AN PHÚ THÀNH
CHẤT LƯỢNG TẠO NÊN GIÁ TRỊ

CÔNG TY TNHH TM DV AN PHÚ THÀNH



三施(河北）实业有限公司
Sanshi (Hebei) Industry Co. , Ltd.

Website: www.anphuthanh.vn Email: anphuthanh.ceo@gmail.com Tel: 0946 729 913

SANSHI

一个共同的企业目标就像一面大旗，赋予员工神圣感和使命感，鼓励员工为崇高的信念而奋斗！我们的企业目标是实现产品零缺陷！困难面前不低头，问题面前迎头上，让我们用手中的优质产品迎接康宇美好、光辉的明天！





授权书 CERTIFICATE OF AUTHORIZATION

兹授权：

Hereby authorize:

AN PHU THANH DV TM COMPANY LIMITED，为我司：SANSHI (HEBEI) INDUSTRY CO., LTD. 的越南市场代理商，该代理商负责本公司阀门和管件系列产品的销售.

兹证明，AN PHU THANH DV TM COMPANY LIMITED 自 2024 年 2 月起为本公司在越南的代理. This is to certify that AN PHU THANH DV TM COMPANY LIMITED is our Agent in Vietnam from February 2024.

本公司完整地址如下 The complete address of the Company is as follows:

No. 50/15 Tien Lan 12 Street, Tien Lan Hamlet, Ba Diem Commune, Ho Chi Minh City, Vietnam

授权期限：2024 年 2 月 1 日

Mandate: 1 February 2024

TEST EQUIPMENT 检测设备

三施拥有先进的生产设备及检测仪器，精良的工艺以及严格完善的质量管理体系，充分利用新技术、新工艺、新材料保证产品的稳定性、可靠性和先进性。





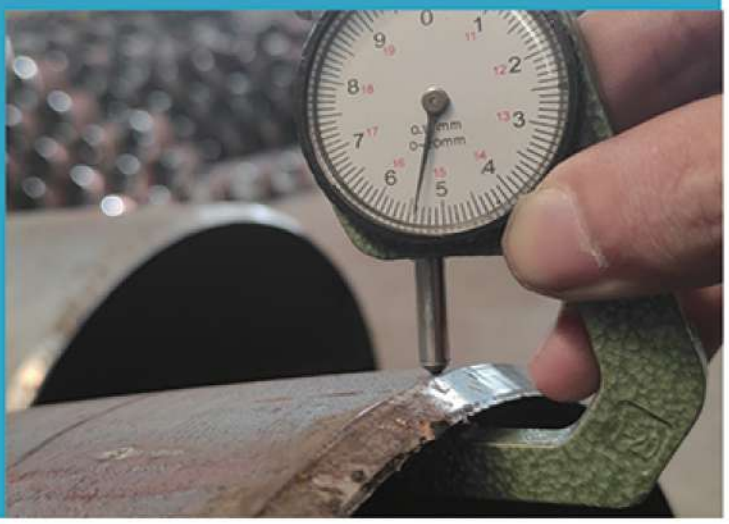


SANSHI






R199679







SANSHI FLANGE

ANSI B16.5 B16.47





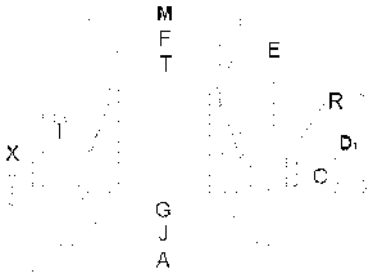


AMERICAN STANDARD FLANGE

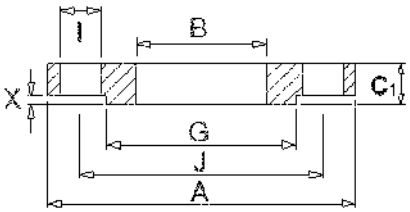


BS4504 PN2.5 Flanges

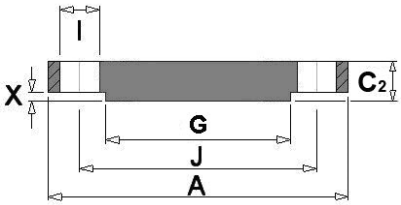
CODE 111



CODE 101



CODE 105



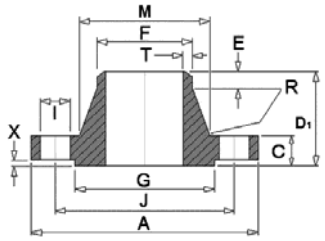
Dimensions in mm

Nom. Size	Flange					Raised Face		Drilling			Bolting	Neck					Bore Diameter
DN	A	C	C1	C2	D1	G	X	No.	I	J		M	F	E	R	T	B
10	75	12	12	12	28	35	2	4	11	50	M10	26	17.2	6	3	1.8	18.0
15	80	12	12	12	30	40	2	4	11	55	M10	30	21.3	6	3	2.0	22.0
20	90	14	14	14	32	50	2	4	11	65	M10	38	26.9	6	4	2.3	27.5
25	100	14	14	14	35	60	2	4	11	75	M10	42	33.7	6	4	2.6	34.5
32	120	14	16	14	35	70	2	4	14	90	M12	55	42.4	6	5	2.6	43.5
40	130	14	16	14	38	80	3	4	14	100	M12	62	48.3	7	5	2.6	49.5
50	140	14	16	14	38	90	3	4	14	110	M12	74	60.3	8	5	2.9	61.5
65	160	14	16	14	38	110	3	4	14	130	M12	88	76.1	9	6	2.9	77.5
80	190	16	18	16	42	128	3	4	18	150	M16	102	88.9	10	6	3.2	90.5
100	210	16	18	16	45	148	3	4	18	170	M16	130	114.3	10	6	3.6	116.0
125	240	18	20	18	48	178	3	8	18	200	M16	155	139.7	10	6	4.0	141.5
150	265	18	20	18	48	202	3	8	18	225	M16	184	168.3	12	8	4.5	170.5
200	320	20	22	20	55	258	3	8	18	280	M16	236	219.1	15	8	5.6	221.5
250	375	22	24	22	60	312	3	12	18	335	M16	290	273.0	15	10	6.3	276.5
300	440	22	24	22	62	365	4	12	22	395	M20	342	323.9	15	10	7.1	327.6
350	490	22	26	22	62	415	4	12	22	445	M20	385	355.6	15	10	7.1	359.0
400	540	22	28	22	65	465	4	16	22	495	M20	438	406.4	15	10	7.1	411.0
450	595	24	30	24	65	520	4	16	22	550	M20	492	457.0	15	12	7.1	462.0
500	645	24	30	24	68	570	4	20	22	600	M20	538	508.0	15	12	7.1	513.5
600	755	24	32	34	70	670	5	20	26	705	M24	640	610.0	16	12	7.1	616.5
700	860	24	36	-	70	-	5	24	26	810	M24	740	711.0	16	12	-	-
800	975	26	38	-	70	-	5	24	30	920	M27	842	813.0	16	12	-	-
900	1075	26	40	-	70	-	5	24	30	1020	M27	942	914.0	16	12	-	-
1000	1175	26	42	-	70	-	5	28	30	1120	M27	1045	1016.0	16	12	-	-
1200	1375	26	44	-	70	-	5	32	30	1320	M27	1245	1220.0	16	16	-	-
1400	1575	26	48	-	70	-	5	36	30	1520	M27	1445	1420.0	16	16	-	-
1600	1790	26	51	-	80	-	5	40	30	1730	M27	1645	1620.0	20	16	-	-
1800	1990	26	54	-	80	-	5	44	30	1930	M27	1845	1820.0	20	16	-	-
2000	2190	26	58	-	80	-	5	48	30	2130	M27	2045	2020.0	22	16	-	-

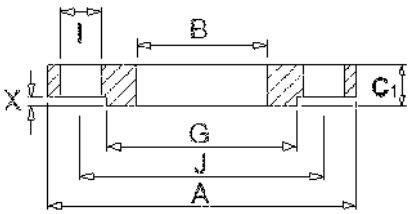
* Care should be taken with these sizes as the pipe o.d. does not relate to normal stainless steel dimensions.
1. Weldnecks (code 111) are bored to suit schedule of pipework used.
2. Code 105 flanges are supplied flat faced unless otherwise requested by the purchaser.

