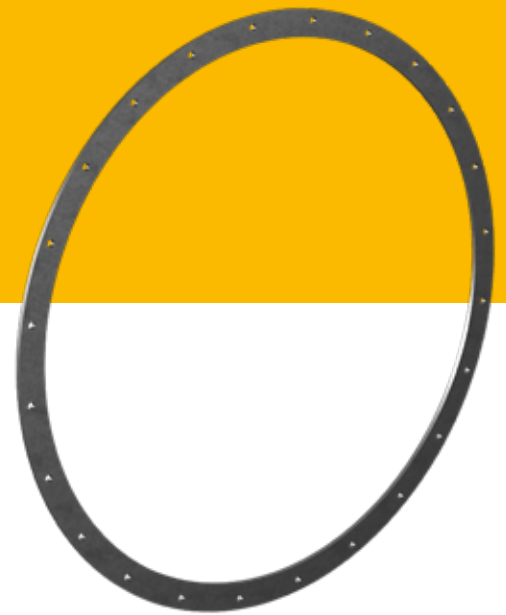


DIN24154 Annex I Part 1

July 1990 Issue

Flat flanges for HVAC Systems

In part identical with EN 12220

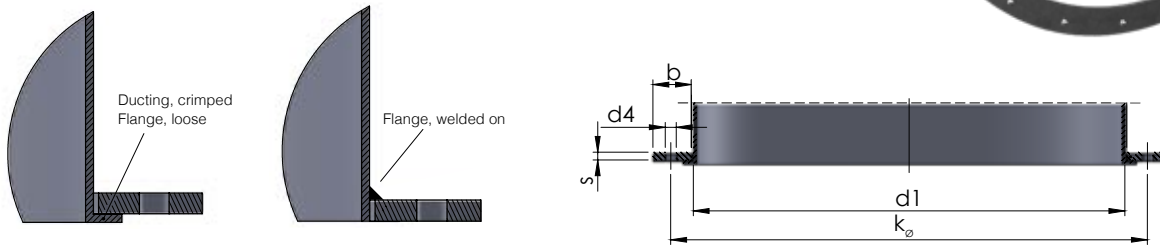


Material

1.0038 mild & galvanized steel

1.4301, 1.4571

further materials on request



DN Nominal Diameter	Inside- ϕ d1	Material Dimensions (b x s)	Pitch Circle Diameter k_{ϕ}	N ^o of Bolt Holes	Bolt- Hole- ϕ d4	Weight	Part N ^o 1.0038 mild	Part N ^o 1.0038 galvanized	Part N ^o 1.4301	Part N ^o 1.4571
71	73	25 x 3	103	4	9,5	0,17	I-73	I-73-V	I-73-01	I-73-71
80	82	25 x 3	112	4	9,5	0,19	I-82	I-82-V	I-82-01	I-82-71
90	92	25 x 3	122	4	9,5	0,21	I-92	I-92-V	I-92-01	I-92-71
100	102	25 x 3	132	4	9,5	0,23	I-102	I-102-V	I-102-01	I-102-71
112	114	25 x 3	144	4	9,5	0,25	I-114	I-114-V	I-114-01	I-114-71
125	127	25 x 3	157	4	9,5	0,27	I-127	I-127-V	I-127-01	I-127-71
140	142	25 x 4	172	6	9,5	0,40	I-142	I-142-V	I-142-01	I-142-71
150*	152	25 x 4	185	6	9,5	0,42	I-152	I-152-V	I-152-01	I-152-71
160	162	25 x 4	192	6	9,5	0,45	I-162	I-162-V	I-162-01	I-162-71
180	182	25 x 4	212	6	9,5	0,50	I-182	I-182-V	I-182-01	I-182-71
200	203	25 x 4	233	6	9,5	0,55	I-203	I-203-V	I-203-01	I-203-71
224	227	25 x 4	257	6	9,5	0,61	I-227	I-227-V	I-227-01	I-227-71
250	253	25 x 4	283	6	9,5	0,67	I-253	I-253-V	I-253-01	I-253-71
280	283	30 x 4	317	8	9,5	0,91	I-283	I-283-V	I-283-01	I-283-71
300**	303	30 x 4	339	8	9,5	0,97	I-303	I-303-V	I-303-01	I-303-71
315	318	30 x 4	352	8	9,5	1,01	I-318	I-318-V	I-318-01	I-318-71
355	358	30 x 4	392	8	9,5	1,13	I-358	I-358-V	I-358-01	I-358-71
400	404	30 x 4	438	8	9,5	1,27	I-404	I-404-V	I-404-01	I-404-71
450	454	30 x 4	488	8	9,5	1,41	I-454	I-454-V	I-454-01	I-454-71
500	504	30 x 4	538	8	9,5	1,56	I-504	I-504-V	I-504-01	I-504-71
560	564	35 x 4	600	12	9,5	2,04	I-564	I-564-V	I-564-01	I-564-71
600	606	35 x 4	641	12	9,5	2,19	I-606	I-606-V	I-606-01	I-606-71
630	634	35 x 4	670	12	9,5	2,28	I-634	I-634-V	I-634-01	I-634-71
710	714	35 x 4	750	12	9,5	2,56	I-714	I-714-V	I-714-01	I-714-71
800	804	35 x 4	840	16	9,5	2,86	I-804	I-804-V	I-804-01	I-804-71
900	904	35 x 4	940	16	9,5	3,21	I-904	I-904-V	I-904-01	I-904-71
1000	1005	35 x 4	1041	16	9,5	3,56	I-1005	I-1005-V	I-1005-01	I-1005-71
1120	1125	40 x 5	1169	24	9,5	5,68	I-1125	I-1125-V	I-1125-01	I-1125-71
1250	1255	40 x 5	1299	24	9,5	6,32	I-1255	I-1255-V	I-1255-01	I-1255-71
1400	1405	40 x 5	1449	24	9,5	7,06	I-1405	I-1405-V	I-1405-01	I-1405-71
1600	1605	40 x 5	1649	24	9,5	8,05	I-1605	I-1605-V	I-1605-01	I-1605-71
1800	1805	40 x 5	1849	24	9,5	9,03	I-1805	I-1805-V	I-1805-01	I-1805-71
2000	2005	40 x 5	2049	24	9,5	10,02	I-2005	I-2005-V	I-2005-01	I-2005-71

