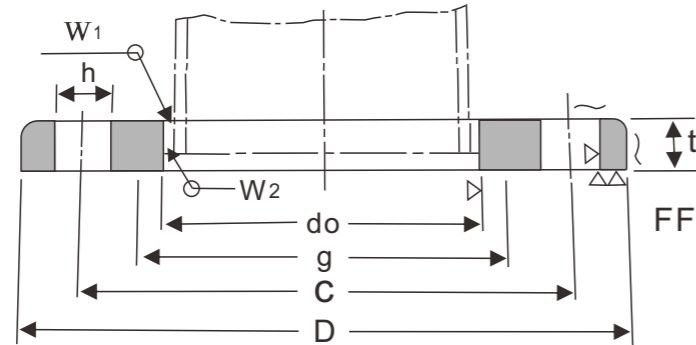


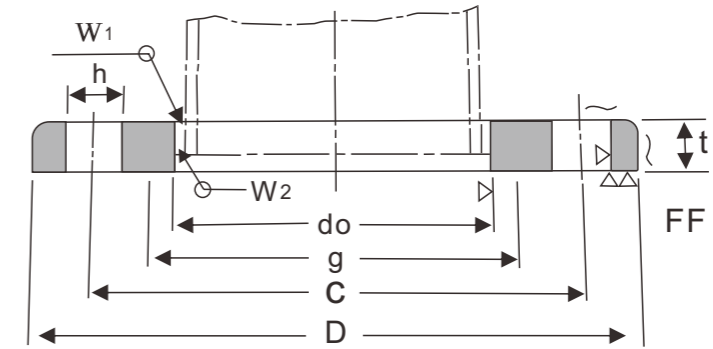
1K KS V 7805 JIS F 7805 SLIP-ON FLANGE FLANGE FOR EXH.GAS PIPE(F-TYPE)



Unit:mm

N/D	PIPE		FLANGE		BOLT HOLE			BOLT (M)	W/T (KG)
	O/D(d)	D	I/D(do)	T	C	N	H		
25	34.0	95	34.5	10	75	4	12	M10	0.45
(32)	42.7	115	43.2	12	90	4	15	M12	0.73
40	48.6	120	49.1	12	95	4	15	M12	0.83
50	60.5	130	61.1	14	105	4	15	M12	1.06
65	76.3	155	77.1	14	130	4	15	M12	1.48
80	89.1	180	90.0	14	145	4	19	M16	1.97
100	114.3	200	115.4	16	165	8	19	M16	2.35
125	139.8	235	141.2	16	200	8	19	M16	3.20
150	165.2	265	166.6	16	230	8	19	M16	3.90
200	216.3	320	218.0	16	280	8	23	M20	5.00
250	267.4	385	269.5	16	345	12	23	M20	6.83
300	318.5	430	321.0	16	390	12	23	M20	7.45
350	355.6	480	358.1	16	435	12	25	M22	9.45
400	406.4	540	409.0	16	495	16	25	M22	11.43
450	457.2	605	460.0	16	555	16	25	M22	14.40
500	508.0	655	511.0	16	605	20	25	M22	15.73
(550)	555.8	660	562.0	16	620	16	23	M20	12.00
600	609.6	710	613.0	16	670	16	23	M20	12.12
(650)	660.4	760	664.0	16	720	16	23	M20	12.15
700	711.2	815	715.0	16	775	16	23	M20	14.26
750	762.0	865	766.0	16	825	20	23	M20	14.88
800	812.8	915	817.0	16	875	20	23	M20	15.70
(850)	863.6	965	868.0	16	925	20	23	M20	16.50
900	914.4	1025	919.0	18	980	20	25	M22	21.48
(950)	962.0	1075	967.0	18	1030	20	25	M22	21.97
1000	1016.0	1125	1021.0	18	1080	20	25	M22	23.38
1050	1062.0	1175	1067.0	18	1130	24	25	M22	25.21
1100	1117.6	1225	1122.0	18	1180	24	25	M22	25.16
1150	1162.0	1275	1167.0	18	1230	24	25	M22	26.64
1200	1219.0	1325	1224.0	18	1280	24	25	M22	27.60
1250	1262.0	1375	1267.0	18	1330	28	25	M22	29.72
1300	1312.0	1425	1317.0	18	1380	28	25	M22	30.92
1350	1371.6	1475	1376.0	18	1430	28	25	M22	32.38
1400	1412.0	1525	1417.0	20	1480	28	25	M22	37.02
1450	1462.0	1595	1467.0	20	1540	28	27	M24	45.81
1500	1524.0	1645	1529.0	20	1590	28	27	M24	46.88
1600	1612.0	1745	1617.0	20	1690	28	27	M24	50.54
1700	1712.0	1845	1717.0	20	1790	28	27	M24	53.70
1800	1812.0	1950	1817.0	20	1895	32	27	M24	58.90
1900	1912.0	2050	1917.0	20	1995	32	27	M24	62.18
2000	2012.0	2150	2017.0	20	2095	36	27	M24	65.10
2100	2116.0	2250	2121.0	24	2195	36	27	M24	79.55
2200	2216.0	2350	2221.0	24	2295	40	27	M24	82.94
2300	2316.0	2450	2321.0	24	2395	40	27	M24	86.75
2400	2416.0	2550	2421.0	24	2495	40	27	M24	89.71
2500	2516.0	2650	2521.0	24	2595	48	27	M24	93.52
2600	2616.0	2750	2621.0	24	2695	48	27	M24	97.34