BS4504 PN6 Flanges

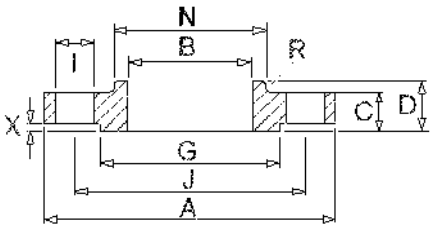
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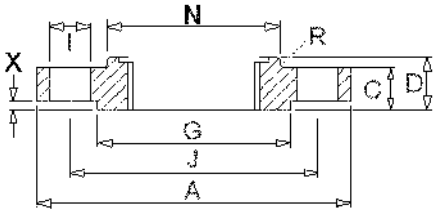
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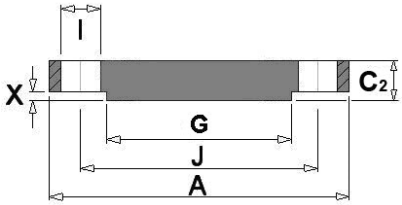
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CODE 113



CODE 105



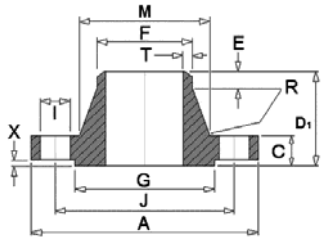
Dimensions in mm

Nom. Size	Flange						Raised Face		Boss	Drilling			Bolting	Neck					Bore Diameter
DN	A	C	C1	C2	D	D1	G	X	N	No.	I	J		M	F	E	R	T	B
10	75	12	12	12	20	28	35	2	25	4	11	50	M10	26	17.2	6	3	1.8	18.0
15	80	12	12	12	20	30	40	2	30	4	11	55	M10	30	21.3	6	3	2.0	22.0
20	90	14	14	14	24	32	50	2	40	4	11	65	M10	38	26.9	6	4	2.3	27.5
25	100	14	14	14	24	35	60	2	50	4	11	75	M10	42	33.7	6	4	2.6	34.5
32	120	14	16	14	26	35	70	2	60	4	14	90	M12	55	42.4	6	5	2.6	43.5
40	130	14	16	14	26	38	80	3	70	4	14	100	M12	62	48.3	7	5	2.6	49.5
50	140	14	16	14	28	38	90	3	80	4	14	110	M12	74	60.3	8	5	2.9	61.5
65	160	14	16	14	32	38	110	3	100	4	14	130	M12	88	76.1	9	6	2.9	77.5
80	190	16	18	16	34	42	128	3	110	4	18	150	M16	102	88.9	10	6	3.2	90.5
100	210	16	18	16	40	45	148	3	130	4	18	170	M16	130	114.3	10	6	3.6	116.0
125	240	18	20	18	44	48	178	3	160	8	18	200	M16	155	139.7	10	6	4.0	141.5
150	265	18	20	18	44	48	202	3	185	8	18	225	M16	184	168.3	12	8	4.5	170.5
200	320	20	22	20	44	55	258	3	240	8	18	280	M16	236	219.1	15	8	5.6	221.5
250	375	22	24	22	44	60	312	3	295	12	18	335	M16	290	273.0	15	10	6.3	276.5
300	440	22	24	22	44	62	365	4	355	12	22	395	M20	342	323.9	15	10	7.1	327.5
350	490	22	26	22	-	62	415	4	-	12	22	445	M20	385	355.6	15	10	7.1	359.5
400	540	22	28	22	-	65	465	4	-	16	22	495	M20	438	406.4	15	10	7.1	411.0
450	595	24	30	24	-	65	520	4	-	16	22	550	M20	492	457.0	15	12	7.1	462.0
500	645	24	30	24	-	68	570	4	-	20	22	600	M20	538	508.0	15	12	7.1	513.5
600	755	24	32	34	-	70	670	5	-	20	26	705	M24	640	610.0	16	12	7.1	616.5
700	860	24	40	38	-	70	775	5	-	24	26	810	M24	740	711.0	16	12	7.1	-
800	975	24	44	42	-	70	880	5	-	24	30	920	M27	842	813.0	16	12	7.1	-
900	1075	26	48	46	-	70	980	5	-	24	30	1020	M27	942	914.0	16	12	7.1	-
1000	1175	26	52	52	-	70	1080	5	-	28	30	1120	M27	1045	1016.0	16	12	7.1	-
1200	1405	28	60	60	-	90	1295	5	-	32	33	1340	M30	1248	1220.0	20	12	8.0	-
1400	1630	32	68	68	-	90	1510	5	-	36	36	1560	M33	1452	1420.0	20	12	8.0	-
1600	1830	34	76	76	-	90	1710	5	-	40	36	1760	M33	1655	1620.0	20	12	9.0	-
1800	2045	36	84	84	-	100	1920	5	-	44	39	1970	M36	1855	1820.0	20	15	10.0	-
2000	2265	38	92	92	-	110	2125	5	-	48	42	2180	M39	2058	2020.0	25	15	11.0	-

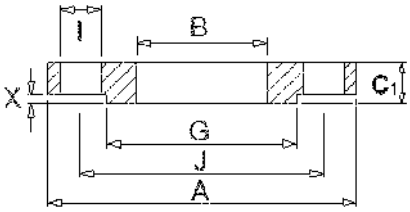
* Care should be taken with these sizes as the pipe o.d. does not relate to normal stainless steel dimensions.
1. Weldnecks (code 111) are bored to suit schedule of pipework used.
2. Code 105 flanges are supplied flat faced unless otherwise requested by the purchaser.

BS4504 PN10 Flanges

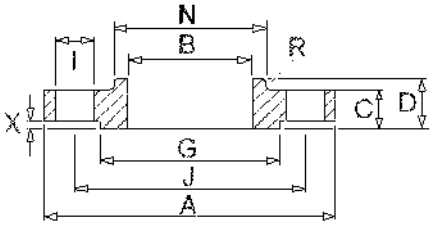
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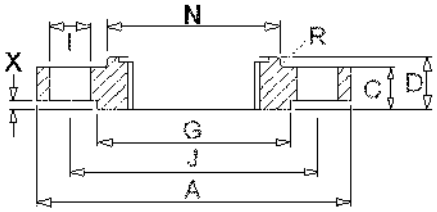
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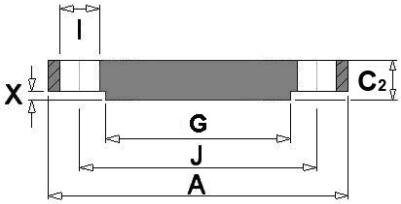
CODE 112



CODE 113



CODE 105



Dimensions in mm

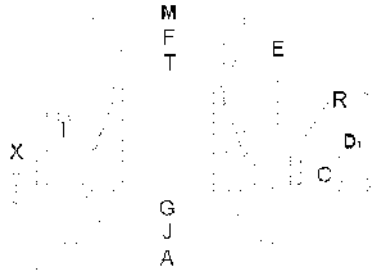
DN	A	C	C1	C2	D	D1	G	X	N	No.	I	J	Bolting	M	F	E	R	T	B
10	90	14	14	14	20	35	40	2	30	4	14	60	M12	28	17.2	6	3	1.8	18.0
15	95	14	14	14	20	35	45	2	35	4	14	65	M12	32	21.3	6	3	2.0	22.0
20	105	16	16	16	24	38	58	2	45	4	14	75	M12	39	26.9	6	4	2.3	27.5
25	115	16	16	16	24	38	68	2	52	4	14	85	M12	46	33.7	6	4	2.6	34.5
32	140	16	18	16	26	40	78	2	60	4	18	100	M16	56	42.4	6	5	2.6	43.5
40	150	16	18	16	26	42	88	3	70	4	18	110	M16	64	48.3	7	5	2.6	49.5
50	165	18	20	18	28	45	102	3	84	4	18	125	M16	74	60.3	8	5	2.9	61.5
65	185	18	20	18	32	45	122	3	104	4 / 8	18	145	M16	92	76.1	10	6	2.9	77.5
80	200	20	20	20	34	50	138	3	118	8	18	160	M16	110	88.9	10	6	3.2	90.5
100	220	20	22	20	40	52	162	3	140	8	18	180	M16	130	114.3	12	6	3.6	116.0
125 *	250	22	22	22	44	55	188	3	168	8	18	210	M16	158	139.7	12	6	4.0	141.5
150	285	22	24	22	44	55	212	3	195	8	22	240	M20	184	168.3	12	8	4.5	170.5
200	340	24	24	24	44	62	268	3	246	8	22	295	M20	234	219.1	16	8	5.6	221.5
250	395	26	26	26	46	68	320	3	298	12	22	350	M20	288	273.0	16	10	6.3	276.5
300	445	26	28	26	46	68	370	4	350	12	22	400	M20	342	323.9	16	10	7.1	327.6
350	505	26	28	26	53	68	430	4	400	16	22	460	M20	390	355.6	16	10	7.1	359.0
400	565	26	32	26	57	72	482	4	456	16	26	515	M24	440	406.4	16	10	7.1	411.0
450	615	28	36	28	63	72	532	4	502	20	26	565	M24	488	457.0	16	12	7.1	462.0
500	670	28	38	28	67	75	585	4	559	20	26	620	M24	540	508.0	16	12	7.1	513.5
600	780	28	42	34	75	80	685	5	658	20	30	725	M27	640	610.0	18	12	7.1	616.5
700	895	30	-	38	-	80	800	5	-	24	30	840	M27	746	711.0	18	12	8.0	-
800	1015	32	-	42	-	90	905	5	-	24	33	950	M30	848	813.0	18	12	8.0	-
900	1115	34	-	46	-	95	1005	5	-	28	33	1050	M30	948	914.0	20	12	10.0	-
1000	1230	34	-	52	-	95	1110	5	-	28	36	1160	M33	1050	1016.0	20	12	10.0	-
1200	1455	38	-	60	-	115	1330	5	-	32	39	1380	M36	1256	1220.0	25	12	11.0	-
1400	1675	42	-	-	-	120	1535	5	-	36	42	1590	M39	1460	1420.0	25	12	12.0	-
1600	1915	46	-	-	-	130	1760	5	-	40	48	1820	M45	1666	1620.0	25	12	14.0	-
1800	2115	50	-	-	-	140	1960	5	-	44	48	2020	M45	1866	1820.0	30	15	15.0	-
2000	2325	54	-	-	-	150	2170	5	-	48	48	2230	M45	2070	2020.0	30	15	16.0	-
2200	2550	58	-	-	-	160	2370	6	-	52	56	2440	M52	2275	2220.0	35	15	-	-
2400	2760	62	-	-	-	170	2570	6	-	56	56	2650	M52	2478	2420.0	35	15	-	-
2600	2960	65	-	-	-	180	2780	6	-	60	56	2850	M52	2680	2620.0	40	18	-	-
2800	3180	70	-	-	-	190	3000	6	-	64	56	3070	M52	2882	2820.0	40	18	-	-
3000	3405	75	-	-	-	200	3210	6	-	68	62	3290	M56	3085	3020.0	40	18	-	-

* Care should be taken with these sizes as the pipe o.d. does not relate to normal stainless steel dimensions.