All measurements are in millimetres and weights in kg.

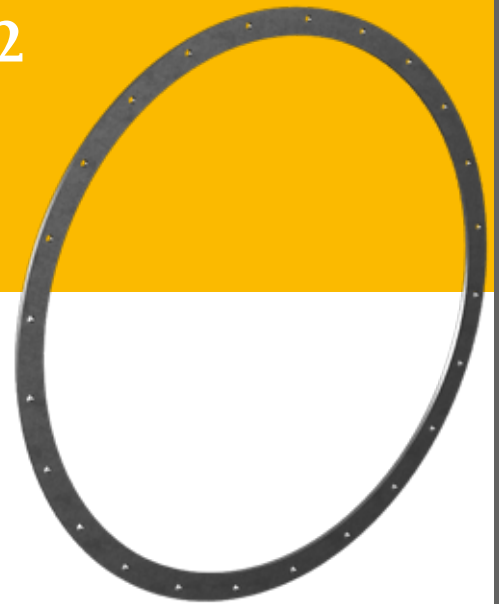
In part identical to the European standard EN 12220 (July 1998 Issue)

* EN 12220 (DN150) stipulates a bolt circle $k_{\phi} = 182$ mm **EN 12220 (DN300) stipulates a bolt circle $k_{\phi} = 337$ mm

DIN24154 Annex II Part 2

July 1990 Issue

Flat flanges for HVAC Systems

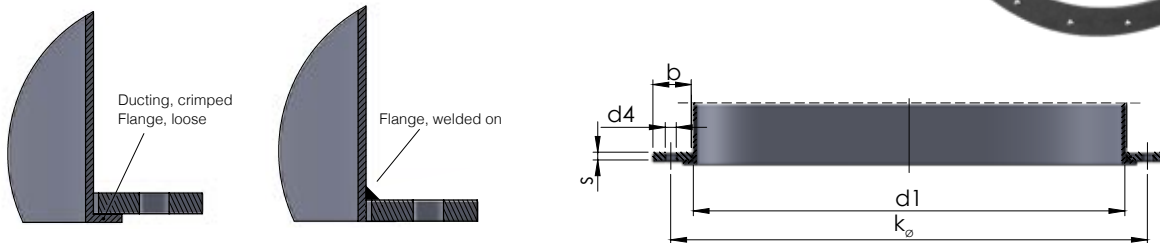


Material

1.0038 mild & galvanized steel

1.4301, 1.4571

further materials on request



DN Nominal Diameter	Inside- ϕ d1	Material Dimensions (b x s)	Pitch Circle Diameter k_{ϕ}	N $^{\circ}$ of Bolt Holes	Bolt- Hole- ϕ d4	Weight	Part N $^{\circ}$ 1.0038 mild	Part N $^{\circ}$ 1.0038 galvanized	Part N $^{\circ}$ 1.4301	Part N $^{\circ}$ 1.4571
71	73	30 x 6	110	4	9,5	0,44	II-73	II-73-V	II-73-01	II-73-71
80	82	30 x 6	118	4	9,5	0,48	II-82	II-82-V	II-82-01	II-82-71
90	92	30 x 6	128	4	9,5	0,53	II-92	II-92-V	II-92-01	II-92-71
100	102	30 x 6	139	4	9,5	0,57	II-102	II-102-V	II-102-01	II-102-71
112	114	30 x 6	151	4	9,5	0,63	II-114	II-114-V	II-114-01	II-114-71
125	127	30 x 6	165	4	9,5	0,68	II-127	II-127-V	II-127-01	II-127-71
140	142	35 x 6	182	8	11,5	0,88	II-142	II-142-V	II-142-01	II-142-71
150	152	35 x 6	191	8	11,5	0,93	II-152	II-152-V	II-152-01	II-152-71
160	162	35 x 6	200	8	11,5	0,98	II-162	II-162-V	II-162-01	II-162-71
180	182	35 x 6	219	8	11,5	1,08	II-182	II-182-V	II-182-01	II-182-71
200	203	35 x 6	241	8	11,5	1,19	II-203	II-203-V	II-203-01	II-203-71
224	227	35 x 6	265	8	11,5	1,32	II-227	II-227-V	II-227-01	II-227-71
250	253	35 x 6	292	8	11,5	1,45	II-253	II-253-V	II-253-01	II-253-71
280	283	40 x 8	332	8	11,5	2,50	II-283	II-283-V	II-283-01	II-283-71
300	303	40 x 8	349	8	11,5	2,65	II-303	II-303-V	II-303-01	II-303-71
315	318	40 x 8	366	8	11,5	2,77	II-318	II-318-V	II-318-01	II-318-71
355	358	40 x 8	405	8	11,5	3,09	II-358	II-358-V	II-358-01	II-358-71
400	404	40 x 8	448	12	11,5	3,43	II-404	II-404-V	II-404-01	II-404-71
450	454	40 x 8	497	12	11,5	3,82	II-454	II-454-V	II-454-01	II-454-71
500	504	40 x 8	551	12	11,5	4,21	II-504	II-504-V	II-504-01	II-504-71
560	564	50 x 8	629	16	14	5,90	II-564	II-564-V	II-564-01	II-564-71
600	605	50 x 8	665	16	14	6,31	II-605	II-605-V	II-605-01	II-605-71
630	634	50 x 8	698	16	14	6,59	II-634	II-634-V	II-634-01	II-634-71
710	714	50 x 8	775	16	14	7,38	II-714	II-714-V	II-714-01	II-714-71
800	804	50 x 8	861	24	14	8,19	II-804	II-804-V	II-804-01	II-804-71
900	904	50 x 8	958	24	14	9,18	II-904	II-904-V	II-904-01	II-904-71
1000	1005	50 x 8	1067	24	14	10,18	II-1005	II-1005-V	II-1005-01	II-1005-71
1120	1125	60 x 10	1200	32	18	16,90	II-1125	II-1125-V	II-1125-01	II-1125-71
1250	1255	60 x 10	1337	32	18	18,82	II-1255	II-1255-V	II-1255-01	II-1255-71
1400	1405	60 x 10	1475	32	18	21,04	II-1405	II-1405-V	II-1405-01	II-1405-71
1600	1605	60 x 10	1675	40	18	23,84	II-1605	II-1605-V	II-1605-01	II-1605-71
1800	1805	60 x 10	1875	40	18	26,80	II-1805	II-1805-V	II-1805-01	II-1805-71
2000	2005	60 x 10	2073	40	18	29,76	II-2005	II-2005-V	II-2005-01	II-2005-71

