



 **DUDHAT**
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ASME B16.5

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ASME B16.5

Dudhat GmbH

Dudhat GmbH was founded in 2023 as an independent trading company by European and Asian Promoters. It is based in Pforzheim, Germany. The Promoters have decades of experience in manufacturing, purchasing and supply of Process Equipment's. Dudhat GmbH supply best quality products within short delivery time with real price advantage. Dudhat GmbH has manufacturing facilities and has collaboration with manufacturers in Asian countries. Entire team of Dudhat GmbH is committed to supply best quality products in industry with continuous upgradation in quality standards.

Dudhat Group of Industries



Industrie, we serve to

- Oil & Gas
- Petrochemical & Chemical
- Water & Wastewater Treatment
- Pharmaceutical
- Food & Beverage
- Steel & Metal Processing
- Textile & Dyeing
- Cement & Building Materials

Why choose us as your reliable supply partner ?

- Wide Range of Sizes & Standards: ASME, EN, DIN & ISO
- Materials to Match Your Needs: Carbon Steel, Stainless Steel, Alloy Steel, & Special Alloys
- Precision Machining & Quality Assurance
- Fast Delivery & Global Shipping
- Custom Solutions for Unique Requirements

Flanges, we supply

At Dudhat, we specialize in supplying a comprehensive range of high-quality mechanical flanges designed to meet the diverse and demanding needs of industries worldwide. Whether you're working in oil & gas, petrochemical, power generation, water treatment, shipbuilding, construction, or general engineering, our flanges deliver exceptional performance, long-term durability, and reliable sealing under pressure. Manufactured to international standards and available in a variety of materials, sizes, and surface finishes, our flanges are engineered for precision, safety, and compatibility. We are committed to providing not only superior products but also technical support, customization options, and fast delivery to help our clients succeed in every project.

Standards

- American standards:
ASME B16.5, B16.47
- European Standards:
DIN / EN1092-1/2
- INDIAN Standards:
IS1538, IS9523

Surface Finishes

- Raised Face (RF)
- Flat Face (FF)
- Ring Type Joint (RTJ)
- Tongue and Groove (T&G)
- Male and Female (M&F)
- Custom Machined Finishes

*Precision-Engineered
Mechanical Flanges
for Every Application*

Flanges, we supply

Material Expertise

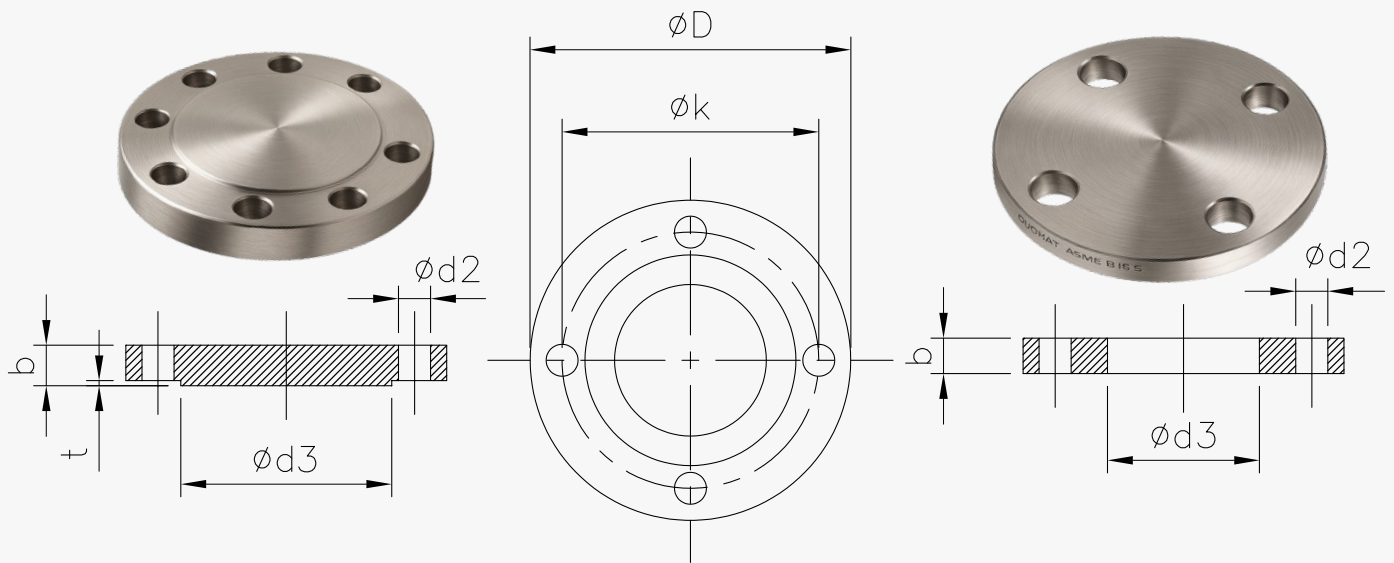
We manufacture and supply flanges in a wide variety of materials to meet diverse industrial needs. Our most commonly used materials include:

- *Stainless Steel (e.g., 304, 304L, 309, 316, 316L, 316Ti, 321, 347)*
- *Carbon Steel (e.g., C22.8, P265GH)*
- *Alloy Steel (e.g., 16Mo3, 13CrMo4-5)*
- *Nickel Alloys*
- *Copper Alloys*
- *Specialty Grades upon request*

Please note: While the materials listed represent our standard offerings, they do not encompass the full scope of our capabilities. We also manufacture flanges from custom-specified materials, tailored precisely to meet unique customer requirements and application-specific standards.

Important: The flange types and specifications shown in this document represent only a portion of our product range. We offer a comprehensive selection of flanges beyond those illustrated here, and we are fully equipped to supply flanges according to individual customer specifications and industry standards.

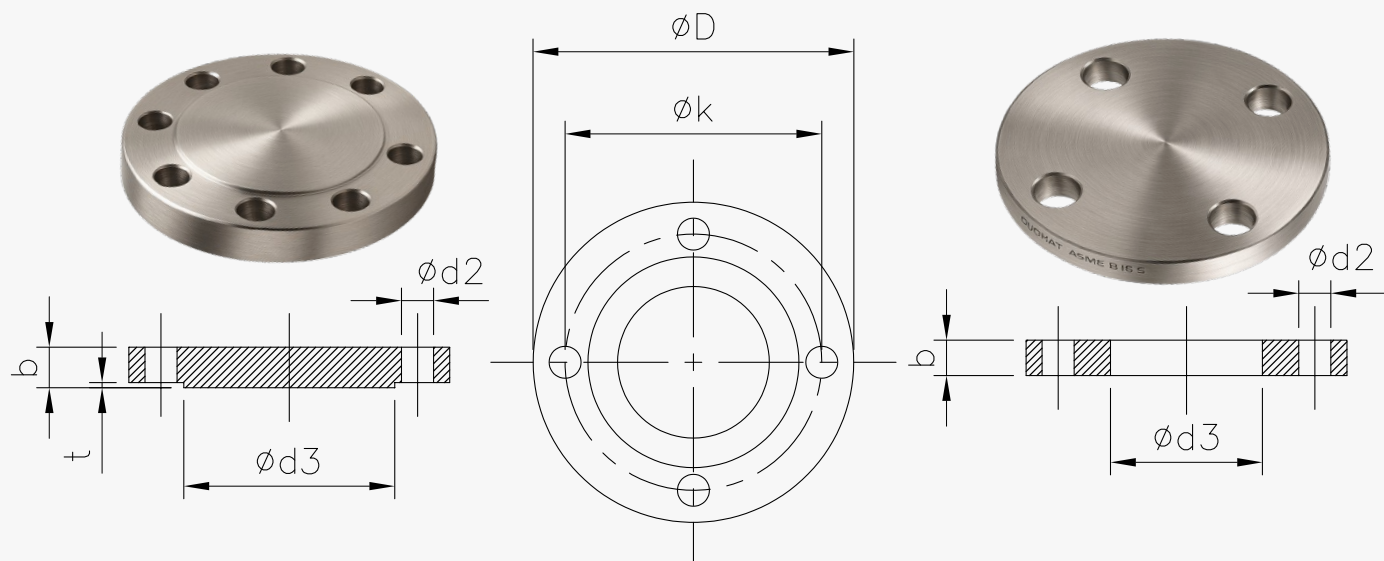
Blind Flanges



DIN 2527 / EN1092-1: PN 6

DN	D	b	k	d2	Holes	kg
10	75	12	50	11	4	0.38
15	80	12	55	11	4	0.44
20	90	14	65	11	4	0.65
25	100	14	75	11	4	0.82
32	120	14	90	14	4	1.17
40	130	14	100	14	4	1.39
50	140	14	110	14	4	1.62
65	160	14	130	14	4	2.44
80	190	16	150	18	4	3.43
100	210	16	170	18	4	4.76
125	240	18	200	18	8	6.11
150	265	18	225	18	8	7.51
175	295	20	255	18	8	10.40
200	320	20	280	18	8	12.30
250	375	22	335	18	12	18.30
300	440	22	395	22	12	25.30
350	490	22	445	22	12	31.60
400	540	22	495	22	16	38.40
500	645	24	600	22	20	60.40

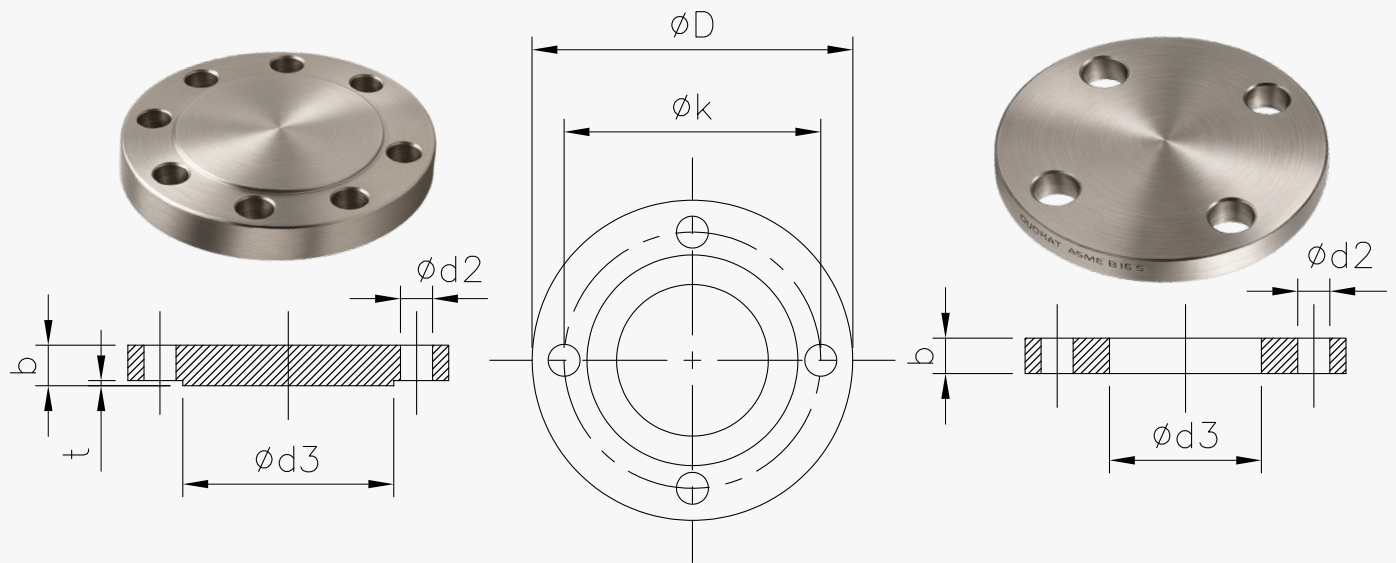
Blind Flanges



DIN 2527 / EN1092-1: PN 10

DN	D	b	k	d2	Holes	kg
10	90	14	60	14	4	0.63
15	95	14	65	14	4	0.72
20	105	16	75	14	4	1.01
25	115	16	85	14	4	1.23
32	140	16	100	18	4	1.80
40	150	16	110	18	4	2.09
50	165	18	125	18	4	2.88
65	185	18	145	18	4	3.66
80	200	20	160	18	8	4.77
100	220	20	180	18	8	5.65
125	250	22	210	18	8	8.42
150	285	22	240	22	8	10.40
200	340	24	295	22	8	16.50
250	395	26	350	22	12	24.00
300	445	26	400	22	12	30.90
350	505	26	460	22	16	40.60
400	565	26	515	26	16	49.40
500	670	28	620	26	20	75.00

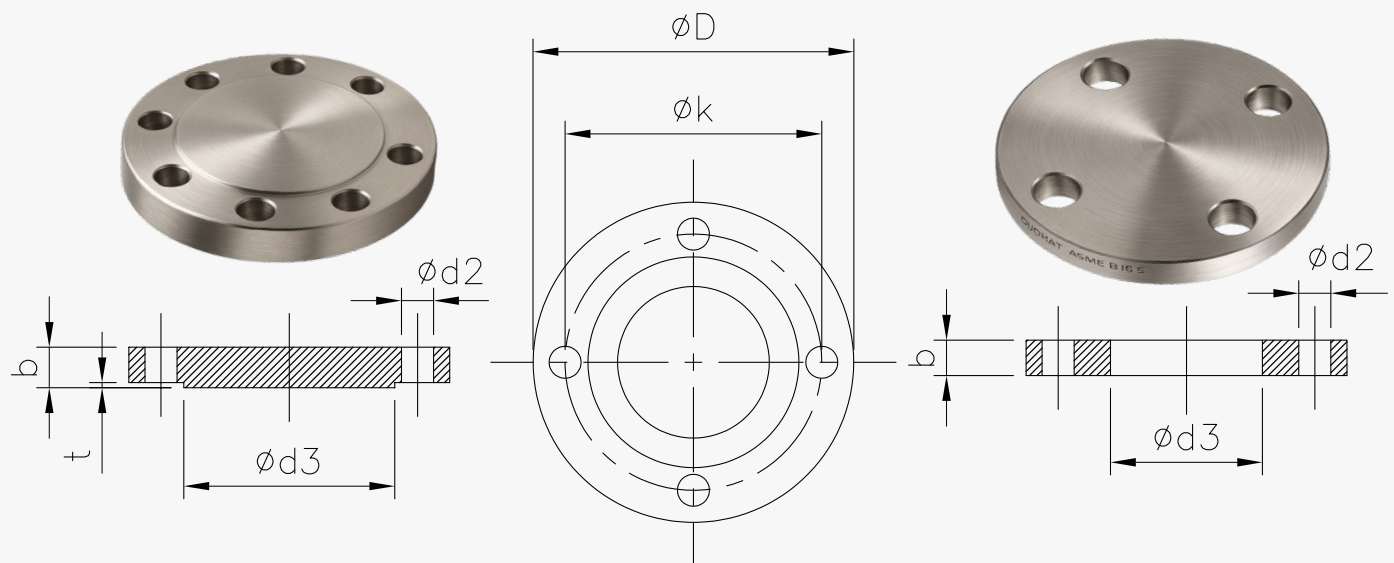
Blind Flanges



DIN 2527 / EN1092-1: PN 16

DN	D	b	k	d2	Holes	kg
10	90	14	60	14	4	0.63
15	95	14	65	14	4	0.72
20	105	16	75	14	4	1.01
25	115	16	85	14	4	1.23
32	140	16	100	18	4	1.80
40	150	16	110	18	4	2.09
50	165	18	125	18	4	2.88
65	185	18	145	18	4	3.66
80	200	20	160	18	8	4.77
100	220	20	180	18	8	5.65
125	250	22	210	18	8	8.42
150	285	22	240	22	8	10.40
175	315	24	270	22	8	14.00
200	340	24	295	22	12	16.10
250	405	26	355	26	12	24.90
300	460	28	410	26	12	35.10
350	520	30	470	26	16	47.80
400	580	32	525	30	16	63.50
500	715	36	650	33	20	102.00

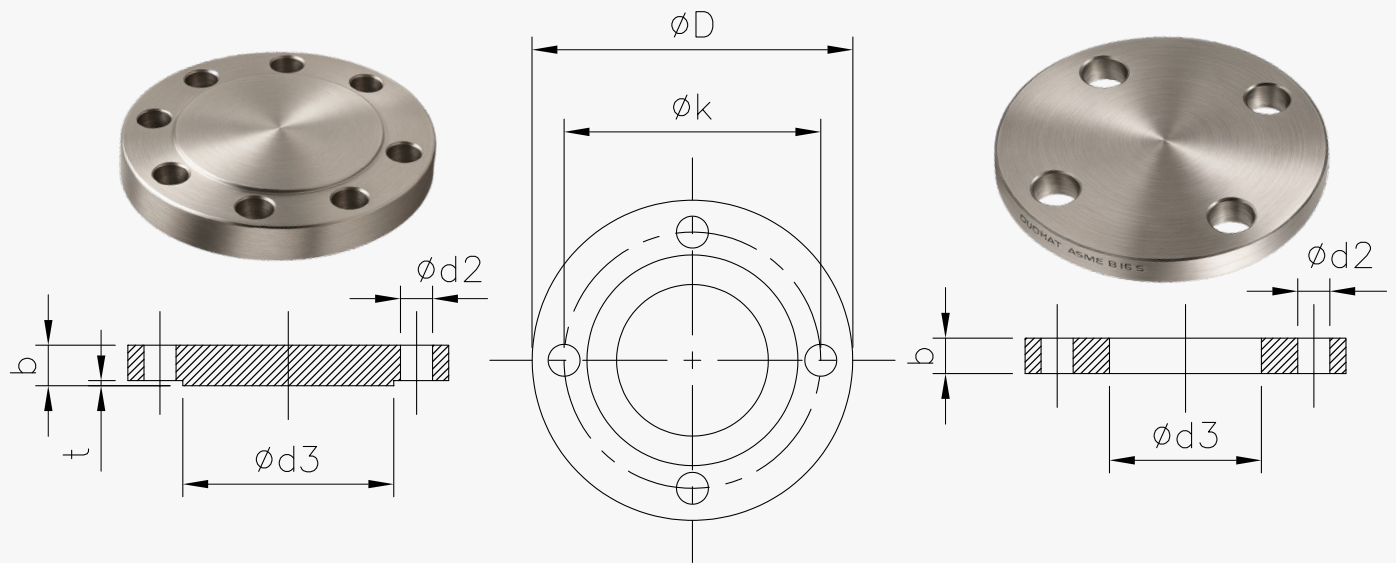
Blind Flanges



DIN 2527 / EN1092-1: PN 25

DN	D	b	k	d2	Holes	kg
10	90	16	60	14	4	0.72
15	95	16	65	14	4	0.81
20	105	18	75	14	4	1.24
25	115	18	85	14	4	1.38
32	140	18	100	18	4	2.03
40	150	18	110	18	4	2.35
50	165	20	125	18	4	3.20
65	185	22	145	18	8	4.29
80	200	24	160	18	8	5.88
100	235	24	190	22	8	7.54
125	270	26	220	26	8	10.80
150	300	28	250	26	8	14.50
175	330	28	280	26	12	17.30
200	360	30	310	26	12	22.30
250	425	32	370	30	12	33.50
300	485	34	430	30	16	46.30
350	555	38	490	33	16	68.00
400	620	40	550	36	16	89.70
500	730	45	660	36	20	138.00

