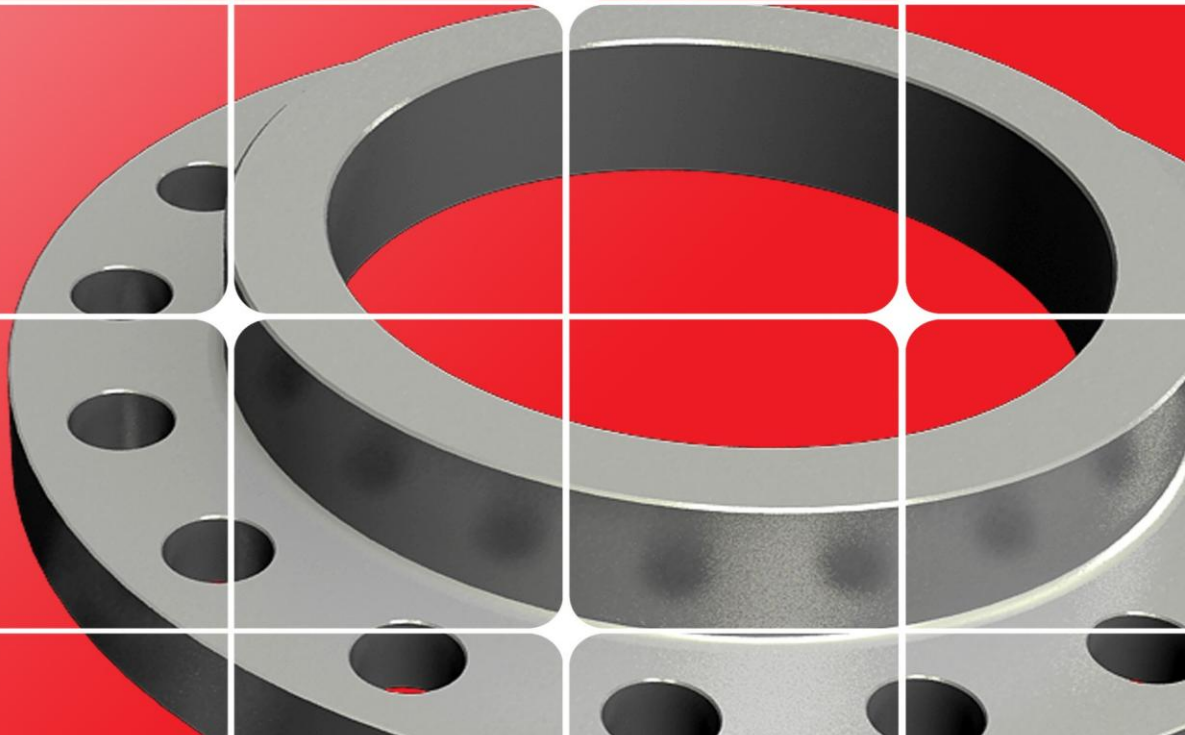
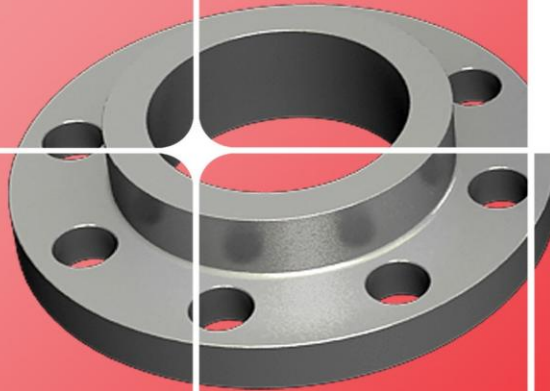
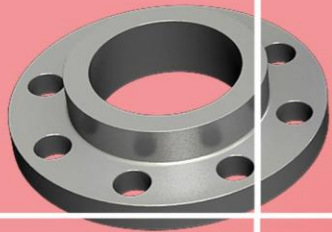


JIS FLANGES

- JIS Flanges 2kg/cm²
- JIS Flanges 5kg/cm²
- JIS Flanges 10kg/cm²
- JIS Flanges 16kg/cm²
- JIS Flanges 20kg/cm²
- JIS Flanges 30kg/cm²
- JIS Flanges 40kg/cm²
- JIS Flanges 63kg/cm²



JIS Flanges Specifications	
Flange Face Type	Blind Flange, Plate Flange, Slip On Flange, Weld Neck Flange, Square Flanges
Manufacturing Standards	JIS B2220 - 5K, 10 K, 16 K 20 K, 30 K, 40 K, 63 K
Pressure Class	5kg/cm ² - 63kg/cm ² (Class Pressure: 5K, 10K, 16K, 20K, 30K, 40K, 63K)
Flange Size Range	1/2" (DN15) - 48" (DN1420)
Materials	Stainless Steel ANSI B16.47 Flanges : ASTM A 182, A 240 F 304, 304L, 304H, 316, 316L, 316Ti, 310, 310S, 321, 321H, 317, 347, 347H, 904L
	Duplex & Super Duplex Steel ANSI B16.47 Flanges : ASTM / ASME A/SA 182 F 44, F 45, F51, F 53, F 55, F 60, F 61
	Carbon Steel ANSI B16.47 Flanges : ASTM / ASME A/SA 105 ASTM / ASME A 350 , ASTM A 181 LF 2 / A516 Gr.70 A36, A694 F42, F46, F52, F60, F65, F706
	Low Temperature Carbon Steel ANSI B16.47 Flanges : ASTM A350, LF2, LF3
	Alloy Steel ANSI B16.47 Flanges : ASTM / ASME A/SA 182 & A 387 F1, F5, F9, F11, F12, F22, F91
Coating	Anti-rust Paint, Oil Black Paint, Yellow Transparent, Zinc Plated, Cold and Hot Dip Galvanized