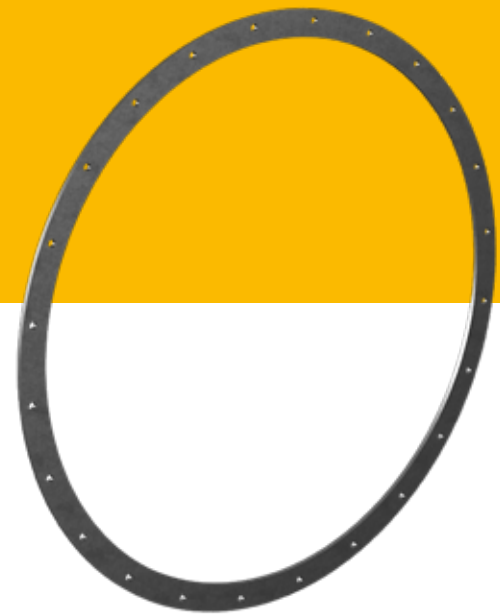
All measurements are in millimetres and weights in kg.

Flanges

DIN24154 Annex 3 fixed

July 1966 Issue

Flat flanges for HVAC Systems

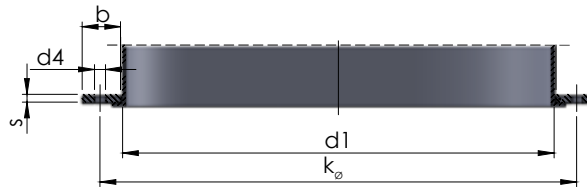
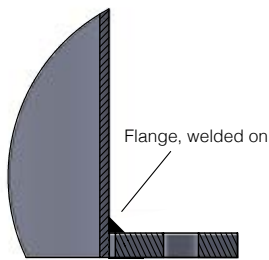