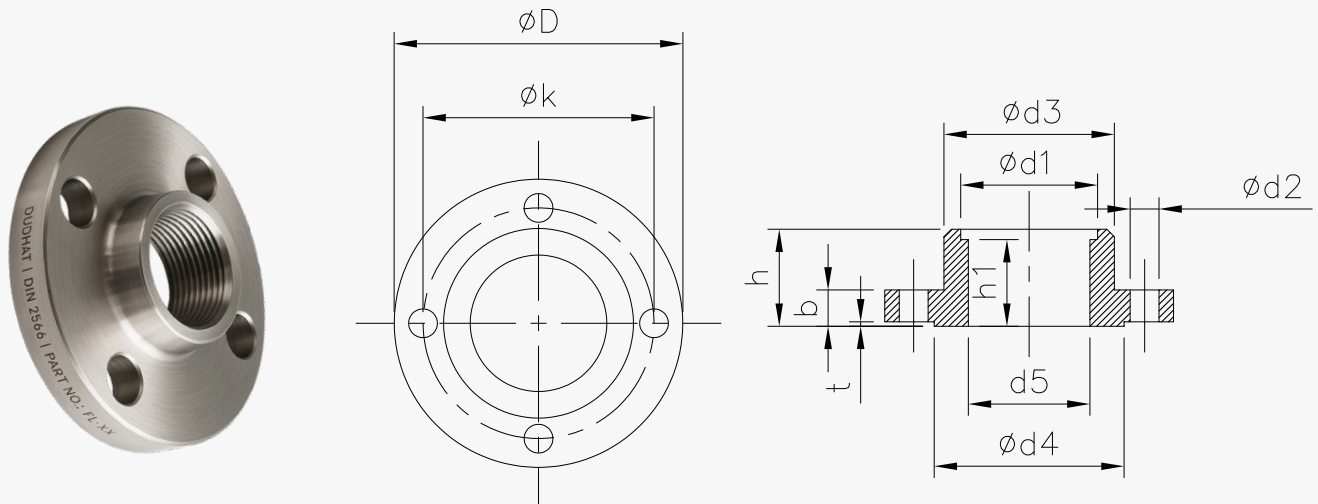
Blind Flanges



DIN 2527 / EN1092-1: PN 40

DN	D	b	k	d2	Holes	kg
10	90	16	60	14	4	0.72
15	95	16	65	14	4	0.81
20	105	18	75	14	4	1.24
25	115	18	85	14	4	1.38
32	140	18	100	18	4	2.03
40	150	18	110	18	4	2.35
50	165	20	125	18	4	3.20
65	185	22	145	18	8	4.29
80	200	24	160	18	8	5.88
100	235	24	190	22	8	7.54
125	270	26	220	26	8	10.80
150	300	28	250	26	8	14.50
175	350	32	295	30	12	22.10
200	375	34	320	30	12	27.20
250	450	38	385	33	12	43.80
300	515	42	450	33	16	63.30
350	580	46	510	36	16	89.50
400	660	50	585	39	16	127.00
500	755	56	670	42	20	172.00

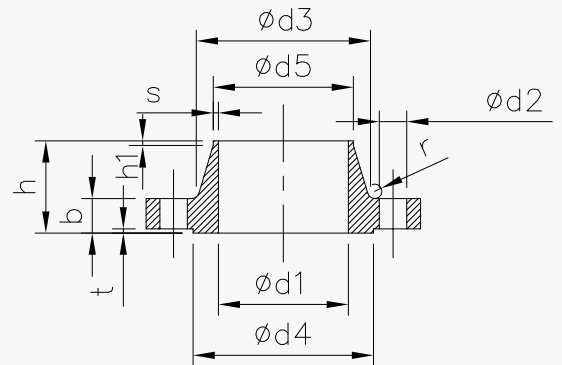
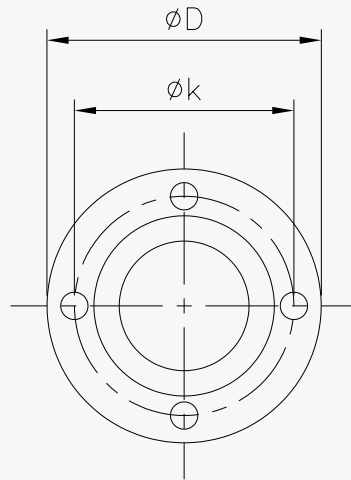
Threaded Flanges



DIN 2566 / EN1092-1: PN 10-16

DN	d1	Thread	D	b	k	h	d3	d4	t	Holes	Screws Thread	d2	kg
6	10.2	R 1/8	75	12	50	18	20	32	2	4	M 10	11	0.326
8	13.5	R 1/4	80	12	55	18	25	38	2	4	M 10	11	0.38
10	17.2	R 3/8	90	14	60	20	30	40	2	4	M 12	14	0.544
15	21.3	R 1/2	95	14	65	20	35	45	2	4	M 12	14	0.613
20	26.9	R 3/4	105	16	75	24	45	58	2	4	M 12	14	0.91
25	33.7	R 1	115	16	85	24	52	68	2	4	M 12	14	1.1
32	42.4	R 1 1/4	140	16	100	26	60	78	2	4	M 16	18	1.6
40	48.3	R 1 1/2	150	16	110	26	70	88	3	4	M 16	18	1.78
50	60.3	R 2	165	18	125	28	85	102	3	4	M 16	18	2.43
65	76.1	R 2 1/2	185	18	145	32	105	122	3	4	M 16	18	3.18
80	88.9	R 3	200	20	160	34	118	138	3	8	M 16	18	4.12
100	114.3	R 4	220	20	180	38	140	158	3	8	M 16	18	4.47
125	139.7	R 5	250	22	210	40	168	188	3	8	M 16	18	6.13
150	165.1	R 6	285	22	240	44	195	212	3	8	M20	22	7.92

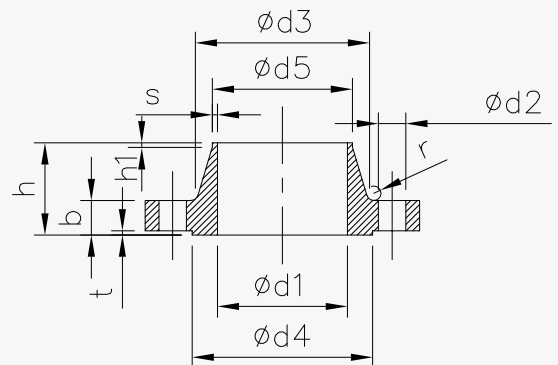
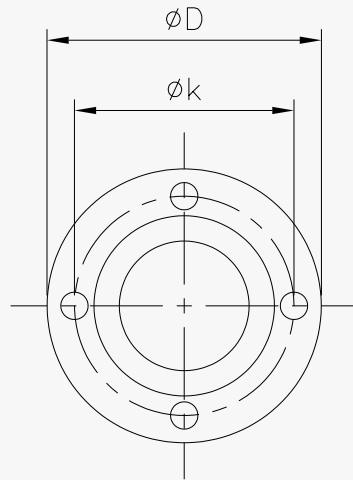
Weld Neck Flanges



DIN 2631 / EN1092-1: PN 6

DN	d1	D	b	k	h	d3	s	h1	d4	t	d2	Holes	kg
10	14.0	75	12	50	28	22	1.8	6	35	2	11	4	0.335
10	17.2	75	12	50	28	26	1.8	6	35	2	11	4	0.335
15	20.0	80	12	55	30	28	2.0	6	40	2	11	4	0.392
15	21.3	80	12	55	30	30	2.0	6	40	2	11	4	0.392
20	25.0	90	14	65	32	35	2.3	6	50	2	11	4	0.592
20	26.9	90	14	65	32	38	2.3	6	50	2	11	4	0.592
25	30.0	100	14	75	35	40	2.6	6	60	2	11	4	0.747
25	33.7	100	14	75	35	42	2.6	6	60	2	11	4	0.747
32	38.0	120	14	90	35	50	2.6	6	70	2	14	4	1.050
32	42.4	120	14	90	35	55	2.6	6	70	2	14	4	1.050
40	44.5	130	14	100	38	58	2.6	7	80	3	14	4	1.180
40	48.3	130	14	100	38	62	2.6	7	80	3	14	4	1.180
50	57.0	140	14	110	38	70	2.9	8	90	3	14	4	1.340
50	60.3	140	14	110	38	74	2.9	8	90	3	14	4	1.340
65	76.1	160	14	130	38	88	2.9	9	110	3	14	4	1.670
80	88.9	190	16	150	42	102	3.2	10	128	3	18	4	2.710
100	108.0	210	16	170	45	122	3.6	10	148	3	18	4	3.240
100	114.3	210	16	170	45	130	3.6	10	148	3	18	4	3.240
125	133.0	240	18	200	48	148	4.0	10	178	3	18	8	4.490
125	139.7	240	18	200	48	155	4.0	10	178	3	18	8	4.490

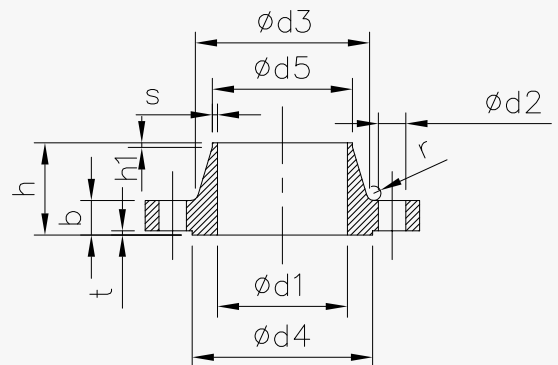
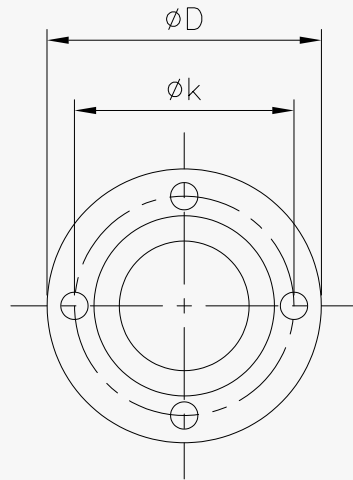
Weld Neck Flanges



DIN 2631 / EN1092-1: PN 6

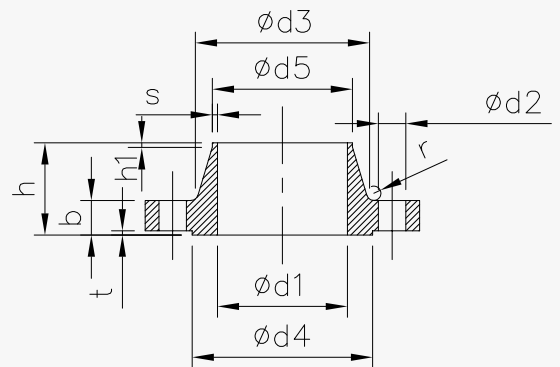
DN	d1	D	b	k	h	d3	s	h1	d4	f	d2	Holes	kg
150	159.0	265	18	225	48	172	4.5	12	202	3	18	8	5.150
150	168.3	265	18	225	48	184	4.5	12	202	3	18	8	5.150
200	219.1	320	20	280	55	236	5.9	15	258	3	18	8	7.780
250	267.0	375	22	335	60	282	6.3	15	312	3	18	12	10.800
250	273.0	375	22	335	60	290	6.3	15	312	3	18	12	10.800
300	323.9	440	22	395	62	342	7.1	15	365	4	22	12	14.000
350	355.6	490	22	445	62	385	7.1	15	415	4	22	12	18.500
350	368.0	490	22	445	62	385	7.1	15	415	4	22	12	16.700
400	406.4	540	22	495	65	438	7.1	15	465	4	22	16	21.200
400	419.0	540	22	495	65	438	7.1	15	465	4	22	16	19.000
500	508.0	645	24	600	68	538	7.1	15	570	4	22	20	28.600
600	610.0	755	24	705	70	640	7.1	16	670	5	26	20	31.500
700	711.0	860	24	810	70	740	7.1	16	775	5	26	24	37.400
800	813.0	975	24	920	70	842	7.1	16	880	5	30	24	46.100
900	914.0	1075	26	1020	70	942	7.1	16	980	5	30	24	55.600
1000	1016.0	1175	26	1120	70	1045	7.1	16	1080	5	30	28	61.900
1200	1220.0	1405	28	1340	90	1248	8.0	20	1295	5	33	32	100.000
1400	1420.0	1630	32	1560	90	1452	8.0	20	1510	5	36	36	149.000
1600	1620.0	1830	34	1760	90	1655	9.0	20	1710	5	36	40	180.000

Weld Neck Flanges



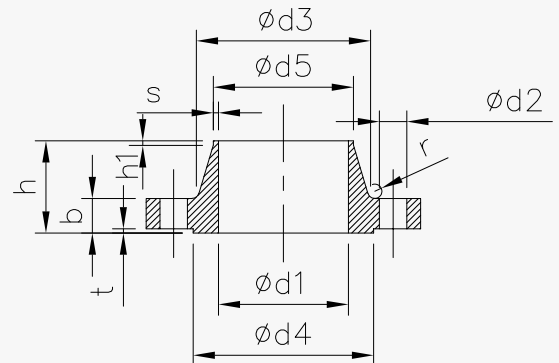
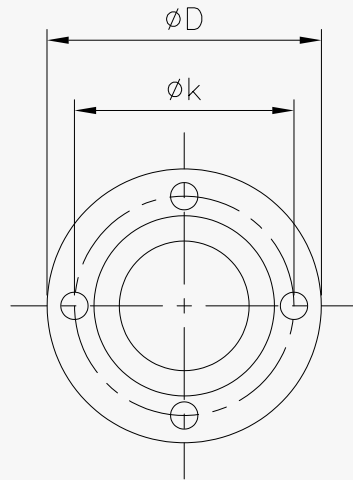
DIN 2632 / EN1092-1: PN 10

DN	d1	D	b	k	h	d3	s	h1	d4	f	d2	Holes	kg
10	14.0	90	14	60	35	25	1.8	6	40	2	14	4	0.580
10	17.2	90	14	60	35	28	1.8	6	40	2	14	4	0.580
15	20.0	95	14	65	35	30	2.0	6	45	2	14	4	0.648
15	21.3	95	14	65	35	32	2.0	6	45	2	14	4	0.648
20	25.0	105	16	75	38	38	2.3	6	58	2	14	4	0.952
20	26.9	105	16	75	38	40	2.3	6	58	2	14	4	0.952
25	30.0	115	16	85	38	42	2.6	6	68	2	14	4	1.140
25	33.7	115	16	85	38	45	2.6	6	68	2	14	4	1.140
32	38.0	140	16	100	40	52	2.6	6	78	2	18	4	1.690
32	42.4	140	16	100	40	56	2.6	6	78	2	18	4	1.690
40	44.5	150	16	110	42	60	2.6	7	88	3	18	4	1.860
40	48.3	150	16	110	42	64	2.6	7	88	3	18	4	1.860
50	57.0	165	18	125	45	72	2.9	8	102	3	18	4	2.530
50	60.3	165	18	125	45	75	2.9	8	102	3	18	4	2.530
65	76.1	185	18	145	45	90	2.9	10	122	3	18	4	3.060
80	88.9	200	20	160	50	105	3.2	10	138	3	18	8	3.700
100	108.0	220	20	180	52	125	3.6	12	158	3	18	8	4.620
100	114.3	220	20	180	52	131	3.6	12	158	3	18	8	4.620
125	133.0	250	22	210	55	150	4.0	12	188	3	18	8	6.300
125	139.7	250	22	210	55	156	4.0	12	188	3	18	8	6.300



DN	d1	D	b	k	h	d3	s	h1	d4	f	d2	Holes	kg
150	159.0	285	22	240	55	175	4.5	12	212	3	22	8	7.750
150	168.3	285	22	240	55	184	4.5	12	212	3	22	8	7.750
175	193.7	315	24	270	60	210	5.4	12	242	3	22	8	9.850
200	219.1	340	24	295	62	235	5.9	16	268	3	22	8	11.3
250	267.0	395	26	350	68	285	6.3	16	320	3	22	12	14.7
250	273.0	395	26	350	68	292	6.3	16	320	3	22	12	14.7
300	323.9	445	26	400	68	344	7.1	16	370	4	22	12	17.4
350	355.6	505	26	460	68	385	7.1	16	430	4	22	16	23.6
350	368.0	505	26	460	68	385	7.1	16	430	4	22	16	21.6
400	406.4	565	26	515	72	440	7.1	16	482	4	26	16	28.6
400	419.0	565	26	515	72	440	7.1	16	482	4	26	16	26.2
500	508.0	670	28	620	75	542	7.1	16	585	4	26	20	38.1
600	610.0	780	28	725	80	642	7.1	18	685	5	30	20	44.6
700	711.0	895	30	840	80	745	8.0	18	800	5	30	24	62.4
800	813.0	1015	32	950	90	850	8.0	18	905	5	33	24	84.1
900	914.0	1115	34	1050	95	950	10.0	20	1005	5	33	28	98.5
1000	1016.0	1230	34	1160	95	1052	10.0	20	1110	5	36	28	115.0
1200	1220.0	1455	38	1380	115	1255	11.0	25	1330	5	39	32	182.0
1400	1420.0	1675	42	1590	120	1460	12.0	25	1535	5	42	36	248.0
1600	1620.0	1915	46	1820	130	1665	14.0	25	1760	5	48	40	347.0

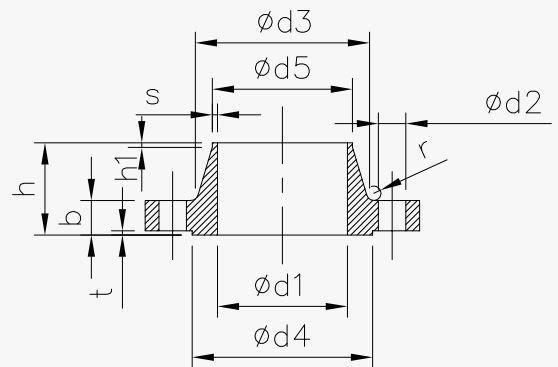
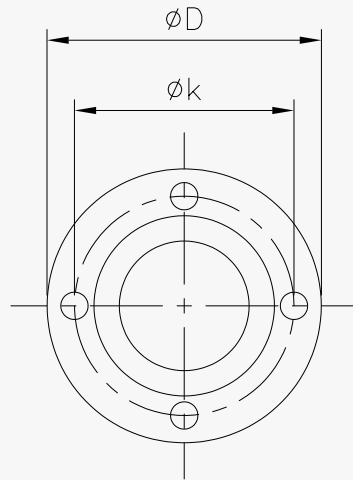
Weld Neck Flanges



DIN 2633 / EN1092-1: PN 16

DN	d1	D	b	k	h	d3	s	h1	d4	f	d2	Holes	kg
10	14.0	90	14	60	35	25	1.8	6	40	2	14	4	0.580
10	17.2	90	14	60	35	28	1.8	6	40	2	14	4	0.580
15	20.0	95	14	65	35	30	2.0	6	45	2	14	4	0.648
15	21.3	95	14	65	35	32	2.0	6	45	2	14	4	0.648
20	25.0	105	16	75	38	38	2.3	6	58	2	14	4	0.952
20	26.9	105	16	75	38	40	2.3	6	58	2	14	4	0.952
25	30.0	115	16	85	38	42	2.6	6	68	2	14	4	1.140
25	33.7	115	16	85	38	45	2.6	6	68	2	14	4	1.140
32	38.0	140	16	100	40	52	2.6	6	78	2	18	4	1.690
32	42.4	140	16	100	40	56	2.6	6	78	2	18	4	1.690
40	44.5	150	16	110	42	60	2.6	7	88	3	18	4	1.860
40	48.3	150	16	110	42	64	2.6	7	88	3	18	4	1.860
50	57.0	165	18	125	45	72	2.9	8	102	3	18	4	2.530
50	60.3	165	18	125	45	75	2.9	8	102	3	18	4	2.530
65	76.1	185	18	145	45	90	2.9	10	122	3	18	4	3.060
80	88.9	200	20	160	50	105	3.2	10	138	3	18	8	3.700
100	108.0	220	20	180	52	125	3.6	12	158	3	18	8	4.620
100	114.3	220	20	180	52	131	3.6	12	158	3	18	8	4.620
125	133.0	250	22	210	55	150	4.0	12	188	3	18	8	6.300
125	139.7	250	22	210	55	156	4.0	12	188	3	18	8	6.300

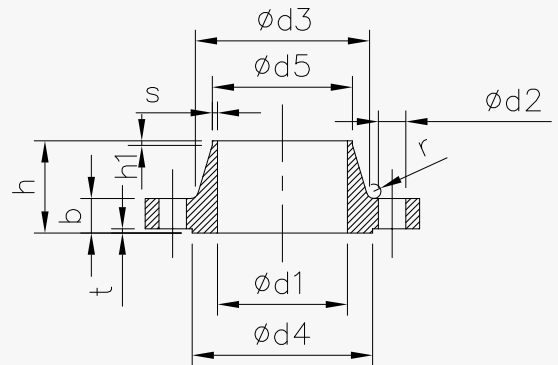
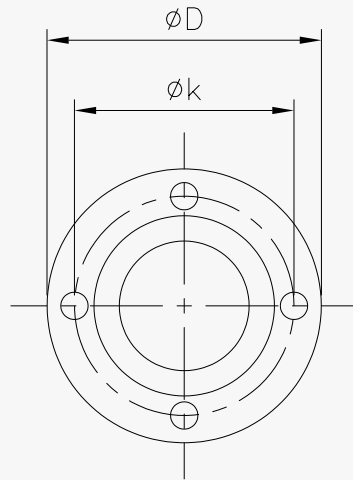
Weld Neck Flanges



