,10 x 1,65	Ø 62	45	12	6	21	24		36,0 x 3,0	05-15011		05-19011
2	50,80 x 1,65	Ø 76	47	12	6	22	25		48,0 x 3,0	05-15013		05-19013
2 1/2	63,50 x 1,65	Ø 95	70	12	12	31	39		61,0 x 4,0	05-15015		05-19015
3	76,20 x 1,65	Ø 105	70	12	12	31	39		74,0 x 4,0	05-15017		05-19017
4	101,60 x 2,10	Ø 140	70	12	12	31	39		100,0 x 5,0	05-15019		05-19019

### ORBITAL-Long Design For Automatic Welding

Metric Thread											Round Thread	
DN	d ISO	D	L	L <sub>1</sub>	L <sub>2</sub>	I <sub>B</sub>	L <sub>G</sub>	SW	O-Ring	Part n°	D	Part n°
1/4	6,35 x 1,22	SW 17	33	16	16	25	28	8	4,0 x 2,0	05-15025		05-19025
3/8	9,53 x 1,22	SW 22	33	16	16	25	28	13	7,5 x 2,5	05-15027		05-19027
1/2	12,70 x 1,65	SW 27	33	16	16	25	28	17	10,0 x 2,5	05-15029		05-19029
3/4	19,05 x 1,65	SW 36	36	16	16	25	28	22	16,3 x 3,0	05-15031		05-19031
1	25,40 x 1,65	Ø 48	40	16	16	25	28		22,0 x 3,0	05-15033		05-19033
1 1/2	38,10 x 1,65	Ø 62	45	16	16	26	32		36,0 x 3,0	05-15035		05-19035
2	50,80 x 1,65	Ø 76	47	16	16	26	32		48,0 x 3,0	05-15037		05-19037
2 1/2	63,50 x 1,65	Ø 95	70	16	16	31	44		61,0 x 4,0	05-15039		05-19039
3	76,20 x 1,65	Ø 105	70	16	16	31	44		74,0 x 4,0	05-15041		05-19041
4	101,60 x 2,10	Ø 140	70	16	16	45	58		100,0 x 5,0	05-15043		05-19043

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# NAUE GmbH

**Sondermaschinen - und Filterbau**

Am Rotböhl 5  
64331 Weiterstadt

Tel. 0 61 50 / 97 38 0  
Fax. 0 61 50 / 70 18

## NAUE-Aseptic Technology

### Aseptic flanges

with seal face protection

Sterility and cleanliness in Biotechnology and Pharmacy can only be realized permanent by using construction elements with most optimal method of construction. The NAUE-aseptic flange is one of these construction elements.

The present aseptic flange is a perfect tube connection which can be used in Bio-Chemistry, Chemistry, Pharmacy, and food processing industry.

- The Naue-aseptic flange can be used for the production of durable tube connections.
- The Naue-aseptic flange can transduce force which makes it extremely suitable for long and big tubes.
- The construction of the aseptic-flange is such that the O-ring ends in line with the inner surface of the tube. We herewith avoid inner gaps, reduction of the cross section, deep edges and cracks.
- It is chemically extremely resistant.
- Standard material is 1.4571 and 1.4435, on request 1.4539 and Hasteloy C4 etc.
- As seal material any O-ring quality can be used. EPDM is standard.
- Annoying retightening of the connection after the sterilization respectively fluctuation of temperature can be omitted.
- The aseptic flange is dimensioned in such a manner that the O-ring can only be deformed defined and not be damaged.
- All pipeline forces are absorbed by the aseptic flanges without any effect on the seal.
- It is internationally introduced.
- It is compression-proved up to 16 bar
- It is TÜV-type proved.
- It is available from DN 6 to DN 400 in DIN and ISO, as well as in the American OD-tubing series from ¼ to 4 inches.
- It is available in short version (standard) for manual welding as well as in long version (orbital) for automatic welding.
- In comparison with traditional flanges, the aseptic flange is much smaller.
- The piping system can be pigged.
- It is favourable. The additional expenses of this connection are compensated by savings in fabrication.
- The aseptic flanges are provided with surface protection, which avoid a damage of the seal surfaces. If there is a damage of the surface protection, this will not influence the closeness.
- The following accessories to complete your product mix are also at your disposal. Diaphragm manometers, stainless steel sheathed PTFE tubes, silicone sheathed tubes etc.



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64331 Weiterstadt

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We would like to draw your attention to the fact, that NAUE-aseptic-tube-connections are very precise manufactured quality products, which only represent in their entity the most optimal connection.

It is extremely important to use

**„precision-o-rings“**

Therefore we recommend to order replacement o-rings directly with us.

O-rings from other suppliers should only be used after exact control of the dimensions.

**For any information in english, please contact us by**

**Fax: 0049 61 50 70 18**

**or**

**email [anke.wachsmuth@naue.de](mailto:anke.wachsmuth@naue.de)**



# NAUE GmbH

**Sondermaschinen - und Filterbau**

Am Rotböll 5  
64331 Weiterstadt

Tel. 0 61 50 / 97 38 – 0  
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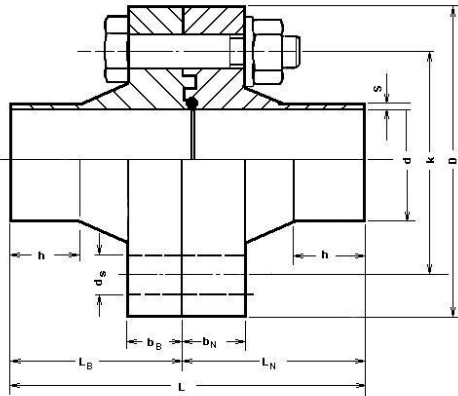
ISO

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Sondermaschinen - und Filterbau

Am Rotböhl 5  
64331 Weiterstadt  
www.naue.de

Tel. 0 61 50 / 97 38 - 0  
Fax. 0 61 50 / 70 18  
Info@naue.de



## Aseptic-Flange with seal face protection

Material	Loose flange	1.4404 / 316 L
	Groove-faced flange	1.4404 / 316 L
Other materials and dimensions upon request		

### STANDARD-DESIGN FOR MANUAL WELDING

Nominal Pressure 16													Nominal Pressure 100			Nominal Pressure 320		
DN	d ISO	D/K	L	L <sub>B</sub>	L <sub>N</sub>	b <sub>B</sub>	b <sub>N</sub>	h	Screws	ds	O-ring	Part n°	Other dimensions upon request	Part n°	Other dimensions upon request	Part n°		
6	8,0 x 1,0										6,0 x 2,5	05-43000		05-50000		05-57000		
8	10,0 x 1,0										8,0 x 2,5	05-43001		05-50001		05-57001		
10	13,5 x 1,6	60/40	60	30	30	8	10	6	4/8	9	10,5 x 2,5	05-43002		05-50002		05-57002		
12	17,2 x 1,6	65/45	60	30	30	8	10	6	4/8	9	15,0 x 3,0	05-43003		05-50003		05-57003		
15	21,3 x 1,6	80/55	68	32	36	8	10	6	4/10	11	18,5 x 3,0	05-43004		05-50004		05-57004		
20	26,9 x 1,6	85/60	68	32	36	10	12	6	4/10	11	25,0 x 3,0	05-43005		05-50005		05-57005		
25	33,7 x 2,0	90/65	69	33	36	10	12	6	4/10	11	30,0 x 3,0	05-43006		05-50006		05-57006		
32	42,4 x 2,0	100/75	73	35	38	10	12	6	4/10	11	39,0 x 3,0	05-43007		05-50007		05-57007		
40	48,3 x 2,0	110/85	73	35	38	10	12	6	4/12	13	45,0 x 3,0	05-43008		05-50008		05-57008		
50	60,3 x 2,6	125/98	73	33	38	10	12	6	4/12	13	55,0 x 3,0	05-43009		05-50009		05-57009		
65	76,0 x 2,6	155/120	73	35	38	13	15	6	4/12	13	72,0 x 4,0	05-43010		05-50010		05-57010		
80	88,9 x 2,6	170/135	86	41	45	14	16	6	4/12	13	84,0 x 4,0	05-43011		05-50011		05-57011		
100	114,3 x 2,6	200/160	82	40	42	15	17	6	8/12	13	110,0 x 4,0	05-43012		05-50012		05-57012		
150	168,3 x 2,6	260/220	82	40	42	15	17	6	8/12	13	163,0 x 4,0	05-43014		05-50014		05-57014		
200	219,1 x 2,9	300/265	86	42	44	17	19	6	8/16	17	215,0 x 6,0	05-43015		05-50015		05-57015		
250	273,0 x 2,9	360/315	90	44	46	19	21	6	8/16	17	268,0 x 8,0	05-43016	05-50016	05-57016				
300	323,9 x 3,2	420/375	94	46	48	21	24	6	12/16	17	320,0 x 8,0	05-43017	05-50017	05-57017				
350	355,6 x 3,2	460/415	98	48	50	22	26	6	8/20	22	350,0 x 8,0	05-43018	05-50018	05-57018				
400	406,4 x 3,2	530/485	102	50	52	24	28	6	12/20	22	400,0 x 8,0	05-43019	05-50019	05-57019				