Material

1.0038 mild & galvanized steel

1.4301, 1.4571

further materials on request



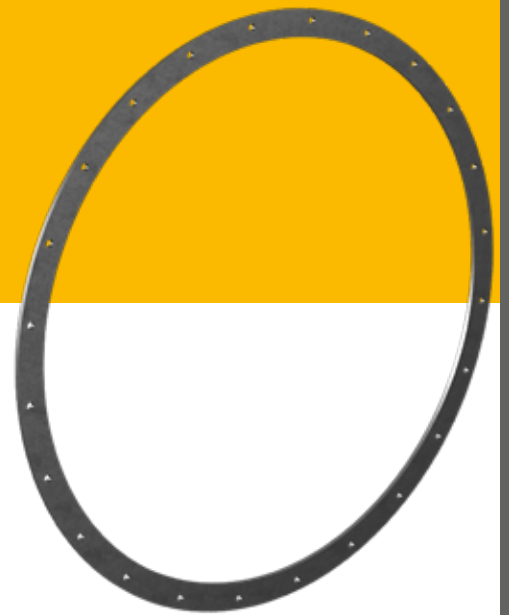
DN Nominal Diameter	Inside-ø d1	Material Dimensions (b x s)	Pitch Circle Diameter k _ø	N° of Bolt Holes	Bolt- Hole-ø d4	Weight	Part N° 1.0038 mild	Part N° 1.0038 galvanized	Part N° 1.4301	Part N° 1.4571
63	68	20 x 4	92	4	7	0,17	3-68	3-68-V	3-68-01	3-68-71
71	76	20 x 4	100	4	7	0,18	3-76	3-76-V	3-76-01	3-76-71
80	84	20 x 4	108	4	7	0,20	3-84	3-84-V	3-84-01	3-84-71
90	94	20 x 4	118	4	7	0,22	3-94	3-94-V	3-94-01	3-94-71
100	105	20 x 4	129	4	7	0,24	3-105	3-105-V	3-105-01	3-105-71
112	117	20 x 4	141	4	7	0,27	3-117	3-117-V	3-117-01	3-117-71
125	131	20 x 4	155	4	7	0,29	3-131	3-131-V	3-131-01	3-131-71
140	146	25 x 5	176	6	7	0,52	3-146	3-146-V	3-146-01	3-146-71
150	155	25 x 5	185	6	7	0,55	3-155	3-155-V	3-155-01	3-155-71
160	164	25 x 5	194	6	7	0,57	3-164	3-164-V	3-164-01	3-164-71
180	183	25 x 5	213	6	7	0,63	3-183	3-183-V	3-183-01	3-183-71
200	205	25 x 5	235	6	7	0,70	3-205	3-205-V	3-205-01	3-205-71
224	229	25 x 5	259	6	7	0,77	3-229	3-229-V	3-229-01	3-229-71
250	256	25 x 5	286	6	7	0,86	3-256	3-256-V	3-256-01	3-256-71
280	288	30 x 6	322	8	9,5	1,38	3-288	3-288-V	3-288-01	3-288-71
300	305	30 x 6	339	8	9,5	1,46	3-305	3-305-V	3-305-01	3-305-71
315	322	30 x 6	356	8	9,5	1,54	3-322	3-322-V	3-322-01	3-322-71
350	355	30 x 6	389	8	9,5	1,68	3-355	3-355-V	3-355-01	3-355-71
355	361	30 x 6	395	8	9,5	1,71	3-361	3-361-V	3-361-01	3-361-71
400	404	30 x 6	438	12	9,5	1,89	3-404	3-404-V	3-404-01	3-404-71
450	453	30 x 6	487	12	9,5	2,10	3-453	3-453-V	3-453-01	3-453-71
500	507	30 x 6	541	12	9,5	2,34	3-507	3-507-V	3-507-01	3-507-71
560	569	35 x 6	605	16	11,5	3,05	3-569	3-569-V	3-569-01	3-569-71
600	605	35 x 6	641	16	11,5	3,24	3-605	3-605-V	3-605-01	3-605-71
630	638	35 x 6	674	16	11,5	3,41	3-638	3-638-V	3-638-01	3-638-71
710	715	35 x 6	751	16	11,5	3,81	3-715	3-715-V	3-715-01	3-715-71
800	801	35 x 6	837	24	11,5	4,21	3-801	3-801-V	3-801-01	3-801-71
900	898	35 x 6	934	24	11,5	4,71	3-898	3-898-V	3-898-01	3-898-71
1000	1007	35 x 6	1043	24	11,5	5,28	3-1007	3-1007-V	3-1007-01	3-1007-71
1120	1130	40 x 8	1174	24	11,5	9,08	3-1130	3-1130-V	3-1130-01	3-1130-71
1250	1267	40 x 8	1311	24	11,5	10,16	3-1267	3-1267-V	3-1267-01	3-1267-71
1400	1421	40 x 8	1465	24	11,5	11,37	3-1421	3-1421-V	3-1421-01	3-1421-71
1600	1593	40 x 8	1637	32	11,5	12,68	3-1593	3-1593-V	3-1593-01	3-1593-71
1800	1786	40 x 8	1830	32	11,5	14,20	3-1786	3-1786-V	3-1786-01	3-1786-71
2000	2003	40 x 8	2047	32	11,5	15,91	3-2003	3-2003-V	3-2003-01	3-2003-71

All measurements are in millimetres and weights in kg.

DIN24154 Annex 3 loose

July 1966 Issue

Flat flanges for HVAC Systems

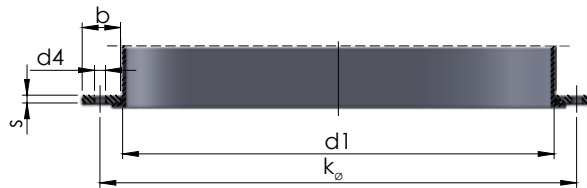
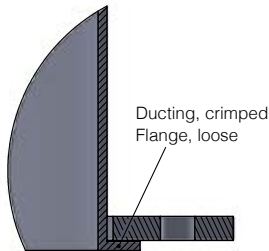