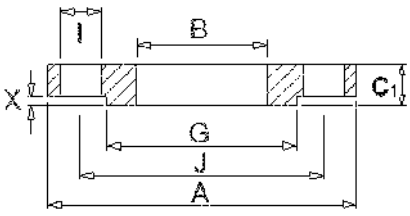
1. Weldnecks (code 111) are bored to suit schedule of pipework used.
2. Code 105 flanges are supplied flat faced unless otherwise requested by the purchaser.
3. For information sizes DN10 to DN150 use PN16 dimensions.

BS4504 PN16 Flanges

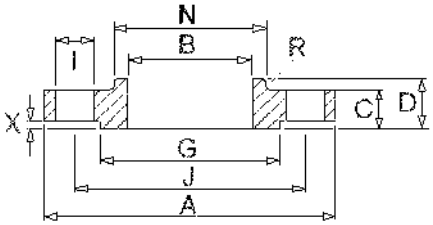
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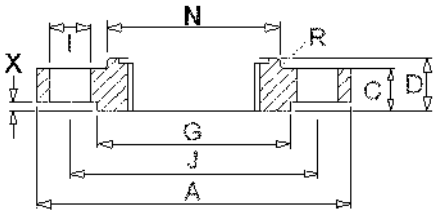
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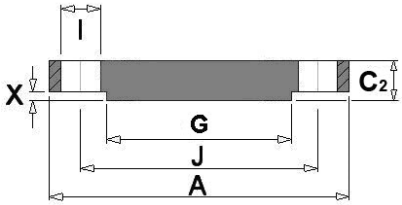
CODE 112



CODE 113



CODE 105



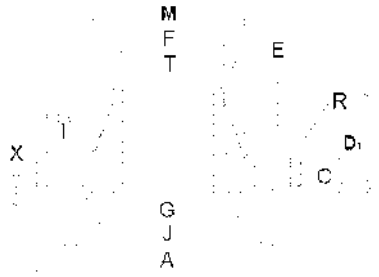
Dimensions in mm

Nom. Size	Flange						Raised Face		Boss	Drilling			Bolting	Neck					Bore Diameter
DN	A	C	C1	C2	D	D1	G	X	N	No.	I	J		M	F	E	R	T	B
10	90	14	14	14	20	35	40	2	30	4	14	60	M12	28	17.2	6	3	1.8	18.0
15	95	14	14	14	20	35	45	2	35	4	14	65	M12	32	21.3	6	3	2.0	22.0
20	105	16	16	16	24	38	58	2	45	4	14	75	M12	39	26.9	6	4	2.3	27.5
25	115	16	16	16	24	38	68	2	52	4	14	85	M12	46	33.7	6	4	2.6	34.5
32	140	16	18	16	26	40	78	2	60	4	18	100	M16	56	42.4	6	5	2.6	43.5
40	150	16	18	16	26	42	88	3	70	4	18	110	M16	64	48.3	7	5	2.6	49.5
50	165	18	20	18	28	45	102	3	84	4	18	125	M16	74	60.3	8	5	2.9	61.5
65	185	18	20	18	32	45	122	3	104	4 / 8	18	145	M16	92	76.1	10	6	2.9	77.5
80	200	20	20	20	34	50	138	3	118	8	18	160	M16	110	88.9	10	6	3.2	90.5
100	220	20	22	20	40	52	162	3	140	8	18	180	M16	130	114.3	12	6	3.6	116.0
125 *	250	22	22	22	44	55	188	3	168	8	18	210	M16	158	139.7	12	6	4.0	141.5
150	285	22	24	22	44	55	212	3	195	8	22	240	M20	184	168.3	12	8	4.5	170.5
200	340	24	26	24	44	62	268	3	246	12	22	295	M20	234	219.1	16	8	5.6	221.5
250	405	26	29	26	46	70	320	3	298	12	26	355	M24	288	273.0	16	10	6.3	276.5
300	460	28	32	28	46	78	378	4	350	12	26	410	M24	342	323.9	16	10	7.1	327.6
350	520	30	35	30	57	82	438	4	400	16	26	470	M24	390	355.6	16	10	8.0	359.0
400	580	32	38	32	63	85	490	4	456	16	30	525	M27	444	406.4	16	10	8.0	411.0
450	640	34	42	36	63	87	550	4	502	20	30	585	M27	490	457.0	16	12	8.0	462.0
500	715	34	46	36	73	90	610	4	559	20	33	650	M30	546	508.0	16	12	8.0	513.5
600	840	36	52	44	83	95	725	5	658	20	36	770	M33	650	610.0	18	12	8.8	616.5
700	910	36	60	48	83	100	795	5	760	24	36	840	M33	750	711.0	18	12	8.6	-
800	1025	38	68	52	90	105	900	5	864	24	39	950	M36	848	813.0	20	12	10.0	-
900	1125	40	76	58	94	110	1000	5	968	28	39	1050	M36	948	914.0	20	12	10.0	-
1000	1255	42	84	64	100	120	1115	5	1072	28	42	1170	M39	1056	1016.0	22	12	10.0	-
1200	1485	48	98	76	-	130	1330	5	-	32	48	1390	M45	1260	1220.0	30	12	12.5	-
1400	1685	52	-	-	-	145	1530	5	-	36	48	1590	M45	1465	1420.0	30	12	14.2	-
1600	1930	58	-	-	-	160	1750	5	-	40	56	1820	M52	1668	1620.0	35	12	16.0	-
1800	2130	62	-	-	-	170	1950	5	-	44	56	2020	M52	1870	1820.0	35	15	17.5	-
2000	2435	66	-	-	-	190	2150	5	-	48	62	2230	M56	2072	2020.0	40	15	20.0	-

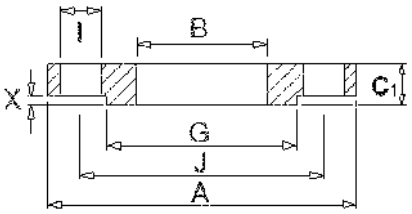
* Care should be taken with these sizes as the pipe o.d. does not relate to normal stainless steel dimensions.
1. Weldnecks (code 111) are bored to suit schedule of pipework used.
2. Code 105 flanges are supplied flat faced unless otherwise requested by the purchaser.

