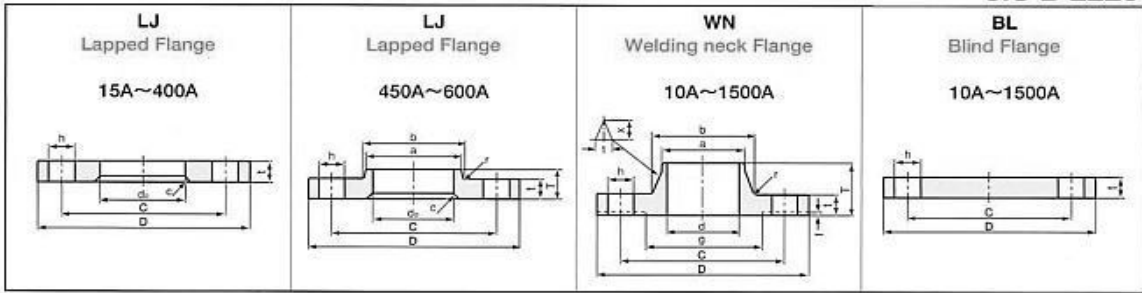


Dimensions of JIS 5K flanges
JIS 5K

JIS B 2220



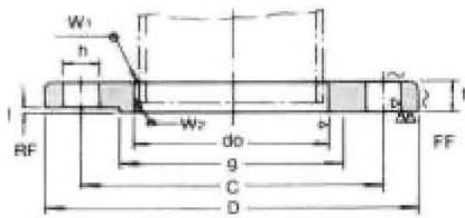
Unit : mm

Nominal Size	Thickness of Flange		Diam. of Hub at Small End		Diam. of Hub at Large End		Taper of Hub	Length thru. Hub		Chamfering	Radius of Fillet at Base of Hub		Thick-ness	Taper of Hub
	Except BL	BL	SOH SW LJ, TR	WN	SOH SW LJ, TR	WN		WN	SOH SW LJ, TR		WN	(1)		
							t			a			b	x
10	9		23	17.3	26	26	1.25	13	24	—	4	4	—	—
15	9		27	21.7	30	31	1.25	13	25	3	4	4	—	—
20	10		33	27.2	36	38	1.25	15	28	3	4	4	—	—
25	10		41	34.0	44	46	1.25	17	30	3	4	4	—	—
32	12		50	42.7	53	55	1.25	19	33	4	4	4	—	—
40	12		56	48.6	60	62	1.25	20	34	4	4	4	—	—
50	14		69	60.5	73	73	1.25	24	36	4	4	4	—	—
65	14		86	76.3	91	91	1.25	27	39	5	4	4	—	—
80	14		99	89.1	105	105	1.25	30	41	5	4	4	—	—
90	14		—	101.6	—	117	1.25	—	41	5	—	4	—	—
100	16		127	114.3	130	128	1.25	36	41	5	4	4	—	—
125	16		154	139.8	161	156	1.25	40	43	6	4	4	—	—
150	18		182	165.2	189	184	1.25	40	49	6	4	4	—	—
175	18		—	190.7	—	209	1.25	—	49	—	—	4	—	—
200	20		—	216.3	—	235	1.25	—	53	6	—	4	—	—
225	20		—	241.8	—	261	1.25	—	54	—	—	4	—	—
250	22		—	267.4	—	290	1.25	—	61	6	—	4	—	—
300	22		—	318.5	—	342	1.25	—	62	9	—	4	—	—
350	24		—	355.6	—	385	1.25	—	73	9	—	4	—	—
400	24		—	406.4	—	438	1.25	—	76	9	—	4	—	—
450	24		495	457.2	500	491	1.25	40	79	9	5	5	—	—
500	24		546	508.0	552	541	1.25	40	79	9	5	5	—	—
550	26		597	558.8	603	593	1.25	42	81	9	5	5	—	—
600	26		648	609.6	654	643	1.25	44	81	9	5	5	—	—
650	26	28	702	660.4	708	698	1.25	48	85	—	5	5	—	—
700	26	30	751	711.2	758	748	1.5	48	94	—	5	5	36	1.25
750	28	32	802	762.0	810	802	1.5	52	100	—	5	5	38	1.25
800	28	34	854	812.8	862	852	1.5	52	100	—	5	5	38	1.25
850	28	36	904	863.6	912	902	1.75	54	108	—	5	5	38	1.5
900	30	36	956	914.4	964	952	1.75	56	108	—	5	5	40	1.5
1000	32	40	1058	1016.0	1066	1052	2	60	116	—	5	5	50	1.5
1100	32	44	1158	1117.6	1170	1162	2	71	136	—	7	8	56	1.5
1200	34	48	1260	1219.2	1272	1272	2	77	155	—	7	8	62	1.5
1350	34	54	1414	1371.6	1426	1427	2	80	164	—	7	8	62	1.5
1500	36	58	1568	1524.0	1580	1582	2	86	172	—	7	10	66	1.5

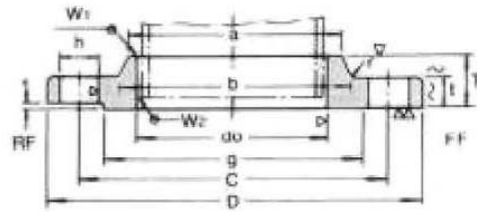
Notes: (1) The rounding at radius c is acceptable.