2K KSB 1511-1987 JIS B 2220-1977 SLIP-ON FLANGE

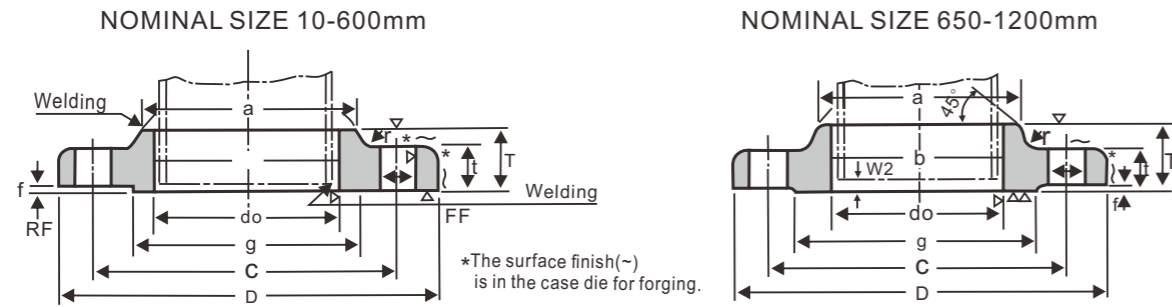


Unit:mm

Nominal Bore of Flange	Outside Diam, of Applicable Pipe	Inside Diam, of Flange do	Sectional Dimensions		Bolt Hole			Nominal Bolt Size
			t	D	C	h	N	
450A	457.2	460	22	605	555	23	16	M20
500A	508.0	511	22	655	605	23	20	M20
550A	558.8	562	24	720	665	25	20	M22
600A	609.6	613	24	770	715	25	20	M22
650A	660.4	664	24	825	770	25	24	M22
700A	711.2	715	24	875	820	25	24	M22
750A	762.0	766	24	945	880	27	24	M24
800A	812.8	817	24	995	930	27	24	M24
(850A)	863.6	868	24	1045	980	27	24	M24
900A	914.4	919	24	1094	1030	27	24	M24
1000A	1016.0	1021	26	1195	1130	27	28	M24
(1100A)	1117.6	1123	26	1305	1240	27	28	M24
1200A	1219.2	1224	26	1420	1350	27	32	M24
1350A	1371.6	1377	26	1575	1505	27	32	M24
1500A	1524.0	1529	28	1730	1660	27	36	M24