BS4504 PN25 Flanges

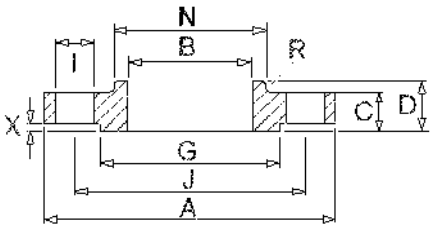
CODE 111



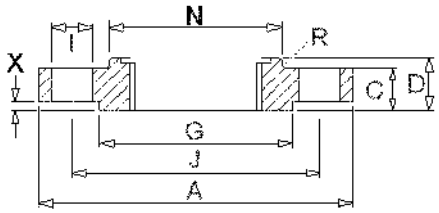
CODE 101



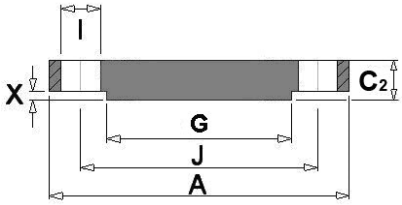
CODE 112



CODE 113



CODE 105



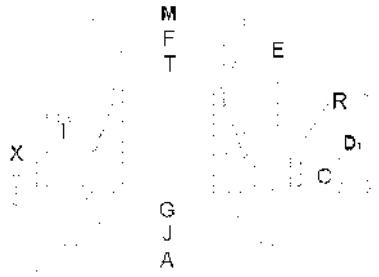
Dimensions in mm

Nom. Size	Flange						Raised Face		Boss	Drilling			Bolting	Neck					Bore Diameter
DN	A	C	C1	C2	D	D1	G	X	N	No.	I	J		M	F	E	R	T	B
10	90	16	14	16	22	35	40	2	30	4	14	60	M12	28	17.2	6	3	1.8	18.0
15	95	16	14	16	22	38	45	2	35	4	14	65	M12	32	21.3	6	3	2.0	22.0
20	105	18	16	18	26	40	58	2	45	4	14	75	M12	40	26.9	6	4	2.3	27.5
25	115	18	16	18	28	40	68	2	52	4	14	85	M12	46	33.7	6	4	2.6	34.5
32	140	18	18	18	30	42	78	2	60	4	18	100	M16	56	42.4	6	5	2.6	43.5
40	150	18	18	18	32	45	88	3	70	4	18	110	M16	64	48.3	7	5	2.6	49.5
50	165	20	20	20	34	48	102	3	84	4	18	125	M16	74	60.3	8	5	2.9	61.5
65	185	22	22	22	38	52	122	3	104	8	18	145	M16	92	76.1	10	6	2.9	77.5
80	200	24	24	24	40	58	138	3	118	8	18	160	M16	110	88.9	12	6	3.2	90.5
100	235	24	26	24	44	65	162	3	145	8	22	190	M20	134	114.3	12	6	3.6	116.0
125	270	26	28	26	48	68	188	3	170	8	26	220	M24	162	139.7	12	6	4.0	141.5
150	300	28	30	28	52	75	218	3	200	8	26	250	M24	190	168.3	12	8	4.5	170.5
200	360	30	32	30	52	80	278	3	256	12	26	310	M24	244	219.1	16	8	6.3	221.5
250	425	32	35	32	60	88	335	3	310	12	30	370	M27	296	273.0	18	10	7.1	276.5
300	485	34	38	34	67	92	395	4	364	16	30	430	M27	350	323.9	18	10	8.0	327.5
350	555	38	42	38	72	100	450	4	418	16	33	490	M30	398	355.6	20	10	8.0	359.5
400	620	40	46	40	78	110	505	4	472	16	36	550	M33	452	406.4	20	10	8.8	411.0
450	670	42	50	44	84	110	555	4	520	20	36	600	M33	500	457.0	20	12	8.8	462.0
500	730	44	56	45	90	125	615	4	580	20	36	660	M33	558	508.0	20	12	10.0	513.5
600	845	46	68	54	100	125	720	5	684	20	39	770	M36	660	610.0	20	12	11.0	616.5
700	960	46	-	-	-	125	820	5	-	24	42	875	M39	760	711.0	20	12	12.5	-
800	1085	50	-	-	-	135	930	5	-	24	48	990	M45	864	813.0	22	12	14.2	-
900	1185	54	-	-	-	145	1030	5	-	28	48	1090	M45	968	914.0	24	12	16.0	-
1000	1320	58	-	-	-	155	1140	5	-	28	56	1210	M52	1070	1016.0	24	12	17.5	-
1200	1530	-	-	-	-	-	1350	5	-	32	56	1420	M52	-	1220.0	-	12	12.5	-
1400	1755	-	-	-	-	-	1560	5	-	36	62	1640	M56	-	1420.0	-	12	14.2	-
1600	1975	-	-	-	-	-	1780	5	-	40	62	1860	M56	-	1620.0	-	12	16.0	-
1800	2185	-	-	-	-	-	1985	5	-	44	70	2070	M64	-	1820.0	-	15	17.5	-
2000	2425	-	-	-	-	-	2210	5	-	48	70	2300	M64	-	2020.0	-	15	20.0	-

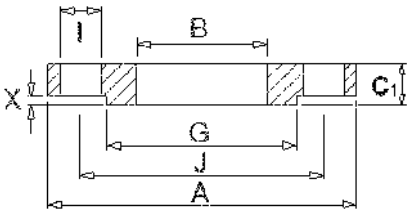
* Care should be taken with these sizes as the pipe o.d. does not relate to normal stainless steel dimensions.
1. Weldnecks (code 111) are bored to suit schedule of pipework used.
2. Code 105 flanges are supplied flat faced unless otherwise requested by the purchaser.
3. For information sizes DN10 to DN150 use PN40 dimensions.

BS4504 PN40 Flanges

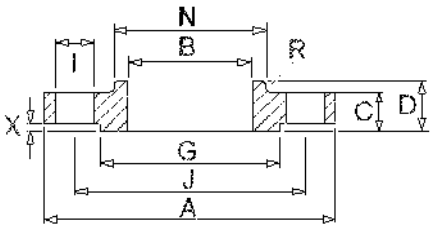
CODE 111



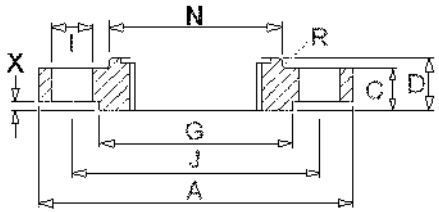
CODE 101



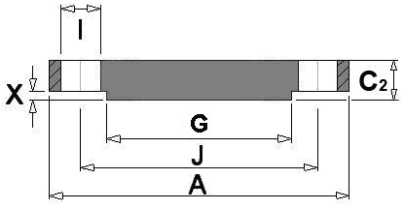
CODE 112



CODE 113



CODE 105



Dimensions in mm

Nom. Size	Flange						Raised Face		Boss	Drilling			Bolting	Neck					Bore Diameter
DN	A	C	C1	C2	D	D1	G	X	N	No.	I	J		M	F	E	R	T	B
10	90	16	14	16	22	35	40	2	30	4	14	60	M12	28	17.2	6	3	1.8	18.0
15	95	16	14	16	22	38	45	2	35	4	14	65	M12	32	21.3	6	3	2.0	22.0
20	105	18	16	18	26	40	58	2	45	4	14	75	M12	40	26.9	6	4	2.3	27.5
25	115	18	16	18	28	40	68	2	52	4	14	85	M12	46	33.7	6	4	2.6	34.5
32	140	18	18	18	30	42	78	2	60	4	18	100	M16	56	42.4	6	5	2.6	43.5
40	150	18	18	18	32	45	88	3	70	4	18	110	M16	64	48.3	7	5	2.6	49.5
50	165	20	20	20	34	48	102	3	84	4	18	125	M16	74	60.3	8	5	2.9	61.5
65	185	22	22	22	38	52	122	3	104	8	18	145	M16	92	76.1	10	6	2.9	77.5
80	200	24	24	24	40	58	138	3	118	8	18	160	M16	110	88.9	12	6	3.2	90.5
100	235	24	26	24	44	65	162	3	145	8	22	190	M20	134	114.3	12	6	3.6	116.0
125	270	26	28	26	48	68	188	3	170	8	26	220	M24	162	139.7	12	6	4.0	141.5
150	300	28	30	28	52	75	218	3	200	8	26	250	M24	190	168.3	12	8	4.5	170.5
200	375	34	36	36	52	88	285	3	260	12	30	320	M27	244	219.1	16	8	6.3	221.5
250	450	38	42	38	60	105	345	3	312	12	33	385	M30	306	273.0	18	10	7.1	276.5
300	515	42	48	42	67	115	410	4	380	16	33	450	M30	362	323.9	18	10	8.0	327.5
350	580	46	54	46	72	125	465	4	424	16	36	510	M33	408	355.6	20	10	8.8	359.5
400	660	50	60	50	78	135	535	4	478	16	39	585	M36	462	406.4	20	10	11.0	411.0
450	685	50	66	54	84	135	560	4	522	20	39	610	M36	500	457.0	20	12	12.5	462.0
500	755	52	72	56	90	140	615	4	576	20	42	670	M39	562	508.0	20	12	14.2	513.5
600	890	60	84	70	100	150	735	5	686	20	48	795	M45	666	610.0	20	12	16.0	616.5

* Care should be taken with these sizes as the pipe o.d. does not relate to normal stainless steel dimensions.
1. Weldnecks (code 111) are bored to suit schedule of pipework used.
2. Code 105 flanges are supplied flat faced unless otherwise requested by the purchaser.





SANSHI FLANGE

JIS







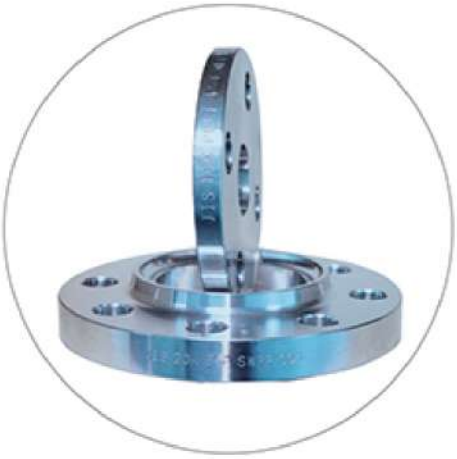




JAPANESE STANDARD FLANGE







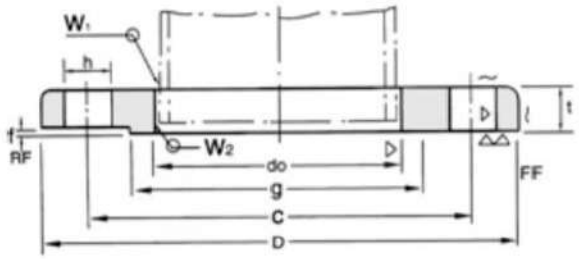


10Kg/Cm²

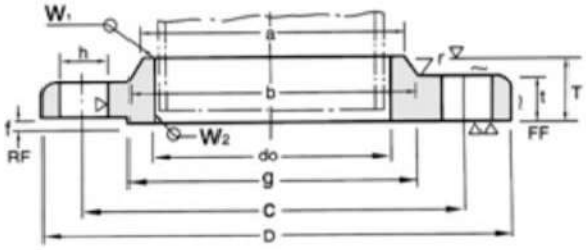
JIS B2220–1984(KSB 1503–1985)