Industry and Applications

JIS (Japanese Industrial Standards) flanges are a set of standards for flanges used in Japan. JIS flange are typically made from materials such as carbon steel, stainless steel, aluminium or nickel Alloys. They come in different sizes and pressure ratings to suit different applications. These flanges are used to connect pipes or fittings, while blind flanges are used to close off the ends of pipes or vessels. JIS flanges are commonly used in Japan, but they can also be found in other countries, particularly in Asia in industries such as,

- Oil and Gas Industry
- Shipbuilding Industry
- Chemical Industry
- Water Treatment Industry
- Construction Industry

JIS Flanges Types



Blind Flange



Plate Flange



Weld Neck Flange

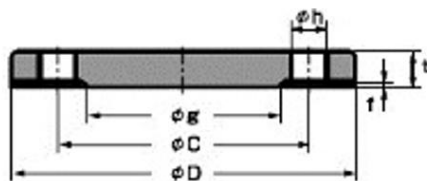


Slip-on Flange

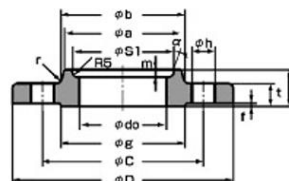


Square Flange

JIS Flanges 2 kg/cm² Dimensions



Blind



Slip-on

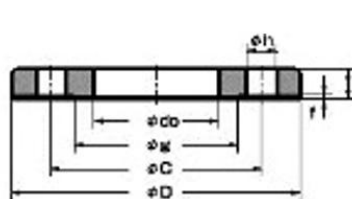
Pipe		Pipe	D	do	t	C	Holes	ψh
inch	mm							
18	450	457.2	605	460	22	555	16	23
20	500	508	655	511	22	605	20	23
22	550	558	720	562	24	665	20	25
24	600	609.6	770	613	24	715	20	25
26	650	660.4	825	664	24	770	24	25
28	700	711.2	875	715	24	820	24	25
30	750	762	945	766	24	880	24	27
32	800	812.8	995	817	24	930	24	27
34	850	863.6	1045	868	24	980	24	27
36	900	914.4	1095	919	24	1030	24	27
40	1000	1016	1195	1021	26	1130	28	27
44	1100	1117.6	1305	1122	26	1240	28	27
48	1200	1219.2	1420	1224	26	1350	32	27
54	1350	1371.6	1575	1376	26	1505	32	27
60		1524	1730	1529	28	1660	36	27

* Dimensions are in mm

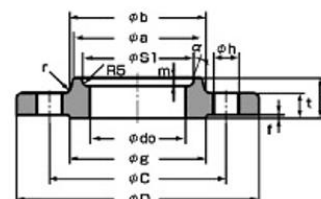
JIS Flanges 5 kg/cm² Dimensions



Blind



Plate

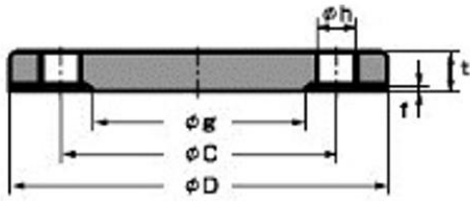


Slip-on

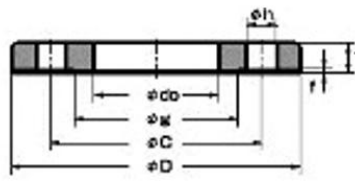
Pipe		Pipe	Bo	D	t	T	G	f	r	H	X	C	Hole s	Bol t Dia .
inc h	mm													
3/8"	10	17.3	17.8	75	9	-	42	1	-	-	-	55	4	12
1/2"	15	21.7	22.2	80	9	-	48	1	-	-	-	60	4	12
3/4"	20	27.2	27.7	85	10	-	52	1	-	-	-	65	4	12
1"	25	34	34.5	95	10	-	62	1	-	-	-	75	4	12
1-1/4"	32	42.7	43.2	115	12	-	72	2	-	-	-	90	4	15
1-1/2"	40	48.6	49.1	120	12	-	78	2	-	-	-	95	4	15
2"	50	60.5	61.1	130	14	-	88	2	-	-	-	105	4	15