Material

1.0038 mild & galvanized steel

1.4301, 1.4571

further materials on request



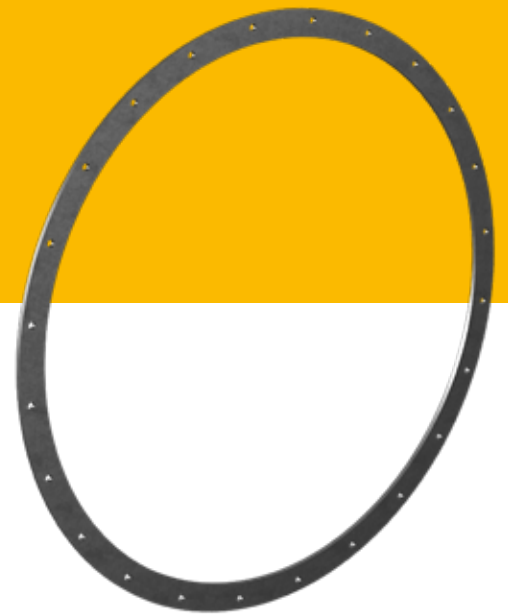
DN Nominal Diameter	Inside-ø d1	Material Dimensions (b x s)	Pitch Circle Diameter k_{\varnothing}	N° of Bolt Holes	Bolt-Hole-ø d4	Weight	Part N° 1.0038 mild	Part N° 1.0038 galvanized	Part N° 1.4301	Part N° 1.4571
63	72	20 x 4	92	4	7	0,18	3-72	3-72-V	3-72-01	3-72-71
71	80	20 x 4	100	4	7	0,19	3-80	3-80-V	3-80-01	3-80-71
80	88	20 x 4	108	4	7	0,21	3-88	3-88-V	3-88-01	3-88-71
90	98	20 x 4	118	4	7	0,23	3-98	3-98-V	3-98-01	3-98-71
100	109	20 x 4	129	4	7	0,25	3-109	3-109-V	3-109-01	3-109-71
112	121	20 x 4	141	4	7	0,27	3-121	3-121-V	3-121-01	3-121-71
125	135	20 x 4	155	4	7	0,30	3-135	3-135-V	3-135-01	3-135-71
140	150	25 x 5	176	6	7	0,53	3-150	3-150-V	3-150-01	3-150-71
150	159	25 x 5	185	6	7	0,56	3-159	3-159-V	3-159-01	3-159-71
160	168	25 x 5	194	6	7	0,59	3-168	3-168-V	3-168-01	3-168-71
180	187	25 x 5	213	6	7	0,64	3-187	3-187-V	3-187-01	3-187-71
200	209	25 x 5	235	6	7	0,71	3-209	3-209-V	3-209-01	3-209-71
224	233	25 x 5	259	6	7	0,79	3-233	3-233-V	3-233-01	3-233-71
250	260	25 x 5	286	6	7	0,87	3-260	3-260-V	3-260-01	3-260-71
280	292	30 x 6	322	8	9,5	1,40	3-292	3-292-V	3-292-01	3-292-71
300	309	30 x 6	339	8	9,5	1,48	3-309	3-309-V	3-309-01	3-309-71
315	326	30 x 6	356	8	9,5	1,55	3-326	3-326-V	3-326-01	3-326-71
350	359	30 x 6	389	8	9,5	1,70	3-359	3-359-V	3-359-01	3-359-71
355	365	30 x 6	395	8	9,5	1,73	3-365	3-365-V	3-365-01	3-365-71
400	408	30 x 6	438	12	9,5	1,90	3-408	3-408-V	3-408-01	3-408-71
450	457	30 x 6	487	12	9,5	2,12	3-457	3-457-V	3-457-01	3-457-71
500	511	30 x 6	541	12	9,5	2,36	3-511	3-511-V	3-511-01	3-511-71
560	573	35 x 6	605	16	11,5	3,07	3-573	3-573-V	3-573-01	3-573-71
600	609	35 x 6	641	16	11,5	3,26	3-609	3-609-V	3-609-01	3-609-71
630	642	35 x 6	674	16	11,5	3,43	3-642	3-642-V	3-642-01	3-642-71
710	719	35 x 6	751	16	11,5	3,83	3-719	3-719-V	3-719-01	3-719-71
800	805	35 x 6	837	24	11,5	4,23	3-805	3-805-V	3-805-01	3-805-71
900	902	35 x 6	934	24	11,5	4,74	3-902	3-902-V	3-902-01	3-902-71
1000	1011	35 x 6	1043	24	11,5	5,30	3-1011	3-1011-V	3-1011-01	3-1011-71
1120	1134	40 x 8	1174	24	11,5	9,11	3-1134	3-1134-V	3-1134-01	3-1134-71
1250	1271	40 x 8	1311	24	11,5	10,19	3-1271	3-1271-V	3-1271-01	3-1271-71
1400	1425	40 x 8	1465	24	11,5	11,40	3-1425	3-1425-V	3-1425-01	3-1425-71
1600	1597	40 x 8	1637	32	11,5	12,71	3-1597	3-1597-V	3-1597-01	3-1597-71
1800	1790	40 x 8	1830	32	11,5	14,23	3-1790	3-1790-V	3-1790-01	3-1790-71
2000	2007	40 x 8	2047	32	11,5	15,95	3-2007	3-2007-V	3-2007-01	3-2007-71

All measurements are in millimetres and weights in kg.

DIN24154 Annex 4 fixed

July 1966 Issue

Flat flanges for HVAC Systems

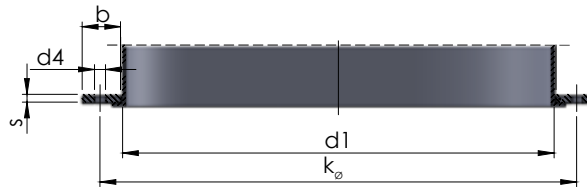
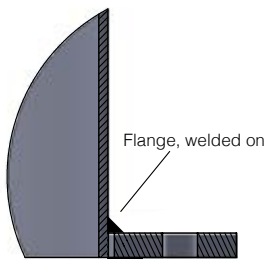