10Kg/Cm² SLIP–ON WELDING STEEL PIPE FLANGES

SOP TYPE
NOMINAL SIZE 10-800mm



SOH TYPE
NOMINAL SIZE 250-1000mm



NORMAL THICKNESS FLANGE

Unit:mm

Nominal Diam of Flange	Outside Diam.of Steel Pipe	Inside Diam.of Flange do	Outside Diam.of Flange D	Sectional Dimensions of Flange							Dia.of Bolt			Nominal Bolt Size	Weight(kg)		
				t	T	Diam.of Hub		Radius r	Raised Face f	Diam.of Raised Face g	Bolt Circle Diam. C	Number of Bolt Holes	Hole Diam h		SOP	BL	SOH
						a	b										
10	17.3	17.8	90	12	–	–	–	–	1	46	65	4	15	M12	0.52	0.54	–
15	21.7	22.2	95	12	–	–	–	–	1	51	70	4	15	M12	0.57	0.61	–
20	27.2	27.7	100	14	–	–	–	–	1	56	75	4	15	M12	0.73	0.79	–
25	34.0	34.5	125	14	–	–	–	–	1	67	90	4	19	M16	1.13	1.24	–
32	42.7	43.2	135	16	–	–	–	–	2	76	100	4	19	M16	1.48	1.66	–
40	48.6	49.1	140	16	–	–	–	–	2	81	105	4	19	M16	1.56	1.81	–
50	60.5	61.1	155	16	–	–	–	–	2	96	120	4	19	M16	1.88	2.23	–
65	76.3	77.1	175	18	–	–	–	–	2	116	140	4	19	M16	2.60	3.3	–
80	89.1	90	185	18	–	–	–	–	2	126	150	8	19	M16	2.61	3.5	–
(90)	101.6	102.6	195	18	–	–	–	–	2	136	160	8	19	M16	2.76	4.0	–
100	114.3	115.4	210	18	–	–	–	–	2	151	175	8	19	M16	3.14	4.6	–
125	139.8	141.2	250	20	–	–	–	–	2	182	210	8	23	M20	4.77	7.3	–
150	165.2	166.6	280	22	–	–	–	–	2	212	240	8	23	M20	6.34	10.1	–
(175)	190.7	192.1	305	22	–	–	–	–	2	237	265	12	23	M20	6.82	11.8	–
200	216.3	218	330	22	–	–	–	–	2	262	290	12	23	M20	7.53	14.0	–
(225)	241.8	243.7	350	22	–	–	–	–	2	282	310	12	23	M20	7.74	15.8	–
250	267.4	269.5	400	24	36	288	292	6	2	324	355	12	25	M22	11.8	22.7	12.7
300	318.5	321	445	24	38	340	346	6	3	368	400	16	25	M22	12.7	27.8	13.8
350	355.6	358.1	490	26	42	380	386	6	3	413	445	16	25	M22	16.4	37.1	18.2
400	406.4	409	560	28	44	436	442	6	3	475	510	16	27	M24	23.0	52.5	25.2
450	457.2	460	620	30	48	496	502	6	3	530	565	20	27	M24	29.5	68.8	33.0
500	508	511	675	30	48	548	554	6	3	585	620	20	27	M24	33.5	82.1	37.6
(550)	558.8	562	745	32	52	604	610	6	3	640	680	20	33	M30	43.1	105.8	49.7
600	609.6	613	795	32	52	656	662	6	3	690	730	24	33	M30	45.7	120.2	52.6
(650)	660.4	664	845	34	56	706	712	6	3	740	780	24	33	M30	52.1	145.0	60.6
700	711.2	715	905	34	58	762	770	6	3	800	840	24	33	M30	59.5	167.2	70.6
(750)	762	766	970	36	62	816	824	6	3	855	900	24	33	M30	73.2	204.2	85.8
800	812.8	817	1020	36	64	868	876	6	3	905	950	28	33	M30	76.4	225.4	91.2
(850)	863.6	868	1070	36	66	920	928	6	3	955	1000	28	33	M30	80.7	248.8	98.6
900	914.4	919	1120	38	70	971	979	6	3	1005	1050	28	33	M30	89.4	288.4	109.0
1000	1016	1021	1235	40	74	1073	1081	6	3	1110	1160	28	39	M36	109.2	367.7	133.0
*(1100)	1117.6	1123	1345	42	76	–	–	–	3	1220	1270	28	39	M36	131.6	460.0	–
*1200	1219.2	1224	1465	44	78	–	–	–	3	1325	1380	32	39	M36	163.5	572.2	–
*1350	1371.6	–	1630	48	82	–	–	–	3	1480	1540	36	45	M42	204.7	769.0	–
*1500	1524.0	–	1795	50	90	–	–	–	3	1635	1700	40	45	M42	250.2	974.9	–

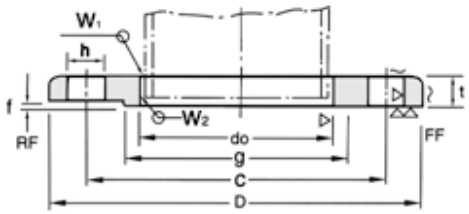
1.Flanges of parenthesized nominal diameter had letter not be used.
2.The facing of flanges shall conform to KS B1509(JIS B2202)1984.
3.Nominal diameter over 1000 is manufacturer ´ s standard(*).

5Kg/Cm²

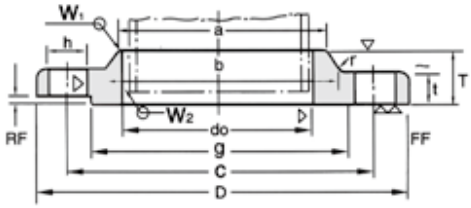
JIS B2220–1984(KSB 1503–1985)

5Kg/Cm² SLIP–ON WELDING STEEL PIPE FLANGES

SOP TYPE
NOMINAL SIZE 10-1000mm



SOH TYPE
NOMINAL SIZE 450-1000mm



Unit:mm

Nominal Bore of Flange	Outside Diam.of AppliCable Pipe	Inside Diam.of Flange do	Outside Diam.of Flange D	Sectional Dimensions of Flange							Dia.of Bolt			Nominal Bolt Size	Weight(kg)		
				t	T	Diam.of Hub a	Diam.of Hub b	Radius r	Raised face f	Diam.of Raised Face g	Diam.of Bolt Circle C	Number of Bolt Holes	Hole Diam h		SOP	BL	SOH
(10)	17.3	17.8	75	9	–	–	–	–	1	39	55	4	12	M10	0.27	0.3	–
15	21.7	22.2	80	9	–	–	–	–	1	44	60	4	12	M10	0.30	0.4	–
(20)	27.2	27.7	85	10	–	–	–	–	1	49	65	4	12	M10	0.37	0.5	–
25	34.0	34.5	95	10	–	–	–	–	1	59	75	4	12	M10	0.45	0.6	–
(32)	42.7	43.2	115	12	–	–	–	–	2	70	90	4	15	M12	0.78	0.9	–
40	48.6	49.1	120	12	–	–	–	–	2	75	95	4	15	M12	0.83	1.0	–
50	60.5	61.1	130	14	–	–	–	–	2	85	105	4	15	M12	1.07	1.4	–
65	76.3	77.1	155	14	–	–	–	–	2	110	130	4	15	M12	1.49	2.0	–
80	89.1	90.0	180	14	–	–	–	–	2	121	145	4	19	M16	1.99	2.7	–
(90)	101.6	102.6	190	14	–	–	–	–	2	131	155	4	19	M16	2.09	3.0	–
100	114.3	115.4	200	16	–	–	–	–	2	141	165	8	19	M16	2.39	3.7	–
125	139.8	141.2	235	16	–	–	–	–	2	176	200	8	19	M16	3.23	5.2	–
150	165.2	166.6	265	18	–	–	–	–	2	206	230	8	19	M16	4.41	7.5	–
(175)	190.7	192.1	300	18	–	–	–	–	2	232	260	8	23	M20	5.51	9.5	–
200	216.3	218.0	320	20	–	–	–	–	2	252	280	8	23	M20	6.33	12.2	–
(225)	241.8	243.7	345	20	–	–	–	–	2	277	305	12	23	M20	6.64	14.0	–
250	267.4	269.5	385	22	–	–	–	–	2	317	345	12	23	M20	9.45	19.3	–
300	318.5	321.0	430	22	–	–	–	–	3	360	390	12	23	M20	10.3	24.3	–
350	355.6	358.1	480	24	–	–	–	–	3	403	435	12	25	M22	14.0	33.2	–
400	406.4	409.0	540	24	–	–	–	–	3	463	495	16	25	M22	16.9	41.9	–
450	457.2	460.0	605	24	40	495	500	5	3	523	555	16	25	M22	21.6	53.0	24.8
500	508.0	511.0	655	24	40	546	552	5	3	573	605	20	25	M22	23.1	61.9	26.9
550	558.8	562.0	720	26	42	597	603	5	3	630	665	20	27	M24	30.3	81.2	34.1
600	609.6	613.0	770	26	44	648	654	5	3	680	715	20	27	M24	32.7	93.2	37.5
650	660.4	664.0	825	26	48	702	708	5	3	735	770	24	27	M24	35.9	106.9	42.8
700	711.2	715.0	875	26	48	751	758	5	3	785	820	24	27	M24	38.2	120.6	45.4
750	762.0	766.0	945	28	52	802	810	5	3	840	880	24	33	M30	48.7	150.5	57.4
800	812.8	817.0	995	28	52	854	862	5	3	890	930	24	33	M30	51.2	167.4	60.8
(850)	863.6	868.0	1045	28	54	904	912	5	3	940	980	24	33	M30	54.4	185.1	63.5
900	914.4	919.0	1095	30	56	956	964	5	3	990	1030	24	33	M30	61.1	218.1	75.3
1000	1016.0	1021.0	1195	32	60	1058	1066	5	3	1090	1130	28	33	M30	70.5	277.3	88.5
*(1100)	1117.6	1123	1305	32	–	–	–	–	3	1200	1240	28	33	M30	81.7	331.9	–
*1200	1219.2	1224	1420	34	–	–	–	–	3	1305	1350	32	33	M30	102.0	417.8	–
*1350	1371.6	–	1575	34	–	–	–	–	3	1460	1505	32	33	M30	115.9	515.6	–
*1500	1524.0	–	1730	36	–	–	–	–	3	1615	1660	36	33	M30	157.4	659.2	–