2- ½"	65	76.3	77.1		155		14		-		112		2	-	-		-		130		4	15
3"	80	89.1	90		180	1	14		-		125	±0.8	2	-	-		-		145	±0.5	4	19
3- ½"	90	101.6	102.6		190	0	14	1	-		135		2	-	-		-		155		4	19
4"	100	114.3	115.4		200		16	0	-		145		2	-	-		-		165		8	19
5"	125	139.8	141.2		235		16		-		180		2	-	-		-		200		8	19
6"	150	165.2	166.6		265		18		-		210		2	-	-		-		230		8	19
7"	175	190.7	192.1		300		18		-		235		2	-	-		-		260		8	23
8"	200	216.3	218	1	320		20		-		255		2	-	-	2	-	2	280		8	23
9"	225	241.8	243.7	0	345		20		-		280		2	-	-	0	-	0	305		12	23
10"	250	267.4	269.5		385		22		32	±1.0	320		2	5	286		290		345		12	23
12"	300	318.5	321		430	1.5	22		34		365		3	5	338		342		390	±0.6	12	23
14"	350	355.6	358.1		480	0	24		36		405		3	5	378		382		435		12	25
16"	400	406.4	409		540		24		36		465	±0.9	3	5	432		436		495		16	25
18"	450	457.2	460	1.5	605		24		40		525		3	5	495		500		555		16	25
20"	500	508	511	0	655		24		40		575		3	5	546		552		605		20	25
22"	550	558.8	562		720		26		42		630		3	5	597		603		665		20	27
24"	600	609.6	613		770		26		44		680		3	5	648		654		715		20	27
26"	650	660.4	664	2	825	2	26		48		735		3	5	702		708	2.5	770		24	27
28"	700	711.2	715	0	875	0	26		48		785		3	5	751	2.5	758	0	820	±0.8	24	27
30"	750	762	766		945		28		52		840		3	5	802	0	810		880		24	33
32"	800	812.8	817		995		28	1.5	52		890	±1.0	3	5	854		862		930		24	33
34"	850	863.6	868	2.5	1045		28	0	54		940		3	5	904	3	912	3	980		24	33
36"	900	914.4	919	0	1095		30		56		990		3	5	956	0	964	0	1030		24	33
40"	1000	1016	1021		1195	2.5	32		60		1090		3	5	1058		1066		1130		28	33
44"	1100	1118	1123		1305	0	32		-	±1.5	1200		3	-	-		-		1240	±1.0	28	33
48"	1200	1219	1224	3	1420		34		-		1305		3	-	-	3.5	-	3.5	1350		32	33
54"	1350	1372	1377	0	1575	3	34		-		1460	±1.2	3	-	-	0	-	0	1505		32	33
60"	1500	1524	1529		1730	0	36		-		1615		3	-	-		-		1660	±1.5	36	33

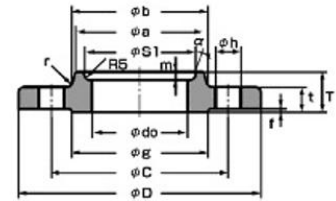
* Dimensions are in mm.



Blind



Plate



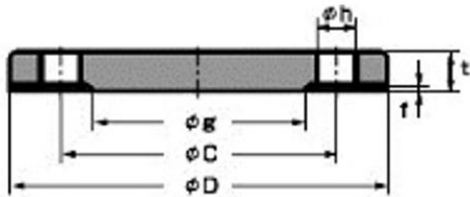
Slip-on

Pipe		Pipe	Bo		D		t		T		G		f	r	H		X		C		Hol es	Bol t Dia .
inc h	mm																					
3/8"	10	17.3	17.8		90		12		-		48		1	-	-		-		65		4	15
1/2"	15	21.7	22.2		95		12		-		52		1	-	-		-		70		4	15
3/4"	20	27.2	27.7		100		14		-		58		1	-	-		-		75		4	15
1"	25	34	34.5		125		14		-		70		1	-	-		-		90		4	19
1-1/4"	32	42.7	43.2	0.5	135		16		-		80		2	-	-		-		100		4	19
1-1/2"	40	48.6	49.1	0	140		16	1	-		85		2	-	-		-		105		4	19
2"	50	60.5	61.1		155	1	16	0	-		100	±0.8	2	-	-		-		120	±0.5	4	19
2-1/2"	65	76.3	77.1		175	0	18		-		120		2	-	-		-		140		4	19
3"	80	89.1	90		185		18		-		130		2	-	-		-		150		8	19
3-1/2"	90	101.6	102.6		195		18		-		140		2	-	-		-		160		8	19
4"	100	114.3	115.4		210		18		-		155		2	-	-	1.5	-	1.5	175		8	19
5"	125	139.8	141.2		250		20		-	±1.0	185		2	-	-	0	-	0	210		8	23
6"	150	165.2	166.6		280		22		-		215		2	-	-		-		240		8	23
7"	175	190.7	192.1	1	305		22		32		240		2	6	208		212		265		12	23
8"	200	216.3	218	0	330		22		32		265		2	6	234		238		290		12	23
9"	225	241.8	243.7		350		22		34		285		2	6	260		264		310		12	23
10"	250	267.4	269.5		400	1.5	24		36		325		2	6	288		292		355	±0.6	12	25
12"	300	318.5	321		445	0	24		38		370		3	6	340		346		400		16	25
14"	350	355.6	358.1		490		26		42		415	±0.9	3	6	380		386		445		16	25
16"	400	406.4	409		560		28		44		475		3	6	436		442		510		16	27
18"	450	457.2	460	1.5	620		30		48		530		3	6	496	2	502	2	565		20	27
20"	500	508	511	0	675		30		48		585		3	6	548	0	554	0	620		20	27
22"	550	558.8	562		745		32		52		640		3	6	604		610		680		20	33
24"	600	609.6	613		795	2	32	1.5	52		690		3	6	656		662		730		24	33
26"	650	660.4	664	2	845	0	34	0	56		740		3	6	706	2.5	712	2.5	780	±0.8	24	33
28"	700	711.2	715	0	905		34		58		800		3	6	762	0	770	0	840		24	33
30"	750	762	766		970		36		62		855	±1.0	3	6	816		824		900		24	33
32"	800	812.8	817	2.5	1020		36		64		905		3	6	868	3	876	3	950		28	33
34"	850	863.6	868	0	1070		36		66	±1.5	955		3	6	920	0	928	0	1000		28	33