Material

1.0038 mild & galvanized steel

1.4301, 1.4571

further materials on request



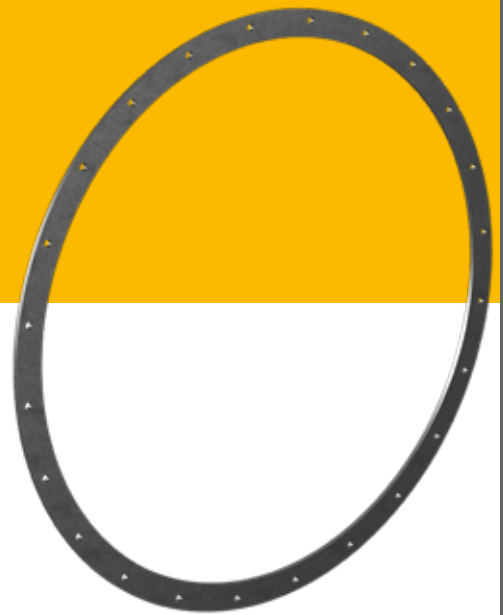
DN Nominal Diameter	Inside-ø d1	Material Dimensions (b x s)	Pitch Circle Diameter k _ø	N° of Bolt Holes	Bolt- Hole-ø d4	Weight	Part N° 1.0038 mild	Part N° 1.0038 galvanized	Part N° 1.4301	Part N° 1.4571
63	68	30 x 6	102	4	9,5	0,42	4-68	4-68-V	4-68-01	4-68-71
71	76	30 x 6	110	4	9,5	0,46	4-76	4-76-V	4-76-01	4-76-71
80	84	30 x 6	118	4	9,5	0,49	4-84	4-84-V	4-84-01	4-84-71
90	94	30 x 6	128	4	9,5	0,54	4-94	4-94-V	4-94-01	4-94-71
100	105	30 x 6	139	4	9,5	0,59	4-105	4-105-V	4-105-01	4-105-71
112	117	30 x 6	151	4	9,5	0,64	4-117	4-117-V	4-117-01	4-117-71
125	131	30 x 6	165	4	9,5	0,70	4-131	4-131-V	4-131-01	4-131-71
140	146	35 x 6	182	8	11,5	0,90	4-146	4-146-V	4-146-01	4-146-71
150	155	35 x 6	191	8	11,5	0,94	4-155	4-155-V	4-155-01	4-155-71
160	164	35 x 6	200	8	11,5	0,99	4-164	4-164-V	4-164-01	4-164-71
180	183	35 x 6	219	8	11,5	1,09	4-183	4-183-V	4-183-01	4-183-71
200	205	35 x 6	241	8	11,5	1,20	4-205	4-205-V	4-205-01	4-205-71
224	229	35 x 6	265	8	11,5	1,33	4-229	4-229-V	4-229-01	4-229-71
250	256	35 x 6	292	8	11,5	1,47	4-256	4-256-V	4-256-01	4-256-71
280	288	40 x 8	332	8	11,5	2,54	4-288	4-288-V	4-288-01	4-288-71
300	305	40 x 8	349	8	11,5	2,67	4-305	4-305-V	4-305-01	4-305-71
315	322	40 x 8	366	8	11,5	2,80	4-322	4-322-V	4-322-01	4-322-71
350	355	40 x 8	399	8	11,5	3,07	4-355	4-355-V	4-355-01	4-355-71
355	361	40 x 8	405	8	11,5	3,11	4-361	4-361-V	4-361-01	4-361-71
400	404	40 x 8	448	12	11,5	3,43	4-404	4-404-V	4-404-01	4-404-71
450	453	40 x 8	497	12	11,5	3,81	4-453	4-453-V	4-453-01	4-453-71
500	507	40 x 8	551	12	11,5	4,24	4-507	4-507-V	4-507-01	4-507-71
560	569	50 x 8	629	16	14	5,95	4-569	4-569-V	4-569-01	4-569-71
600	605	50 x 8	665	16	14	6,31	4-605	4-605-V	4-605-01	4-605-71
630	638	50 x 8	698	16	14	6,63	4-638	4-638-V	4-638-01	4-638-71
710	715	50 x 8	775	16	14	7,39	4-715	4-715-V	4-715-01	4-715-71
800	801	50 x 8	861	24	14	8,16	4-801	4-801-V	4-801-01	4-801-71
900	898	50 x 8	958	24	14	9,12	4-898	4-898-V	4-898-01	4-898-71
1000	1007	50 x 8	1067	24	14	10,19	4-1007	4-1007-V	4-1007-01	4-1007-71
1120	1130	60 x 10	1200	32	18	16,97	4-1130	4-1130-V	4-1130-01	4-1130-71
1250	1267	60 x 10	1337	32	18	19,00	4-1267	4-1267-V	4-1267-01	4-1267-71
1400	1421	60 x 10	1491	32	18	21,27	4-1421	4-1421-V	4-1421-01	4-1421-71
1600	1593	60 x 10	1663	40	18	23,66	4-1593	4-1593-V	4-1593-01	4-1593-71
1800	1786	60 x 10	1856	40	18	26,52	4-1786	4-1786-V	4-1786-01	4-1786-71
2000	2003	60 x 10	2073	40	18	29,73	4-2003	4-2003-V	4-2003-01	4-2003-71

All measurements are in millimetres and weights in kg.