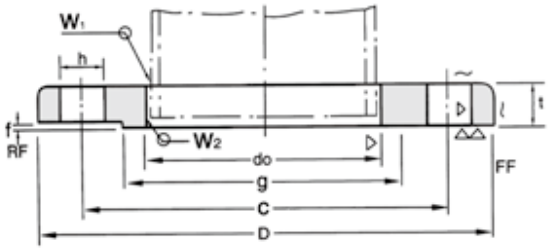
1.Flanges of parenthesized nominal diameter had letter not be used.
2.The facing of flanges shall conform to KS B1509(JIS B2202)1984.
3.Nominal diameter over 1000 is manufacturer´ s standard(*).

10Kg/Cm²

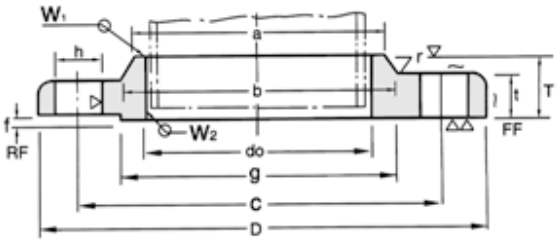
JIS B2220–1984(KSB 1503–1985)

10Kg/Cm² SLIP–ON WELDING STEEL PIPE FLANGES

SOP TYPE
NOMINAL SIZE 10-800mm



SOH TYPE
NOMINAL SIZE 250-1000mm



NORMAL THICKNESS FLANGE

Unit:mm

Nominal Diam of Flange	Outside Diam.of Steel Pipe	Inside Diam.of Flange do	Outside Diam.of Flange D	Sectional Dimensions of Flange							Dia.of Bolt			Nominal Bolt Size	Weight(kg)		
				t	T	Diam.of Hub		Rad –ius r	Raised Face f	Diam.of Raised Face g	Bolt Circle Diam. C	Number of Bolt Holes	Hole Diam h		SOP	BL	SOH
						a	b										
10	17.3	17.8	90	12	–	–	–	–	1	46	65	4	15	M12	0.52	0.54	–
15	21.7	22.2	95	12	–	–	–	–	1	51	70	4	15	M12	0.57	0.61	–
20	27.2	27.7	100	14	–	–	–	–	1	56	75	4	15	M12	0.73	0.79	–
25	34.0	34.5	125	14	–	–	–	–	1	67	90	4	19	M16	1.13	1.24	–
32	42.7	43.2	135	16	–	–	–	–	2	76	100	4	19	M16	1.48	1.66	–
40	48.6	49.1	140	16	–	–	–	–	2	81	105	4	19	M16	1.56	1.81	–
50	60.5	61.1	155	16	–	–	–	–	2	96	120	4	19	M16	1.88	2.23	–
65	76.3	77.1	175	18	–	–	–	–	2	116	140	4	19	M16	2.60	3.3	–
80	89.1	90	185	18	–	–	–	–	2	126	150	8	19	M16	2.61	3.5	–
(90)	101.6	102.6	195	18	–	–	–	–	2	136	160	8	19	M16	2.76	4.0	–
100	114.3	115.4	210	18	–	–	–	–	2	151	175	8	19	M16	3.14	4.6	–
125	139.8	141.2	250	20	–	–	–	–	2	182	210	8	23	M20	4.77	7.3	–
150	165.2	166.6	280	22	–	–	–	–	2	212	240	8	23	M20	6.34	10.1	–
(175)	190.7	192.1	305	22	–	–	–	–	2	237	265	12	23	M20	6.82	11.8	–
200	216.3	218	330	22	–	–	–	–	2	262	290	12	23	M20	7.53	14.0	–
(225)	241.8	243.7	350	22	–	–	–	–	2	282	310	12	23	M20	7.74	15.8	–
250	267.4	269.5	400	24	36	288	292	6	2	324	355	12	25	M22	11.8	22.7	12.7
300	318.5	321	445	24	38	340	346	6	3	368	400	16	25	M22	12.7	27.8	13.8
350	355.6	358.1	490	26	42	380	386	6	3	413	445	16	25	M22	16.4	37.1	18.2
400	406.4	409	560	28	44	436	442	6	3	475	510	16	27	M24	23.0	52.5	25.2
450	457.2	460	620	30	48	496	502	6	3	530	565	20	27	M24	29.5	68.8	33.0
500	508	511	675	30	48	548	554	6	3	585	620	20	27	M24	33.5	82.1	37.6
(550)	558.8	562	745	32	52	604	610	6	3	640	680	20	33	M30	43.1	105.8	49.7
600	609.6	613	795	32	52	656	662	6	3	690	730	24	33	M30	45.7	120.2	52.6
(650)	660.4	664	845	34	56	706	712	6	3	740	780	24	33	M30	52.1	145.0	60.6
700	711.2	715	905	34	58	762	770	6	3	800	840	24	33	M30	59.5	167.2	70.6
(750)	762	766	970	36	62	816	824	6	3	855	900	24	33	M30	73.2	204.2	85.8
800	812.8	817	1020	36	64	868	876	6	3	905	950	28	33	M30	76.4	225.4	91.2
(850)	863.6	868	1070	36	66	920	928	6	3	955	1000	28	33	M30	80.7	248.8	98.6
900	914.4	919	1120	38	70	971	979	6	3	1005	1050	28	33	M30	89.4	288.4	109.0
1000	1016	1021	1235	40	74	1073	1081	6	3	1110	1160	28	39	M36	109.2	367.7	133.0
*(1100)	1117.6	1123	1345	42	76	–	–	–	3	1220	1270	28	39	M36	131.6	460.0	–
*1200	1219.2	1224	1465	44	78	–	–	–	3	1325	1380	32	39	M36	163.5	572.2	–
*1350	1371.6	–	1630	48	82	–	–	–	3	1480	1540	36	45	M42	204.7	769.0	–
*1500	1524.0	–	1795	50	90	–	–	–	3	1635	1700	40	45	M42	250.2	974.9	–

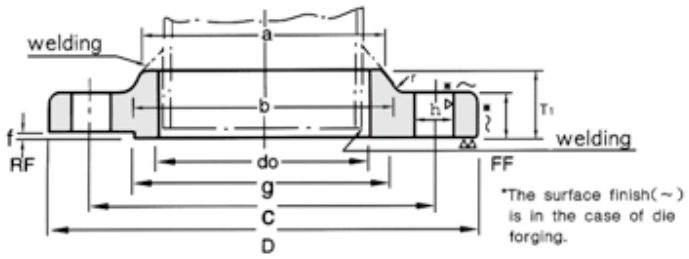
1.Flanges of parenthesized nominal diameter had letter not be used.
2.The facing of flanges shall conform to KS B1509(JIS B2202)1984.
3.Nominal diameter over 1000 is manufacturer ´ s standard(*).

16Kg/Cm²

JIS B2220–1984(KSB 1503–1985)

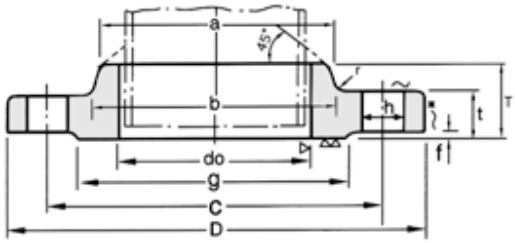
16Kg/Cm² SLIP–ON WELDING STEEL PIPE FLANGES

NOMINAL SIZE 10-600mm



*The surface finish(~) is in the case of die forging.