16K KS B1511(KS B 1503) JIS B 2220-2004

SLIP - ON WELDING STEELPIPE FLANGE



Unit:mm

Nominal Bore of Flange	Outside Dia. of Applicable Pipe	Inside Dia. of Flange do	Outside Dia. of Flange D	Sectional Dimensions of Flange							Bolt Hole			Nominal Bolt Size	Weight(kg)		
				t	T	Dia. of Hub		Rdd- ius r	Raised Face f	Dia. of Raised Face g	Dia. of Bolt Circle c	Number of Bolt Holes	Hole Dia. h		SOP	BL	SOH
						a	b										
10	17.3	17.8	90	12	16	26	28	4	1	46	65	4	15	M12	0.52	0.54	0.52
15	21.7	22.2	95	12	16	30	32	4	1	51	70	4	15	M12	0.57	0.61	0.58
20	27.2	27.7	100	14	20	38	42	4	1	56	75	4	15	M12	0.73	0.79	0.75
25	34.0	34.5	125	14	20	46	50	4	1	67	90	4	19	M16	1.13	1.24	1.16
32	42.7	43.2	135	16	22	56	60	5	2	76	100	4	19	M16	1.48	1.66	1.53
40	48.6	49.1	140	16	24	62	66	5	2	81	105	4	19	M16	1.56	1.81	1.64
50	60.5	61.1	155	16	24	76	80	5	2	96	120	8	19	M16	1.8	2.3	1.83
65	76.3	77.1	175	18	26	94	98	5	2	116	140	8	19	M16	2.5	3.1	2.58
80	89.1	90.0	200	20	28	108	112	6	2	132	160	8	23	M20	3.5	4.5	3.66
(90)	101.6	102.6	210	20	30	120	124	6	2	145	170	8	23	M20	3.7	5.0	3.95
100	114.3	115.4	225	22	34	134	138	6	2	160	185	8	23	M20	4.5	6.3	4.94
125	139.8	141.2	270	22	34	164	170	6	2	195	225	8	25	M22	6.5	9.2	7.0
150	165.2	166.6	305	24	38	196	202	6	2	230	260	12	25	M22	8.7	12.8	9.62
200	216.3	218.0	350	26	40	244	252	6	2	275	305	12	25	M22	10.9	18.6	12.1
250	267.4	269.5	430	28	44	304	312	6	2	345	380	12	27	M24	18.0	30.6	20.0
300	318.5	321.0	480	30	48	354	364	8	3	395	430	16	27	M24	21.5	40.7	24.4
350	355.6	358.1	540	34	52	398	408	8	3	440	480	16	33	M30×3	30.8	57.8	35.0
400	406.4	409.0	605	38	60	446	456	10	3	495	540	16	33	M30×3	42.8	82.2	46.2
450	457.2	460.0	675	40	64	504	514	10	3	560	605	20	33	M30×3	55.1	107.6	61.9
500	508.0	511.0	730	42	68	558	568	10	3	615	660	20	33	M30×3	65.1	133.1	73.25
(550)	558.8	562.0	795	44	70	612	622	10	3	670	720	20	39	M36×3	77.9	164.1	88.1
600	609.6	613.0	845	46	74	666	676	10	3	720	770	24	39	M36×3	86.0	193.2	98.8
650	660.4	664.0	895	48	77	704	726	10	5	770	820	24	39	M36×3	96.3	227.5	101.0
700	711.2	715.0	960	50	80	754	776	10	5	820	875	24	42	M39×3	114.1	272.6	120.0
(750)	762.0	766.0	1020	52	83	806	832	10	5	880	935	24	42	M39×3	132.7	321.9	141.1
800	812.8	817.0	1085	54	86	865	885	10	5	930	990	24	48	M45×3	152.1	375.6	161.0
(850)	863.6	868.0	1135	56	89	916	936	10	5	980	1040	24	48	M45×3	166.5	428.1	177.0
900	914.4	919.0	1185	58	93	968	986	10	5	1030	1090	28	48	M45×3	178.1	481.8	191.0
1000	1016.0	1021.0	1320	62	99	1070	1098	12	5	1140	1210	28	56	M52×3	235.3	636.0	230.0
1100	1117.6	1123.0	1420	66	105	1180	1200	12	5	1240	1310	32	56	M52×3	267.9	784.0	289.0
1200	1219.2	1225.0	1530	70	122	1282	1302	12	5	1350	1420	32	56	M52×3	321.1	972.4	348.0
1300	1320.8	1326.0	1645	74	-	-	-	5	5	1450	1530	32	62	-	378.6	1185.2	-
1350	1371.6	1377.0	1700	76	-	-	-	5	5	1510	1590	32	62	-	410.0	1303.8	-
1400	1422.4	1428.0	1755	78	-	-	-	5	5	1560	1640	36	62	-	436.0	1422.5	-
1500	1524.0	1529.0	1865	80	-	-	-	5	5	1670	1750	36	62	-	496.4	1656.6	-

Notes:

- Flanges of parenthesized nominal diameter had letter not be used.
- The facing of flanges shall conform to KS B1519(JIS B2202)1987.
- In principle material shall be sS41 specified in . JIS G3101 SF40(or SF45) specified in JIS G3201 or S20C(or S25C) specified in JIS G4051, and shall be fit for welding.