### ORBITAL-LONG DESIGN FOR AUTOMATIC WELDING

Nominal Pressure 16													Nominal Pressure 100			Nominal Pressure 320		
DN	d ISO	D/K	L	L <sub>B</sub>	L <sub>N</sub>	b <sub>B</sub>	b <sub>N</sub>	h	Screws	ds	O-ring	Part n°	Other dimensions upon request	Part n°	Other dimensions upon request	Part n°		
6	8,0 x 1,0										6,0 x 2,5	05-43050		05-50050		05-57050		
8	10,0 x 1,0										8,0 x 2,5	05-43051		05-50051		05-57051		
10	13,5 x 1,6	60/40	80	40	40	8	10	16	4/8	9	10,5 x 2,5	05-43052		05-50052		05-57052		
12	17,2 x 1,6	65/45	80	40	40	8	10	16	4/8	9	15,0 x 3,0	05-43053		05-50053		05-57053		
15	21,3 x 1,6	80/55	88	42	46	8	10	16	4/10	11	18,5 x 3,0	05-43054		05-50054		05-57054		
20	26,9 x 1,6	85/60	88	42	46	10	12	16	4/10	11	25,0 x 3,0	05-43055		05-50055		05-57055		
25	33,7 x 2,0	90/65	89	43	46	10	12	16	4/10	11	30,0 x 3,0	05-43056		05-50056		05-57056		
32	42,4 x 2,0	100/75	93	45	48	10	12	16	4/10	11	39,0 x 3,0	05-43057		05-50057		05-57057		
40	48,3 x 2,0	110/85	93	45	48	10	12	16	4/12	13	45,0 x 3,0	05-43058		05-50058		05-57058		
50	60,3 x 2,6	125/98	93	45	48	10	12	16	4/12	13	55,0 x 3,0	05-43059		05-50059		05-57059		
65	76,0 x 2,6	155/120	93	45	48	13	15	16	4/12	13	72,0 x 4,0	05-43060		05-50060		05-57060		
80	88,9 x 2,6	170/135	106	51	55	14	16	16	4/12	13	84,0 x 4,0	05-43061		05-50061		05-57061		
100	114,3 x 2,6	200/160	130	64	66	15	17	30	8/12	13	110,0 x 4,0	05-43062		05-50062		05-57062		
150	168,3 x 2,6	260/220	130	64	66	15	17	30	8/12	13	163,0 x 4,0	05-43064		05-50064		05-57064		
200	219,1 x 2,9	300/265	134	66	68	17	19	30	8/16	17	215,0 x 6,0	05-43065		05-50065		05-57065		
250	273,0 x 2,9	360/315	138	68	70	19	21	30	8/16	17	268,0 x 8,0	05-43066	05-50066	05-57066				
300	323,9 x 3,2	420/375	142	70	72	21	24	30	12/16	17	320,0 x 8,0	05-43067	05-50067	05-57067				
350	355,6 x 3,2	460/415	146	72	74	22	26	30	8/20	22	350,0 x 8,0	05-43068	05-50068	05-57068				
400	406,4 x 3,2	530/485	150	74	76	24	28	30	12/20	22	400,0 x 8,0	05-43069	05-50069	05-57069				

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ISO

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Sondermaschinen - und Filterbau

Am Rotböhl 5  
64331 Weiterstadt  
[www.naue.de](http://www.naue.de)

Tel. 0 61 50 / 97 38 – 0  
Fax. 0 61 50 / 70 18  
[info@naue.de](mailto:info@naue.de)

DN	Groove-faced flange ISO orbital	Loose flange ISO orbital	Groove-faced flange ISO standard	Loose flange ISO standard	Loose flange ISO	Groove-faced blind flange ISO	Loose blind flange ISO
<b>Aseptic Flanges ISO – Nominal Pressure 16</b>							
6	05-43100	05-43125	05-43150	05-43175	05-43200	05-43850	05-43825
8	05-43101	05-43126	05-43151	05-43176	05-43201	05-43851	05-43826
10	05-43102	05-43127	05-43152	05-43177	05-43202	05-43852	05-43827
12	05-43103	05-43128	05-43153	05-43178	05-43203	05-43853	05-43828
15	05-43104	05-43129	05-43154	05-43179	05-43204	05-43854	05-43829
20	05-43105	05-43130	05-43155	05-43180	05-43205	05-43855	05-43830
25	05-43106	05-43131	05-43156	05-43181	05-43206	05-43856	05-43831
32	05-43107	05-43132	05-43157	05-43182	05-43207	05-43857	05-43832
40	05-43108	05-43133	05-43158	05-43183	05-43208	05-43858	05-43833
50	05-43109	05-43134	05-43159	05-43184	05-43209	05-43859	05-43834
65	05-43110	05-43135	05-43160	05-43185	05-43210	05-43860	05-43835
80	05-43111	05-43136	05-43161	05-43186	05-43211	05-43861	05-43836
100	05-43112	05-43137	05-43162	05-43187	05-43212	05-43862	05-43837
150	05-43114	05-43139	05-43164	05-43189	05-43214	05-43864	05-43839
200	05-43115	05-43140	05-43165	05-43190	05-43215	05-43865	05-43840
250	05-43116	05-43141	05-43166	05-43191	05-43216	05-43866	05-43841
300	05-43117	05-43142	05-43167	05-43192	05-43217	05-43867	05-43842
350	05-43118	05-43143	05-43168	05-43193	05-43218	05-43868	05-43843
400	05-43119	05-43144	05-43169	05-43194	05-43219	05-43869	05-43845
<b>Aseptic Flanges ISO – Nominal Pressure 100</b>							
6	05-50100	05-50125	05-50150	05-50175	05-50200	05-50850	05-50825
8	05-50101	05-50126	05-50151	05-50176	05-50201	05-50851	05-50826
10	05-50102	05-50127	05-50152	05-50177	05-50202	05-50852	05-50827
12	05-50103	05-50128	05-50153	05-50178	05-50203	05-50853	05-50828
15	05-50104	05-50129	05-50154	05-50179	05-50204	05-50854	05-50829
20	05-50105	05-50130	05-50155	05-50180	05-50205	05-50855	05-50830
25	05-50106	05-50131	05-50156	05-50181	05-50206	05-50856	05-50831
32	05-50107	05-50132	05-50157	05-50182	05-50207	05-50857	05-50832
40	05-50108	05-50133	05-50158	05-50183	05-50208	05-50858	05-50833
50	05-50109	05-50134	05-50159	05-50184	05-50209	05-50859	05-50834
65	05-50110	05-50135	05-50160	05-50185	05-50210	05-50860	05-50835
80	05-50111	05-50136	05-50161	05-50186	05-50211	05-50861	05-50836
100	05-50112	05-50137	05-50162	05-50187	05-50212	05-50862	05-50837
150	05-50114	05-50139	05-50164	05-50189	05-50214	05-50864	05-50839
200	05-50115	05-50140	05-50165	05-50190	05-50215	05-50865	05-50840
250	05-50116	05-50141	05-50166	05-50191	05-50216	05-50866	05-50841
300	05-50117	05-50142	05-50167	05-50192	05-50217	05-50867	05-50842
350	05-50118	05-50143	05-50168	05-50193	05-50218	05-50868	05-50843
400	05-50119	05-50144	05-50169	05-50194	05-50219	05-50869	05-50845
<b>Aseptic Flanges ISO – Nominal Pressure 320</b>							
6	05-57100	05-57125	05-57150	05-57175	05-57200	05-57850	05-57825
8	05-57101	05-57126	05-57151	05-57176	05-57201	05-57851	05-57826
10	05-57102	05-57127	05-57152	05-57177	05-57202	05-57852	05-57827
12	05-57103	05-57128	05-57153	05-57178	05-57203	05-57853	05-57828
15	05-57104	05-57129	05-57154	05-57179	05-57204	05-57854	05-57829
20	05-57105	05-57130	05-57155	05-57180	05-57205	05-57855	05-57830
25	05-57106	05-57131	05-57156	05-57181	05-57206	05-57856	05-57831
32	05-57107	05-57132	05-57157	05-57182	05-57207	05-57857	05-57832
40	05-57108	05-57133	05-57158	05-57183	05-57208	05-57858	05-57833
50	05-57109	05-57134	05-57159	05-57184	05-57209	05-57859	05-57834
65	05-57110	05-57135	05-57160	05-57185	05-57210	05-57860	05-57835
80	05-57111	05-57136	05-57161	05-57186	05-57211	05-57861	05-57836
100	05-57112	05-57137	05-57162	05-57187	05-57212	05-57862	05-57837
150	05-57114	05-57139	05-57164	05-57189	05-57214	05-57864	05-57839
200	05-57115	05-57140	05-57165	05-57190	05-57215	05-57865	05-57840
250	05-57116	05-57141	05-57166	05-57191	05-57216	05-57866	05-57841
300	05-57117	05-57142	05-57167	05-57192	05-57217	05-57867	05-57842
350	05-57118	05-57143	05-57168	05-57193	05-57218	05-57868	05-57843
400	05-57119	05-57144	05-57169	05-57194	05-57219	05-57869	05-57844