NOMINAL SIZE 650-1200mm



Unit:mm

Nominal Diameter of Flange	Outside Diameter of Steel Pipe	Inside Diameter of Flange do	Sectional Dimensions of Flange							Bolt Hole			Nominal Bolt Size	Weight(kg)		
			Outside Diameter of Flange D	t	T	Diam.of Hub a	Diam.of Hub b	Radius r	f	g	Bolt Circle Diameter C	Number of Bolt Holes	Hole Diameter h		SOP	BL	SOH
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	895	48	77	704	726	10	5	770	820	24	39	M36 × 3	96.3	227.5	101.0
700	711.2	715	960	50	80	754	776	10	5	820	875	24	42	M39 × 3	114.1	272.6	120.0
(750)	762.0	766	1020	52	83	806	832	10	5	880	935	24	42	M39 × 3	132.7	321.9	141.0
800	812.8	817	1085	54	86	865	885	10	5	930	990	24	48	M45 × 3	152.1	375.6	161.0
(850)	863.6	868	1135	56	89	916	936	10	5	980	1040	24	48	M45 × 3	166.5	428.1	177.0
900	914.4	919	1185	58	93	968	986	10	5	1030	1090	28	48	M45 × 3	178.1	481.8	191.0
1000	1016.0	1021	1320	62	99	1070	1098	12	5	1140	1210	28	56	M52 × 3	235.3	636.0	230.0
1100	1117.6	1123	1420	66	105	1180	1200	12	5	1240	1310	32	56	M52 × 3	267.9	784.0	289.0
1200	1219.2	1224	1530	70	112	1282	1302	12	5	1350	1420	32	56	M52 × 3	321.1	972.4	348.0
1300	1320.8	1326.0	1645	74	–	–	–	–	5	1450	1530	32	62		378.6	1185.2	–
1350	1371.6	1377.0	1700	76	–	–	–	–	5	1510	1590	32	62		410.0	1303.8	–
1400	1422.4	1428.0	1755	78	–	–	–	–	5	1560	1640	36	62		436.0	1422.5	–
1500	1524.0	1529.0	1865	80	–	–	–	–	5	1670	1750	36	62		496.4	1656.6	–

1.Flanges of parenthesized nominal diameter had better not be used.

2.For dimensional tolerance, refer to JIS B2203.

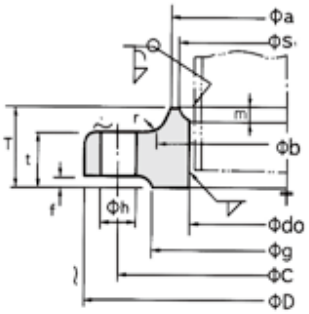
3.In principle material shall be SS400 specified in JIS G3101,SF390A(or SF440A) specified in JIS G3201, or S20C(or S25C) specified in JIS G4051, and shall be fit for welding.

20Kg/Cm²

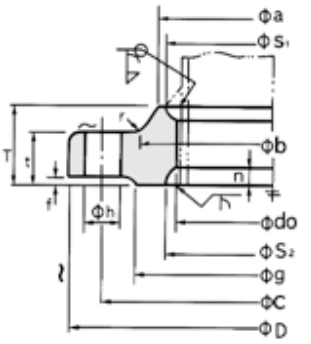
JIS B2220–1984(KSB 1503–1985)

20Kg/Cm² SLIP–ON WELDING STEEL PIPE FLANGES

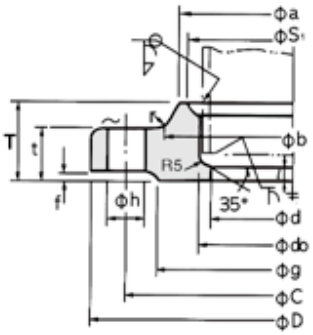
A-TYPE
NOMINAL SIZE 10~600mm



B-TYPE
NOMINAL SIZE 10~50mm



C-TYPE
NOMINAL SIZE 65~600mm



*The surface finish(~) is in the case of die forging.

Unit:mm

Nominal Diameter of Flange	Outside Diameter of Steel Pipe	Inside Diameter. of Flange do	Outside Diameter. of Flange D	Sectional Dimensions of Flange								Bolt Hole				Reference					Weight(kg)		
				t	T	Diameter of Hub		Radius r	f	g	d	Bolt Circle Diameter C	Number of Bolt Holes	Hole Diameter h	Nominal Bolt Size	S_1	m	S_2	n	l	SOP	BL	SOH
						a	b																
10	17.3	17.8	90	14	20	30	32	4	1	46	–	65	4	15	M12	27	4	27	4	–	0.6	0.6	0.59
15	21.7	22.2	95	14	20	34	36	4	1	51	–	70	4	15	M12	31	4	31	4	–	0.7	0.7	0.65
20	27.2	27.7	100	16	22	40	42	4	1	56	–	75	4	15	M12	37	4	37	4	–	0.8	0.9	0.81
25	34.0	34.5	125	16	24	48	50	4	1	67	–	90	4	19	M16	44	4	44	4.5	–	1.3	1.5	1.29
32	42.7	43.2	135	18	26	56	60	5	2	76	–	100	4	19	M16	52	4	53	5	–	1.6	1.8	1.6
40	48.6	49.1	140	18	26	62	66	5	2	81	–	105	4	19	M16	58	4	59	5.5	–	1.7	2.0	1.69
50	60.5	61.1	155	18	26	76	80	5	2	96	–	120	8	19	M16	70	4	72	5.5	–	1.9	2.4	1.89
65	76.3	77.1	175	20	30	100	104	5	2	116	65.9	140	8	19	M16	94	6	85	6	6	2.6	3.4	2.6
80	89.1	90.0	200	22	34	113	117	6	2	132	78.1	160	8	23	M20	107	6	–	–	6	3.8	4.9	3.93
(90)	101.6	102.6	210	24	36	126	130	6	2	145	90.2	170	8	23	M20	120	6	–	–	6	4.4	6.0	4.56
100	114.3	115.4	225	24	36	138	142	6	2	160	102.3	185	8	23	M20	132	6	–	–	6	4.9	6.9	5.13
125	139.8	141.2	270	26	40	166	172	6	2	195	126.6	225	8	25	M22	160	7	–	–	6	7.8	11.0	8.3
150	165.2	166.6	305	28	42	196	202	6	2	230	151.0	260	12	25	M22	186	8	–	–	6	10.1	14.9	10.6
200	216.3	218.0	350	30	46	244	252	6	2	275	199.9	305	12	25	M22	237	9	–	–	6	12.6	21.4	13.3
250	267.4	269.5	430	34	52	304	312	6	2	345	248.8	380	12	27	M24	290	10	–	–	6	21.9	37.2	23.4
300	318.5	321.0	480	36	56	354	364	8	3	395	297.9	430	16	27	M24	345	11	–	–	6	25.8	48.8	27.7
350	355.6	358.1	540	40	62	398	408	8	3	440	333.4	480	16	33	M30 × 3	384	12	–	–	6	36.2	68.0	39.2
400	406.4	409.0	605	46	70	446	456	10	3	495	381.0	540	16	33	M30 × 3	437	13	–	–	7	51.7	99.4	54.2
450	457.2	460.0	675	48	78	504	514	10	3	560	431.8	605	20	33	M30 × 3	490	15	–	–	7	66.1	129.1	71.7
500	508.0	511.0	730	50	84	558	568	10	3	615	482.6	660	20	33	M30 × 3	544	16	–	–	7	77.4	158.4	86.2
(550)	558.8	562.0	795	52	90	612	622	10	3	670	533.4	720	20	39	M36 × 3	595	16	–	–	7	92.2	194.0	105
600	609.6	613.0	845	54	96	666	676	10	3	720	584.2	770	24	39	M36 × 3	646	18	–	–	7	101.1	226.9	119
(650)	660.4	664.0	945	60	–	–	–	–	5	790	–	850	24	48	M45 × 3						147.6	311.6	–
700	711.2	715.0	995	64	–	–	–	–	5	840	–	900	24	48	M45 × 3						168.0	370.9	–
(750)	762.0	766.0	1080	68	–	–	–	–	5	900	–	970	24	56	M52 × 3						212.7	460.1	–
800	812.8	817.0	1140	72	–	–	–	–	5	960	–	1030	24	56	M52 × 3						248.5	546.5	–
(850)	863.6	868.0	1200	74	–	–	–		5	1020	–	1090	24	56	M52 × 3						280.5	626.2	–
900	914.4	919.0	1250	76	–	–	–	–	5	1070	–	1140	28	56	M52 × 3						296.9	694.9	–

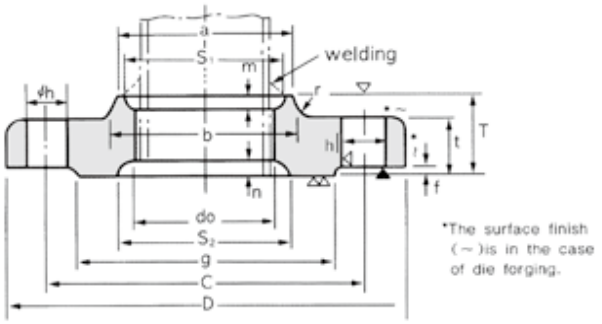
1.Flanges of parenthesized nominal diameters had better not be used.
2.The Flange gasket surface is based on large raised facing specified in JIS B2202.
3.Size d is an example of pipe thickness for schedule 40 of JIS G3454.and JIS G3456 .But customers can order for other size as occasion demand.
4.For dimensional tolerance,refer to JIS B2203.
5.In principle, material shall be aSS400 specified in JIS G3101, SF390A(or SF440A)specified in JIS G3201, or S20C(or S25C) specified in JIS G4051.Material shall be fit for welding.
*The surface finish is the case of forging (▽:in other cases).

