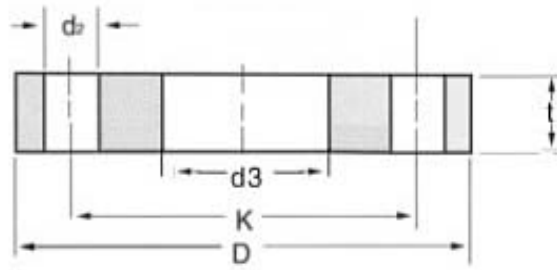


UNIT:mm

DN	Flange			Bolt Holes			Line	Chamfer	Weight
	Inside Dia	Outside Dia	Thick	No.	Dia	Centre			kgs/pc
	d3	D	t		d2	K			
10	18.0	90	14	4	14	60	2	1	0.604
15	22.0	95	14	4	14	65	2	1	0.670
20	27.5	105	16	4	14	75	2	1	0.936
25	34.5	115	16	4	14	85	2	1	1.110
32	43.5	140	18	4	18	100	2	1	1.820
40	49.5	150	18	4	18	110	2	1	2.080
50	61.5	165	20	4	18	125	2	1.5	2.730
65	77.5	185	20	8	18	145	2	1.5	3.160 ^a
80	90.5	200	20	8	18	160	2	1.5	3.600
100	116.0	220	22	8	18	180	2	1.5	4.390
125	141.5	250	22	8	18	210	2	1.5	5.410
150	170.5	285	24	8	22	240	2	2	7.140
200	221.5	340	24	8	22	295	2	2	9.270
250	276.5	395	26	12	22	350	2	2	11.800
300	327.5	445	26	12	22	400	2	2	13.600
350	359.5	505	28	16	22	460	2	2.5	20.400
400	411.0	565	32	16	26	515	2	2.5	27.500
450	462.0	615	36	20	26	565	2	2.5	33.600
500	513.5	670	38	20	26	620	2	2.5	40.200
600	616.5	780	42	20	30	725	2	2.5	54.500

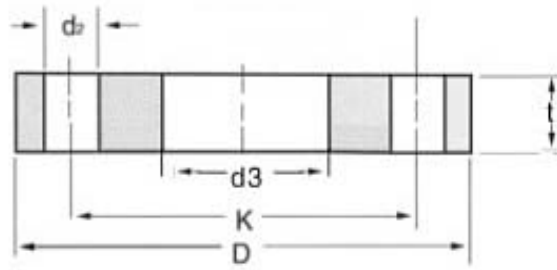
^a:With 8 bolt holes.



UNIT:mm

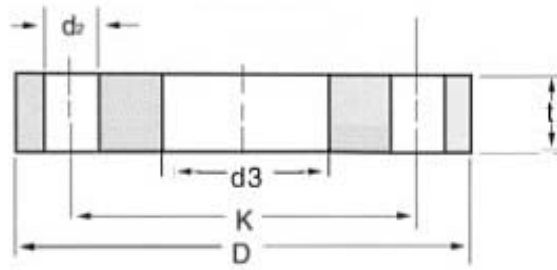
DN	Flange			Bolt Holes			Line	Chamfer	Weight
	Inside Dia	Outside Dia	Thick	No.	Dia	Centre			kgs/pc
	d3	D	t		d2	K			
10	18.0	90	14	4	14	60	2	1	0.604
15	22.0	95	14	4	14	65	2	1	0.670
20	27.5	105	16	4	14	75	2	1	0.936
25	34.5	115	16	4	14	85	2	1	1.110
32	43.5	140	18	4	18	100	2	1	1.820
40	49.5	150	18	4	18	110	2	1	2.080
50	61.5	165	20	4	18	125	2	1.5	2.730
65	77.5	185	20	8	18	145	2	1.5	3.160 ^a
80	90.5	200	20	8	18	160	2	1.5	3.600
100	116.0	220	22	8	18	180	2	1.5	4.390
125	141.5	250	22	8	18	210	2	1.5	5.410
150	170.5	285	24	8	22	240	2	2	7.140
200	221.5	340	26	12	22	295	2	2	9.730
250	276.5	405	29	12	26	355	2	2	14.200
300	327.5	460	32	12	26	410	2	2	19.000
350	359.0	520	35	16	26	470	2	2.5	28.200
400	411.0	580	38	16	30	525	2	2.5	35.900
450	462.0	640	42	20	30	585	2	2.5	46.100
500	513.5	715	46	20	33	650	2	2.5	64.000
600	616.5	840	55	20	36	770	2	2.5	102.000

^a:With 8 bolt holes.



UNIT:mm

DN	Flange			Bolt Holes			Line	Chamfer	Weight
	Inside Dia	Outside Dia	Thick	No.	Dia	Centre			kgs/pc
	d3	D	t		d2	K			
10	18.0	90	14	4	14	60	2	1	0.604
15	22.0	95	14	4	14	65	2	1	0.670
20	27.5	105	16	4	14	75	2	1	0.936
25	34.5	115	16	4	14	85	2	1	1.110
32	43.5	140	18	4	18	100	2	1	1.820
40	49.5	150	18	4	18	110	2	1	2.080
50	61.5	165	20	4	18	125	2	1.5	2.730
65	77.5	185	22	8	18	145	2	1.5	3.480
80	90.5	200	24	8	18	160	2	1.5	4.320
100	116.0	235	26	8	22	190	2	1.5	6.070
125	141.5	270	28	8	26	220	2	1.5	8.190
150	170.5	300	30	8	26	250	2	2	10.300
200	221.5	360	32	12	26	310	2	2	14.300
250	276.5	425	35	12	30	370	2	2	20.100
300	327.5	485	38	16	30	430	2	2	26.600
350	359.5	555	42	16	33	490	2	2.5	41.800
400	411.0	620	48	16	36	550	2	2.5	57.600
450	462.0	670	54	20	36	600	2	2.5	69.800
500	513.5	730	58	20	36	660	2	2.5	87.000
600	616.5	845	68	20	39	770	2	2.5	127.000



UNIT:mm

DN	Flange			Bolt Holes			Line	Chamfer	Weight
	Inside Dia	Outside Dia	Thick	No.	Dia	Centre			kgs/pc
	d3	D	t		d2	K			
10	18.0	90	14	4	14	60	2	1	0.604
15	22.0	95	14	4	14	65	2	1	0.670
20	27.5	105	16	4	14	75	2	1	0.936
25	34.5	115	16	4	14	85	2	1	1.110
32	43.5	140	18	4	18	100	2	1	1.820
40	49.5	150	18	4	18	110	2	1	2.080
50	61.5	165	20	4	18	125	2	1.5	2.730
65	77.5	185	22	8	18	145	2	1.5	3.480
80	90.5	200	24	8	18	160	2	1.5	4.320
100	116.0	235	26	8	22	190	2	1.5	6.070
125	141.5	270	28	8	26	220	2	1.5	8.190
150	170.5	300	30	8	26	250	2	2	10.300
200	221.5	375	36	12	30	320	2	2	17.900
250	276.5	450	42	12	33	385	2	2	29.300
300	327.5	515	52	16	33	450	2	2	45.100
350	359.5	580	58	16	36	510	2	2.5	66.700
400	411.0	660	65	16	39	585	2	2.5	97.100
450	462.0	685	66	20	39	610	2	2.5	91.772
500	513.5	755	72	20	42	670	2	2.5	120.417
600	616.5	890	84	20	48	795	2	2.5	189.663