DIN 2633 / EN1092-1: PN 16

DN	d1	D	b	k	h	d3	s	h1	d4	f	d2	Holes	kg
150	159.0	285	22	240	55	175	4.5	12	212	3	22	8	7.750
150	168.3	285	22	240	55	184	4.5	12	212	3	22	8	7.750
175	193.7	315	24	270	60	210	5.4	12	242	3	22	8	9.850
200	219.1	340	24	295	62	235	5.9	16	268	3	22	12	11.000
250	267.0	405	26	355	70	285	6.3	16	320	3	26	12	15.600
250	273.0	405	26	355	70	292	6.3	16	320	3	26	12	15.600
300	323.9	460	28	410	78	344	7.1	16	378	4	26	12	22.000
350	355.6	520	30	470	82	390	8.0	16	438	4	26	16	31.200
350	368.0	520	30	470	82	390	8.0	16	438	4	26	16	28.800
400	406.4	580	32	525	85	445	8.0	16	490	4	30	16	39.300
400	419.0	580	32	525	85	445	8.0	16	490	4	30	16	36.300
500	508.0	715	34	650	90	548	8.0	16	610	4	33	20	61.000
600	610.0	840	36	770	95	652	8.8	18	725	5	36	20	75.400
700	711.0	910	36	840	100	755	8.8	18	795	5	36	24	77.000
800	813.0	1025	38	950	105	855	10.0	20	900	5	39	24	101.000
900	914.0	1125	40	1050	110	955	10.0	20	1000	5	39	28	122.000
1000	1016.0	1255	42	1170	120	1058	10.0	22	1115	5	42	28	162.000
1200	1220.0	1485	48	1390	130	1262	12.5	30	1330	5	48	32	243.000
1400	1420.0	1685	52	1590	145	1465	14.2	30	1530	5	48	36	323.000
1600	1620.0	1930	58	1820	160	1668	16.0	35	1750	5	56	40	479.000

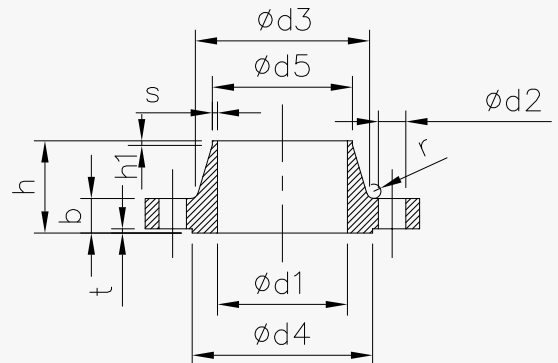
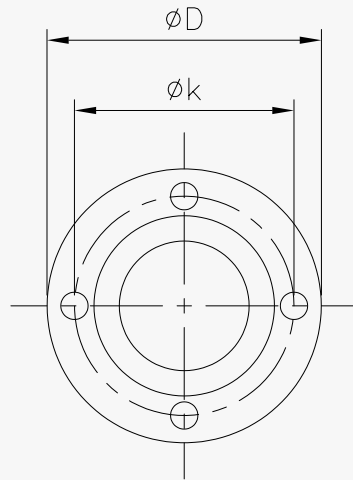
Weld Neck Flanges



DIN 2634 / EN1092-1: PN 25

DN	d1	D	b	k	h	d3	s	h1	d4	f	d2	Holes	kg
10	14.0	90	16	60	35	25	1.8	6	40	2	14	4	0.661
10	17.2	90	16	60	35	28	1.8	6	40	2	14	4	0.661
15	20.0	95	16	65	38	30	2.0	6	45	2	14	4	0.746
15	21.3	95	16	65	38	32	2.0	6	45	2	14	4	0.746
20	25.0	105	18	75	40	38	2.3	6	58	2	14	4	1.060
20	26.9	105	18	75	40	40	2.3	6	58	2	14	4	1.060
25	30.0	115	18	85	40	42	2.6	6	68	2	14	4	1.290
25	33.7	115	18	85	40	46	2.6	6	68	2	14	4	1.290
32	38.0	140	18	100	42	52	2.6	6	78	2	18	4	1.880
32	42.4	140	18	100	42	56	2.6	6	78	2	18	4	1.880
40	44.5	150	18	110	45	60	2.6	7	88	3	18	4	2.330
40	48.3	150	18	110	45	64	2.6	7	88	3	18	4	2.330
50	57.0	165	20	125	48	72	2.9	8	102	3	18	4	2.820
50	60.3	165	20	125	48	75	2.9	8	102	3	18	4	2.820
65	76.1	185	22	145	52	90	2.9	10	122	3	18	8	3.740
80	88.9	200	24	160	58	105	3.2	12	138	3	18	8	4.750
100	108.0	235	24	190	65	128	3.6	12	162	3	22	8	6.520
100	114.3	235	24	190	65	134	3.6	12	162	3	22	8	6.520
125	133.0	270	26	220	68	155	4.0	12	188	3	26	8	9.070
125	139.7	270	26	220	68	162	4.0	12	188	3	26	8	9.070

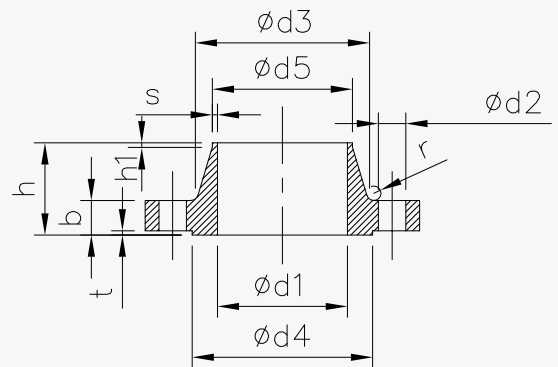
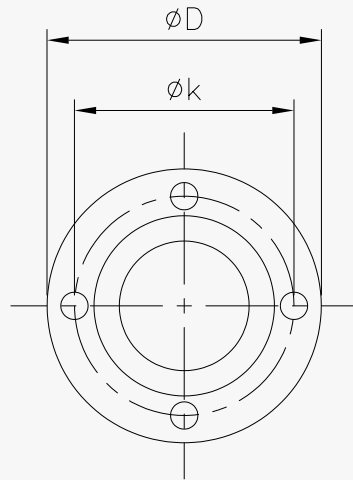
Weld Neck Flanges



DIN 2634 / EN1092-1: PN 25

DN	d1	D	b	k	h	d3	s	h1	d4	f	d2	Holes	kg
150	159.0	300	28	250	75	182	4.5	12	218	3	26	8	11.800
150	168.3	300	28	250	75	192	4.5	12	218	3	26	8	11.800
175	193.7	330	28	280	75	218	5.6	15	248	3	26	12	13.4
200	219.1	360	30	310	80	244	6.3	16	278	3	26	12	17.0
250	267.0	425	32	370	88	292	7.1	18	335	3	30	12	24.4
250	273.0	425	32	370	88	298	7.1	18	335	3	30	12	24.4
300	323.9	485	34	430	92	352	8.0	18	395	4	30	16	31.2
350	355.6	555	38	490	100	398	8.0	20	450	4	33	16	47.2
350	368.0	555	38	490	100	398	8.0	20	450	4	33	16	44.2
400	406.4	620	40	550	110	452	8.8	20	505	4	36	16	61.7
400	419.0	620	40	550	110	452	8.8	20	505	4	36	16	57.9
500	508.0	730	44	660	125	558	10.0	20	615	4	36	20	89.6
600	610.0	845	46	770	125	660	11.0	20	720	5	39	20	104.0
700	711.0	960	46	875	125	760	12.5	20	820	5	42	24	136.0
800	813.0	1085	50	990	135	865	14.2	22	930	5	48	24	186.0
900	914.0	1185	54	1090	145	968	16.0	24	1030	5	48	28	236.0
1000	1016.0	1320	58	1210	155	1070	17.5	24	1140	5	56	28	307.0

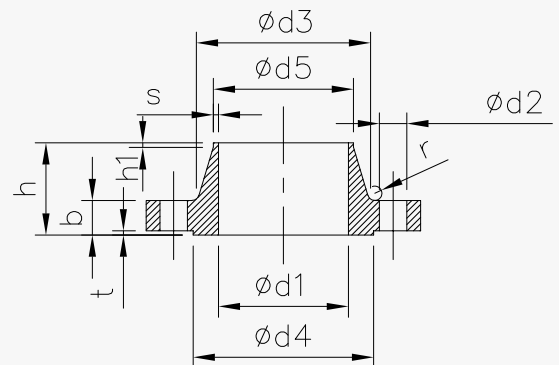
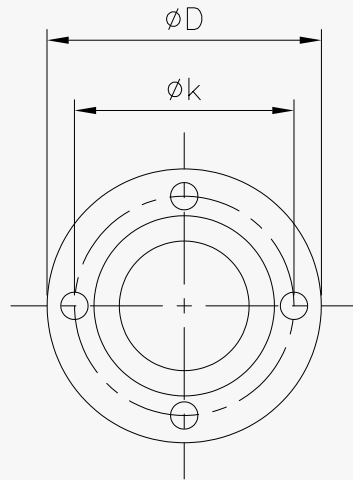
Weld Neck Flanges



DIN 2635 / EN1092-1: PN 40

DN	d1	D	b	k	h	d3	s	h1	d4	f	d2	Holes	kg
10	14.0	90	16	60	35	25	1.8	6	40	2	14	4	0.661
10	17.2	90	16	60	35	28	1.8	6	40	2	14	4	0.661
15	20.0	95	16	65	38	30	2.0	6	45	2	14	4	0.746
15	21.3	95	16	65	38	32	2.0	6	45	2	14	4	0.746
20	25.0	105	18	75	40	38	2.3	6	58	2	14	4	1.060
20	26.9	105	18	75	40	40	2.3	6	58	2	14	4	1.060
25	30.0	115	18	85	40	42	2.6	6	68	2	14	4	1.290
25	33.7	115	18	85	40	46	2.6	6	68	2	14	4	1.290
32	38.0	140	18	100	42	52	2.6	6	78	2	18	4	1.880
32	42.4	140	18	100	42	56	2.6	6	78	2	18	4	1.880
40	44.5	150	18	110	45	60	2.6	7	88	3	18	4	2.330
40	48.3	150	18	110	45	64	2.6	7	88	3	18	4	2.330
50	57.0	165	20	125	48	72	2.9	8	102	3	18	4	2.820
50	60.3	165	20	125	48	75	2.9	8	102	3	18	4	2.820
65	76.1	185	22	145	52	90	2.9	10	122	3	18	8	3.740
80	88.9	200	24	160	58	105	3.2	12	138	3	18	8	4.750
100	108.0	235	24	190	65	128	3.6	12	162	3	22	8	6.520
100	114.3	235	24	190	65	134	3.6	12	162	3	22	8	6.520
125	133.0	270	26	220	68	155	4.0	12	188	3	26	8	9.070
125	139.7	270	26	220	68	162	4.0	12	188	3	26	8	9.070

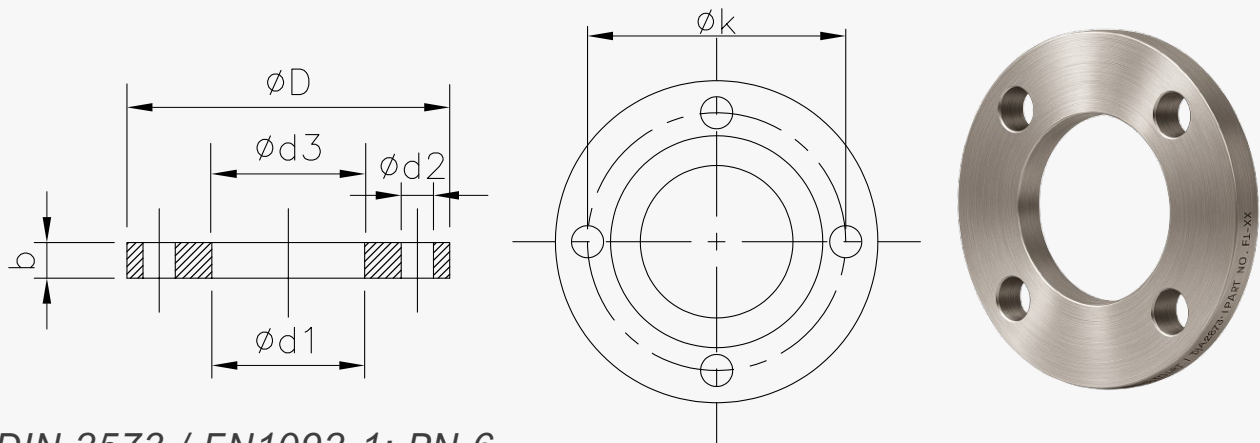
Weld Neck Flanges



DIN 2635 / EN1092-1: PN 40

DN	d1	D	b	k	h	d3	s	h1	d4	f	d2	Holes	kg
150	159.0	300	28	250	75	182	4.5	12	218	3	26	8	11.800
150	168.3	300	28	250	75	192	4.5	12	218	3	26	8	11.800
175	193.7	350	32	295	82	218	5.6	15	260	3	30	12	18.200
200	219.1	375	34	320	88	244	6.3	16	285	3	30	12	21.500
250	267.0	450	38	385	105	298	7.1	18	345	3	33	12	34.900
250	273.0	450	38	385	105	306	7.1	18	345	3	33	12	34.900
300	323.9	515	42	450	115	362	8.0	18	410	4	33	16	49.700
350	355.6	580	46	510	125	408	8.8	20	465	4	36	16	68.100
350	368.0	580	46	510	125	408	8.8	20	465	4	36	16	68.100
400	406.4	660	50	585	135	462	11.0	20	535	4	39	16	96.500
400	419.0	660	50	585	135	462	11.0	20	535	4	39	16	96.500
500	508.0	755	52	670	140	562	14.2	20	615	4	42	20	117.000

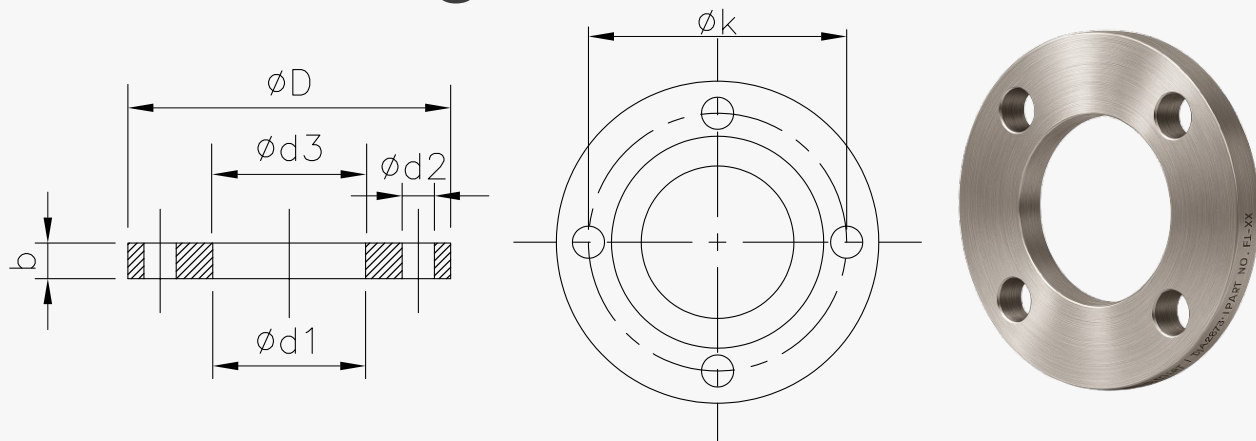
Plate Flanges



DIN 2573 / EN1092-1: PN 6

DN	d1	D	k	d2	Holes	Screw	d3	b	kg
15	21.3	80	55	11	4	M10	22.0	12	0.40
20	26.9	90	65	11	4	M10	27.5	14	0.59
25	33.7	100	75	11	4	M10	34.5	14	0.72
32	42.4	120	90	14	4	M12	43.5	16	1.15
40	48.3	130	100	14	4	M12	49.5	16	1.34
50	60.3	140	110	14	4	M12	61.5	16	1.48
65	76.1	160	130	14	4	M12	77.5	16	1.85
80	88.9	190	150	18	4	M16	90.5	18	2.94
100	114.3	210	170	18	4	M16	116.0	18	3.25
125	139.7	240	200	18	8	M16	141.5	20	4.30
150	168.3	265	225	18	8	M16	170.5	20	4.74
200	219.1	320	280	18	8	M16	221.5	22	6.86
250	273.0	375	335	18	12	M16	276.5	24	8.89
300	323.9	440	395	22	12	M20	327.5	24	11.88
350	355.6	490	445	22	12	M20	359.5	26	16.79
400	406.4	540	495	22	16	M20	411.0	28	19.78
450	457.0	595	550	22	16	M20	462.0	30	24.50
500	508.0	645	600	22	20	M20	513.5	30	26.31
600	610.0	755	705	26	20	M24	616.5	32	34.70
700	711.0	860	810	26	24	M24	714.2	40	52.44
800	813.0	975	920	30	24	M27	815.8	44	71.26
900	914.0	1075	1020	30	24	M27	917.4	48	86.27
1000	1016.0	1175	1120	30	28	M27	1019.0	52	101.34
1200	1220.0	1405	1340	33	32	M30	1224.0	60	162.64
1400	1420.0	1630	1560	36	36	M33	1424.0	72	257.77
1600	1620.0	1830	1760	36	40	M33	1624.0	80	324.38

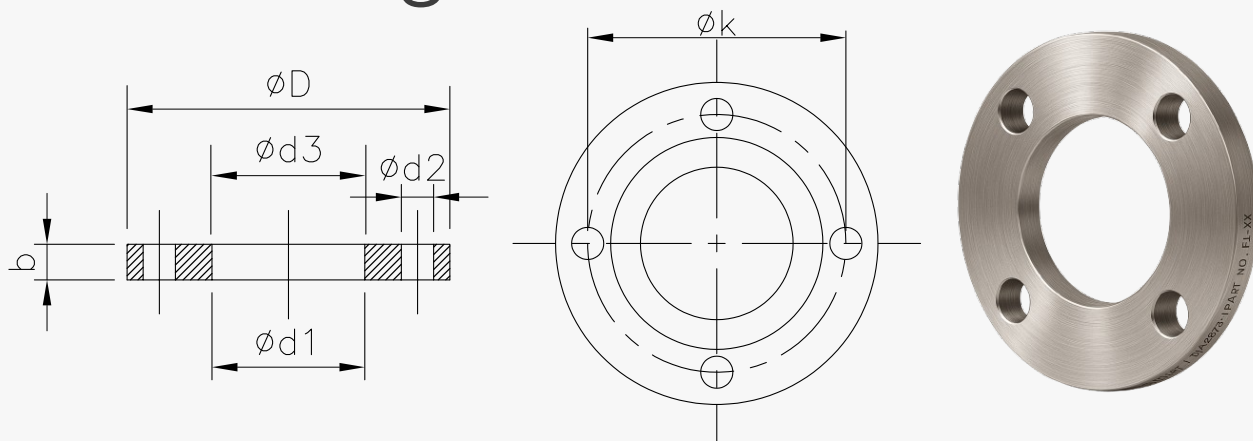
Plate Flanges



DIN 2576 / EN1092-1: PN 10

DN	d1	D	k	d2	Holes	Screw	d3	b	kg
15	21.3	95	65	14	4	M12	22.0	14	0.67
20	26.9	105	75	14	4	M12	27.5	16	0.93
25	33.7	115	85	14	4	M12	34.5	16	1.11
32	42.4	140	100	18	4	M16	43.5	18	1.82
40	48.3	150	110	18	4	M16	49.5	18	2.08
50	60.3	165	125	18	4	M16	61.5	20	2.72
65	76.1	185	145	18	4	M16	77.5	20	3.31
80	88.9	200	160	18	8	M16	90.5	20	3.59
100	114.3	220	180	18	8	M16	116.0	22	4.38
125	139.7	250	210	18	8	M16	141.5	22	5.39
150	168.3	285	240	22	8	M20	170.5	24	7.12
200	219.1	340	295	22	8	M20	221.5	24	9.27
250	273.0	395	350	22	12	M20	276.5	26	11.80
300	323.9	445	400	22	12	M20	327.5	26	13.60
350	355.6	505	460	22	16	M20	359.5	30	20.40
400	406.4	565	515	26	16	M24	411.0	32	27.50
450	457.0	615	565	26	20	M24	462.0	36	33.60
500	508.0	670	620	26	20	M24	513.5	38	40.20