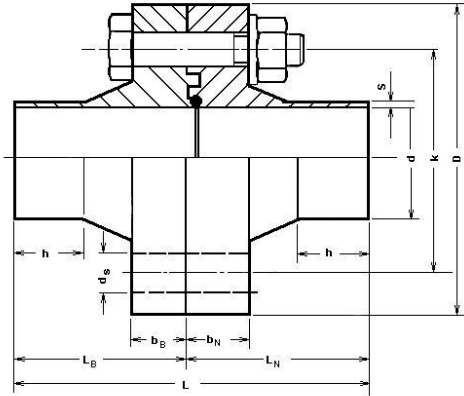
**DIN**

# NAUE GmbH

**Sondermaschinen - und Filterbau**

Am Rotböhl 5  
64331 Weiterstadt  
www.naue.de

Tel. 0 61 50 / 97 38 - 0  
Fax. 0 61 50 / 70 18  
Info@naue.de



## Aseptic-Flange with seal face protection

Material	Loose flange	1.4404 / 316 L
	Groove-faced flange	1.4404 / 316 L
Other materials and dimensions upon request		

### STANDARD-DESIGN FOR MANUAL WELDING

Nominal Pressure 16													Nominal Pressure 100		Nominal Pressure 320	
DN	d ISO	D/K	L	L <sub>B</sub>	L <sub>N</sub>	b <sub>B</sub>	b <sub>N</sub>	h	Screws	ds	O-ring	Part n°	Other dimensions upon request	Part n°	Other dimensions upon request	Part n°
6	8,0 x 1,0										6,0 x 2,5	05-44000		05-51000		05-58000
8	10,0 x 1,0										8,0 x 2,5	05-44001		05-51001		05-58001
10	12,0 x 1,0	60/40	60	30	30	8	10	6	4/8	9	10,5 x 2,5	05-44002		05-51002		05-55002
15	18,0 x 1,5	80/55	68	32	36	8	10	6	4/10	11	15,0 x 3,0	05-44004		05-51004		05-58004
20	22,0 x 1,5	85/60	68	32	36	10	12	6	4/10	11	20,0 x 3,0	05-44005		05-51005		05-58005
25	28,0 x 1,5	90/65	69	33	36	10	12	6	4/10	11	25,0 x 3,0	05-44006		05-51006		05-58006
32	34,0 x 1,5	100/75	73	35	38	10	12	6	4/10	11	30,0 x 3,0	05-44007		05-51007		05-58007
40	40,0 x 1,5	110/85	73	35	38	10	12	6	4/12	13	39,0 x 3,0	05-44008		05-51008		05-58008
50	52,0 x 1,5	125/98	73	33	38	10	12	6	4/12	13	50,0 x 3,0	05-44009		05-51009		05-58009
65	70,0 x 2,0	155/120	73	35	38	13	15	6	4/12	13	66,0 x 4,0	05-44010	05-51010	05-58010		
80	85,0 x 2,0	170/135	86	41	45	14	16	6	4/12	13	81,0 x 4,0	05-44011	05-51011	05-58011		
100	104,0 x 2,0	200/160	82	40	42	15	17	6	8/12	13	100,0 x 4,0	05-44012	05-51012	05-58012		
150	154,0 x 2,0	260/220	82	40	42	15	17	6	8/12	13	150,0 x 4,0	05-44014	05-51014	05-58014		
200	204,2 x 2,0	300/265	86	42	44	17	19	6	8/16	17		05-44015	05-51015	05-58015		
250		360/315	90	44	46	19	21	6	8/16	17		05-44016	05-51016	05-58016		
300		420/375	94	46	48	21	24	6	12/16	17		05-44017	05-51017	05-58017		
350		460/415	98	48	50	22	26	6	8/20	22		05-44018	05-51018	05-58018		
400		530/485	102	50	52	24	28	6	12/20	22		05-44019	05-51019	05-58019		

### ORBITAL-LONG DESIGN FOR AUTOMATIC WELDING

Nominal Pressure 16													Nominal Pressure 100		Nominal Pressure 320	
DN	d ISO	D/K	L	L <sub>B</sub>	L <sub>N</sub>	b <sub>B</sub>	b <sub>N</sub>	h	Screws	ds	O-ring	Part n°	Other dimensions upon request	Part n°	Other dimensions upon request	Part n°
6	8,0 x 1,0										6,0 x 2,5	05-44050		05-51050		05-58050
8	10,0 x 1,0										8,0 x 2,5	05-44051		05-51051		05-58051
10	12,0 x 1,0	60/40	80	40	40	8	10	16	4/8	9	10,5 x 2,5	05-44052		05-51052		05-58052
15	18,0 x 1,5	80/55	88	42	46	8	10	16	4/10	11	15,0 x 3,0	05-44054		05-51054		05-58054
20	22,0 x 1,5	85/60	88	42	46	10	12	16	4/10	11	20,0 x 3,0	05-44055		05-51055		05-58055
25	28,0 x 1,5	90/65	89	43	46	10	12	16	4/10	11	25,0 x 3,0	05-44056		05-51056		05-58056
32	34,0 x 1,5	100/75	93	45	48	10	12	16	4/10	11	30,0 x 3,0	05-44057		05-51057		05-58057
40	40,0 x 1,5	110/85	93	45	48	10	12	16	4/12	13	39,0 x 3,0	05-44058		05-51058		05-58058
50	52,0 x 1,5	125/98	93	45	48	10	12	16	4/12	13	50,0 x 3,0	05-44059		05-51059		05-58059
65	70,0 x 2,0	155/120	93	45	48	13	15	16	4/12	13	66,0 x 4,0	05-44060	05-51060	05-58060		
80	85,0 x 2,0	170/135	106	51	55	14	16	16	4/12	13	81,0 x 4,0	05-44061	05-51061	05-58061		
100	104,0 x 2,0	200/160	130	64	66	15	17	30	8/12	13	100,0 x 4,0	05-44062	05-51062	05-58062		
150	154,0 x 2,0	260/220	130	64	66	15	17	30	8/12	13	150,0 x 4,0	05-44064	05-51064	05-58064		
200	204,2 x 2,0	300/265	134	66	68	17	19	30	8/16	17		05-44065	05-51065	05-58065		
250		360/315	138	68	70	19	21	30	8/16	17		05-44066	05-51066	05-58066		
300		420/375	142	70	72	21	24	30	12/16	17		05-44067	05-51067	05-58067		
350		460/415	146	72	74	22	26	30	8/20	22		05-44068	05-51068	05-58068		
400		530/485	150	74	76	24	28	30	12/20	22		05-44069	05-51069	05-58069		

Subject to change without notice



**DIN**

# NAUE GmbH

**Sondermaschinen - und Filterbau**

Am Rotböhl 5  
64331 Weiterstadt  
[www.naue.de](http://www.naue.de)

Tel. 0 61 50 / 97 38 – 0  
Fax. 0 61 50 / 70 18  
[info@naue.de](mailto:info@naue.de)