(2) By the agreement of the delivery parties, these sizes can be adopted.

NOMINAL SIZE 10-400mm



NOMINAL SIZE 450-1000mm



Dimensions

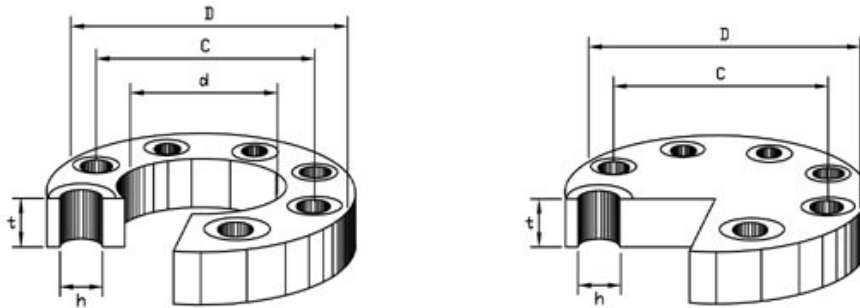
Unit: mm

Nominal Dia of Flange	Outside Dia. of Flange	Sectional Dimensions of Flange											Nominal Bolt Size	Weld Length (Reference)		Approx. Weight (kg/W)	
		Dia. of Bolt Circle	Dia. of Raised Face	Inside Dia of Flange	Outside Dia of Steel Pipe	t	T	Dia. Of Hub		Radius r	Raised	Hole Dia.		Number of Bolt Holes	W ₁		W ₂
								a	b								
10	90	65	46	17.0	17.3	12	-	-	-	-	1	15	4	M12	5	2.5	0.52
15	95	70	51	22.2	21.7	12	-	-	-	-	1	15	4	M12	5	3	0.57
20	100	75	56	27.7	27.2	14	-	-	-	-	1	15	4	M12	5	3	0.73
25	125	90	67	34.5	34.0	14	-	-	-	-	1	19	4	M16	5	3	1.13
32	135	100	76	43.2	42.7	16	-	-	-	-	2	19	4	M16	6	3	1.48
50	140	105	81	49.1	48.6	-	-	-	-	-	2	19	4	M16	6	3	1.56
50	155	120	96	61.1	60.5	16	-	-	-	-	2	19	4	M16	6	3	1.88
65	175	140	116	77.1	76.3	18	-	-	-	-	2	19	4	M16	6.5	4	2.6
80	165	150	126	90	89.1	18	-	-	-	-	2	19	8	M16	6.5	4	2.61
(90)	195	160	136	102.6	101.6	18	-	-	-	-	2	19	8	M16	6.5	4	2.76
100	210	175	151	115.4	114.3	18	-	-	-	-	2	19	8	M16	7	4	3.14
125	250	210	162	141.2	139.8	20	-	-	-	-	2	23	8	M20	7.5	4	4.77
150	280	240	212	166.6	165.2	22	-	-	-	-	2	23	8	M20	8	5	6.34
(175)	305	265	237	192.1	190.7	22	-	-	-	-	2	23	12	M20	9	5	6.82
200	330	290	262	218	216.3	22	-	-	-	-	2	23	12	M20	9	6	7.53
(225)	350	310	262	243.7	241.8	22	-	-	-	-	2	23	12	M20	9	6	7.74
250	400	355	324	269.5	267.4	24	36	288	292	6	2	25	12	M22	10	6	12.7
300	445	400	368	321	318.5	24	38	340	346	6	3	25	16	M22	10	6	13.8
350	490	445	413	358.1	355.6	26	42	380	386	6	3	25	16	M22	12	7	16.2
400	560	510	475	409	406.4	28	44	436	442	6	3	27	20	M24	12	7	25.2
450	620	565	530	460	457.2	30	48	496	502	6	3	27	20	M24	14	8	33
500	675	620	585	511	508	30	48	548	554	6	3	27	20	M24	14	8	37.6
550	745	680	640	562	558.8	32	52	604	610	6	3	33	24	M30	15	9	49.7
600	795	730	690	613	609.6	32	52	556	662	6	3	33	24	M30	16	10	52.6
650	845	780	740	664	660.4	34	56	706	712	6	3	33	24	M30	16	10	60.5
700	905	840	800	715	711.2	34	58	762	770	6	3	33	24	M30	17	10	70.8
750	970	900	855	766	762	35	62	816	824	6	3	33	26	M30	18	11	65.8
800	1020	950	905	817	812.8	36	64	888	876	6	3	33	28	M30	19	12	91.2
(850)	1070	1000	955	668	863.6	36	65	920	928	6	3	33	28	M30	19	12	98.6
900	1120	1050	1005	919	914.4	38	70	971	979	6	3	33	28	M30	22	14	109
1000	1235	1160	1110	1021	1016	40	74	1073	1081	6	3	39	28	M36	22	14	133
*(1100)	1345	1270	1220	1123	1117.6	42	-	-	-	-	3	39	28	M36	-	-	-
*(1200)	1465	1380	1325	1225	1219.2	44	-	-	-	-	3	39	32	M36	-	-	-
*(1350)	1630	1540	1480	-	1371.6	48	-	-	-	-	3	45	36	M42	-	-	-
(1500)	1795	1700	1635	-	1524.0	50	-	-	-	-	3	45	40	M42	-	-	-