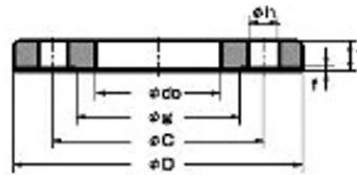
36"	900	914.4	919		1120	2.5	38		70		1005		3	6	971		979		1050	±1.0	28	33
40"	1000	1016	1021		1235	0	40		74		1110		3	6	1073		1081		1160		28	39
44"	1100	1117.6	1123		1345		42		78		1220		3	8	1175		1185		1270		28	39
48"	1200	1219.2	1224	3	1465		44		82		1325	±1.2	3	8	1278	3.5	1290	3.5	1380		32	39
54"	1350	1371.6	1377	0	1630	3	48		88		1480		3	8	1432	0	1450	0	1540	±1.5	36	45
60"	1500	1524	1529		1795	0	50		90		1635		3	8	1585		1600		1700		40	45

* Dimensions are in mm

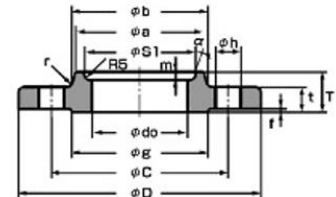
JIS Flanges 16 kg/cm² Dimensions



Blind



Plate



Slip-on

Pipe		Pipe	Bo		D		t		T		G		f	r	H		X		C		Hol es	Bol t Dia .
inc h	mm																					
3/8"	10	17.3	17.8		90		12		16		48		1	4	26		28		65		4	15
1/2"	15	21.7	22.2		95		12		16		52		1	4	30		32		70		4	15
3/4"	20	27.2	27.7		100		14		20		58		1	4	38		42		75		4	15
1"	25	34	34.5		125		14		20		70		1	4	46		50		90		4	19
1-1/4"	32	42.7	43.2	0.5	135		16		22		80		2	5	56		60		100		4	19
1-1/2"	40	48.6	49.1	0	140		16	1	24		85		2	5	62		66		105		4	19
2"	50	60.5	61.1		155	1	16		24		100	±0.8	2	5	76		80	1	120	±0.5	8	19
2-1/2"	65	76.3	77.1		175	0	18		26		120		2	5	94	1	98	0	140		8	19
3"	80	89.1	90		200		20		28		135		2	6	108	0	112		160		8	23
3-1/2"	90	101.6	102.6		210		20		30		145		2	6	120		124		170		8	23
4"	100	114.3	115.4		225		22		34	±1.0	160		2	6	134		138		185		8	23
5"	125	139.8	141.2		270		22		34		195		2	6	164		170		225		8	25
6"	150	165.2	166.6		305		24		38		230		2	6	196		202		260		12	25
7"	175	190.7	192.1	1	325		26		40		250		2	6	216		222		280		12	25
8"	200	216.3	218	0	350		26		40		275		2	6	244		252		305		12	25
9"	225	241.8	243.7		385	1.5	26		40		325		2	6	266		272	1.5	335		12	27
10"	250	267.4	269.5		430	0	28		44		345		2	6	304	1.5	312	0	380	±0.6	12	27
12"	300	318.5	321		480		30		48		395	±0.9	3	8	354	0	364		430		16	27
14"	350	355.6	358.1		540		34	1.5	52		440		3	8	398		408		480		16	33
16"	400	406.4	409		605		38	0	60		495		3	10	446		456		540		16	33