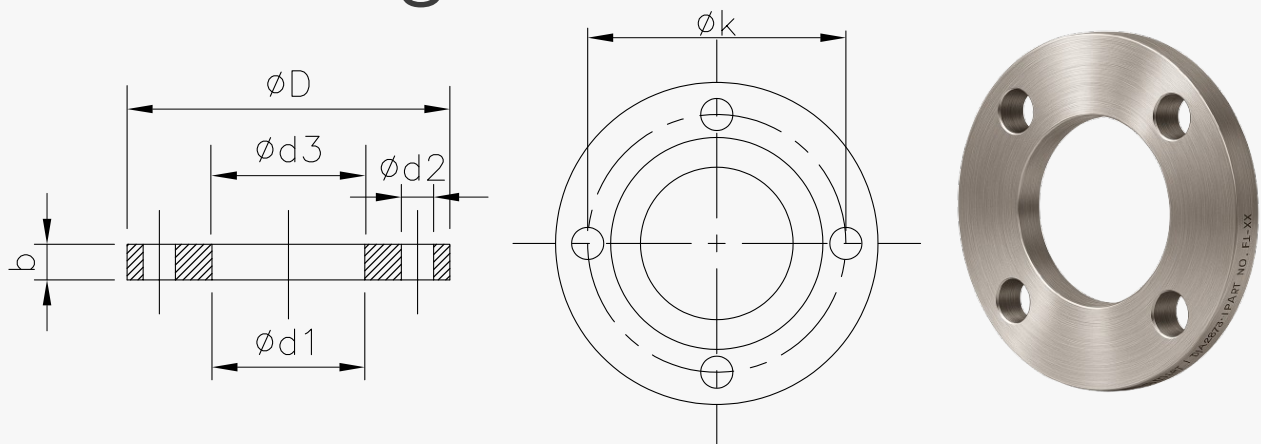
Plate Flanges



DIN2576 / EN1092-1: PN 16

DN	d1	D	k	d2	Holes	Screw	d3	b	kg
10	17.2	90	60	14	4	M12	18.0	14	0.60
15	21.3	95	65	14	4	M12	22.0	14	0.67
20	26.9	105	75	14	4	M12	27.5	16	0.93
25	33.7	115	85	14	4	M12	34.5	16	1.11
32	42.4	140	100	18	4	M16	43.5	18	1.82
40	48.3	150	110	18	4	M16	49.5	18	2.08
50	60.3	165	125	18	4	M16	61.5	20	2.72
65	76.1	185	145	18	8	M16	77.5	20	3.31
80	88.9	200	160	18	8	M16	90.5	20	3.59
100	114.3	220	180	18	8	M16	116.0	22	4.38
125	139.7	250	210	18	8	M16	141.5	22	5.39
150	168.3	285	240	22	8	M20	170.5	24	7.12
200	219.1	340	295	22	12	M20	221.5	26	9.71
250	273.0	405	355	26	12	M24	276.5	29	14.16
300	323.9	460	410	26	12	M24	327.5	32	18.93
350	355.6	520	470	26	16	M24	359.0	35	28.12
400	406.4	580	525	30	16	M27	411.0	38	35.75
450	457.0	640	585	30	20	M27	462.0	42	45.99
500	508.0	715	650	33	20	M30	513.5	46	63.83
600	610.0	840	770	36	20	M33	616.5	55	101.29
700	711.0	910	840	36	24	M33	714.2	63	111.10
800	813.0	1025	950	39	24	M36	815.8	74	158.56
900	914.0	1125	1050	39	28	M36	917.4	82	192.24
1000	1016.0	1255	1170	42	28	M39	1019.0	90	269.55

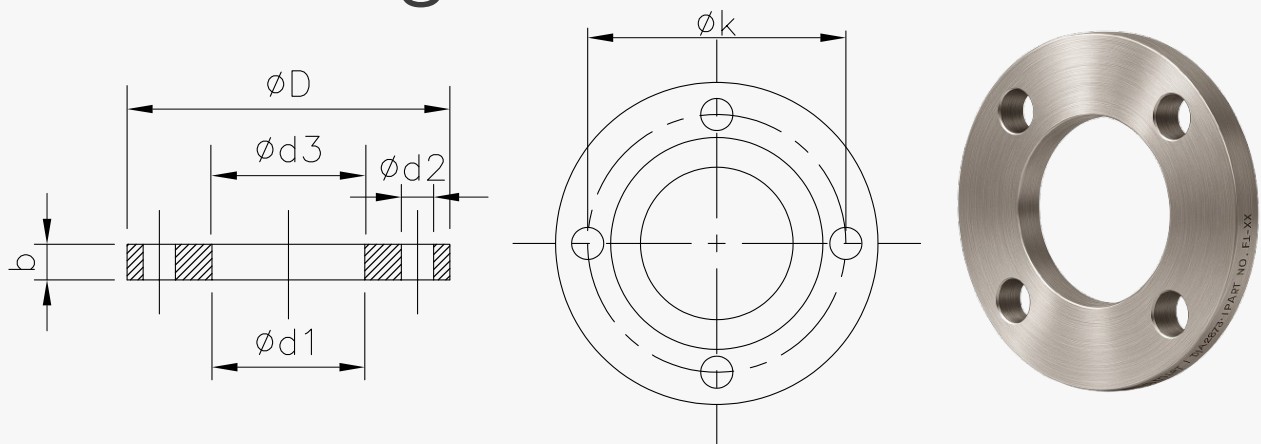
Plate Flanges



DIN2576 / EN1092-1: PN 25

DN	d1	D	k	d2	Holes	Screw	d3	b	kg
15	21.3	95	65	14	4	M12	22.0	14	0.67
20	26.9	105	75	14	4	M12	27.5	16	0.93
25	33.7	115	85	14	4	M12	34.5	16	1.11
32	42.4	140	100	18	4	M16	43.5	18	1.82
40	48.3	150	110	18	4	M16	49.5	18	2.08
50	60.3	165	125	18	4	M16	61.5	20	2.72
65	76.1	185	145	18	8	M16	77.5	22	3.47
80	88.9	200	160	18	8	M16	90.5	24	4.31
100	114.3	235	190	22	8	M20	116.0	26	6.06
125	139.7	270	220	26	8	M24	141.5	28	8.17
150	168.3	300	250	26	8	M24	170.5	30	10.24
200	219.1	360	310	26	12	M24	221.5	32	14.25
250	273.0	425	370	30	12	M27	276.5	35	20.09
300	323.9	485	430	30	16	M27	327.5	38	26.53
350	355.6	555	490	33	16	M30	359.5	42	41.66
400	406.4	620	550	36	16	M33	411.0	48	57.46
450	457.0	670	600	36	20	M33	462.0	54	69.55
500	508.0	730	660	36	20	M33	513.5	58	86.74
600	610.0	845	770	39	20	M36	616.5	68	126.87
700	711.2	960	875	42	24	M39	714.0	85	193.03
800	812.8	1085	990	48	24	M45	816.0	95	266.31

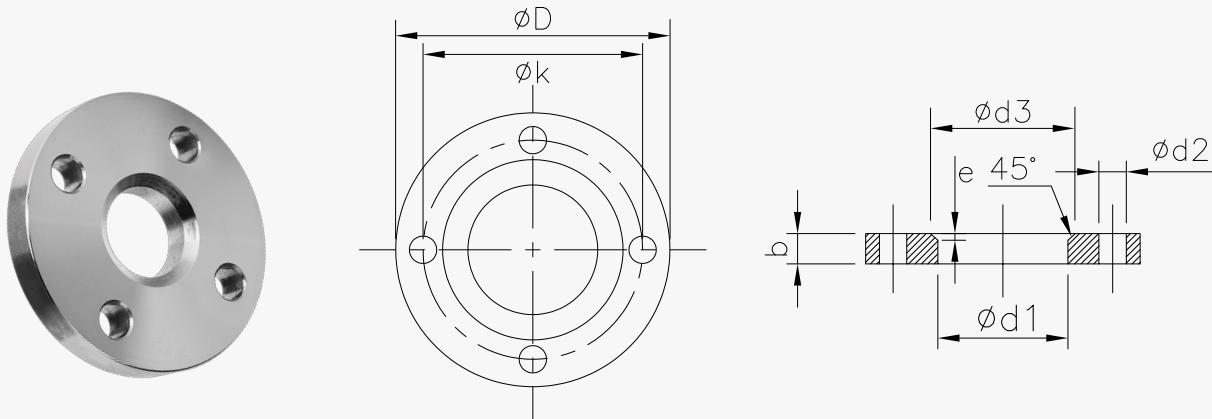
Plate Flanges



DIN2576 / EN1092-1: PN 40

DN	d1	D	k	d2	Holes	Screw	d3	b	kg
15	21.3	95	65	14	4	M12	22.0	14	0.67
20	26.9	105	75	14	4	M12	27.5	16	0.93
25	33.7	115	85	14	4	M12	34.5	16	1.11
32	42.4	140	100	18	4	M16	43.5	18	1.82
40	48.3	150	110	18	4	M16	49.5	18	2.08
50	60.3	165	125	18	4	M16	61.5	20	2.72
65	76.1	185	145	18	8	M16	77.5	22	3.47
80	88.9	200	160	18	8	M16	90.5	24	4.31
100	114.3	235	190	22	8	M20	116.0	26	6.06
125	139.7	270	220	26	8	M24	141.5	28	8.17
150	168.3	300	250	26	8	M24	170.5	30	10.24
200	219.1	375	320	30	12	M27	221.5	36	17.87
250	273.0	450	385	33	12	M30	276.5	42	29.17
300	323.9	515	450	33	16	M30	327.5	52	44.92
350	355.6	580	510	36	16	M33	359.5	58	66.46
400	406.4	660	585	39	16	M36	411.0	65	96.82

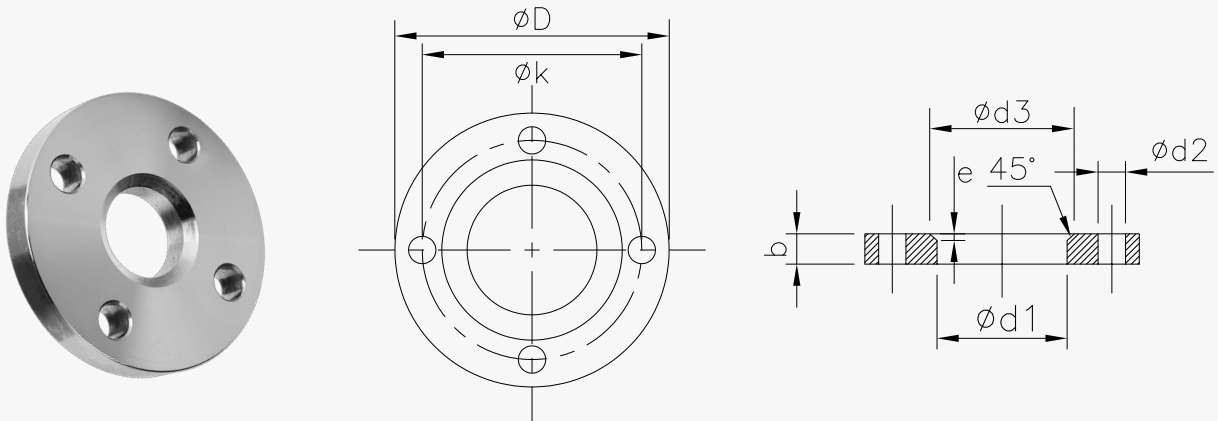
Lapped Joint Flanges



DIN2641/ EN1092-1: PN 6

DN	d1	d3	D	b	k	d2	Holes	e	kg
10	14.0	16.0	75	10	50	11	4	2	0.298
10	17.2	19.0	75	10	50	11	4	2	0.298
15	20.0	22.0	80	10	55	11	4	2	0.337
15	21.3	24.0	80	10	55	11	4	2	0.337
20	25.0	28.0	90	10	65	11	4	2	0.418
20	26.9	30.0	90	10	65	11	4	2	0.418
25	30.0	33.0	100	12	75	11	4	3	0.620
25	33.7	36.0	100	12	75	14	4	3	0.620
32	38.0	42.0	120	12	90	14	4	3	0.874
32	42.4	46.0	120	12	90	14	4	3	0.874
40	44.5	50.0	130	12	100	14	4	3	1.010
40	48.3	54.0	130	12	100	14	4	3	1.010
50	57.0	62.0	140	12	110	14	4	3	1.120
50	60.3	65.0	140	12	110	14	4	3	1.120
65	76.1	81.0	160	12	130	14	4	3	1.350
80	88.9	94.0	190	14	150	18	4	3	2.240
100	108.0	113.0	210	14	170	18	4	3	2.590
100	114.3	119.0	210	14	170	18	4	3	2.590
125	133.0	138.0	240	14	200	18	8	3	3.100
125	139.7	145.0	240	14	200	18	8	3	3.100

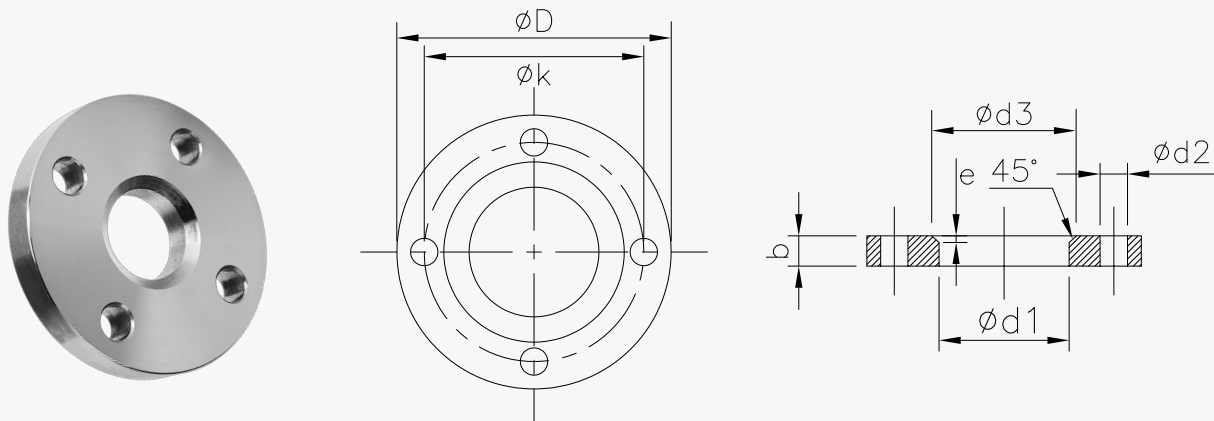
Lapped Joint Flanges



DIN2641/ EN1092-1: PN 6

DN	d1	d3	D	b	k	d2	Holes	e	kg
150	159.0	164.0	265	14	225	18	8	3	3.520
150	168.3	173.0	265	14	225	18	8	3	3.520
200	219.1	225.0	320	16	280	18	8	3	4.980
250	267.0	273.0	375	20	335	18	12	3	7.670
250	273.0	279.0	375	20	335	18	12	3	7.670
300	323.9	329.0	440	24	395	22	12	4	12.300
350	355.6	362.0	490	26	445	22	12	4	15.100
350	368.0	374.0	490	26	445	22	12	4	15.100
400	406.4	413.0	540	28	495	22	16	4	17.700
400	419.0	426.0	540	28	495	22	16	4	17.700
500	508.0	517.0	645	32	600	22	20	4	25.400
600	610.0	618.0	755	36	705	26	20	4	36.300
700	711.0	721.0	860	40	810	26	24	4	48.100
800	813.0	824.0	975	44	920	30	24	4	66.500

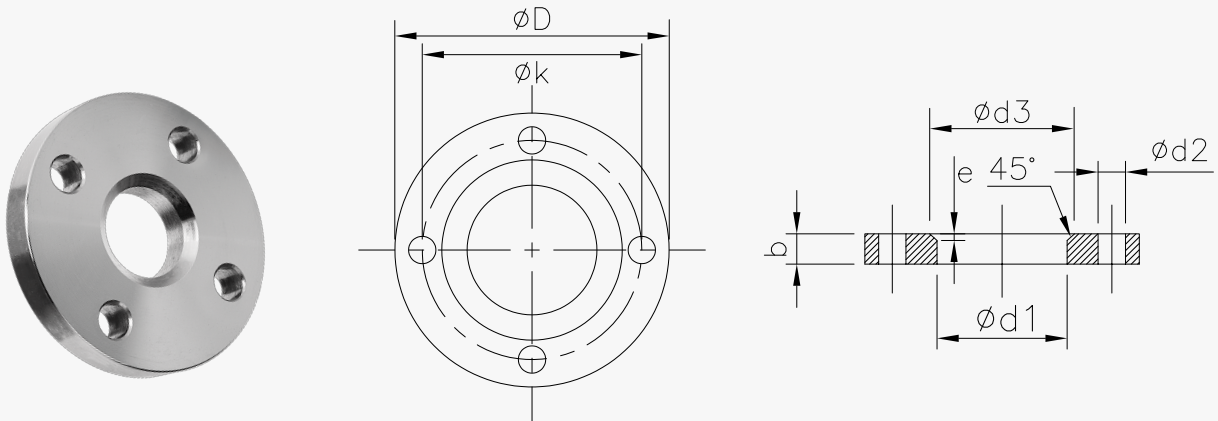
Lapped Joint Flanges



DIN2642 / EN1092-1: PN 10

DN	d1	d3	D	b	k	d2	X	e	kg
10	14.0	16.0	90	14	60	14	4	3	0.599
10	17.2	19.0	90	14	60	14	4	3	0.599
15	20.0	22.0	95	14	65	14	4	3	0.689
15	21.3	24.0	95	14	65	14	4	3	0.689
20	25.0	28.0	105	14	75	14	4	3	0.806
20	26.9	30.0	105	14	75	14	4	3	0.806
25	30.0	33.0	115	16	85	14	4	4	1.110
25	33.7	36.0	115	16	85	14	4	4	1.110
32	38.0	42.0	140	16	100	18	4	4	1.640
32	42.4	46.0	140	16	100	18	4	4	1.640
40	44.5	50.0	150	16	110	18	4	4	1.860
40	48.3	54.0	150	16	110	18	4	4	1.860
50	57.0	62.0	165	16	125	18	4	5	2.200
50	60.3	65.0	165	16	125	18	4	5	2.200
65	76.1	81.0	185	16	145	18	4	5	2.620
80	88.9	94.0	200	18	160	18	8	5	3.320
100	108.0	113.0	220	18	180	18	8	5	3.670
100	114.3	119.0	220	18	180	18	8	5	3.670
125	133.0	138.0	250	18	210	18	8	5	4.540
125	139.7	145.0	250	18	210	18	8	5	4.540