DIN24154 Annex 4 loose

July 1966 Issue

Flat flanges for HVAC Systems

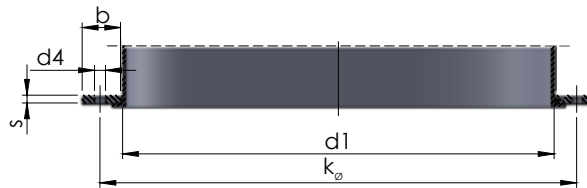
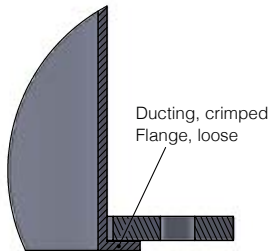


Material

1.0038 mild & galvanized steel

1.4301, 1.4571

further materials on request



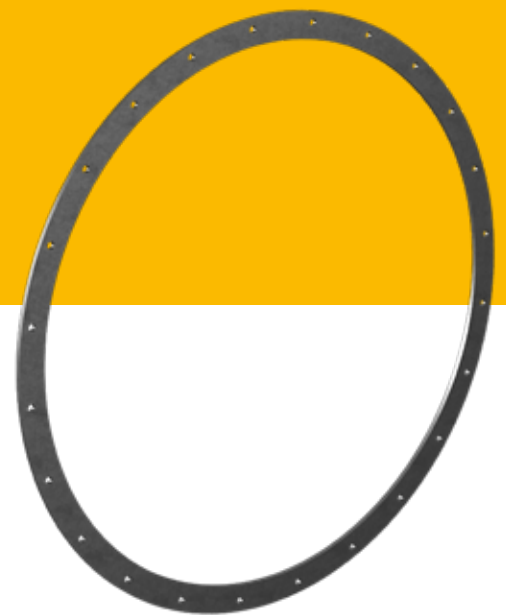
DN Nominal Diameter	Inside-ø d1	Material Dimensions (b x s)	Pitch Circle Diameter $k_ø$	N° of Bolt Holes	Bolt-Hole-ø d4	Weight	Part N° 1.0038 mild	Part N° 1.0038 galvanized	Part N° 1.4301	Part N° 1.4571
63	72	30 x 6	102	4	9,5	0,44	4-72	4-72-V	4-72-01	4-72-71
71	80	30 x 6	110	4	9,5	0,47	4-80	4-80-V	4-80-01	4-80-71
80	88	30 x 6	118	4	9,5	0,51	4-88	4-88-V	4-88-01	4-88-71
90	98	30 x 6	128	4	9,5	0,55	4-98	4-98-V	4-98-01	4-98-71
100	109	30 x 6	139	4	9,5	0,60	4-109	4-109-V	4-109-01	4-109-71
112	121	30 x 6	151	4	9,5	0,66	4-121	4-121-V	4-121-01	4-121-71
125	135	30 x 6	165	4	9,5	0,72	4-135	4-135-V	4-135-01	4-135-71
140	150	35 x 6	182	8	11,5	0,92	4-150	4-150-V	4-150-01	4-150-71
150	159	35 x 6	191	8	11,5	0,97	4-159	4-159-V	4-159-01	4-159-71
160	168	35 x 6	200	8	11,5	1,01	4-168	4-168-V	4-168-01	4-168-71
180	187	35 x 6	219	8	11,5	1,11	4-187	4-187-V	4-187-01	4-187-71
200	209	35 x 6	241	8	11,5	1,22	4-209	4-209-V	4-209-01	4-209-71
224	233	35 x 6	265	8	11,5	1,35	4-233	4-233-V	4-233-01	4-233-71
250	260	35 x 6	292	8	11,5	1,49	4-260	4-260-V	4-260-01	4-260-71
280	292	40 x 8	332	8	11,5	2,57	4-292	4-292-V	4-292-01	4-292-71
300	309	40 x 8	349	8	11,5	2,70	4-309	4-309-V	4-309-01	4-309-71
315	326	40 x 8	366	8	11,5	2,84	4-326	4-326-V	4-326-01	4-326-71
350	359	40 x 8	399	8	11,5	3,10	4-359	4-359-V	4-359-01	4-359-71
355	365	40 x 8	405	8	11,5	3,14	4-365	4-365-V	4-365-01	4-365-71
400	408	40 x 8	448	12	11,5	3,46	4-408	4-408-V	4-408-01	4-408-71
450	457	40 x 8	497	12	11,5	3,84	4-457	4-457-V	4-457-01	4-457-71
500	511	40 x 8	551	12	11,5	4,27	4-511	4-511-V	4-511-01	4-511-71
560	573	50 x 8	629	16	14	5,99	4-573	4-573-V	4-573-01	4-573-71
600	609	50 x 8	665	16	14	6,35	4-609	4-609-V	4-609-01	4-609-71
630	642	50 x 8	698	16	14	6,67	4-642	4-642-V	4-642-01	4-642-71
710	719	50 x 8	775	16	14	7,43	4-719	4-719-V	4-719-01	4-719-71
800	805	50 x 8	861	24	14	8,20	4-805	4-805-V	4-805-01	4-805-71
900	902	50 x 8	958	24	14	9,16	4-902	4-902-V	4-902-01	4-902-71
1000	1011	50 x 8	1067	24	14	10,23	4-1011	4-1011-V	4-1011-01	4-1011-71
1120	1134	60 x 10	1200	32	18	17,03	4-1134	4-1134-V	4-1134-01	4-1134-71
1250	1271	60 x 10	1337	32	18	19,06	4-1271	4-1271-V	4-1271-01	4-1271-71
1400	1425	60 x 10	1491	32	18	21,33	4-1425	4-1425-V	4-1425-01	4-1425-71
1600	1597	60 x 10	1663	40	18	23,72	4-1597	4-1597-V	4-1597-01	4-1597-71
1800	1790	60 x 10	1856	40	18	26,58	4-1790	4-1790-V	4-1790-01	4-1790-71
2000	2007	60 x 10	2073	40	18	29,79	4-2007	4-2007-V	4-2007-01	4-2007-71

All measurements are in millimetres and weights in kg.