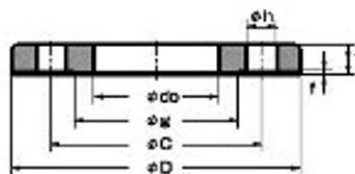
18"	450	457.2	460	1.5	675		40		64		560		3	10	504	2	514	2	605		20	33
20"	500	508	511	0	730		42		68		615		3	10	558	0	568	0	660		20	33
22"	550	558.8	562		795	2	44		70		670		3	10	612		622		720		20	39
24"	600	609.6	613		845	0	46		74		720		3	10	666		676		770	±0.8	24	39
26"	650	660.4	664	2	895		48		77		770		5	10	704	2.5	726	2.5	820		24	39
28"	700	711.2	715	0	960		50		80	±1.5	820	±1.0	5	10	754	0	776	0	875		24	42
30"	750	762	766		1020		52		83		880		5	10	806		832		935		24	42
32"	800	812.8	817	2.5	1085		54		86		930		5	10	865	3	885	3	990		24	48
34"	850	863.6	868	0	1135	2.5	56		89		980		5	10	916	0	936	0	1040		24	48
36"	900	914.4	919		1185	0	58		93		1030		5	10	968		986		1090	±1.0	28	48
40"	1000	1016	1021		1320		62		99		1140		5	12	1070		1098		1210		28	56
44"	1100	1117.6	1123		1420		66	2	105		1240		5	12	1180		1200		1310		32	56
48"	1200	1219.2	1225		1530		70	0	112		1350		5	12	1282		1302		1420		32	56
52"	1300	1320.8	1326	3	1645	3	74		-		1450	±1.2	5	-	-	3.5	-	3.5	1530		32	62
54"	1350	1371.6	1377	0	1700	0	76		-	±2.0	1510		5	-	-	0	-	0	1590	±1.5	32	62
56"	1400	1422.4	1428		1755		78		-		1560		5	-	-		-		1640		36	62
60"	1500	1524	1529		1865		80		-		1670		5	-	-		-		1750		36	62

* Dimensions are in mm

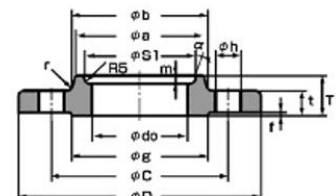
JIS Flanges 20 kg/cm² Dimensions



Blind



Plate



Slip-on

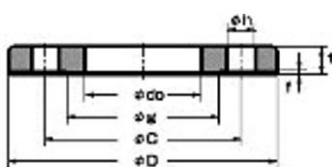
Pipe		Pip e	Bo		D		t		T		G		f	r	H		X		C		Hol es	Bol t Dia
inc h	mm																					
⅜"	10	17.3	17.8		90		14		20		48		1	4	30		32		65		4	15
½"	15	21.7	22.2		95		14		20		52		1	4	34		36		70		4	15
¾"	20	27.2	27.7		100		16		22		58		1	4	40		42		75		4	15
1"	25	34	34.5		125		16		24		70		1	4	48		50		90		4	19
1-¼"	32	42.7	43.2	0.5	135		18	1	26		80		2	5	56		60		100		4	19
1-½"	40	48.6	49.1	0	140	1	18		26		85		2	5	62		66		105		4	19
2"	50	60.5	61.1		155	0	18		26		100	±0.8	2	5	76		80	1	120	±0.5	8	19
2-½"	65	76.3	77.1		175		20		30		120		2	5	100	1	104	0	140		8	19
3"	80	89.1	90		200		22		34	±1.0	135		2	6	113	0	117		160		8	23

3- ½"	90	101 .6	102 .6		210		24		36		145		2	6	126		130		170		8	23
4"	100	114 .3	115 .4		225		24		36		160		2	6	138		142		185		8	23
5"	125	139 .8	141 .2		270		26		40		195		2	6	166		172		225		8	25
6"	150	165 .2	166 .6		305		28		42		230		2	6	196		202		260		12	25
7"	175	190 .7	192 .1	1	325		30		46		250		2	6	218		226		280		12	25
8"	200	216 .3	218	0	350		30		46		275		2	6	244		252		305		12	25
9"	225	241 .8	243 .7		385	1.5	32	1.5	48		300		2	6	266		274	1.5	335		12	27
10"	250	267 .4	269 .5		430	0	34	0	52		345		2	6	304	1.5	312	0	380	±0.6	12	27
12"	300	318 .5	321		480		36		56		395	±0.9	3	8	354	0	364		430		16	27
14"	350	355 .6	358 .1		540		40		62		440		3	8	398		408		480		16	33
16"	400	406 .4	409		605		46		70		495		3	10	446		456		540		16	33
18"	450	457 .2	460	1.5	675		48		78		560		3	10	504	2	514	2	605		20	33
20"	500	508	511	0	730		50		84		615		3	10	558	0	568	0	660		20	33
22"	550	558 .8	562		795	2	52		90		670		3	10	612		622		720		20	39
24"	600	609 .6	613		845	0	54		96	±1.5	720		3	10	666		676		770	±0.8	24	39
26"	650	660 .4	664	2	945		60		-		790		5	-	-		-		850		24	48
28"	700	711 .2	715	0	995		64	2	-		840	±1.0	5	-	-		-		900		24	48
30"	750	762	766		1080		68	0	-		900		5	-	-	2.5	-	2.5	970		24	56
32"	800	812 .8	817	2.5	1140	2.5	72		-		960		5	-	-	0	-	0	1030	±1.0	24	56
34"	850	863 .6	868	0	1200	0	74		-		1020	±1.2	5	-	-		-		1090		24	56
36"	900	914 .4	919		1250		76		-		1070		5	-	-		-		1140		28	56