DN	Groove-faced flange DIN orbital	Loose flange DIN orbital	Groove-faced flange DIN standard	Loose flange DIN standard	Loose flange DIN	Groove-faced blind flange DIN	Loose blind flange DIN
<b>Aseptic-Flange DIN – Nominal Pressure 16</b>							
6	05-44100	05-44125	05-44150	05-44175	05-44200	05-44850	05-44825
8	05-44101	05-44126	05-44151	05-44176	05-44201	05-44851	05-44826
10	05-44102	05-44127	05-44152	05-44177	05-44202	05-44852	05-44827
15	05-44104	05-44129	05-44154	05-44179	05-44204	05-44854	05-44829
20	05-44105	05-44130	05-44155	05-44180	05-44205	05-44855	05-44830
25	05-44106	05-44131	05-44156	05-44181	05-44206	05-44856	05-44831
32	05-44107	05-44132	05-44157	05-44182	05-44207	05-44857	05-44832
40	05-44108	05-44133	05-44158	05-44183	05-44208	05-44858	05-44833
50	05-44109	05-44134	05-44159	05-44184	05-44209	05-44859	05-44834
65	05-44110	05-44135	05-44160	05-44185	05-44210	05-44860	05-44835
80	05-44111	05-44136	05-44161	05-44186	05-44211	05-44861	05-44836
100	05-44112	05-44137	05-44162	05-44187	05-44212	05-44862	05-44837
150	05-44114	05-44139	05-44164	05-44189	05-44214	05-44864	05-44839
200	05-44115	05-44140	05-44165	05-44190	05-44215	05-44865	05-44840
250	05-44116	05-44141	05-44166	05-44191	05-44216	05-44866	05-44841
300	05-44117	05-44142	05-44167	05-44192	05-44217	05-44867	05-44842
350	05-44118	05-44143	05-44168	05-44193	05-44218	05-44868	05-44843
400	05-44119	05-44144	05-44169	05-44194	05-44219	05-44869	05-44845
<b>Aseptic-Flange DIN – Nominal Pressure 100</b>							
6	05-51100	05-51125	05-51150	05-51175	05-51200	05-51850	05-51825
8	05-51101	05-51126	05-51151	05-51176	05-51201	05-51851	05-51826
10	05-51102	05-51127	05-51152	05-51177	05-51202	05-51852	05-51827
15	05-51104	05-51129	05-51154	05-51179	05-51204	05-51854	05-51829
20	05-51105	05-51130	05-51155	05-51180	05-51205	05-51855	05-51830
25	05-51106	05-51131	05-51156	05-51181	05-51206	05-51856	05-51831
32	05-51107	05-51132	05-51157	05-51182	05-51207	05-51857	05-51832
40	05-51108	05-51133	05-51158	05-51183	05-51208	05-51858	05-51833
50	05-51109	05-51134	05-51159	05-51184	05-51209	05-51859	05-51834
65	05-51110	05-51135	05-51160	05-51185	05-51210	05-51860	05-51835
80	05-51111	05-51136	05-51161	05-51186	05-51211	05-51861	05-51836
100	05-51112	05-51137	05-51162	05-51187	05-51212	05-51862	05-51837
150	05-51114	05-51139	05-51164	05-51189	05-51214	05-51864	05-51839
200	05-51115	05-51140	05-51165	05-51190	05-51215	05-51865	05-51840
250	05-51116	05-51141	05-51166	05-51191	05-51216	05-51866	05-51841
300	05-51117	05-51142	05-51167	05-51192	05-51217	05-51867	05-51842
350	05-51118	05-51143	05-51168	05-51193	05-51218	05-51868	05-51843
400	05-51119	05-51144	05-51169	05-51194	05-51219	05-51869	05-51845
<b>Aseptic-Flange DIN – Nominal Pressure 320</b>							
6	05-58100	05-58125	05-58150	05-58175	05-58200	05-58850	05-58825
8	05-58101	05-58126	05-58151	05-58176	05-58201	05-58851	05-58826
10	05-58102	05-58127	05-58152	05-58177	05-58202	05-58852	05-58827
15	05-58104	05-58129	05-58154	05-58179	05-58204	05-58854	05-58829
20	05-58105	05-58130	05-58155	05-58180	05-58205	05-58855	05-58830
25	05-58106	05-58131	05-58156	05-58181	05-58206	05-58856	05-58831
32	05-58107	05-58132	05-58157	05-58182	05-58207	05-58857	05-58832
40	05-58108	05-58133	05-58158	05-58183	05-58208	05-58858	05-58833
50	05-58109	05-58134	05-58159	05-58184	05-58209	05-58859	05-58834
65	05-58110	05-58135	05-58160	05-58185	05-58210	05-58860	05-58835
80	05-58111	05-58136	05-58161	05-58186	05-58211	05-58861	05-58836
100	05-58112	05-58137	05-58162	05-58187	05-58212	05-58862	05-58837
150	05-58114	05-58139	05-58164	05-58189	05-58214	05-58864	05-58839
200	05-58115	05-58140	05-58165	05-58190	05-58215	05-58865	05-58840
250	05-58116	05-58141	05-58166	05-58191	05-58216	05-58866	05-58841
300	05-58117	05-58142	05-58167	05-58192	05-58217	05-58867	05-58842
350	05-58118	05-58143	05-58168	05-58193	05-58218	05-58868	05-58843
400	05-58119	05-58144	05-58169	05-58194	05-58219	05-58869	05-58844

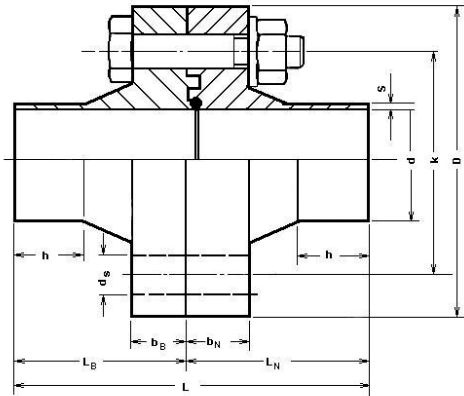


# NAUE GmbH

## Sondermaschinen - und Filterbau

Am Rotböhl 5  
64331 Weiterstadt  
www.naue.de

Tel. 0 61 50 / 97 38 - 0  
Fax. 0 61 50 / 70 18  
Info@naue.de



### Aseptic-Flange with seal face protection

Material	Loose flange	1.4404 / 316 L
	Groove-faced flange	1.4404 / 316 L
Other materials and dimensions upon request		

### STANDARD-DESIGN FOR MANUAL WELDING

Nominal Pressure 16													Nominal Pressure 100		Nominal Pressure 320		
DN	d ISO	D/K	L	L <sub>B</sub>	L <sub>N</sub>	b <sub>B</sub>	b <sub>N</sub>	h	Screws	ds	O-ring	Part n°	Other dimensions upon request	Part n°	Other dimensions upon request	Part n°	
10	13,0 x 1,5	60/40	60	30	30	8	10	6	4/8	9	10,5 x 2,5	05-46002		05-53002		05-60002	
15	19,0 x 1,5	80/55	68	32	36	8	10	6	4/10	11	18,5 x 3,0	05-46004		05-53004		05-60004	
20	23,0 x 1,5	85/60	68	32	36	10	12	6	4/10	11	25,0 x 3,0	05-46005		05-53005		05-60005	
25	29,0 x 1,5	90/65	69	33	36	10	12	6	4/10	11	30,0 x 3,0	05-46006		05-53006		05-60006	
32	35,0 x 1,5	100/75	73	35	38	10	12	6	4/10	11	39,0 x 3,0	05-46007		05-53007		05-60007	
40	41,0 x 1,5	110/85	73	35	38	10	12	6	4/12	13	45,0 x 3,0	05-46008		05-53008		05-60008	
50	53,0 x 1,5	125/98	73	33	38	10	12	6	4/12	13	55,0 x 3,0	05-46009		05-53009		05-60009	

### ORBITAL-LONG DESIGN FOR AUTOMATIC WELDING

Nominal Pressure 16													Nominal Pressure 100		Nominal Pressure 320		
DN	d ISO	D/K	L	L <sub>B</sub>	L <sub>N</sub>	b <sub>B</sub>	b <sub>N</sub>	h	Screws	ds	O-ring	Part n°	Other dimensions upon request	Part n°	Other dimensions upon request	Part n°	
10	13,0 x 1,5	60/40	80	40	40	8	10	16	4/8	9	10,5 x 2,5	05-46052		05-53052		05-60052	
15	19,0 x 1,5	80/55	88	42	46	8	10	16	4/10	11	18,5 x 3,0	05-46054		05-53054		05-60054	
20	23,0 x 1,5	85/60	88	42	46	10	12	16	4/10	11	25,0 x 3,0	05-46055		05-53055		05-60055	
25	29,0 x 1,5	90/65	89	43	46	10	12	16	4/10	11	30,0 x 3,0	05-46056		05-53056		05-60056	
32	35,0 x 1,5	100/75	93	45	48	10	12	16	4/10	11	39,0 x 3,0	05-46057		05-53057		05-60057	
40	41,0 x 1,5	110/85	93	45	48	10	12	16	4/12	13	45,0 x 3,0	05-46058		05-53058		05-60058	
50	53,0 x 1,5	125/98	93	45	48	10	12	16	4/12	13	55,0 x 3,0	05-46059		05-53059		05-60059	

Subject to change without notice





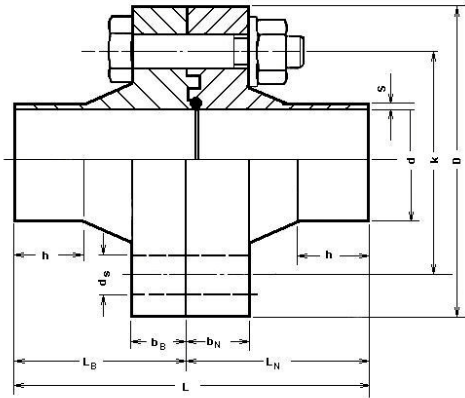
US  
o.D.Tubing

# NAUE GmbH

## Sondermaschinen - und Filterbau

Am Rotböhl 5  
64331 Weiterstadt  
www.naue.de

Tel. 0 61 50 / 97 38 - 0  
Fax. 0 61 50 / 70 18  
Info@naue.de



### Aseptic-Flange with seal face protection

Material	Loose flange	1.4404 / 316 L
	Groove-faced flange	1.4404 / 316 L
Other materials and dimensions upon request		