30Kg/Cm²

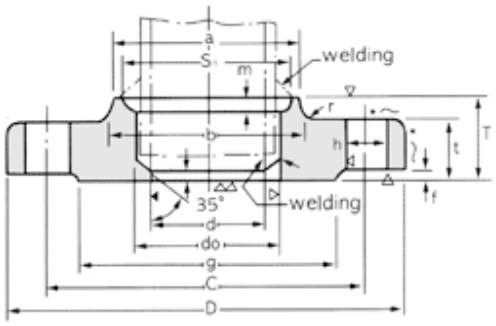
JIS B2220–1984(KSB 1503–1985)

30Kg/Cm² SLIP–ON WELDING STEEL PIPE FLANGES

A-TYPE NOMINAL SIZE 10-400mm
B-TYPE NOMINAL SIZE 10-50mm



C-TYPE NOMINAL SIZE 65-400mm



Unit : mm

Nominal Diameter of Flange	Outside Diameter of Steet Pipe	Inside Diameter of Flange do	Outside Diameter of Flange D	Sectional Dimensions of Flange								Bolt Hole				Reference					Approx Weight (kg)	
				t	T	Diameter of Hub a	Diameter of Hub b	Radius r	f	g	d	Bolt Circle Diameter C	Number of Bolt Holes	Hole Diameter h	Nominal Bolt Size	S_1	m	S_2	n	l	SOH	BL
10	17.3	17.8	110	16	24	30	34	4	1	52	–	75	4	19	M16	27	4	27	4	–	0.99	1.00
15	21.7	22.2	115	18	26	36	40	5	1	55	–	80	4	19	M16	31	4	40	5	–	1.23	1.25
20	27.2	27.7	120	18	28	42	46	5	1	60	–	85	4	19	M16	37	5	44	5	–	1.34	1.38
25	34.0	34.5	130	20	30	50	54	5	1	70	–	95	4	19	M16	44	6	52	5	–	1.76	1.84
32	42.7	43.2	140	22	32	60	64	6	2	80	–	105	4	19	M16	52	6	60	5	–	2.15	2.32
40	48.6	49.1	160	22	34	66	70	6	2	90	–	120	4	23	M20	58	6	66	5	–	2.82	3.00
50	60.5	61.1	165	22	36	82	86	6	2	105	–	130	8	19	M16	70	6.5	78	5	–	2.89	3.14
65	76.3	77.1	200	26	40	102	106	8	2	130	65.9	160	8	23	M20	96	9.5	94	5	6	4.70	5.50
80	89.1	90.0	210	28	44	115	121	8	2	140	78.1	170	8	23	M20	109	9.5	–	–	6	5.36	6.63
(90)	101.6	102.6	230	30	46	128	134	8	2	150	90.2	185	8	25	M22	122	9.5	–	–	6	6.85	8.55
100	114.3	115.4	240	32	48	141	147	8	2	160	102.3	195	8	25	M22	135	9.5	–	–	6	7.89	10.0
125	139.8	141.2	275	36	54	166	172	8	2	195	126.6	230	8	25	M22	160	9.5	–	–	6	11.4	15.3
150	165.2	166.6	325	38	58	196	204	8	2	235	151.0	275	12	27	M24	186	9.5	–	–	6	16.7	22.2
200	216.3	218.0	370	42	64	248	256	8	2	280	199.9	320	12	27	M24	237	9.5	–	–	6	20.6	32.6
250	267.4	269.5	450	48	72	306	314	10	2	345	248.8	390	12	33	M30 × 3	290	10	–	–	6	36.1	55.2
300	318.5	321.0	515	52	78	360	370	10	3	405	297.9	450	16	33	M30 × 3	345	12	–	–	6	49.9	77.9
350	355.6	358.1	560	54	84	402	412	12	3	450	333.4	495	16	33	M30 × 3	383	13	–	–	6	61.2	96.9
400	406.4	409.0	630	60	92	456	468	15	3	510	381.0	560	16	39	M36 × 3	435	14	–	–	7	85.2	136

1. As far as possible, nominal diameter in parenthesis should be avoid from use.
2. The diamensional tolerancer shall confim to JIS B2203.
3. The flange gasket surface is based on large raised facing specified in JIS b2202. But, if necessary, facings other than the Large raised facing specified in JIS B2201 can be designated by customers.
4. Sized is an example of pipe thickness for schedule 40 of JIS G3454 and JIS B3456. When other size is necessary, customers Can order it at will.
5. Material

Catbon Steel:S25C spedified in JIS G4051, or Sf440A specified in JIS G3201.
Molybdeum steel: 1/2 Mo steel spcified in tables 1 and 2 of JIS B2215.
Chromium–Molybdenum steel: 1/4 Cr 1/2 Mo Steel specified in tables 1 and 2 of JIS B2215.

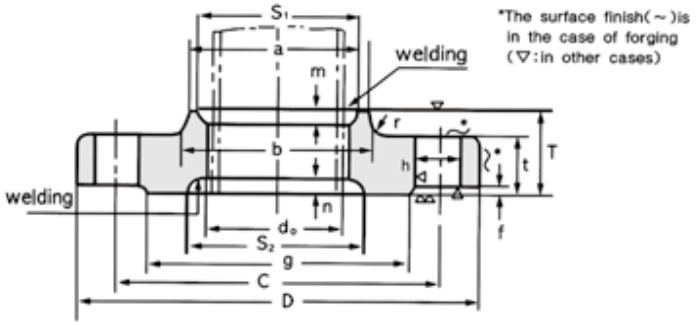
* The surface finish is in the case of forging (△: in other cases)

40Kg/Cm²

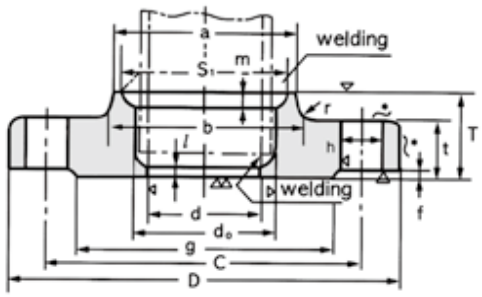
JIS B2216

40Kg/Cm² SLIP–ON WELDING STEEL PIPE FLANGES

NOMINAL SIZE 10-65mm



NOMINAL SIZE 65-400mm



Unit:mm

Nominal Diameter of Flange	Outside Diameter of Steel Pipe	Inside Diameter of Flange do	Outside Diameter of Flange D	Sectional Dimensions of Flange								Bolt Hole				Reference					Approx Weight (kg)
				t	T	Diameter of Hub a	Diameter of Hub b	Radius r	f	g	d	Bolt Circle Diameter C	Number of Bolt Holes	Hole Diameter h	Nominal Bolt Size	S_1	m	S_2	n	l	
10	17.3	17.8	110	18	26	34	38	5	1	58	–	75	4	19	M16	28.0	6	28	5		1.11
15	21.7	22.2	115	20	30	39	43	5	1	55	–	80	4	19	M16	32.5	6	32.5	5		1.39
20	27.2	27.7	120	20	30	45	49	5	1	60	–	85	4	19	M16	38.0	6	38.0	5		1.51
25	34.0	34.5	130	22	32	55	59	5	1	70	–	95	4	19	M16	47.8	6	47.8	5		1.97
32	42.7	43.2	140	24	35	64	68	6	2	80	–	105	4	19	M16	56.5	6	56.5	5		2.50
40	48.6	49.1	160	24	35	70	74	6	2	90	–	120	4	23	M20	62.5	6	62.5	5		3.26
50	60.5	61.1	165	26	38	86	90	6	2	105	–	130	8	19	M16	74.5	6	74.5	5.5		3.47
65	76.3	77.1	200	30	44	106	110	8	2	130	62.3	160	8	23	M20	91.5	7	91.5	7		5.97
80	89.1	90.0	210	32	46	118	124	8	2	140	73.9	170	8	23	M20	105.5	7.5	105.5	7		6.76
100	114.3	115.4	250	36	52	145	151	8	2	165	97.1	205	8	25	M22	133.0	8.5	133.0	7		10.78
125	139.8	141.2	300	40	58	182	188	8	2	200	120.8	250	8	27	M24	160.5	9.5	160.5	7		16.97
150	165.2	166.6	355	44	64	200	208	8	2	240	143.2	295	12	33	M30	188.0	11	188.0	7		22.6
200	216.3	218.0	405	50	72	255	263	8	2	290	190.9	345	12	33	M30	243.0	13	243.0	7		34.9
250	267.4	269.5	475	56	80	310	318	10	2	355	237.2	410	12	33	M30	298.0	15	298.0	7		41.1

1.As far as possible.nominal diameter in parenthesis should be avoid from use.
2.The dimensional tolerance shall confirm to JIS B2203.
3.The flange gasket surface is based on large raised facing specified in JIS B2202.But ,fi necessary, facings other than the large raised facing specified in JIS B2201 can be designated by customers.
4.Size d is an example of pipe thickness for schedule 40 of JIS G3454 and JIS B3456.when other size is necessary, customers can order it at will.
5.Refer to JIS B2216.