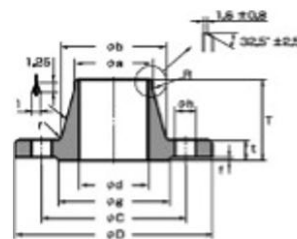
* Dimensions are in mm

JIS Flanges 30 kg/cm² Dimensions

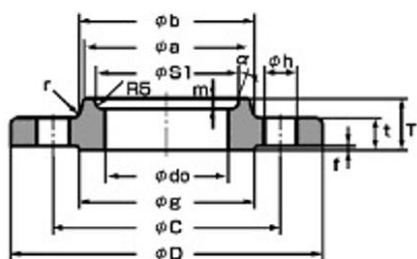

Blind



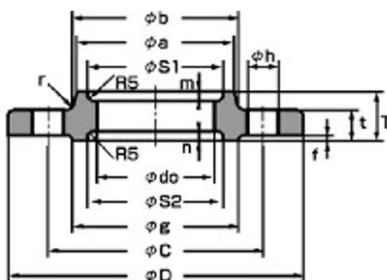
Plate



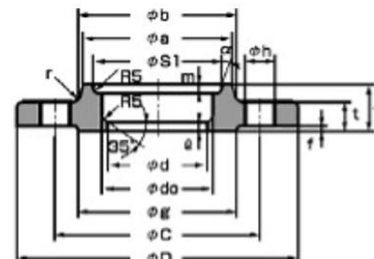
Weld Neck



Slip-on Type A



Slip-on Type B



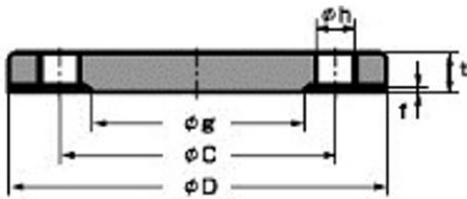
Slip-on Type C

Pipe		Pi pe	D	t	f	g	C	Ho les	h	Plate, Slip-On						Weld Neck						Slip-On Type A, B, C					
in ch	M m									do	T	a	b	r	d	d	a	b	T	R	r	S 1	m	S 2	n	a	/
3/8"	10	17.3	110	16	1	52	75	4	19	17.8	24	30	34	4	-	-	-	-	-	-	-	27	4	27	4	-	-
1/2"	15	21.7	115	18	1	55	80	4	19	22.2	26	36	40	5	-	16.1	21.7	40	45	20	6	31	4	40	5	-	-
3/4"	20	27.2	120	18	1	60	85	4	19	27.7	28	42	46	5	-	21.4	27.2	44	45	20	6	37	5	44	5	-	-
1"	25	34	130	20	1	70	95	4	19	34.5	30	50	54	5	-	27.2	34	52	48	20	6	44	6	52	5	-	-
1-1/4"	32	42.7	140	22	2	80	105	4	19	43.2	32	60	64	6	-	35.5	42.7	62	52	30	6	52	6	60	5	-	-
1-1/2"	40	48.6	160	22	2	90	120	4	23	49.1	34	66	70	6	-	41.2	48.6	70	54	30	6	58	6	66	5	-	-
2"	50	60.5	165	22	2	105	130	8	19	61.1	36	82	86	6	-	52.7	60.5	84	57	30	8	70	6.5	78	5	-	-
2-1/2"	65	76.3	200	26	2	130	160	8	23	77.1	40	102	106	8	65.9	65.9	76.3	104	69	30	8	96	9.5	-	-	20°	6
3"	80	89.1	210	28	2	140	170	8	23	90	44	115	121	8	78.1	78.1	89.1	118	73	30	8	109	9.5	-	-	20°	6
3-1/2"	90	101.6	230	30	2	150	185	8	25	102.6	46	128	134	8	90.2	90.2	101.6	130	74	30	8	122	9.5	-	-	20°	6
4"	100	114.3	240	32	2	160	195	8	25	115.4	48	141	147	8	102.3	102.3	114.3	142	76	30	8	135	9.5	-	-	20°	6
5"	125	139.8	275	36	2	195	230	8	25	141.2	54	166	172	8	126.6	126.6	139.8	172	86	50	10	160	9.5	-	-	20°	6
6"	150	165.2	325	38	2	235	275	12	27	166.6	58	196	204	8	151	151	165.2	202	95	50	10	186	9.5	-	-	20°	6
8"	200	216.3	370	42	2	280	320	12	27	218	64	248	256	8	199.9	199.9	216.3	254	102	50	10	237	9.5	-	-	20°	6

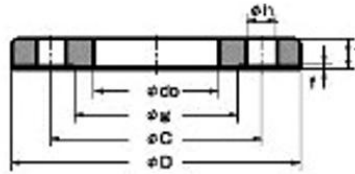
10"	250	267.4	450	48	2	345	390	12	33	269.5	72	306	314	10	248.8	248.8	267.4	312	118	50	12	290	10	-	-	20°	6
12"	300	318.5	515	52	3	405	450	16	33	321	78	360	370	10	297.9	297.9	318.5	366	127	50	15	345	12	-	-	30°	6
14"	350	355.6	560	54	3	450	495	16	33	358.1	84	402	412	12	333.4	333.4	355.6	406	134	80	15	383	13	-	-	30°	6
16"	400	406.4	630	60	3	510	560	16	39	409	92	456	468	15	381	381	406.4	462	149	80	20	435	14	-	-	30°	7