### STANDARD-DESIGN FOR MANUAL WELDING

Nominal Pressure 16													Nominal Pressure 100		Nominal Pressure 320	
DN	d ISO	D/K	L	L <sub>B</sub>	L <sub>N</sub>	b <sub>B</sub>	b <sub>N</sub>	h	Screws	ds	O-ring	Part n°	Other dimensions upon request	Part n°	Other dimensions upon request	Part n°
1/2	12,70 x 1,22	60/40	60	30	30	8	10	6	4/8	9	10,0 x 2,5	05-45002		05-52002		05-59002
3/4	19,05 x 1,65	65/45	68	32	36	8	10	6	4/10	11	16,0 x 3,0	05-45004		05-52004		05-59004
1	25,40 x 1,65	85/60	68	32	36	10	12	6	4/10	11	22,0 x 3,0	05-45005		05-52005		05-59005
1 1/2	38,10 x 1,65	95/70	69	33	36	10	12	6	4/10	11	36,0 x 3,0	05-45006		05-52006		05-59006
2	50,80 x 1,65	115/90	73	35	38	10	12	6	4/10	11	48,0 x 3,0	05-45007		05-52007		05-59007
2 1/2	63,50 x 1,65	125/100	73	35	38	10	12	6	4/12	13	61,0 x 3,0	05-45008		05-52008		05-59008
3	76,20 x 1,65	155/122	73	35	38	10	12	6	4/12	13	74,0 x 3,0	05-45009		05-52009		05-59009
3 1/2	88,90 x 2,10	170/135	86	41	45	13	15	6	4/12	13	85,0 x 4,0	05-45010		05-52010		05-59010
4	101,60 x 2,10	200/160	86	41	45	14	16	6	8/12	13	100,0 x 5,0	05-45011		05-52011		05-59011

### ORBITAL-LONG DESIGN FOR AUTOMATIC WELDING

Nominal Pressure 16													Nominal Pressure 100		Nominal Pressure 320	
DN	d ISO	D/K	L	L <sub>B</sub>	L <sub>N</sub>	b <sub>B</sub>	b <sub>N</sub>	h	Screws	ds	O-ring	Part n°	Other dimensions upon request	Part n°	Other dimensions upon request	Part n°
1/2	12,70 x 1,22	60/40	80	40	40	8	10	16	4/8	9	10,0 x 2,5	05-45052		05-52052		05-59052
3/4	19,05 x 1,65	65/45	88	42	46	8	10	16	4/10	11	16,0 x 3,0	05-45054		05-52054		05-59054
1	25,40 x 1,65	85/60	88	42	46	10	12	16	4/10	11	22,0 x 3,0	05-45055		05-52055		05-59055
1 1/2	38,10 x 1,65	95/70	89	43	46	10	12	16	4/10	11	36,0 x 3,0	05-45056		05-52056		05-59056
2	50,80 x 1,65	115/90	93	45	48	10	12	16	4/10	11	48,0 x 3,0	05-45057		05-52057		05-59057
2 1/2	63,50 x 1,65	125/100	93	45	48	10	12	16	4/12	13	61,0 x 3,0	05-45058		05-52058		05-59058
3	76,20 x 1,65	155/122	93	45	48	10	15	16	4/12	13	74,0 x 3,0	05-45059		05-52059		05-59059
3 1/2	88,90 x 2,10	170/135	106	51	55	14	16	16	4/12	13	85,0 x 4,0	05-45060		05-52060		05-59060
4	101,60 x 2,10	200/160	130	64	66	15	16	30	8/12	13	100,0 x 5,0	05-45061		05-52061		05-59061

Subject to change without notice





# NAUE GmbH

**Sondermaschinen - und Filterbau**

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Tel. 0 61 50 / 97 38 0  
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## NAUE-Aseptic Technology

### Aseptic clamp union with seal face protection

Sterility and cleanliness in Biotechnology and Pharmacy can only be realized permanent by using construction elements with most optimal method of construction. The Naue-aseptic clamp union is one of these construction elements.

The present aseptic clamp union is a perfect tube connection which can be used in Bio-Chemistry, Chemistry, Pharmacy and food processing industry.

- The Naue-aseptic clamp union can be used for the production of durable tube connections without using tools.
- The construction of the aseptic clamp union is such that the O-ring ends in line with the inner surface of the tube. We herewith avoid inner gaps, reduction of the cross section, deep edges and cracks.
- It is chemically extremely resistant.
- Standard material is 1.4571 and 1.4435, on request 1.4539 and Hasteloy C4 etc.
- As seal material any O-ring quality can be used. EPDM is standard.
- Annoying retightening of the connection after the sterilization respectively fluctuation of temperature can be omitted.
- The aseptic clamp union is dimensioned in such a manner that the O-ring can only be deformed defined and not be damaged.
- All pipeline forces are absorbed by the aseptic clamp union without any effect on the seal.
- It is compression-proved up to 10 bar.
- It is internationally introduced.
- It is available from DN 6 up to DN 200 in DIN and ISO, as well as in the American OD-tubing series from 1/4" up to 4".
- It is available in short version (standard) for manual welding as well as in long version (orbital) for automatic welding.
- The clamping seal can also be used by other already existing clamp systems under consideration of the nominal width.
- The piping system can be pigged.
- It is favourable. The additional expenses of this connection are compensated by savings in fabrication.
- The aseptic clamp unions are provided with surface protection, which avoid a damage of the seal surfaces. If there is a damage of the surface protection, this will not influence the closeness.
- The following accessories to complete your product mix are also at your disposal: diaphragm manometers, stainless steel sheathed PTFE tubes, silicone sheathed tubes etc.



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We would like to draw your attention to the fact, that NAUE-aseptic-tube-connections are very precise manufactured quality products, which only represent in their entity the most optimal connection.

It is extremely **important** to use

**„precision-o-rings“**

Therefore we recommend to order replacement o-rings directly with us.

O-rings from other suppliers should only be used after exact control of the dimensions.

**For any information in english, please contact us by**

**Fax: 0049 61 50 70 18**

**Or**

**email [anke.wachsmuth@naue.de](mailto:anke.wachsmuth@naue.de)**



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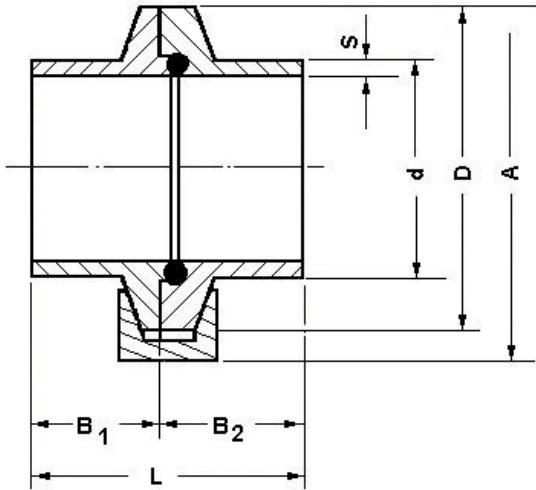


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## Mini-Aseptic-Clamp Union

Material	Clamp	1.4571 / 316 L
	Clamp with slot	1.4571 / 316 L
	Clamping ring	A2
Other materials and dimensions upon request		

### STANDARD-DESIGN FOR MANUAL WELDING

DN	D x s	D	A	B <sub>1</sub>	B <sub>2</sub>	L	bar	O-ring	Part n°	
6		25	32	12	15	27	30		05-27002	<b>ISO</b>
8	10,2 x 1,6	25	32	12	15	27	30	7,5 x 2,5	05-27003	
10	13,5 x 1,6	25	32	12	15	27	30	10,5 x 2,5	05-27004	
12	17,2 x 1,6	25	32	12	15	27	30	15,0 x 3,0	05-27005	
4	6,0 x 1,0	25	32	12	15	27	30	4,0 x 2,0	05-28001	<b>DIN</b>
6	8,0 x 1,0	25	32	12	15	27	30	6,0 x 2,5	05-28002	
8	10,0 x 1,0	25	32	12	15	27	30	8,0 x 2,5	05-28003	
10	12,0 x 1,0	25	32	12	15	27	30	10,5 x 2,5	05-28004	
15	18,0 x 1,5	25	32	12	15	27	30	15,0 x 3,0	05-28005	
10	13,0 x 1,5	25	32	12	15	27	30	10,5 x 2,5	05-30004	<b>DIN Line 2</b>
15	19,0 x 1,5	25	32	12	15	27	30	15,0 x 3,0	05-30005	
1/4	6,35 x 1,22	25	32	12	15	27	30	4,0 x 2,0	05-29001	<b>US o.D. Tubing</b>
3/8	9,53 x 1,25	25	32	12	15	27	30	7,5 x 2,5	05-29002	
1/2	12,70 x 1,65	25	32	12	15	27	30	10,0 x 2,5	05-29003	
3/4	19,50 x 1,65	25	32	12	15	27	30	16,0 x 3,0	05-29004	