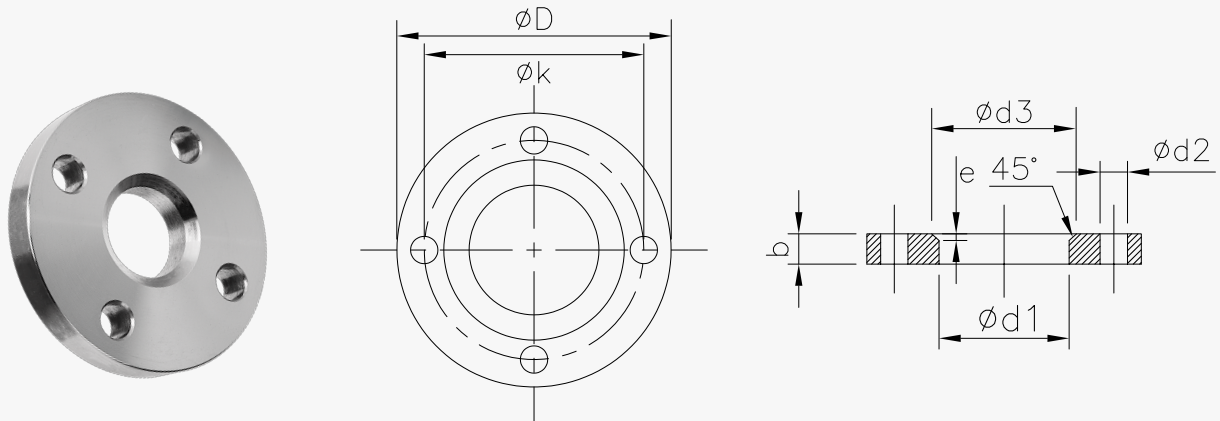
Lapped Joint Flanges



DIN2642 / EN1092-1: PN 10

DN	d1	d3	D	b	k	d2	X	e	kg
150	159.0	164.0	285	18	240	22	8	5	5.600
150	168.3	173.0	285	18	240	22	8	5	5.600
200	219.1	225.0	340	20	295	22	8	5	7.460
250	267.0	273.0	395	22	350	22	12	5	10.300
250	273.0	279.0	395	22	350	22	12	5	10.300
300	323.9	329.0	445	26	400	22	12	5	14.000
350	355.6	362.0	505	28	460	22	16	6	18.500
350	368.0	374.0	505	28	460	22	16	6	18.500
400	406.4	413.0	565	32	515	26	16	6	25.000
400	419.0	426.0	565	32	515	26	16	6	25.000
500	508.0	517.0	670	38	620	26	20	6	37.000
600	610.0	618.0	780	44	725	30	20	7	56.300
700	711.0	721.0	895	50	840	30	24	7	80.400
800	813.0	824.0	1015	56	950	33	24	7	113.200

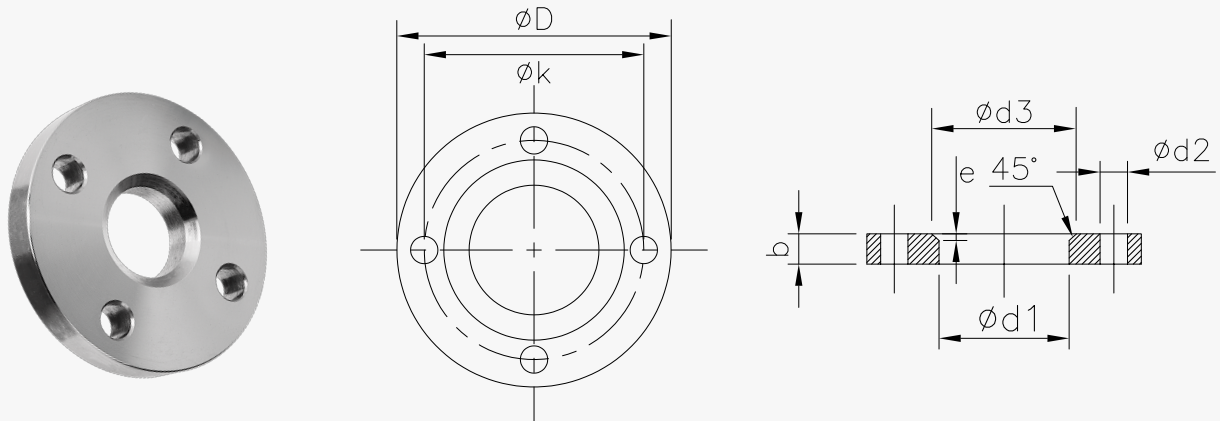
Lapped Joint Flanges



DIN2655 / EN1092-1: PN 25

DN	d1 (ISO)	d1 (DIN)	D	d3	b	k	e	Holes	d2	kg
10	–	14	90	16	16	60	5	4	14	0.7
10	17.2	–	90	19	16	60	5	4	14	0.69
15	–	20	95	22	16	65	5	4	14	0.77
15	21.3	–	95	24	16	65	5	4	14	0.76
20	–	25	105	28	16	75	5	4	14	0.93
20	26.9	–	105	30	16	75	5	4	14	0.92
25	–	30	115	33	18	85	6	4	14	1.26
25	33.7	–	115	36	18	85	6	4	14	1.24
32	–	38	140	42	18	100	6	4	18	1.84
32	42.4	–	140	46	18	100	6	4	18	1.8
40	–	44.5	150	50	18	110	6	4	18	2.08
40	48.3	–	150	54	18	110	6	4	18	2.03
50	–	57	165	62	20	125	6	4	18	2.72
50	60.3	–	165	65	20	125	6	4	18	2.68
65	76.1	–	185	81	20	145	6	8	18	3.09
80	88.9	–	200	94	22	160	6	8	18	3.88
100	–	108	235	113	22	190	6	8	22	5.23
100	114.3	–	235	119	22	190	6	8	22	5.04

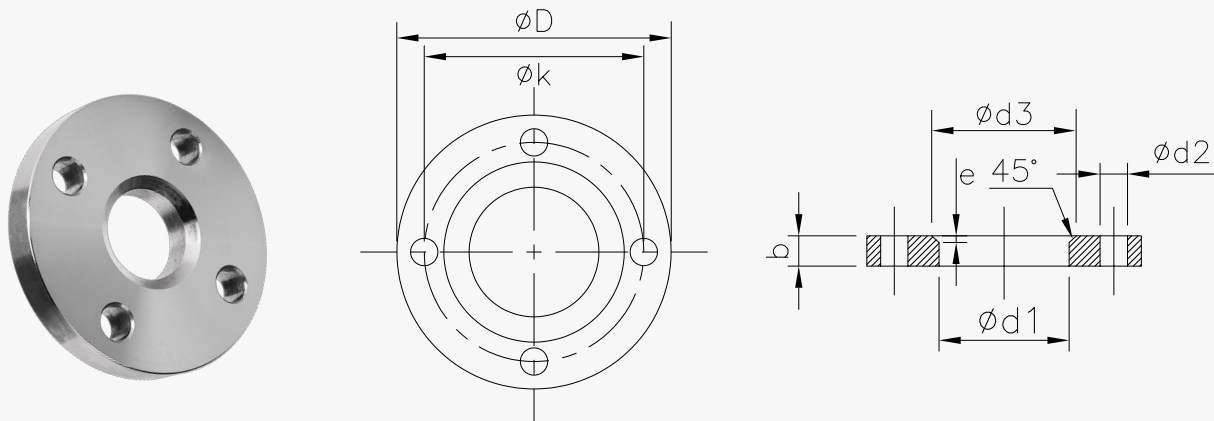
Lapped Joint Flanges



DIN2655 / EN1092-1: PN 25

DN	d1 (ISO)	d1 (DIN)	D	d3	b	k	e	Holes	d2	kg
125	–	133	270	138	24	220	6	8	26	7.17
125	139.3	–	270	145	24	220	6	8	26	6.88
150	–	159	300	164	24	250	6	8	26	8.54
150	166.3	–	300	173	24	250	6	8	26	8.08
200	219.1	–	360	225	26	310	8	12	26	11.36
250	–	267	425	273	30	370	8	12	30	17.63
250	273	–	425	279	30	370	8	12	30	17.01
300	323.9	–	485	329	34	430	8	16	30	23.6
350	355.6	–	555	362	38	490	8	16	33	37.38
350	–	363	555	374	38	490	8	16	33	35.31
400	406.4	–	620	413	42	550	8	16	36	50
400	–	419	620	426	42	550	8	16	36	47.18
500	508	–	730	517	50	660	8	20	36	73.88

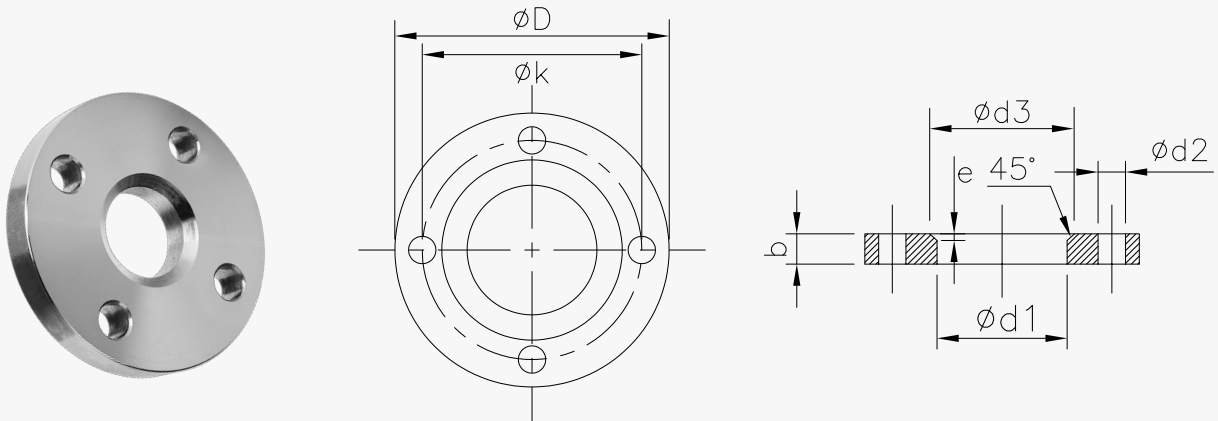
Lapped Joint Flanges



DIN2656 / EN1092-1: PN 40

DN	d1 (ISO)	d1 (DIN)	D	d3	b	k	e	Hole s	d2	kg
10	–	14	90	16	16	60	5	4	14	0.7
10	17.2	–	90	19	16	60	5	4	14	0.69
15	–	20	95	22	16	65	5	4	14	0.77
15	21.3	–	95	24	16	65	5	4	14	0.76
20	–	25	105	28	16	75	5	4	14	0.93
20	26.9	–	105	30	16	75	5	4	14	0.92
25	–	30	115	33	18	85	6	4	14	1.26
25	33.7	–	115	36	18	85	6	4	14	1.24
32	–	38	140	42	18	100	6	4	18	1.84
32	42.4	–	140	46	18	100	6	4	18	1.8
40	–	44.5	150	50	18	110	6	4	18	2.08
40	48.3	–	150	54	18	110	6	4	18	2.03
50	–	57	165	62	20	125	6	4	18	2.72
50	60.3	–	165	65	20	125	6	4	18	2.68
65	76.1	–	165	81	20	145	6	8	18	3.09
80	88.9	–	200	94	22	160	6	8	18	3.88
100	–	108	235	113	22	190	6	8	22	5.23
100	114.3	–	235	119	22	190	6	8	22	5.04

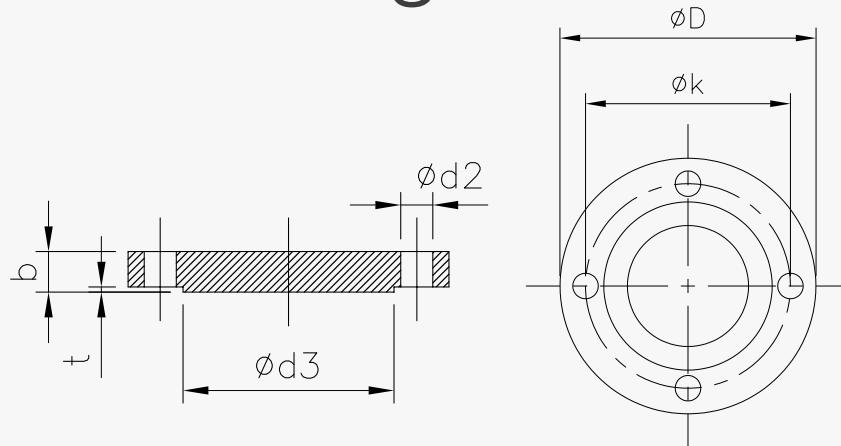
Lapped Joint Flanges



DIN2656 / EN1092-1: PN 40

DN	d1 (ISO)	d1 (DIN)	D	d3	b	k	e	Hole s	d2	kg
125	–	133	270	138	24	220	6	8	26	7.17
125	139.7	–	270	145	24	220	6	8	26	6.88
150	–	159	300	164	24	250	6	8	26	8.54
150	168.3	–	300	173	24	250	6	8	26	8.09
200	219.1	–	375	225	30	320	8	12	30	14.65
250	–	267	450	273	36	385	8	12	33	25.5
250	273	–	450	279	36	385	8	12	33	24.77
300	323.9	–	515	329	40	450	8	16	33	34.42
350	355.8	–	580	362	46	510	8	16	36	52.36
350	–	363	580	374	46	510	8	16	36	49.85
400	406.4	–	660	413	50	585	8	16	39	74.2
400	–	419	660	426	50	585	8	16	39	70.84

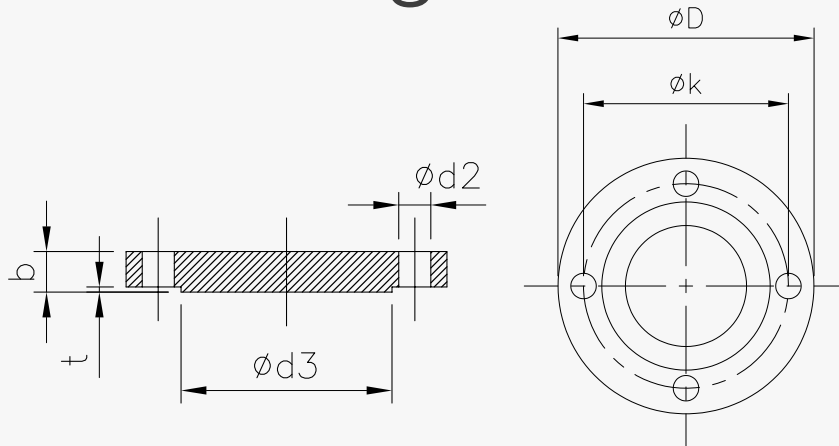
Blind Flanges



ASME B 16.5 Class 150

NPS	D	b	d3	k	Holes	d2	t	lbs
1/2"	3 1/2	7/16	1 3/8	2 3/8	4	5/8	1/16	2
3/4"	3 7/8	1/2	1 11/16	2 3/4	4	5/8	1/16	2
1"	4 1/4	9/16	2	3 1/8	4	5/8	1/16	2
1 1/4"	4 5/8	5/8	2 1/2	3 1/2	4	5/8	1/16	3
1 1/2"	5	11/16	2 7/8	3 7/8	4	5/8	1/16	3
2"	6	3/4	3 5/8	4 3/4	4	3/4	1/16	4
2 1/2"	7	7/8	4 1/8	5 1/2	4	3/4	1/16	7
3"	7 1/2	15/16	5	6	4	3/4	1/16	9
3 1/2"	8 1/2	15/16	5 1/2	7	8	3/4	1/16	13
4"	9	15/16	6 3/16	7 1/2	8	3/4	1/16	17
5"	10	15/16	7 5/16	8 1/2	8	7/8	1/16	20
6"	11	1	8 1/2	9 1/2	8	7/8	1/16	27
8"	13 1/2	1 1/8	10 5/8	11 3/4	8	7/8	1/16	47
10"	16	1 3/16	12 3/4	14 1/4	12	1	1/16	67
12"	19	1 1/4	15	17	12	1	1/16	123
14"	21	1 3/8	16 1/4	18 3/4	12	1 1/8	1/16	139
16"	23 1/2	1 7/16	18 1/2	21 1/4	16	1 1/8	1/16	187
18"	25	1 9/16	21	22 3/4	16	1 1/4	1/16	217
20"	27 1/2	1 11/16	23	25	20	1 1/4	1/16	283
24"	32	1 7/8	27 1/4	29 1/2	20	1 3/8	1/16	415

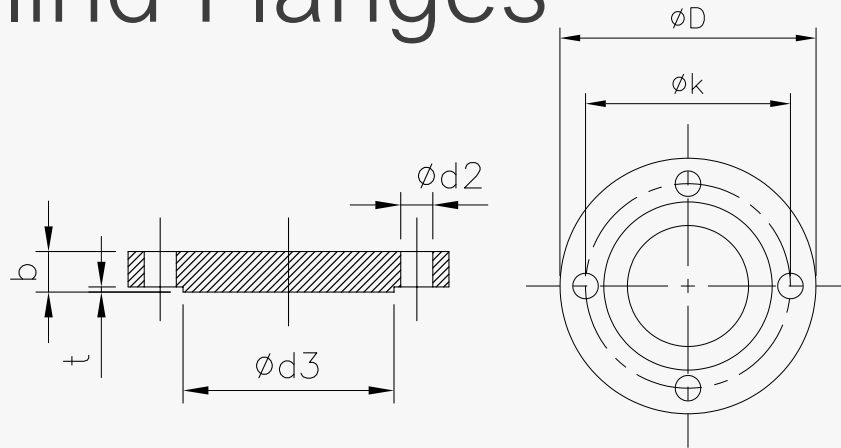
Blind Flanges



ASME B 16.5 Class 300

NPS	D	b	d3	k	Holes	d2	t	lbs
1/2"	3 3/4	9/16	1 3/8	2 5/8	4	5/8	1/16	2
3/4"	4 5/8	5/8	1 11/16	3 1/4	4	3/4	1/16	3
1"	4 7/8	11/16	2	3 1/2	4	3/4	1/16	4
1 1/4"	5 1/4	3/4	2 1/2	3 7/8	4	3/4	1/16	6
1 1/2"	6 1/8	13/16	2 7/8	4 1/2	4	7/8	1/16	7
2"	6 1/2	7/8	3 5/8	5	8	3/4	1/16	8
2 1/2"	7 1/2	1	4 1/8	5 7/8	8	7/8	1/16	12
3"	8 1/4	1 1/8	5	6 5/8	8	7/8	1/16	16
3 1/2"	9	1 3/16	5 1/2	7 1/4	8	7/8	1/16	21
4"	10	1 1/4	6 3/16	7 7/8	8	7/8	1/16	28
5"	11	1 3/8	7 5/16	9 1/4	8	7/8	1/16	37
6"	12 1/2	1 7/16	8 1/2	10 5/8	12	7/8	1/16	48
8"	15	1 5/8	10 5/8	13	12	1	1/16	79
10"	17 1/2	1 7/8	12 3/4	15 1/4	16	1 1/8	1/16	122
12"	20 1/2	2	15	17 3/4	16	1 1/4	1/16	183
14"	23	2 1/8	16 1/4	20 1/4	20	1 1/4	1/16	241
16"	25 1/2	2 1/4	18 1/2	22 1/2	20	1 3/8	1/16	315
18"	28	2 3/8	21	24 3/4	24	1 3/8	1/16	414
20"	30 1/2	2 1/2	23	27	24	1 3/8	1/16	515
24"	36	2 3/4	27 1/4	32	24	1 5/8	1/16	800