* Dimensions are in mm

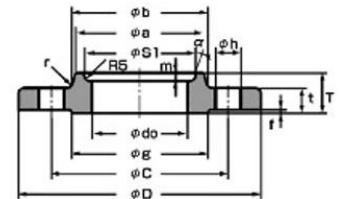
JIS Flanges 40 kg/cm² Dimensions



Blind



Plate

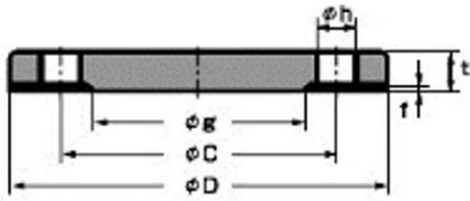


Slip-on

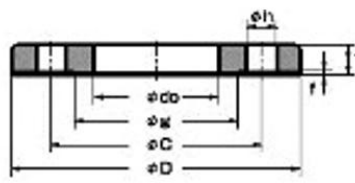
Pipe		Pipe	D	do	t	f	g	c	Holes	h				
inch	mm										d	a	b	T
3/8"	10	17.3	110	17.8	18	1	52	75	4	19	-	17.3	38	53
1/2"	15	21.7	115	22.2	20	1	55	80	4	19	15.8	21.7	40	53
3/4"	20	27.2	120	27.7	20	1	60	85	4	19	21.1	27.2	45	58
1"	25	34	130	34.5	22	1	70	95	4	19	26.8	34	54	63
1-1/4"	32	42.7	140	43.2	24	2	80	105	4	19	35.1	42.7	62	69
1-1/2"	40	48.6	160	49.1	24	2	90	120	4	23	40.7	48.6	72	72
2"	50	60.5	165	61.1	26	2	105	130	8	19	52.2	60.5	88	75
2-1/2"	65	76.3	200	77.1	30	2	130	160	8	23	65.3	76.3	108	81
3"	80	89.1	210	90	32	2	140	170	8	23	76.4	89.1	119	85
3-1/2"	90	101.6	230	102.6	34	2	150	185	8	25	89.5	101.6	130	88
4"	100	114.3	250	115.4	36	2	165	205	8	25	101.5	114.3	146	104
5"	125	139.8	300	141.2	40	2	200	250	8	27	-	-	-	-
6"	150	165.2	355	166.6	44	2	240	295	12	33	150	165.2	215	120
8"	200	216.3	405	218	50	2	290	345	12	33	198.7	216.3	270	135
10"	250	267.4	475	269.5	56	2	355	410	12	33	247.5	267.4	333	154
12"	300	318.5	540	321	60	2	410	470	16	39	296.4	318.5	400	159
14"	350	355.6	585	358.1	64	3	455	515	16	39	331.8	355.6	432	168
16"	400	406.4	645	409	70	3	515	570	16	39	379.1	406.4	466	181