### UNIVERSAL-LONG DESIGN FOR AUTOMATIC WELDING

DN	D x s	D	A	B <sub>1</sub>	B <sub>2</sub>	L	bar	O-ring	Part n°	
6		25	32			55	30		05-27025	<b>ISO</b>
8	10,2 x 1,6	25	32			55	30	7,5 x 2,5	05-27026	
10	13,5 x 1,6	25	32			55	30	10,5 x 2,5	05-27027	
12	17,2 x 1,6	25	32			55	30	15,0 x 3,0	05-27028	
4	6,0 x 1,0	25	32			55	30	4,0 x 2,0	05-28024	<b>DIN</b>
6	8,0 x 1,0	25	32			55	30	6,0 x 2,5	05-28025	
8	10,0 x 1,0	25	32			55	30	8,0 x 2,5	05-28026	
10	12,0 x 1,0	25	32			55	30	10,5 x 2,5	05-28027	
15	18,0 x 1,5	25	32			55	30	15,0 x 3,0	05-28028	
10	13,0 x 1,5	25	32			55	30	10,5 x 2,5	05-30027	<b>DIN Line 2</b>
15	19,0 x 1,5	25	32			55	30	15,0 x 3,0	05-30028	
1/4	6,35 x 1,22	25	32			55	30	4,0 x 2,0	05-29024	<b>US o.D. Tubing</b>
3/8	9,53 x 1,25	25	32			55	30	7,5 x 2,5	05-29025	
1/2	12,70 x 1,65	25	32			55	30	10,0 x 2,5	05-29026	
3/4	19,50 x 1,65	25	32			55	30	16,0 x 3,0	05-29027	

Subject to change without notice



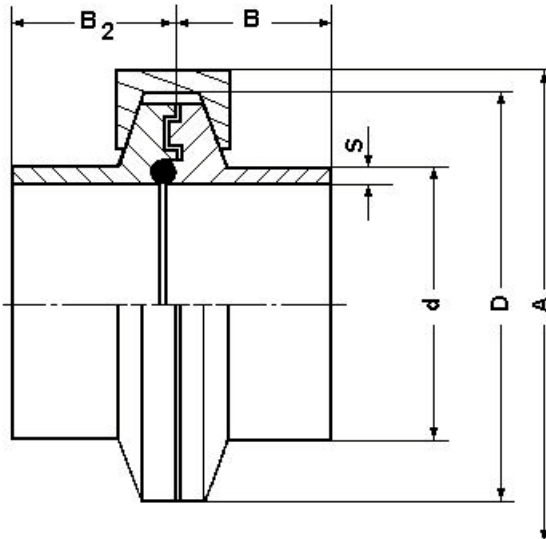
ISO

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## Aseptic-Clamp-Union with two-sided seal face protection

Material	Clamp	1.4571 / 316 L
	Clamp with slot	1.4571 / 316 L
	Clamping ring	A2
Other materials and dimensions upon request		

### STANDARD-DESIGN FOR MANUAL WELDING

DN	d x s	D Ø	A	B	Bar	O-ring	Dimension Clamping ring	Part n°
10	13,5 x 1,6	50,4	60	20	30	10,5 x 2,5	1,5	05-16003
12	17,2 x 1,6	50,4	60	20	30	15,0 x 3,0	1,5	05-16004
15	21,3 x 1,6	50,4	60	20	30	18,5 x 3,2	1,5	05-16005
20	26,9 x 1,6	50,4	60	20	30	25,0 x 3,0	1,5	05-16006
25	33,7 x 2,0	50,4	60	20	30	30,0 x 3,0	1,5	05-16007
32	42,4 x 2,0	64,0	74	20	30	39,0 x 3,0	2,0	05-16008
40	48,3 x 2,0	64,0	74	20	30	45,0 x 3,0	2,0	05-16009
50	60,3 x 2,6	77,4	88	20	25	55,0 x 3,0	2,5	05-16010
65	76,0 x 2,6	91,0	100	20	25	72,0 x 4,0	3,0	05-16011
80	88,9 x 2,6	106,0	115	20	25	84,0 x 4,0	3,5	05-16012
100	114,3 x 2,6	155,0	165	20	25	110,0 x 4,0	5,5	05-16013
150	168,3 x 2,6	220,0	235	30	10	163,0 x 4,0	8 <sup>5</sup> / <sub>8</sub>	05-16015

### UNIVERSAL-LONG DESIGN FOR AUTOMATIC WELDING

DN	d x s	D	A	B	Bar	O-ring	Dimension Clamping ring	Part n°
10	13,5 x 1,6	50,4	60	30	30	10,5 x 2,5	1,5	05-16027
12	17,2 x 1,6	50,4	60	30	30	15,0 x 3,0	1,5	05-16028
15	21,3 x 1,6	50,4	60	30	30	18,5 x 3,2	1,5	05-16029
20	26,9 x 1,6	50,4	60	30	30	25,0 x 3,0	1,5	05-16030
25	33,7 x 2,0	50,4	60	30	30	30,0 x 3,0	1,5	05-16031
32	42,4 x 2,0	64,0	74	30	30	39,0 x 3,0	2,0	05-16032
40	48,3 x 2,0	64,0	74	30	30	45,0 x 3,0	2,0	05-16033
50	60,3 x 2,6	77,4	88	30	25	55,0 x 3,0	2,5	05-16034
65	76,0 x 2,6	91,0	100	30	25	72,0 x 4,0	3,0	05-16035
80	88,9 x 2,6	106,0	115	30	25	84,0 x 4,0	3,5	05-16036
100	114,3 x 2,6	155,0	165	30	25	110,0 x 4,0	5,5	05-16037
150	168,3 x 2,6	220,0	235	35	10	163,0 x 4,0	8 <sup>5</sup> / <sub>8</sub>	05-16038

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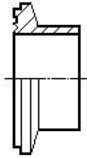
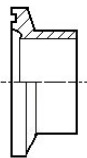
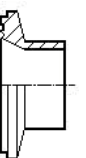
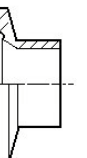


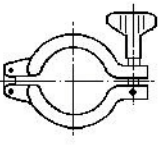




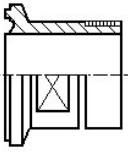
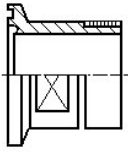
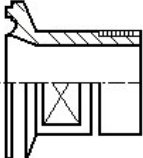
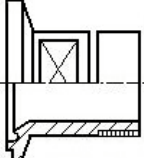
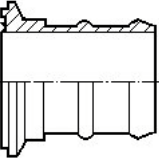
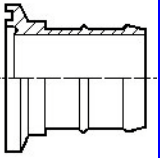
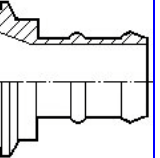
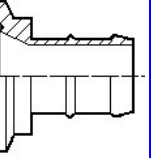
ISO

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DN	Clamp ISO	Clamp with slot ISO	Clamp reduced ISO	Clamp with slot reduced ISO	Blind cap ISO	Blind cap with slot ISO	Clamping ring ISO
10	05-16128	05-16103	05-16228	05-16253	05-16303	05-16353	05-00001
12	05-16129	05-16104	05-16229	05-16254	05-16304	05-16354	05-00001
15	05-16130	05-16105	05-16230	05-16255	05-16305	05-16355	05-00001
20	05-16131	05-16106	05-16231	05-16256	05-16306	05-16356	05-00001
25	05-16132	05-16107	05-16232	05-16257	05-16307	05-16357	05-00001
32	05-16133	05-16108	05-16233	05-16258	05-16308	05-16358	05-00002
40	05-16134	05-16109	05-16234	05-16259	05-16309	05-16359	05-00002
50	05-16135	05-16110	05-16235	05-16260	05-16310	05-16360	05-00003
65	05-16136	05-16111	05-16236	05-16261	05-16311	05-16361	05-00004
80	05-16137	05-16112	05-16237	05-16262	05-16312	05-16362	05-00005
100	05-16138	05-16113	05-16238	05-16263	05-16313	05-16363	05-00006
150	05-16140	05-16115	05-16240	05-16265	05-16315	05-16365	05-00006
							