DIN24154 Annex 5

October 1975 Issue

Flat flanges for HVAC Systems

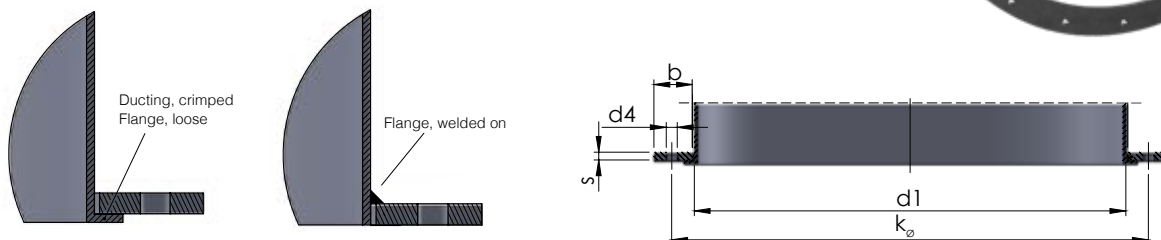


Material

1.0038 mild & galvanized steel

1.4301, 1.4571

further materials on request



DN Nominal Diameter	Inside- ϕ d1	Material Dimensions (b x s)	Pitch Circle Diameter k_{ϕ}	N° of Bolt Holes	Bolt- Hole- ϕ d4	Weight	Part N° 1.0038 mild	Part N° 1.0038 galvanized	Part N° 1.4301	Part N° 1.4571
71	73	25 x 4	100	4	7	0,24	5-73	5-73-V	5-73-01	5-73-71
80	82	25 x 4	108	4	7	0,26	5-82	5-82-V	5-82-01	5-82-71
90	92	25 x 4	118	4	7	0,28	5-92	5-92-V	5-92-01	5-92-71
100	102	25 x 4	129	4	7	0,31	5-102	5-102-V	5-102-01	5-102-71
112	114	25 x 4	141	4	7	0,34	5-114	5-114-V	5-114-01	5-114-71
125	127	25 x 4	155	4	7	0,37	5-127	5-127-V	5-127-01	5-127-71
140	142	30 x 4	176	6	7	0,50	5-142	5-142-V	5-142-01	5-142-71
150	152	30 x 4	185	6	7	0,53	5-152	5-152-V	5-152-01	5-152-71
160	162	30 x 4	194	6	7	0,56	5-162	5-162-V	5-162-01	5-162-71
180	182	30 x 4	213	6	7	0,62	5-182	5-182-V	5-182-01	5-182-71
200	203	30 x 4	235	6	7	0,68	5-203	5-203-V	5-203-01	5-203-71
224	227	30 x 4	259	6	7	0,75	5-227	5-227-V	5-227-01	5-227-71
250	253	30 x 4	286	6	7	0,83	5-253	5-253-V	5-253-01	5-253-71
280	283	35 x 5	322	8	9,5	0,91	5-283	5-283-V	5-283-01	5-283-71
300	303	35 x 5	342	8	9,5	1,44	5-303	5-303-V	5-303-01	5-303-71
315	318	35 x 5	356	8	9,5	1,50	5-318	5-318-V	5-318-01	5-318-71
355	358	35 x 5	395	8	9,5	1,67	5-358	5-358-V	5-358-01	5-358-71
400	404	35 x 5	438	12	9,5	1,86	5-404	5-404-V	5-404-01	5-404-71
450	454	35 x 5	487	12	9,5	2,08	5-454	5-454-V	5-454-01	5-454-71
500	504	35 x 5	541	12	9,5	2,29	5-504	5-504-V	5-504-01	5-504-71
560	564	45 x 6	629	16	11,5	3,98	5-564	5-564-V	5-564-01	5-564-71
600	606	45 x 6	666	16	11,5	4,26	5-606	5-606-V	5-606-01	5-606-71
630	636	45 x 6	698	16	11,5	4,44	5-636	5-636-V	5-636-01	5-636-71
710	714	45 x 6	775	16	11,5	4,98	5-714	5-714-V	5-714-01	5-714-71
800	804	45 x 6	861	24	11,5	5,54	5-804	5-804-V	5-804-01	5-804-71
900	904	45 x 6	958	24	11,5	6,20	5-904	5-904-V	5-904-01	5-904-71
1000	1005	45 x 6	1067	24	11,5	6,87	5-1005	5-1005-V	5-1005-01	5-1005-71
1120	1125	55 x 8	1200	32	11,5	13,82	5-1125	5-1125-V	5-1125-01	5-1125-71
1250	1255	55 x 8	1337	32	11,5	15,36	5-1255	5-1255-V	5-1255-01	5-1255-71
1400	1405	55 x 8	1491	32	11,5	17,13	5-1405	5-1405-V	5-1405-01	5-1405-71
1600	1605	55 x 8	1663	40	11,5	19,45	5-1605	5-1605-V	5-1605-01	5-1605-71
1800	1805	55 x 8	1856	40	11,5	21,82	5-1805	5-1805-V	5-1805-01	5-1805-71
2000	2005	55 x 8	2073	40	11,5	24,18	5-2005	5-2005-V	5-2005-01	5-2005-71

All measurements are in millimetres and weights in kg.