* Dimensions are in mm

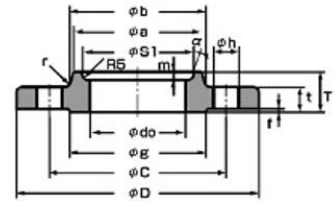
JIS Flanges 63 kg/cm² Dimensions



Blind



Plate

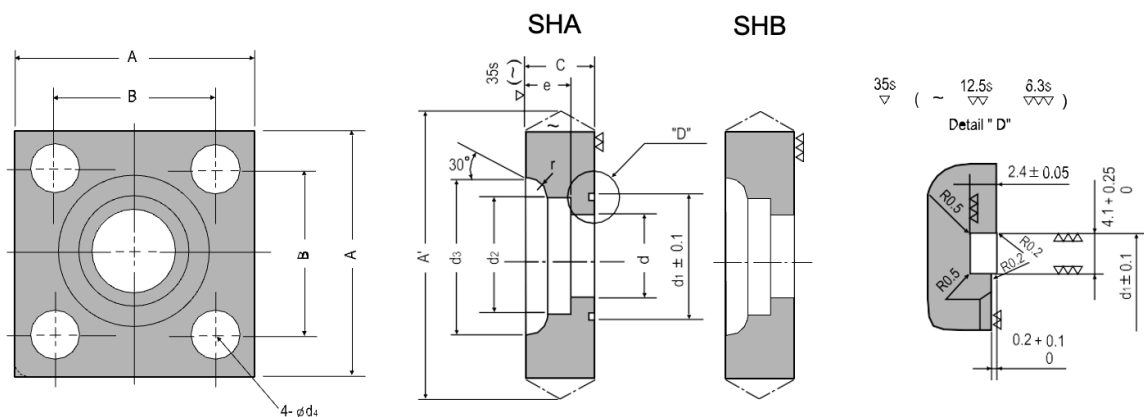


Slip-on

Pipe		Pipe	D	do	t	F	g	c	Holes	h				
inch	mm										d	a	b	T
3/8"	10	17.3	115	17.8	23	1	52	80	4	19	-	17.3	40	61
1/2"	15	21.7	120	22.2	23	1	55	85	4	19	15.8	21.7	42	61
3/4"	20	27.2	135	27.7	25	1	60	95	4	23	21.1	27.2	46	71
1"	25	34	140	34.5	27	1	70	100	4	23	26.8	34	56	74
1-1/4"	32	42.7	150	43.2	30	2	80	110	4	23	35.1	42.7	60	75
1-1/2"	40	48.6	175	49.1	32	2	90	130	4	25	40.7	48.6	75	85
2"	50	60.5	185	61.1	34	2	105	145	8	25	52.2	60.5	92	104
2-1/2"	65	76.3	220	77.1	38	2	130	175	8	25	65.3	76.3	118	107
3"	80	89.1	230	90	40	2	140	185	8	25	76.4	89.1	130	120
3-1/2"	90	101.6	255	102.6	42	2	150	205	8	27	89.5	101.6	140	126
4"	100	114.3	270	115.4	44	2	165	220	8	27	101.5	114.3	154	126
5"	125	139.8	325	141.2	50	2	200	265	8	33	-	-	-	-
6"	150	165.2	365	166.6	54	2	240	305	12	33	150	165.2	230	173
8"	200	216.3	425	218	60	2	290	360	12	33	198.7	216.3	280	215
10"	250	267.4	500	269.5	68	2	355	430	12	39	247.5	267.4	348	256
12"	300	318.5	560	321	77	3	410	485	16	39	296.4	318.5	402	286
14"	350	355.6	615	358.1	81	3	455	530	16	46	331.8	355.6	438	301
16"	400	406.4	680	409	89	3	515	590	16	46	379.1	406.4	490	314

* Dimensions are in mm

JIS Square Flanges Dimensions



210kg/Cm2																		
Nominal Bore	A		A'	B		C		d	d1		d2		e	d3	d4	f	r	Weight (kg)
			(MAX)															
15	63	±1	67	40		22	0	16	30		22.2	0.2	11	32	11	3.5	5	0.6

20	68		72	45	±0.2	22	-1	20	35		27.7	0	12	38	11	4	5	0.7
25	80	±1.2	85	53		28	0	25	40		34.5	0.3	14	45	13	4	5	1.2
32	90		95	63		28	-1.5	31.5	45	±0.1	43.2	0	16	56	13	6	5	1.5
40	100	±1.5	106	70		36	0	37.5	55		49.1		18	63	18	7	5	2.4
50	112		118	80	±0.4	36	-2	47.5	65		61.1		20	75	18	7	5	2.8
65	140	±2	148	100		45		60	80		77.1	0.4	22	95	22	9.5	6	5.3
80	155		163	112		45		71	90		90	0	25	108	24	11	6	6.2

280kg/Cm2																		
Nominal Bore	A		A'	B		C		d	d1		d2		e	d3	d4	f	r	Weight (kg)
			(MAX)															
15	66	±1	70	43		22	0	12.3	24		22.2	0.2	12	34	11	4	5	0.63
20	72		76	48	±0.2	25	-1	16.2	30		27.7	0	12	40	11	4.5	5	0.85
25	85	±1.2	91	58		35	0	21.2	35		34.5	0.3	14	48	13.5	5	5	1.64
32	98		104	68		35	-1.5	29.9	45	±0.1	43.2	0	18	60	17.5	6.5	5	2.03
40	105	±1.5	112	74		40	0	34.4	50		49.1		20	66	17.5	7.5	5	2.66
50	130		139	90	±0.4	50	-2	43.1	60		61.1		20	79	22	8	5	5.14
65	150	±2	161	108		60		57.3	75		77.1	0.4	25	100	24	10	6	7.95
80	170		181	120		65		66.9	85		90	0	25	114	26	12	6	11

350kg/Cm2																		
Nominal Bore	A		A'	B		C		d	d1		d2		e	d3	d4	f	r	Weight (kg)
			(MAX)															
15	68		73	45		28		12.3	24		22.2	0.2	12	37.5	11	4	5	0.88
20	82		87	55	±0.2	30	0	16.2	30		27.7	0	12	43.5	13.5	5	5	1.34
25	95		101	65		35	-1.5	21.2	35		34.5	0.3	14	53	17.5	5.5	6	2.02
32	100		106	70		35		23.3	40	±0.1	43.2	0	18	63	17.5	7	6	2.16
40	105	±1.5	112	75		42	0	28.2	45		49.1		20	70	17.5	8	6	2.84
50	132		140	92	±0.4	50	-2	38.3	55		61.1		25	84	22	9	6	5.3
65	160	±2	170	112		60		48.3	65		77.1	0.4	30	105	26	12	7	9.92
80	190		202	130		68		58.7	75		90	0	30	120	33	13.5	7	14.8

* Dimensions are in mm