DN	Female clamp adapter ISO	Female clamp adapter with slot ISO	Female clamp adapter reduced ISO	Female clamp adapter with slot reduced ISO		Male clamp adapter ISO	Male clamp adapter with slot ISO
10	05-16378	05-16403	05-16428	05-16453		05-16828	05-16853
12	05-16379	05-16404	05-16429	05-16454		05-16829	05-16854
15	05-16380	05-16405	05-16430	05-16455		05-16830	05-16855
20	05-16381	05-16406	05-16431	05-16456		05-16831	05-16856
25	05-16382	05-16407	05-16432	05-16457		05-16832	05-16857
32	05-16383	05-16408	05-16433	05-16458		05-16833	05-16858
40	05-16384	05-16409	05-16434	05-16459		05-16834	05-16859
50	05-16385	05-16410	05-16435	05-16460		05-16835	05-16860
65	05-16386	05-16411	05-16436	05-16461		05-16836	05-16861
80	05-16387	05-16412	05-16437	05-16462		05-16837	05-16862
100	05-16388	05-16413	05-16438	05-16463		05-16838	05-16863
150	05-16390	05-16415	05-16440	05-16465		05-16840	05-16865
							
DN	Male clamp adapter reduced ISO	Male clamp adapter with slot reduced ISO	Clamp hose fitting ISO	Clamp hose fitting with slot ISO	Clamp hose fitting reduced ISO	Clamp hose fitting with slot reduced ISO	
10	05-16878	05-16903	05-16728	05-16703	05-16803	05-16778	
12	05-16879	05-16904	05-16729	05-16704	05-16804	05-16779	
15	05-16880	05-16905	05-16730	05-16705	05-16805	05-16780	
20	05-16881	05-16906	05-16731	05-16706	05-16806	05-16781	
25	05-16882	05-16907	05-16732	05-16707	05-16807	05-16782	
32	05-16883	05-16908	05-16733	05-16708	05-16808	05-16783	
40	05-16884	05-16909	05-16734	05-16709	05-16809	05-16784	
50	05-16885	05-16910	05-16735	05-16710	05-16810	05-16785	
65	05-16886	05-16911	05-16736	05-16711	05-16811	05-16786	
80	05-16887	05-16912	05-16737	05-16712	05-16812	05-16787	
100	05-16888	05-16913	05-16738	05-16713	05-16813	05-16788	
150	05-16890	05-16915	05-16740	05-16715	05-16815	05-16790	

Subject to change without notice



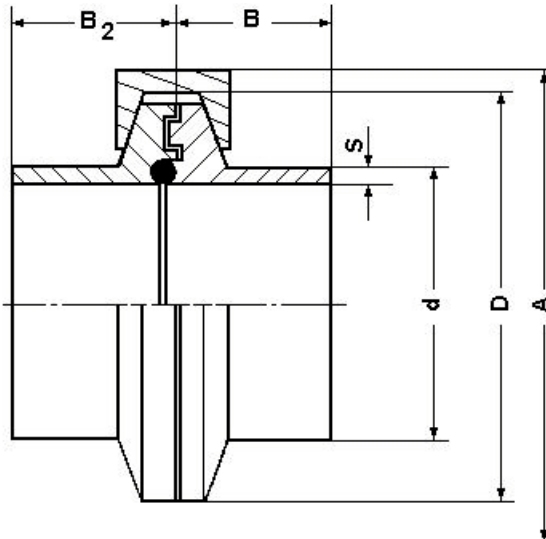
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## Aseptic-Clamp-Union with two-sided seal face protection

Material	Clamp	1.4571 / 316 L
	Clamp with slot	1.4571 / 316 L
	Clamping ring	A2
Other materials and dimensions upon request		

### STANDARD-DESIGN FOR MANUAL WELDING

DN	d x s	D Ø	A	B	Bar	O-ring	Dimension clamping ring	Part n°
10	12,0 x 1,0	50,4	60	20	30	10,5 x 2,5	1,5	05-17003
15	18,0 x 1,5	50,4	60	20	30	15,0 x 3,0	1,5	05-17005
20	22,0 x 1,5	50,4	60	20	30	20,0 x 3,0	1,5	05-17006
25	28,0 x 1,5	50,4	60	20	30	25,0 x 3,0	1,5	05-17007
32	34,0 x 1,5	50,4	60	20	30	30,0 x 3,0	2,0	05-17008
40	40,0 x 1,5	64,0	74	20	30	39,0 x 3,0	2,0	05-17009
50	52,0 x 1,5	77,4	88	20	25	50,0 x 3,0	2,5	05-17010
65	70,0 x 2,0	91,0	100	20	25	66,0 x 4,0	3,0	05-17011
80	85,0 x 2,0	106,0	115	20	25	81,0 x 4,0	3,5	05-17012
100	104,0 x 2,0	119,0	165	20	25	100,0 x 4,0	4,0	05-17013
125	129,0 x 2,0	154,0	166	25	10	125,0 x 4,0	5,5	05-17014
150	154,0 x 2,0	168,0	182	25	10	150,0 x 4,0	6,0	05-17015

### UNIVERSAL-LONG DESIGN FOR AUTOMATIC WELDING

DN	d x s	D Ø	A	B	Bar	O-ring	Dimension clamping ring	Part n°
10	12,0 x 1,0	50,4	60	30	30	10,5 x 2,5	1,5	05-17027
15	18,0 x 1,5	50,4	60	30	30	15,0 x 3,0	1,5	05-17029
20	22,0 x 1,5	50,4	60	30	30	20,0 x 3,0	1,5	05-17030
25	28,0 x 1,5	50,4	60	30	30	25,0 x 3,0	1,5	05-17031
32	34,0 x 1,5	50,4	60	30	30	30,0 x 3,0	2,0	05-17032
40	40,0 x 1,5	64,0	74	30	30	39,0 x 3,0	2,0	05-17033
50	52,0 x 1,5	77,4	88	30	25	50,0 x 3,0	2,5	05-17034
65	70,0 x 2,0	91,0	100	30	25	66,0 x 4,0	3,0	05-17035
80	85,0 x 2,0	106,0	115	30	25	81,0 x 4,0	3,5	05-17036
100	104,0 x 2,0	119,0	133	30	25	100,0 x 4,0	4,0	05-17037
125	129,0 x 2,0	154,0	166	35	10	125,0 x 4,0	5,5	05-17038
150	154,0 x 2,0	168,0	182	35	10	150,0 x 4,0	6,0	05-17039

Subject to change without notice



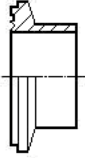

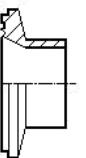
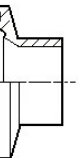


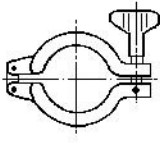


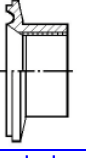

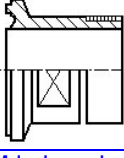
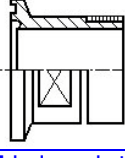
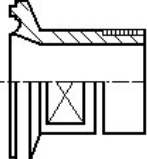
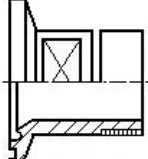
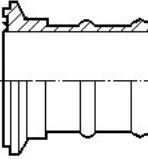
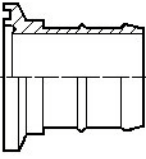
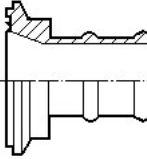
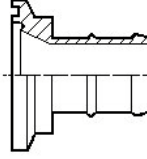
**DIN**

# NAUE GmbH

**Sondermaschinen - und Filterbau**

Am Rotböhl 5  
64331 Weiterstadt

Tel. 0 61 50 / 97 38 - 0  
Fax. 0 61 50 / 70 18

							
DN	Clamp DIN	Clamp with slot DIN	Clamp reduced DIN	Clamp with slot reduced DIN	Blind cap DIN	Blind cap with slot DIN	Clamping ring
10	05-17128	05-17103	05-17228	05-17253	05-17303	05-17353	05-00001
15	05-17130	05-17105	05-17230	05-17255	05-17305	05-17355	05-00001
20	05-17131	05-17106	05-17231	05-17256	05-17306	05-17356	05-00001
25	05-17132	05-17107	05-17232	05-17257	05-17307	05-17357	05-00001
32	05-17133	05-17108	05-17233	05-17258	05-17308	05-17358	05-00002
40	05-17134	05-17109	05-17234	05-17259	05-17309	05-17359	05-00002
50	05-17135	05-17110	05-17235	05-17260	05-17310	05-17360	05-00003
65	05-17136	05-17111	05-17236	05-17261	05-17311	05-17361	05-00004
80	05-17137	05-17112	05-17237	05-17262	05-17312	05-17362	05-00005
100	05-17138	05-17113	05-17238	05-17263	05-17313	05-17363	05-00006
150	05-17140	05-17115	05-17240	05-17265	05-17315	05-17365	05-00006
							