All information in this brochures was correct to the best of our knowledge when originally printed. ARITA reserves the right to make change without notice to product specifications and manufacture processes given the company's policy of continual product improvement.

JIS B2220 - Flanges 5K & 10K

Available in Carbon Steel and 316L Stainless Steel



Size	JIS 5K								JIS 10K							
	d	D	C	No.	h	t	Weight (kg)		d	D	C	No.	h	t	Weight (kg)	
							SO	BL							SO	BL
010	17.8	75	55	4	12	9	0.27	0.30	17.8	90	65	4	15	12	0.52	0.54
015	22.2	80	60	4	12	9	0.30	0.40	22.2	95	70	4	15	12	0.57	0.61
020	27.7	85	65	4	12	10	0.37	0.50	27.7	100	75	4	15	14	0.73	0.79
025	34.5	95	75	4	12	10	0.45	0.60	34.5	125	90	4	19	14	1.13	1.24
032	43.2	115	90	4	15	12	0.78	0.90	43.2	135	100	4	19	16	1.48	1.66
040	49.1	120	95	4	15	12	0.83	1.00	49.1	140	105	4	19	16	1.56	1.81
050	61.1	130	105	4	15	14	1.07	1.40	61.1	155	120	4	19	16	1.88	2.23
065	77.1	155	130	4	15	14	1.49	2.00	77.1	175	140	4	19	18	2.60	3.24
080	90.0	180	145	4	19	14	1.99	2.70	90.0	185	150	8	19	18	2.61	3.50
090	102.6	190	155	4	19	14	2.09	3.00	102.6	195	160	8	19	18	2.76	4.00
100	115.4	200	165	8	19	16	2.39	3.70	115.4	210	175	8	19	18	3.14	4.60
125	141.2	235	200	8	19	16	3.23	5.20	141.2	250	210	8	23	20	4.77	7.30
150	166.6	265	230	8	19	18	4.41	7.50	166.6	280	240	8	23	22	6.34	10.10
175	192.1	300	260	8	23	18	5.51	9.50	192.1	302	265	12	23	22	6.82	11.80
200	218.0	320	280	8	23	20	6.33	12.20	218.0	330	290	12	23	22	7.53	14.00
250	269.5	385	345	12	23	22	9.45	19.30	269.5	400	355	12	25	24	11.80	22.70
300	321.0	430	390	12	23	22	10.30	24.30	321.0	445	400	16	25	24	13.50	29.50
350	358.1	480	435	12	25	24	14.00	33.20	358.1	490	445	16	25	26	16.40	37.10
400	409.0	540	495	16	25	24	16.90	41.90	409.0	560	510	16	27	28	23.00	52.50
450	460.0	605	555	16	25	24	21.60	53.00	460.0	620	565	20	27	30	29.50	68.80
500	511.0	655	605	20	25	24	23.10	61.90	511.0	675	620	20	27	30	33.50	82.10
550	562.0	720	665	20	27	26	30.30	81.20	562.0	745	680	20	33	32	43.10	105.80
600	613.0	770	715	20	27	26	32.70	93.20	613.0	795	730	24	33	32	45.70	120.20
650	664.0	825	770	24	27	26	35.90	106.90	664.0	845	780	24	33	34	52.10	145.00
700	715.0	875	820	24	27	26	38.20	120.60	715.0	905	840	24	33	34	59.50	167.20
750	766.0	945	880	24	33	28	48.70	150.50	766.0	970	900	24	33	36	73.20	204.20
800	817.0	995	930	24	33	28	51.60	167.40	817.0	1020	950	28	33	36	76.40	225.20
900	919.0	1095	1030	24	33	30	61.10	218.10	919.0	1120	1050	28	33	38	89.40	288.40
1000	1021.0	1195	1130	28	33	32	70.50	277.30	1021.0	1235	1160	28	39	40	109.20	367.70