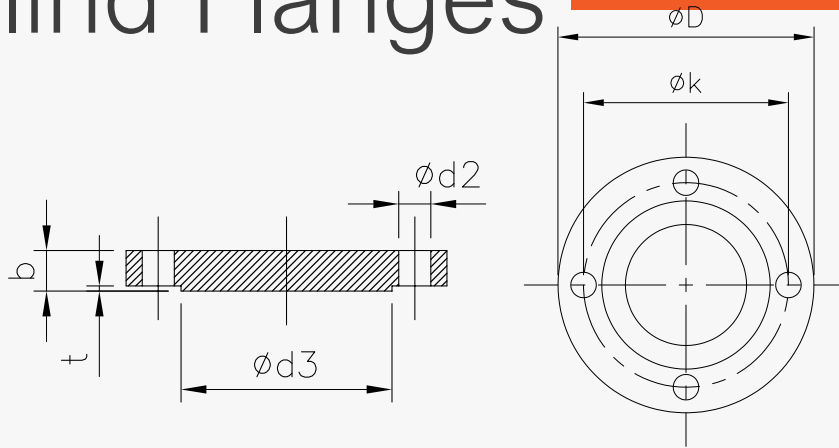
Blind Flanges



ASME B 16.5 Class 400

NPS	D	b	d3	k	Holes	d2	t	lbs
1/2"	3 3/4	9/16	1 3/8	2 5/8	4	5/8	1/16	2
3/4"	4 5/8	5/8	1 11/16	3 1/4	4	3/4	1/16	3
1"	4 7/8	11/16	2	3 1/2	4	3/4	1/16	4
1 1/4"	5 1/4	13/16	2 1/2	3 7/8	4	3/4	1/16	6
1 1/2"	6 1/8	7/8	2 7/8	4 1/2	4	7/8	1/16	8
2"	6 1/2	1	3 5/8	5	8	3/4	1/16	10
2 1/2"	7 1/2	1 1/8	4 1/8	5 7/8	8	7/8	1/16	15
3"	8 1/4	1 1/4	5	6 5/8	8	7/8	1/16	20
3 1/2"	9	1 3/8	5 1/2	7 1/4	8	1	1/16	29
4"	10	1 3/8	6 3/16	7 7/8	8	1	1/16	33
5"	11	1 1/2	7 5/16	9 1/4	8	1	1/16	44
6"	12 1/2	1 5/8	8 1/2	10 5/8	12	1	1/16	61
8"	15	1 7/8	10 5/8	13	12	1 1/8	1/16	100
10"	17 1/2	2 1/8	12 3/4	15 1/4	16	1 1/4	1/16	155
12"	20 1/2	2 1/4	15	17 3/4	16	1 3/8	1/16	226
14"	23	2 3/8	16 1/4	20 1/4	20	1 3/8	1/16	310
16"	25 1/2	2 1/2	18 1/2	22 1/2	20	1 1/2	1/16	398
18"	28	2 5/8	21	24 3/4	24	1 1/2	1/16	502
20"	30 1/2	2 3/4	23	27	24	1 5/8	1/16	621
22"	33	2 7/8	25 1/4	29 1/4	24	1 3/4	1/16	685
24"	36	3	27 1/4	32	24	1 7/8	1/16	936

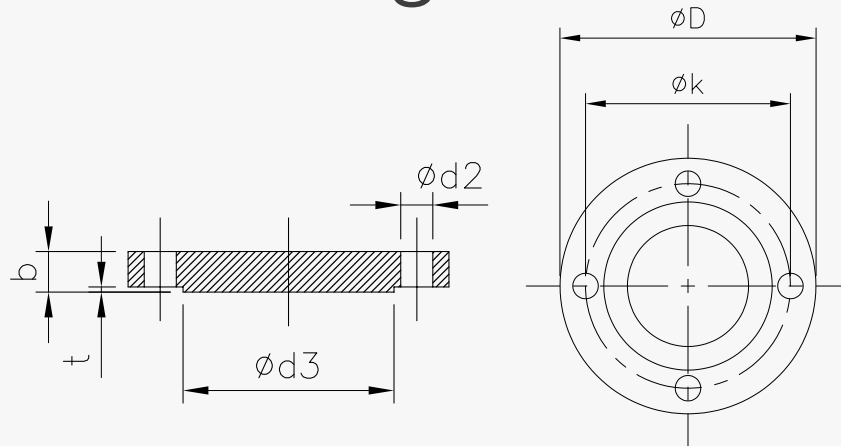
Blind Flanges



ASME B 16.5 Class 600

NPS	D	b	d3	k	Holes	d2	t	lbs
1/2"	3 3/4	9/16	1 3/8	2 5/8	4	5/8	1/16	3
3/4"	4 5/8	5/8	1 11/16	3 1/4	4	3/4	1/16	4
1"	4 7/8	11/16	2	3 1/2	4	3/4	1/16	4
1 1/4"	5 1/4	13/16	2 1/2	3 7/8	4	3/4	1/16	6
1 1/2"	6 1/8	7/8	2 7/8	4 1/2	4	7/8	1/16	8
2"	6 1/2	1	3 5/8	5	8	3/4	1/16	10
2 1/2"	7 1/2	1 1/8	4 1/8	5 7/8	8	7/8	1/16	15
3"	8 1/4	1 1/4	5	6 5/8	8	7/8	1/16	20
3 1/2"	9	1 3/8	5 1/2	7 1/4	8	1	1/16	29
4"	10 3/4	1 1/2	6 3/16	8 1/2	8	1	1/16	41
5"	13	1 3/4	7 5/16	10 1/2	8	1 1/8	1/16	68
6"	14	1 7/8	8 1/2	11 1/2	12	1 1/8	1/16	86
8"	16 1/2	2 3/16	10 5/8	13 3/4	12	1 1/4	1/16	140
10"	20	2 1/2	12 3/4	17	16	1 3/8	1/16	321
12"	22	2 5/8	15	19 1/4	20	1 3/8	1/16	295
14"	23 3/4	2 3/4	16 1/4	20 3/4	20	1 1/2	1/16	378
16"	27	3	18 1/2	23 3/4	20	1 5/8	1/16	527
18"	29 1/4	3 1/4	21	25 3/4	20	1 3/4	1/16	665
20"	32	3 1/2	23	28 1/2	24	1 3/4	1/16	855
22"	34 1/4	3 3/4	25 1/4	30 5/8	24	1 7/8	1/16	1000
24"	37	4	27 1/4	33	24	2	1/16	1250

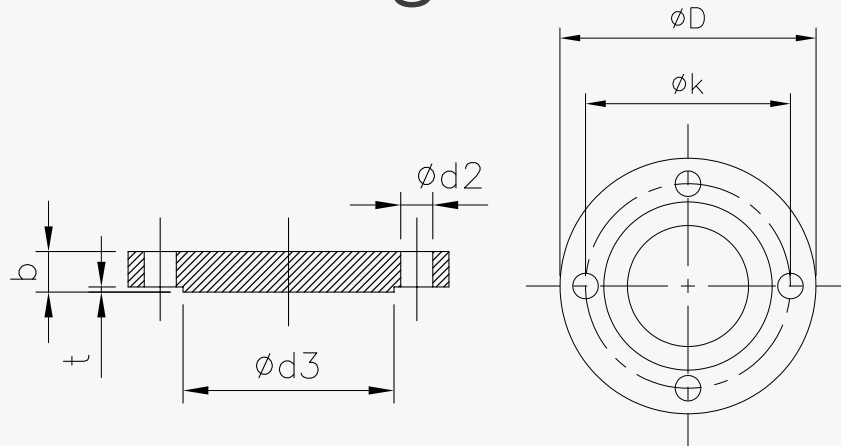
Blind Flanges



ASME B 16.5 Class 900

NPS	D	b	d3	k	Holes	d2	t	lbs
1/2"	4 3/4	7/8	1 3/8	3 1/4	4	7/8	1/16	4
3/4"	5 1/8	1	1 11/16	3 1/2	4	7/8	1/16	6
1"	5 7/8	1 1/8	2	4	4	1	1/16	9
1 1/4"	6 1/4	1 1/8	2 1/2	4 3/8	4	1	1/16	10
1 1/2"	7	1 1/4	2 7/8	4 7/8	4	1 1/8	1/16	14
2"	8 1/2	1 1/2	3 5/8	6 1/2	8	1	1/16	25
2 1/2"	9 5/8	1 5/8	4 1/8	7 1/2	8	1 1/8	1/16	32
3"	9 1/2	1 1/2	5	7 1/2	8	1	1/16	35
4"	11 1/2	1 3/4	6 3/16	9 1/4	8	1 1/4	1/16	54
5"	13 3/4	2	7 5/16	11	8	1 3/8	1/16	87
6"	15	2 3/16	8 1/2	12 1/2	12	1 1/4	1/16	115
8"	18 1/2	2 1/2	10 5/8	15 1/2	12	1 1/2	1/16	200
10"	21 1/2	2 3/4	12 3/4	18 1/2	16	1 1/2	1/16	290
12"	24	3 1/8	15	21	20	1 1/2	1/16	415
14"	25 1/4	3 3/8	16 1/4	22	20	1 5/8	1/16	520
16"	27 3/4	3 1/2	18 1/2	24 1/4	20	1 3/4	1/16	619
18"	31	4	21	27	20	2	1/16	880
20"	33 3/4	4 1/4	23	29 1/2	20	2 1/8	1/16	1107
24"	41	5 1/2	27 1/4	35 1/2	20	2 5/8	1/16	2099

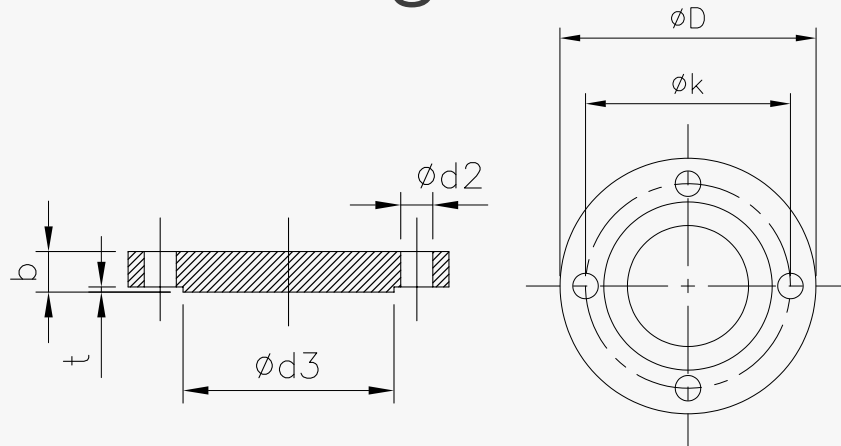
Blind Flanges



ASME B 16.5 Class 1500

NPS	D	b	d3	k	Holes	d2	t	lbs
1/2"	4 3/4	7/8	1 3/8	3 1/4	4	7/8	1/16	4
3/4"	5 1/8	1	1 11/16	3 1/2	4	7/8	1/16	6
1"	5 7/8	1 1/8	2	4	4	1	1/16	9
1 1/4"	6 1/4	1 1/8	2 1/2	4 3/8	4	1	1/16	10
1 1/2"	7	1 1/4	2 7/8	4 7/8	4	1 1/8	1/16	14
2"	8 1/2	1 1/2	3 5/8	6 1/2	8	1	1/16	25
2 1/2"	9 5/8	1 5/8	4 1/8	7 1/2	8	1 1/8	1/16	35
3"	10 1/2	1 7/8	5	8	8	1 1/4	1/16	48
4"	12 1/4	2 1/8	6 3/16	9 1/2	8	1 3/8	1/16	73
5"	14 3/4	2 7/8	7 5/16	11 1/2	8	1 5/8	1/16	142
6"	15 1/2	3 1/4	8 1/2	12 1/2	12	1 1/2	1/16	159
8"	19	3 5/8	10 5/8	15 1/2	12	1 3/4	1/16	302
10"	23	4 1/4	12 3/4	19	12	2	1/16	507
12"	26 1/2	4 7/8	15	22 1/2	16	2 1/8	1/16	775
14"	29 1/2	5 1/4	16 1/4	25	16	2 3/8	1/16	975
16"	32 1/2	5 3/4	18 1/2	27 3/4	16	2 5/8	1/16	1300
18"	36	6 3/8	21	30 1/2	16	2 7/8	1/16	1750
20"	38 3/4	7	23	32 3/4	16	3 1/8	1/16	2225
24"	46	8	27 1/4	39	16	3 5/8	1/16	3625

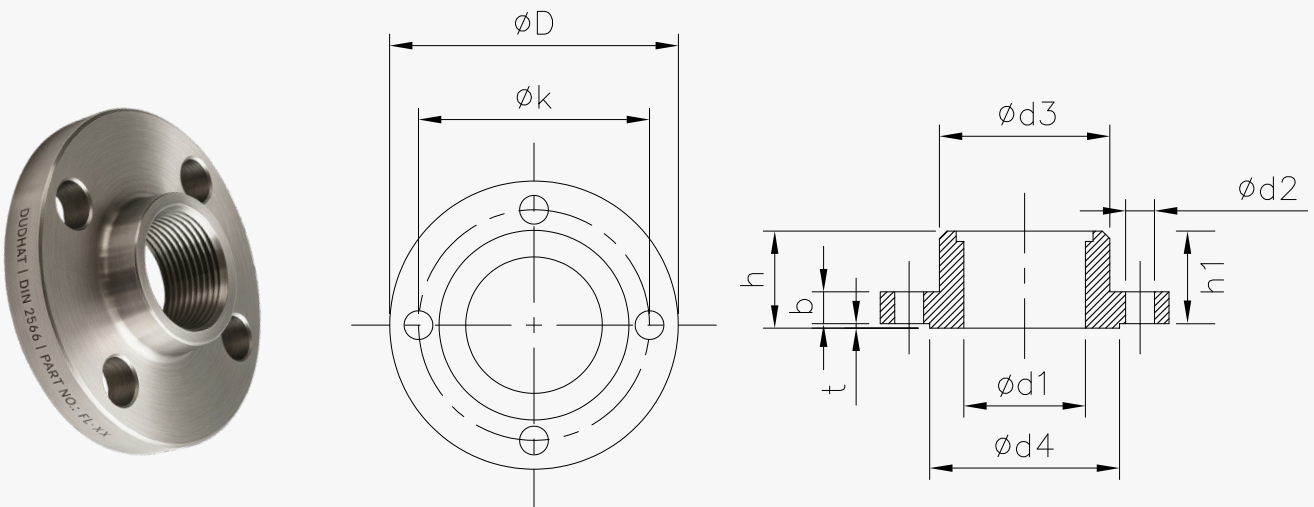
Blind Flanges



ASME B 16.5 Class 2500

NPS	D	b	d3	k	Holes	d2	t	lbs
1/2"	5 1/4	1 3/16	1 3/8	3 1/2	4	7/8	1/16	7
3/4"	5 1/2	1 1/4	1 11/16	3 3/4	4	7/8	1/16	10
1"	6 1/4	1 3/8	2	4 1/4	4	1	1/16	12
1 1/4"	7 1/4	1 1/2	2 1/2	5 1/8	4	1 1/8	1/16	18
1 1/2"	8	1 3/4	2 7/8	5 3/4	4	1 1/4	1/16	25
2"	9 1/4	2	3 5/8	6 3/4	8	1 1/8	1/16	39
2 1/2"	10 1/2	2 1/4	4 1/8	7 3/4	8	1 1/4	1/16	56
3"	12	2 5/8	5	9	8	1 3/8	1/16	86
3 1/2"	12	2 5/8	5	9	8	1 3/8	1/16	86
4"	14	3	6 3/16	10 3/4	8	1 5/8	1/16	133
5"	16 1/2	3 5/8	7 5/16	12 3/4	8	1 7/8	1/16	223
6"	19	4 1/4	8 1/2	14 1/2	8	2 1/8	1/16	345
8"	21 3/4	5	10 5/8	17 1/4	12	2 1/8	1/16	533
10"	26 1/2	6 1/2	12 3/4	21 1/4	12	2 5/8	1/16	1025
12"	30	7 1/4	15	24 3/8	12	2 7/8	1/16	1464

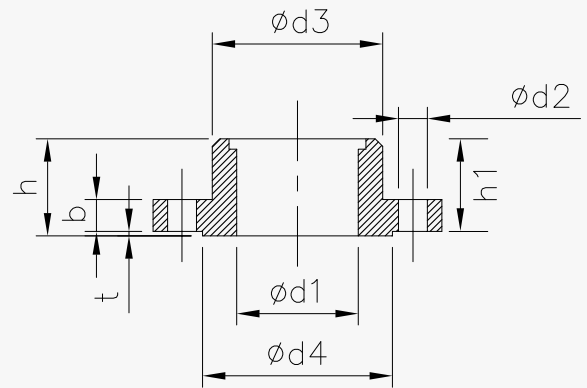
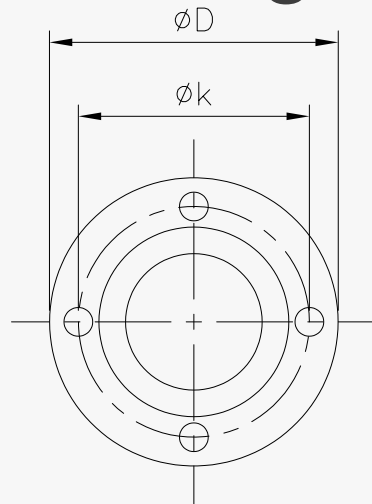
Threaded Flanges



ASME B 16.5 Class 150

NPS	d1	D	k	d4	t	d3	h	b	h1	d2	Holes
1/2"	0.93"	3.50"	2.38"	1.38"	.063"	1.19"	.62"	.38"	.56"	.62"	4
3/4"	1.14"	3.88"	2.75"	1.69"	.063"	1.50"	.62"	.44"	.56"	.62"	4
1"	1.41"	4.25"	3.12"	2.00"	.063"	1.94"	.69"	.50"	.63"	.62"	4
1-1/4"	1.75"	4.62"	3.50"	2.50"	.063"	2.31"	.81"	.56"	.75"	.62"	4
1-1/2"	1.99"	5.00"	3.88"	2.88"	.063"	2.56"	.88"	.62"	.82"	.62"	4
2"	2.50"	6.00"	4.75"	3.62"	.063"	3.06"	1.00"	.69"	.94"	.75"	4
2-1/2"	3.00"	7.00"	5.50"	4.12"	.063"	3.56"	1.12"	.82"	1.06"	.75"	4
3"	3.63"	7.50"	6.00"	5.00"	.063"	4.25"	1.19"	.88"	1.13"	.75"	4
3-1/2"	4.13"	8.50"	7.00"	5.50"	.063"	4.81"	1.25"	.88"	1.19"	.75"	8
4"	4.63"	9.00"	7.50"	6.19"	.063"	5.31"	1.31"	.88"	1.25"	.75"	8
5"	5.69"	10.00"	8.50"	7.31"	.063"	6.44"	1.44"	.88"	1.38"	.88"	8
6"	6.75"	11.00"	9.50"	8.50"	.063"	7.56"	1.56"	.94"	1.50"	.88"	8
8"	8.75"	13.50"	11.75"	10.62"	.063"	9.69"	1.75"	1.06"	1.69"	.88"	8
10"	10.88"	16.00"	14.25"	12.75"	.063"	12.00"	1.94"	1.13"	1.88"	1.00"	12
12"	12.94"	19.00"	17.00"	15.00"	.063"	14.38"	2.19"	1.19"	2.13"	1.00"	12
14"	14.19"	21.00"	18.75"	16.25"	.063"	15.75"	2.25"	1.32"	2.19"	1.12"	12
16"	16.19"	23.50"	21.25"	18.50"	.063"	18.00"	2.50"	1.38"	2.44"	1.12"	16
18"	18.19"	25.00"	22.75"	21.00"	.063"	19.88"	2.69"	1.50"	2.63"	1.25"	16
20"	20.19"	27.50"	25.00"	23.00"	.063"	22.00"	2.88"	1.63"	2.83"	1.25"	20
22"	22.19"	29.50"	27.25"	25.25"	.063"	24.25"	3.13"	1.75"	3.07"	1.38"	20
24"	24.19"	32.00"	29.50"	27.25"	.063"	26.12"	3.25"	1.82"	3.19"	1.38"	20