DN	Female clamp adapter DIN	Female clamp adapter with slot DIN	Female clamp adapter reduced DIN	Female clamp adapter reduced with slot DIN		Male clamp adapter DIN	Male clamp adapter with slot DIN
10	05-17378	05-17403	05-17428	05-17453		05-17828	05-17853
15	05-17380	05-17405	05-17430	05-17455		05-17830	05-17855
20	05-17381	05-17406	05-17431	05-17456		05-17831	05-17856
25	05-17382	05-17407	05-17432	05-17457		05-17832	05-17857
32	05-17383	05-17408	05-17433	05-17458		05-17833	05-17858
40	05-17384	05-17409	05-17434	05-17459		05-17834	05-17859
50	05-17385	05-17410	05-17435	05-17460		05-17835	05-17860
65	05-17386	05-17411	05-17436	05-17461		05-17836	05-17861
80	05-17387	05-17412	05-17437	05-17462		05-17837	05-17862
100	05-17388	05-17413	05-17438	05-17463		05-17838	05-17863
150	05-17390	05-17415	05-17440	05-17465		05-17840	05-17865
							
DN	Male clamp adapter DIN	Male clamp adapter with slot DIN	Clamp hose fitting DIN	Clamp hose fitting with slot DIN	Clamp hose fitting reduced DIN	Clamp hose fitting reduced with slot DIN	
10	05-17878	05-17903	05-17728	05-17703	05-17803	05-17778	
15	05-17880	05-17905	05-17730	05-17705	05-17805	05-17780	
20	05-17881	05-17906	05-17731	05-17706	05-17806	05-17781	
25	05-17882	05-17907	05-17732	05-17707	05-17807	05-17782	
32	05-17883	05-17908	05-17733	05-17708	05-17808	05-17783	
40	05-17884	05-17909	05-17734	05-17709	05-17809	05-17784	
50	05-17885	05-17910	05-17735	05-17710	05-17810	05-17785	
65	05-17886	05-17911	05-17736	05-17711	05-17811	05-17786	
80	05-17887	05-17912	05-17737	05-17712	05-17812	05-17787	
100	05-17888	05-17913	05-17738	05-17713	05-17813	05-17788	
150	05-17890	05-17915	05-17740	05-17715	05-17815	05-17790	

Subject to change without notice

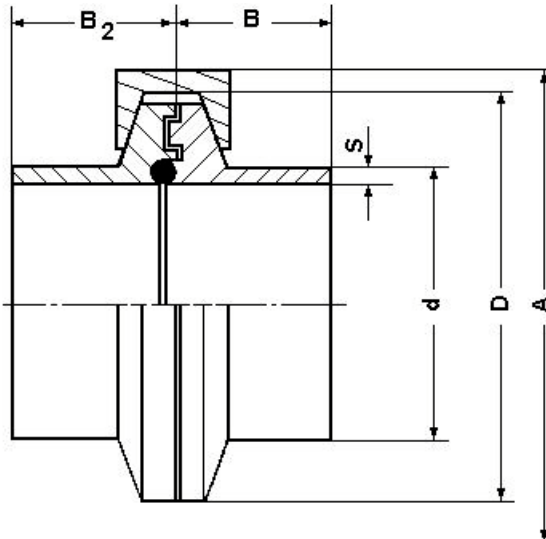


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Sondermaschinen - und Filterbau

Am Rotböhl 5  
64331 Weiterstadt

Tel. 0 61 50 / 97 38 - 0  
Fax. 0 61 50 / 70 18



## Aseptic-Clamp Union with two-sided seal face protection

Material	Clamp	1.4571 / 316 L
	Clamp with slot	1.4571 / 316 L
	Clamping ring	A2
Other materials and dimensions upon request		

### STANDARD-DESIGN FOR MANUAL WELDING

DN	d x s	D Ø	A	B	bar	O-ring	Dimension clamping ring	Part n°
10	13,0 x 1,5	50,4	60	20	30	10,5 x 2,5	1,5	05-20003
15	19,0 x 1,5	50,4	60	20	30	16,0 x 3,0	1,5	05-20005
20	23,0 x 1,5	50,4	60	20	30	20,0 x 3,0	1,5	05-20006
25	29,0 x 1,5	50,4	60	20	30	26,0 x 3,0	1,5	05-20007
32	35,0 x 1,5	50,4	60	20	30	32,0 x 3,0	1,5	05-20008
40	41,0 x 1,5	64,0	74	20	30	38,0 x 3,0	2,0	05-20009
50	53,0 x 1,5	77,4	88	20	25	50,0 x 3,0	2,5	05-20010

### UNIVERSAL-LONG DESIGN FOR AUTOMATIC WELDING

DN	d x s	D Ø	A	B	bar	O-ring	Dimension Clamping ring	Part n°
10	13,0 x 1,5	50,4	60	30	30	10,5 x 2,5	1,5	05-20027
15	19,0 x 1,5	50,4	60	30	30	16,0 x 3,0	1,5	05-20029
20	23,0 x 1,5	50,4	60	30	30	20,0 x 3,0	1,5	05-20030
25	29,0 x 1,5	50,4	60	30	30	26,0 x 3,0	1,5	05-20031
32	35,0 x 1,5	50,4	60	30	30	32,0 x 3,0	1,5	05-20032
40	41,0 x 1,5	64,0	74	30	30	38,0 x 3,0	2,0	05-20033
50	53,0 x 1,5	77,4	88	30	25	50,0 x 3,0	2,5	05-20034

Subject to change without notice





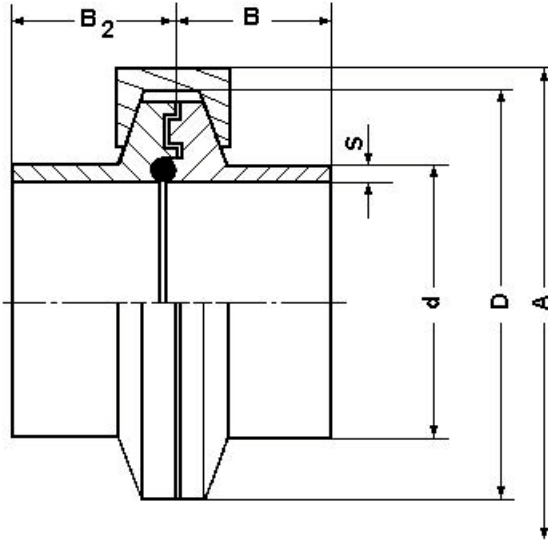
US  
o.D. Tubing

# NAUE GmbH

**Sondermaschinen - und Filterbau**

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**Aseptic-clamp union**  
with two-sided seal face protection

Material	Clamp	1.4571 / 316 L
	Clamp with slot	1.4571 / 316 L
	Clamping ring	A2
Other materials and dimensions upon request		

## STANDARD-DESIGN FOR MANUAL WELDING

OD	d x s	D Ø	A	B	bar	O-ring	Dimension clamping ring	Part n°
½	12,70 x 1,65	50,4	60		30	10,0 x 2,5	1,5	05-18003
¾	19,05 x 1,65	50,4	60		30	16,0 x 3,0	1,5	05-18005
1	25,40 x 1,65	50,4	60		30	22,0 x 3,0	1,5	05-18007
1 ½	38,10 x 1,65	64,0	74		30	36,0 x 3,0	2,0	05-18009
2	50,80 x 1,65	77,4	88		25	48,0 x 3,0	2,5	05-18010
2 ½	63,50 x 1,65	91,0	100		25	61,0 x 4,0	3,0	05-18011
3	76,20 x 1,65	106,0	115		25	74,0 x 4,0	3,5	05-18012
4	101,60 x 2,10	118,0	130		25	100,0 x 5,0	4,0	05-18013

## UNIVERSAL-LONG DESIGN FOR AUTOMATIC WELDING

OD	d x s	D Ø	A	B	bar	O-ring	Dimension Clamping ring	Part n°
½	12,70 x 1,65	50,4	60	20	30	10,0 x 2,5	1,5	05-18027
¾	19,05 x 1,65	50,4	60	20	30	16,0 x 3,0	1,5	05-18029
1	25,40 x 1,65	50,4	60	20	30	22,0 x 3,0	1,5	05-18031
1 ½	38,10 x 1,65	64,0	74	20	30	36,0 x 3,0	2,0	05-18033
2	50,80 x 1,65	77,4	88	20	25	48,0 x 3,0	2,5	05-18034
2 ½	63,50 x 1,65	91,0	100	20	25	61,0 x 4,0	3,0	05-18035
3	76,20 x 1,65	106,0	115	20	25	74,0 x 4,0	3,5	05-18036
4	101,60 x 2,10	118,0	130	20	25	100,0 x 5,0	4,0	05-18037

Subject to change without notice