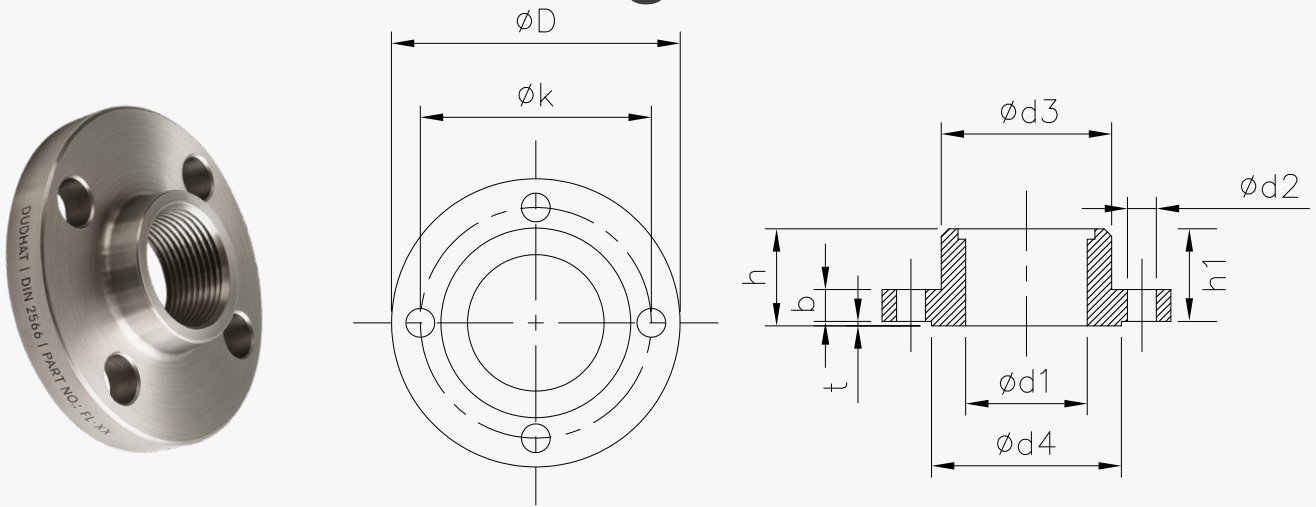
Threaded Flanges



ASME B 16.5 Class 300

NPS	d1	D	k	d4	t	d3	h	b	h1	d2	Holes
1/2"	0.93"	3.75"	2.62"	1.38"	.063"	1.50"	0.88"	0.50"	0.82"	0.62"	4
3/4"	1.14"	4.62"	3.25"	1.69"	.063"	1.88"	1.00"	0.56"	0.94"	0.75"	4
1"	1.41"	4.88"	3.50"	2.00"	.063"	2.12"	1.06"	0.63"	1.00"	0.75"	4
1-1/4"	1.75"	5.25"	3.88"	2.50"	.063"	2.50"	1.06"	0.69"	1.00"	0.75"	4
1-1/2"	1.99"	6.12"	4.50"	2.88"	.063"	2.75"	1.19"	0.75"	1.13"	0.88"	4
2"	2.50"	6.50"	5.00"	3.62"	.063"	3.31"	1.31"	0.82"	1.25"	0.75"	8
2-1/2"	3.00"	7.50"	5.88"	4.12"	.063"	3.94"	1.50"	0.94"	1.44"	0.88"	8
3"	3.63"	8.25"	6.62"	5.00"	.063"	4.62"	1.69"	1.06"	1.63"	0.88"	8
3-1/2"	4.13"	9.00"	7.25"	5.50"	.063"	5.25"	1.75"	1.13"	1.69"	0.88"	8
4"	4.63"	10.00"	7.88"	6.19"	.063"	5.75"	1.88"	1.19"	1.82"	0.88"	8
5"	5.69"	11.00"	9.25"	7.31"	.063"	7.00"	2.00"	1.32"	1.94"	0.88"	8
6"	6.75"	12.50"	10.62"	8.50"	.063"	8.12"	2.06"	1.38"	2.00"	0.88"	12
8"	8.75"	15.00"	13.00"	10.62"	.063"	10.25"	2.44"	1.56"	2.38"	1.00"	12
10"	10.88"	17.50"	15.25"	12.75"	.063"	12.62"	2.62"	1.82"	2.56"	1.12"	16
12"	12.94"	20.50"	17.75"	15.00"	.063"	14.75"	2.88"	1.94"	2.82"	1.25"	16
14"	14.19"	23.00"	20.25"	16.25"	.063"	16.75"	3.00"	2.06"	2.94"	1.25"	20
16"	16.19"	25.50"	22.50"	18.50"	.063"	19.00"	3.25"	2.19"	3.19"	1.38"	20
18"	18.19"	28.00"	24.75"	21.00"	.063"	21.00"	3.50"	2.32"	3.44"	1.38"	24
20"	20.19"	30.50"	27.00"	23.00"	.063"	23.12"	3.75"	2.44"	3.69"	1.38"	24
22"	22.19"	33.00"	29.25"	25.25"	.063"	25.25"	4.00"	2.57"	3.94"	1.63"	24
24"	24.19"	36.00"	32.00"	27.25"	.063"	27.62"	4.19"	2.69"	4.13"	1.62"	24

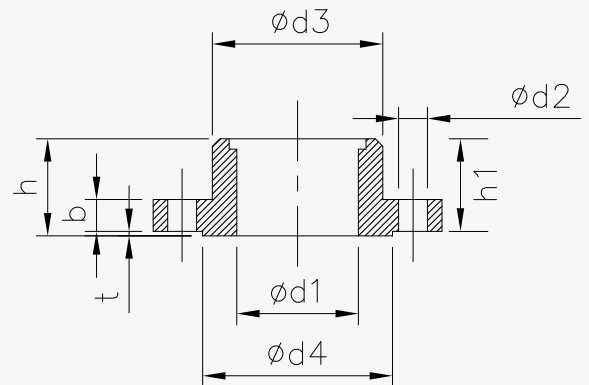
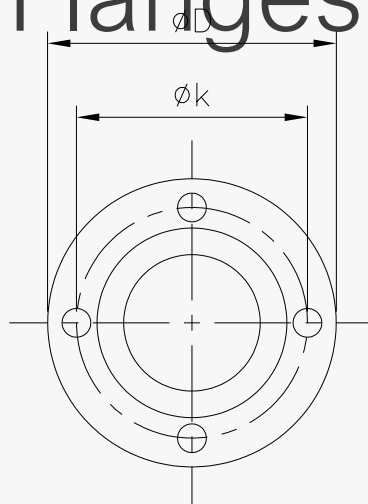
Threaded Flanges



ASME B 16.5 Class 400

NPS	d1	D	k	d4	t	d3	h	b	h1	d2	Holes
1/2"	0.93"	3.75"	2.62"	0.12"	.250"	1.50"	1.13"	0.56"	0.88"	0.62"	4
3/4"	1.14"	4.62"	3.25"	0.12"	.250"	1.88"	1.25"	0.62"	1.00"	0.75"	4
1"	1.41"	4.88"	3.50"	0.12"	.250"	2.12"	1.31"	0.69"	1.06"	0.75"	4
1-1/4"	1.75"	5.25"	3.88"	0.19"	.250"	2.50"	1.37"	0.81"	1.12"	0.75"	4
1-1/2"	1.99"	6.12"	4.50"	0.25"	.250"	2.75"	1.50"	0.88"	1.25"	0.88"	4
2"	2.50"	6.50"	5.00"	0.31"	.250"	3.31"	1.69"	1.00"	1.44"	0.75"	8
2-1/2"	3.00"	7.50"	5.88"	0.31"	.250"	3.94"	1.87"	1.12"	1.62"	0.88"	8
3"	3.63"	8.25"	6.62"	0.38"	.250"	4.62"	2.06"	1.25"	1.81"	0.88"	8
3-1/2"	4.13"	9.00"	7.25"	0.38"	.250"	5.25"	2.19"	1.38"	1.94"	1.00"	8
4"	4.63"	10.00"	7.88"	0.44"	.250"	5.75"	2.25"	1.38"	2.00"	1.00"	8
5"	5.69"	11.00"	9.25"	0.44"	.250"	7.00"	2.37"	1.50"	2.12"	1.00"	8
6"	6.75"	12.50"	10.62"	0.50"	.250"	8.12"	2.50"	1.62"	2.25"	1.00"	12
8"	8.75"	15.00"	13.00"	0.50"	.250"	10.25"	2.94"	1.88"	2.69"	1.12"	12
10"	10.88"	17.50"	15.25"	0.50"	.250"	12.62"	3.13"	2.12"	2.88"	1.25"	16
12"	12.94"	20.50"	17.75"	0.50"	.250"	14.75"	3.37"	2.25"	3.12"	1.38"	16
14"	14.19"	23.00"	20.25"	0.50"	.250"	16.75"	3.56"	2.38"	3.31"	1.38"	20
16"	16.19"	25.50"	22.50"	0.50"	.250"	19.00"	3.94"	2.50"	3.69"	1.50"	20
18"	18.19"	28.00"	24.75"	0.50"	.250"	21.00"	4.13"	2.62"	3.88"	1.50"	24
20"	20.19"	30.50"	27.00"	0.50"	.250"	23.12"	4.25"	2.75"	4.00"	1.62"	24
22"	22.19"	33.00"	29.25"	0.50"	.250"	25.25"	4.50"	2.88"	4.25"	1.75"	24
24"	24.19"	36.00"	32.00"	0.50"	.250"	27.62"	4.75"	3.00"	4.50"	1.88"	24

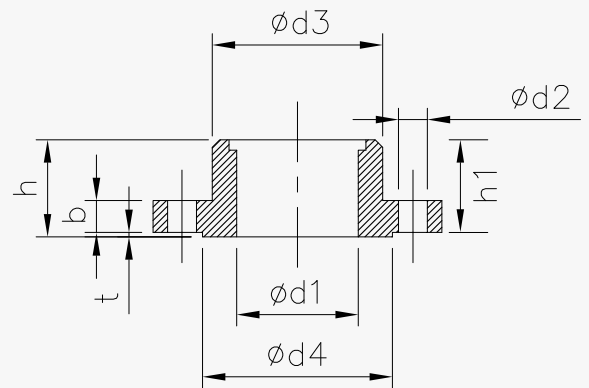
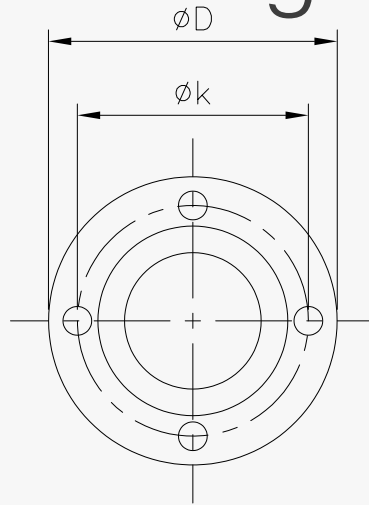
Threaded Flanges



ASME B 16.5 Class 900

NPS	d1	D	k	d4	t	d3	h	b	h1	d2	Holes
1/2"	0.93"	4.75"	3.25"	1.38"	.250"	1.50"	1.50"	0.88"	1.25"	0.88"	4
3/4"	1.14"	5.13"	3.50"	1.69"	.250"	1.75"	1.63"	1.00"	1.38"	0.88"	4
1"	1.41"	5.88"	4.00"	2.00"	.250"	2.06"	1.88"	1.13"	1.63"	1.00"	4
1-1/4"	1.75"	6.25"	4.38"	2.50"	.250"	2.50"	1.88"	1.13"	1.63"	1.00"	4
1-1/2"	1.99"	7.00"	4.88"	2.88"	.250"	2.75"	2.00"	1.25"	1.75"	1.13"	4
2"	2.50"	8.50"	6.50"	3.63"	.250"	4.13"	2.50"	1.50"	2.25"	1.00"	8
2-1/2"	3.00"	9.63"	7.50"	4.13"	.250"	4.88"	2.75"	1.63"	2.50"	1.13"	8
3"	3.63"	9.50"	7.50"	5.00"	.250"	5.00"	2.38"	1.50"	2.13"	1.00"	8
4"	4.63"	11.50"	9.25"	6.19"	.250"	6.25"	3.00"	1.75"	2.75"	1.25"	8
5"	5.69"	13.75"	11.00"	7.31"	.250"	7.50"	3.38"	3.00"	3.13"	1.38"	8
6"	6.75"	15.00"	12.50"	8.50"	.250"	9.25"	3.63"	2.19"	3.38"	1.25"	12
8"	8.75"	18.50"	15.50"	10.63"	.250"	11.75"	4.25"	2.50"	4.00"	1.50"	12
10"	10.88"	21.50"	18.50"	12.75"	.250"	14.50"	4.50"	2.75"	4.25"	1.50"	16
12"	12.94"	24.00"	21.00"	15.00"	.250"	16.50"	4.88"	3.13"	4.63"	1.50"	20
14"	14.19"	25.25"	22.00"	16.25"	.250"	17.75"	5.38"	3.38"	5.13"	1.63"	20
16"	16.19"	27.75"	24.25"	18.50"	.250"	20.00"	5.50"	3.50"	5.25"	1.75"	20
18"	18.19"	31.00"	27.00"	21.00"	.250"	22.25"	6.25"	4.00"	6.00"	2.00"	20
20"	20.19"	33.75"	29.50"	23.00"	.250"	24.50"	6.50"	4.25"	6.25"	2.13"	20
24"	24.19"	41.00"	35.50"	27.25"	.250"	29.50"	8.25"	5.50"	8.00"	2.63"	20

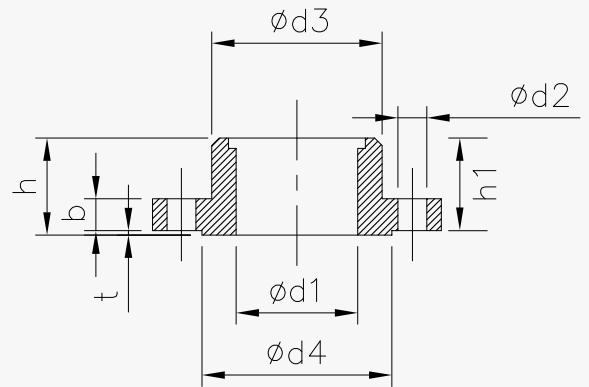
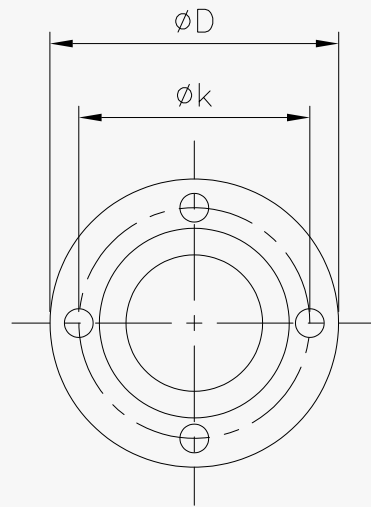
Threaded Flanges



ASME B 16.5 Class 1500

NPS	d1	D	k	d4	t	d3	h	b	h1	d2	Holes
1/2"	0.93"	4.75"	3.25"	1.38"	.250"	1.50"	1.50"	0.88"	1.25"	0.88"	4
3/4"	1.14"	5.13"	3.50"	1.69"	.250"	1.75"	1.63"	1.00"	1.38"	0.88"	4
1"	1.41"	5.88"	4.00"	2.00"	.250"	2.06"	1.88"	1.13"	1.63"	1.00"	4
1-1/4"	1.75"	6.25"	4.38"	2.50"	.250"	2.50"	1.88"	1.13"	1.63"	1.00"	4
1-1/2"	1.99"	7.00"	4.88"	2.88"	.250"	2.75"	2.00"	1.25"	1.75"	1.13"	4
2"	2.50"	8.50"	6.50"	3.63"	.250"	4.13"	2.50"	1.50"	2.25"	1.00"	8
2-1/2"	3.00"	9.63"	7.50"	4.13"	.250"	4.88"	2.75"	1.63"	2.50"	1.13"	8

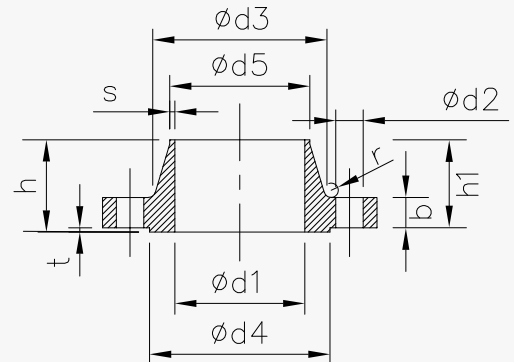
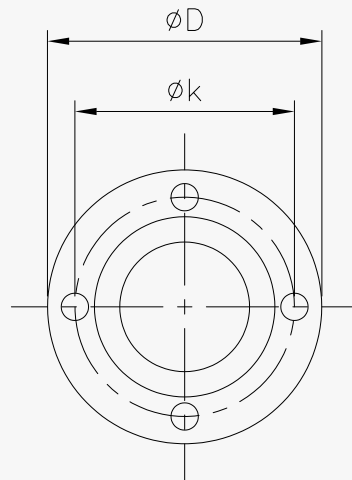
Threaded Flanges



ASME B 16.5 Class 1500

NPS	d1	D	k	d4	t	d3	h	b	h1	d2	Holes
1/2"	0.93"	4.75"	3.25"	1.38"	.250"	1.50"	1.50"	0.88"	1.25"	0.88"	4
3/4"	1.14"	5.13"	3.50"	1.69"	.250"	1.75"	1.63"	1.00"	1.38"	0.88"	4
1"	1.41"	5.88"	4.00"	2.00"	.250"	2.06"	1.88"	1.13"	1.63"	1.00"	4
1-1/4"	1.75"	6.25"	4.38"	2.50"	.250"	2.50"	1.88"	1.13"	1.63"	1.00"	4
1-1/2"	1.99"	7.00"	4.88"	2.88"	.250"	2.75"	2.00"	1.25"	1.75"	1.13"	4
2"	2.50"	8.50"	6.50"	3.63"	.250"	4.13"	2.50"	1.50"	2.25"	1.00"	8
2-1/2"	3.00"	9.63"	7.50"	4.13"	.250"	4.88"	2.75"	1.63"	2.50"	1.13"	8

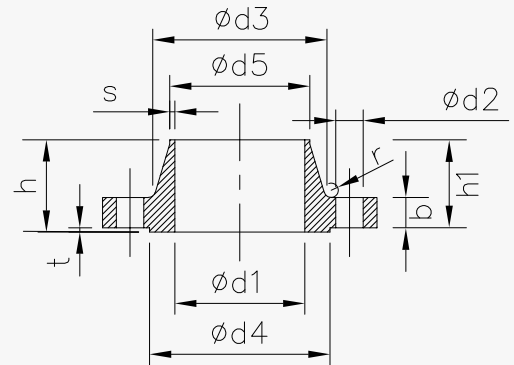
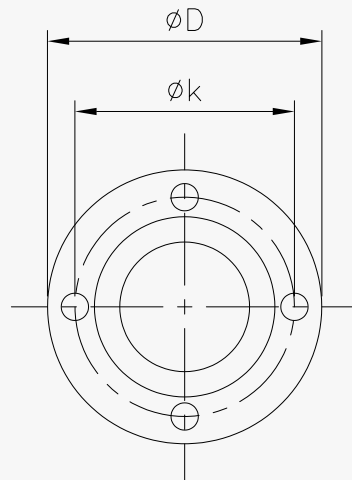
Weld Neck Flanges



ASME B 16.5 Class 150

NPS	d1	D	k	d4	t	d3	d5	h	b	h1	d2	Holes
1/2"	0.62"	3.50"	2.38"	1.38"	.063"	1.19"	0.84"	1.88"	.38"	1.82"	.62"	4
3/4"	0.82"	3.88"	2.75"	1.69"	.063"	1.50"	1.05"	2.06"	.44"	2.00"	.62"	4
1"	1.05"	4.25"	3.12"	2.00"	.063"	1.94"	1.32"	2.19"	.50"	2.13"	.62"	4
1-1/4"	1.38"	4.62"	3.50"	2.50"	.063"	2.31"	1.66"	2.25"	.56"	2.19"	.62"	4
1-1/2"	1.61"	5.00"	3.88"	2.88"	.063"	2.56"	1.90"	2.44"	.62"	2.38"	.62"	4
2"	2.07"	6.00"	4.75"	3.62"	.063"	3.06"	2.38"	2.50"	.69"	2.44"	.75"	4
2-1/2"	2.47"	7.00"	5.50"	4.12"	.063"	3.56"	2.88"	2.75"	.82"	2.69"	.75"	4
3"	3.07"	7.50"	6.00"	5.00"	.063"	4.25"	3.50"	2.75"	.88"	2.69"	.75"	4
3-1/2"	3.55"	8.50"	7.00"	5.50"	.063"	4.81"	4.00"	2.81"	.88"	2.75"	.75"	8
4"	4.03"	9.00"	7.50"	6.19"	.063"	5.31"	4.50"	3.00"	.88"	2.94"	.75"	8
5"	5.05"	10.00"	8.50"	7.31"	.063"	6.44"	5.56"	3.50"	.88"	3.44"	.88"	8
6"	6.07"	11.00"	9.50"	8.50"	.063"	7.56"	6.63"	3.50"	.94"	3.44"	.88"	8
8"	7.98"	13.50"	11.75"	10.62"	.063"	9.69"	8.63"	4.00"	1.06"	3.94"	.88"	8
10"	10.02"	16.00"	14.25"	12.75"	.063"	12.00"	10.75"	4.00"	1.13"	3.94"	1.00"	12
12"	12.00"	19.00"	17.00"	15.00"	.063"	14.38"	12.75"	4.50"	1.19"	4.44"	1.00"	12
14"	13.25"	21.00"	18.75"	16.25"	.063"	15.75"	14.00"	5.00"	1.32"	4.94"	1.12"	12
16"	15.25"	23.50"	21.25"	18.50"	.063"	18.00"	16.00"	5.00"	1.38"	4.94"	1.12"	16
18"	17.25"	25.00"	22.75"	21.00"	.063"	19.88"	18.00"	5.50"	1.50"	5.44"	1.25"	16
20"	19.25"	27.50"	25.00"	23.00"	.063"	22.00"	20.00"	5.69"	1.63"	5.63"	1.25"	20
22"	21.25"	29.50"	27.25"	25.25"	.063"	24.25"	22.00"	5.88"	1.75"	5.82"	1.38"	20
24"	23.25"	32.00"	29.50"	27.25"	.063"	26.12"	24.00"	6.00"	1.82"	5.94"	1.38"	20

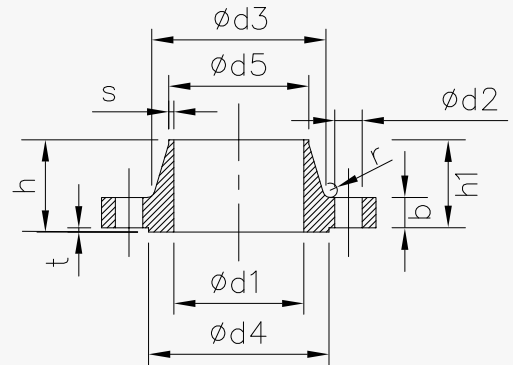
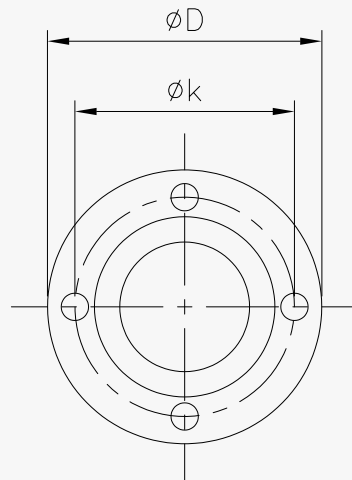
Weld Neck Flanges



ASME B 16.5 Class 300

NPS	d1	D	k	d4	t	d3	d5	h	b	h1	d2	Holes
1/2"	0.62"	3.75"	2.62"	1.38"	.063"	1.50"	0.84"	2.06"	.50"	2.00"	0.62"	4
3/4"	0.82"	4.62"	3.25"	1.69"	.063"	1.88"	1.05"	2.25"	.56"	2.19"	0.75"	4
1"	1.05"	4.88"	3.50"	2.00"	.063"	2.12"	1.32"	2.44"	.63"	2.38"	0.75"	4
1-1/4"	1.38"	5.25"	3.88"	2.50"	.063"	2.50"	1.66"	2.56"	.69"	2.50"	0.75"	4
1-1/2"	1.61"	6.12"	4.50"	2.88"	.063"	2.75"	1.90"	2.69"	.75"	2.63"	0.88"	4
2"	2.07"	6.50"	5.00"	3.62"	.063"	3.31"	2.38"	2.75"	.82"	2.69"	0.75"	8
2-1/2"	2.47"	7.50"	5.88"	4.12"	.063"	3.94"	2.88"	3.00"	.94"	2.94"	0.88"	8
3"	3.07"	8.25"	6.62"	5.00"	.063"	4.62"	3.50"	3.12"	1.06"	3.06"	0.88"	8
3-1/2"	3.55"	9.00"	7.25"	5.50"	.063"	5.25"	4.00"	3.19"	1.13"	3.13"	0.88"	8
4"	4.03"	10.00"	7.88"	6.19"	.063"	5.75"	4.50"	3.38"	1.19"	3.32"	0.88"	8
5"	5.05"	11.00"	9.25"	7.31"	.063"	7.00"	5.56"	3.88"	1.32"	3.82"	0.88"	8
6"	6.07"	12.50"	10.62"	8.50"	.063"	8.12"	6.63"	3.88"	1.38"	3.82"	0.88"	12
8"	7.98"	15.00"	13.00"	10.62"	.063"	10.25"	8.63"	4.38"	1.56"	4.32"	1.00"	12
10"	10.02"	17.50"	15.25"	12.75"	.063"	12.62"	10.75"	4.62"	1.82"	4.56"	1.12"	16
12"	12.00"	20.50"	17.75"	15.00"	.063"	14.75"	12.75"	5.12"	1.94"	5.06"	1.25"	16
14"	13.25"	23.00"	20.25"	16.25"	.063"	16.75"	14.00"	5.62"	2.06"	5.56"	1.25"	20
16"	15.25"	25.50"	22.50"	18.50"	.063"	19.00"	16.00"	5.75"	2.19"	5.69"	1.38"	20
18"	17.25"	28.00"	24.75"	21.00"	.063"	21.00"	18.00"	6.25"	2.32"	6.19"	1.38"	24
20"	19.25"	30.50"	27.00"	23.00"	.063"	23.12"	20.00"	6.38"	2.44"	6.32"	1.38"	24
22"	21.25"	33.00"	29.25"	25.25"	.063"	25.25"	22.00"	6.50"	2.57"	6.44"	1.62"	24
24"	23.25"	36.00"	32.0"	27.25"	.063"	27.62"	24.00"	6.62"	2.69"	6.56"	1.62"	24

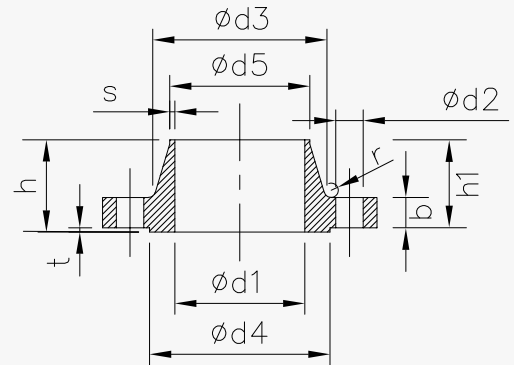
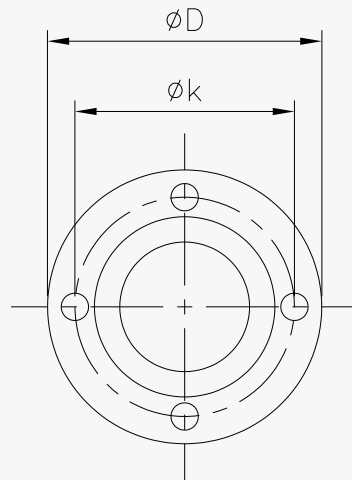
Weld Neck Flanges



ASME B 16.5 Class 400

NPS	d1	D	k	d4	t	d3	d5	h	b	h1	d2	Holes
1/2"	.55"	3.75"	2.62"	1.38"	.250"	1.50"	0.84"	2.31"	0.56"	2.06"	0.62"	4
3/4"	.74"	4.62"	3.25"	1.69"	.250"	1.88"	1.05"	2.50"	0.62"	2.25"	0.75"	4
1"	.96"	4.88"	3.50"	2.00"	.250"	2.12"	1.32"	2.69"	0.69"	2.44"	0.75"	4
1-1/4"	1.28"	5.25"	3.88"	2.50"	.250"	2.50"	1.66"	2.87"	0.81"	2.62"	0.75"	4
1-1/2"	1.50"	6.12"	4.50"	2.88"	.250"	2.75"	1.90"	3.00"	0.88"	2.75"	0.88"	4
2"	1.94"	6.50"	5.00"	3.62"	.250"	3.31"	2.38"	3.13"	1.00"	2.88"	0.75"	8
2-1/2"	2.32"	7.50"	5.88"	4.12"	.250"	3.94"	2.88"	3.37"	1.12"	3.12"	0.88"	8
3"	2.90"	8.25"	6.62"	5.00"	.250"	4.62"	3.50"	3.50"	1.25"	3.25"	0.88"	8
3-1/2"	3.36"	9.00"	7.25"	5.50"	.250"	5.25"	4.00"	3.63"	1.38"	3.38"	1.00"	8
4"	3.83"	10.00"	7.88"	6.19"	.250"	5.75"	4.50"	3.75"	1.38"	3.50"	1.00"	8
5"	4.81"	11.00"	9.25"	7.31"	.250"	7.00"	5.56"	4.25"	1.50"	4.00"	1.00"	8
6"	5.76"	12.50"	10.62"	8.50"	.250"	8.12"	6.63"	4.31"	1.62"	4.06"	1.00"	12
8"	7.63"	15.00"	13.00"	10.62"	.250"	10.25"	8.63"	4.87"	1.88"	4.62"	1.12"	12
10"	9.75"	17.50"	15.25"	12.75"	.250"	12.62"	10.75"	5.13"	2.12"	4.88"	1.25"	16
12"	11.75"	20.50"	17.75"	15.00"	.250"	14.75"	12.75"	5.63"	2.25"	5.38"	1.38"	16
14"	13.00"	23.00"	20.25"	16.25"	.250"	16.75"	14.00"	6.13"	2.38"	5.88"	1.38"	20
16"	15.00"	25.50"	22.50"	18.50"	.250"	19.00"	16.00"	6.25"	2.50"	6.00"	1.50"	20
18"	17.00"	28.00"	24.75"	21.00"	.250"	21.00"	18.00"	6.75"	2.62"	6.50"	1.50"	24
20"	19.00"	30.50"	27.00"	23.00"	.250"	23.12"	20.00"	6.87"	2.75"	6.62"	1.62"	24
22"	21.00"	33.00"	29.25"	25.25"	.250"	25.25"	22.00"	7.00"	2.88"	6.75"	1.75"	24
24"	23.00"	36.00"	32.00"	27.25"	.250"	27.62"	24.00"	7.13"	3.00"	6.88"	1.88"	24

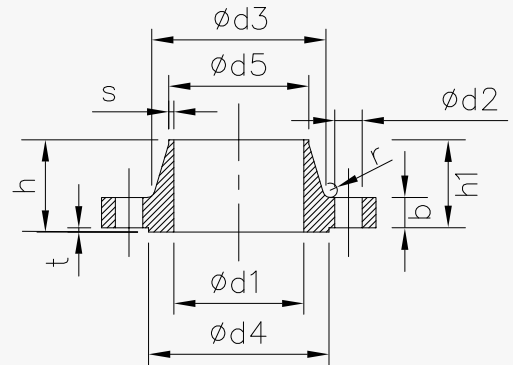
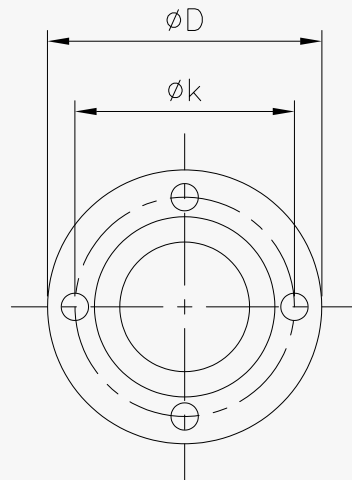
Weld Neck Flanges



ASME B 16.5 Class 600

NPS	d1	D	k	d4	t	d3	d5	h	b	h1	d2	Holes
1/2"	0.55"	3.75"	2.62"	1.38"	.250"	1.50"	0.84"	2.31"	0.56"	2.06"	0.62"	4
3/4"	0.74"	4.62"	3.25"	1.69"	.250"	1.88"	1.05"	2.50"	0.62"	2.25"	0.75"	4
1"	0.96"	4.88"	3.50"	2.00"	.250"	2.12"	1.32"	2.69"	0.69"	2.44"	0.75"	4
1-1/4"	1.28"	5.25"	3.88"	2.50"	.250"	2.50"	1.66"	2.87"	0.81"	2.62"	0.75"	4
1-1/2"	1.50"	6.12"	4.50"	2.88"	.250"	2.75"	1.90"	3.00"	0.88"	2.75"	0.88"	4
2"	1.94"	6.50"	5.00"	3.62"	.250"	3.31"	2.38"	3.13"	1.00"	2.88"	0.75"	8
2-1/2"	2.32"	7.50"	5.88"	4.12"	.250"	3.94"	2.88"	3.37"	1.12"	3.12"	0.88"	8
3"	2.90"	8.25"	6.62"	5.00"	.250"	4.62"	3.50"	3.50"	1.25"	3.25"	0.88"	8
3-1/2"	3.36"	9.00"	7.25"	5.50"	.250"	5.25"	4.00"	3.63"	1.38"	3.38"	1.00"	8
4"	3.83"	10.75"	8.50"	6.19"	.250"	6.00"	4.50"	4.25"	1.5"	4.00"	1.00"	8
5"	4.81"	13.00"	10.50"	7.31"	.250"	7.44"	5.56"	4.75"	1.75"	4.50"	1.12"	8
6"	5.76"	14.00"	11.50"	8.50"	.250"	8.75"	6.63"	4.87"	1.88"	4.62"	1.12"	12
8"	7.63"	16.50"	13.75"	10.62"	.250"	10.75"	8.63"	5.50"	2.19"	5.25"	1.25"	12
10"	9.75"	20.00"	17.00"	12.75"	.250"	13.5"	10.75"	6.25"	2.50"	6.00"	1.38"	16
12"	11.75"	22.00"	19.25"	15.00"	.250"	15.75"	12.75"	6.37"	2.62"	6.12"	1.38"	20
14"	13.00"	23.75"	20.75"	16.25"	.250"	17.00"	14.00"	6.75"	2.75"	6.50"	1.50"	20
16"	15.00"	27.00"	23.75"	18.50"	.250"	19.50"	16.00"	7.25"	3.00"	7.00"	1.62"	20
18"	17.00"	29.25"	25.75"	21.00"	.250"	21.50"	18.00"	7.50"	3.25"	7.25"	1.75"	20
20"	19.00"	32.00"	28.50"	23.00"	.250"	24.00"	20.00"	7.75"	3.50"	7.50"	1.75"	24
22"	21.00"	34.25"	30.63"	25.25"	.250"	26.25"	22.00"	8.00"	3.75"	7.75"	1.75"	24
24"	23.00"	37.00"	33.00"	27.25"	.250"	28.25"	24.00"	8.25"	4.00"	8.00"	2.00"	24

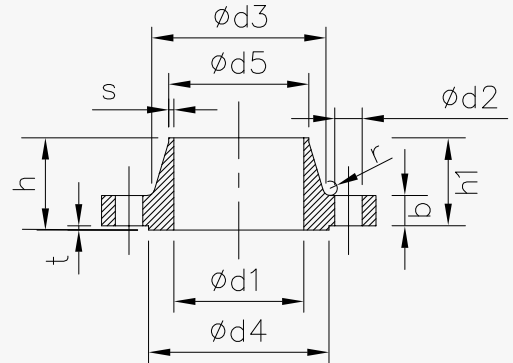
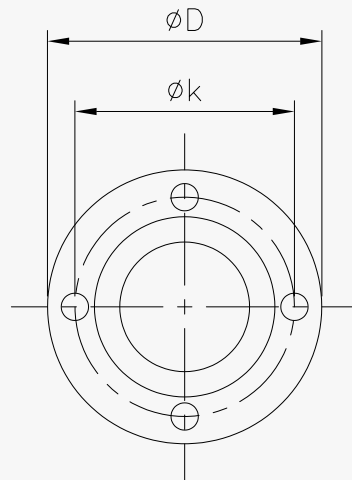
Weld Neck Flanges



ASME B 16.5 Class 900

NPS	d1	D	k	d4	t	d3	d5	h	b	h1	d2	Holes
3"	2.90"	9.50"	7.50"	5.00"	.250"	5.00"	3.50"	4.25"	1.50"	4.00"	1.00"	8
4"	3.83"	11.50"	9.25"	6.19"	.250"	6.25"	4.50"	4.75"	1.75"	4.50"	1.25"	8
5"	4.81"	13.75"	11.00"	7.31"	.250"	7.50"	5.56"	5.25"	3.00"	5.00"	1.38"	8
6"	5.76"	15.00"	12.50"	8.50"	.250"	9.25"	6.63"	5.75"	2.19"	5.50"	1.25"	12
8"	7.63"	18.50"	15.50"	10.63"	.250"	11.75"	8.63"	6.63"	2.50"	6.38"	1.50"	12
10"	9.75"	21.50"	18.50"	12.75"	.250"	14.50"	10.75"	7.50"	2.75"	7.25"	1.50"	16
12"	11.75"	24.00"	21.00"	15.00"	.250"	16.50"	12.75"	8.13"	3.13"	7.88"	1.50"	20
14"	13.00"	25.25"	22.00"	16.25"	.250"	17.75"	14.00"	8.63"	3.38"	8.38"	1.63"	20
16"	15.00"	27.75"	24.25"	18.50"	.250"	20.00"	16.00"	8.75"	3.50"	8.50"	1.75"	20
18"	17.00"	31.00"	27.00"	21.00"	.250"	22.25"	18.00"	9.25"	4.00"	9.00"	2.00"	20
20"	19.00"	33.75"	29.50"	23.00"	.250"	24.50"	20.00"	10.00"	4.25"	9.75"	2.13"	20
24"	23.00"	41.00"	35.50"	27.25"	.250"	29.50"	24.00"	11.75"	5.50"	11.50"	2.63"	20

Weld Neck Flanges



ASME B 16.5 Class 1500

NPS	d1	D	k	d4	t	d3	d5	h	b	h1	d2	Holes
1/2"	0.55"	4.75"	3.25"	1.38"	.250"	1.50"	0.84"	2.63"	0.88"	2.38"	0.88"	4
3/4"	0.74"	5.13"	3.50"	1.69"	.250"	1.75"	1.05"	3.00"	1.00"	2.75"	0.88"	4
1"	0.96"	5.88"	4.00"	2.00"	.250"	2.06"	1.32"	3.13"	1.13"	2.88"	1.00"	4
1-1/4"	1.28"	6.25"	4.38"	2.50"	.250"	2.50"	1.66"	3.13"	1.13"	2.88"	1.00"	4
1-1/2"	1.50"	7.00"	4.88"	2.88"	.250"	2.75"	1.90"	3.50"	1.25"	3.25"	1.13"	4
2"	1.94"	8.50"	6.50"	3.63"	.250"	4.13"	2.38"	4.25"	1.50"	4.00"	1.00"	8
2-1/2"	2.32"	9.63"	7.50"	4.13"	.250"	4.88"	2.88"	4.38"	1.63"	4.13"	1.13"	8
3"	2.90"	10.50"	8.00"	5.00"	.250"	5.25"	3.50"	4.88"	1.88"	4.63"	1.25"	8
4"	3.83"	12.25"	9.50"	6.19"	.250"	6.38"	4.50"	5.13"	2.13"	4.88"	1.38"	8
5"	4.81"	14.75"	11.50"	7.31"	.250"	7.75"	5.56"	6.38"	2.88"	6.13"	1.63"	8
6"	5.76"	15.50"	12.50"	8.50"	.250"	9.00"	6.63"	7.00"	3.25"	6.75"	1.50"	12
8"	7.63"	19.00"	15.50"	10.63"	.250"	11.50"	8.63"	8.63"	3.63"	8.38"	1.75"	12
10"	9.75"	23.00"	19.00"	12.75"	.250"	14.50"	10.75"	10.25"	4.25"	10.00"	2.00"	12
12"	11.75"	26.50"	22.50"	15.00"	.250"	17.75"	12.75"	11.38"	4.88"	11.13"	2.13"	16
14"	13.00"	29.50"	25.00"	16.25"	.250"	19.50"	14.00"	12.00"	5.25"	11.75"	2.38"	16
16"	15.00"	32.50"	27.75"	18.50"	.250"	21.75"	16.00"	12.50"	5.75"	12.25"	2.63"	16
18"	17.00"	36.00"	30.50"	21.00"	.250"	23.50"	18.00"	13.13"	6.38"	12.88"	2.88"	16
20"	19.00"	38.75"	32.75"	23.00"	.250"	25.25"	20.00"	14.25"	7.00"	14.00"	3.13"	16
24"	23.00"	46.00"	39.00"	27.25"	.250"	30.00"	24.00"	16.25"	8.00"	16.00"	3.63"	16



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