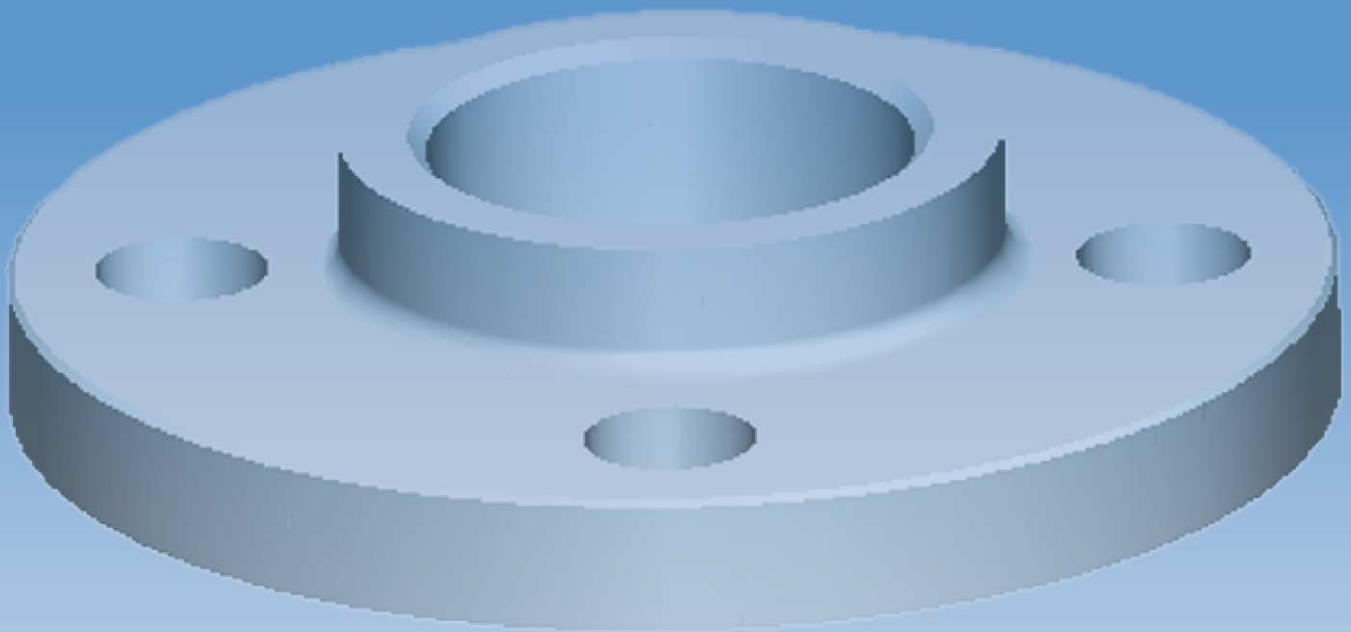




FORGED STAINLESS STEEL FLANGES



SOW LONG INDUSTRIAL CO., LTD

首龍工業股份有限公司

LONG CHENG VALVES CO., LTD

龍晟閥門有限公司



Management
System
ISO 9001:2008
www.tuv.com
42 31052889





公司簡介:

我們是高品質的閥門制造商，尤其球閥、閘閥、截止閥、逆止閥、Y型過濾器、調節閥、氣動閥、電動閥、法蘭片等。可提供多種尺寸和材質。這些閥門廣泛應用於石油、化工、電站、印染、食品、制藥、冶金、給排水系統、市政工程等行業。

1979年我們在臺灣創立第一家工廠，是一個集設計、制造、銷售、服務于一體的閥門專業制造廠商。在創立初期，公司祇是加工、裝配、銷售，鑄件是外購，年銷售量為1000噸左右。1988年公司進行了擴建，新增了設備，年銷售量達到了1500噸。

2000年，在中國大陸（廣東省中山市三鄉鎮大布城桂工業區）投資1300萬美元，新建了一座面積約22000平方米的廠房，成立了第二個工廠，年生產力達到2200噸，年銷售量達到2000噸。同時建成了一條龍服務，從自主設計、鑄造、加工、裝配、銷售到售後服務。

2004年，在中國大陸成立第三個工廠，投資金額1500萬美元，面積約25000平方米，年生產能力增加2000噸，年生產總能力達到4200噸以上，年

銷售總量達到4000噸。

我們的產品分布世界各地，以優越的質量贏得各界好評和信賴，業務穩定的增長，產品需求量日益增加，因此公司決定於2008年再新建第四個工廠，年生產能力達到6000噸。

我們公司還通過了ISO9001-2000，TRD100，CE，API6D，API607和DNV等認可證書。

我們的目標是成為你們的最佳伙伴和供應商。我們竭盡所能提供給你完全符合要求的產品，並準時交付，承諾提供更好的支援，以達到當今商業領域的品質標準要求。



△ 臺灣總廠 TAIWAN FACTORY



△ 廠房 FACTORY (二)



△ 廠房 FACTORY (三)

INTRODUCTION:



We are a high qualified manufacturer of valves—specializing in ball valves, gate valves, globe valves, swing check valves, y-strainers, control-valves, pneumatic valves, electric valves, flanges ...etc.. Available in a wide range of sizes and materials, and these valves are used widely in Petroleum, Chemical Industry, Electric Station, Food, Printing and Dyeing, Medicines, Metallurgy, Water supply and drainage system, Municipal Engineering and so on.

We are also a professional manufacturer of valves including design, distribution and after-sales service since we founded the 1st factory in Taiwan in 1979. In the early, our company processed machining, assembling, sales, and got the casting from other suppliers, the annual sales is about 1000t. In view of the rapid growth in business, our company took an expansion, added equipments, by then the annual sales came to 1500t.

We invested 13 million USD and established the 2nd factory which takes up about 22000 m² coverage in china mainland (da bu cheng gui industrial zone sanxiang zhongshan city guangdong province) in 2000, the annual productivity came to 2200t, and the annual sales came to 2000t by then. At the same time, a dragon service which from

designed by ourselves, casting, processing, assembling, sales to after-sales service is formed.

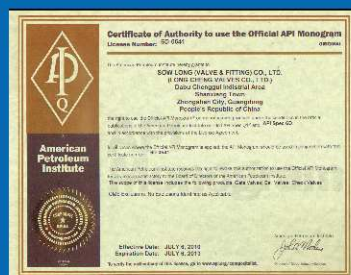
We re-invested 15 million USD and established the 3rd factory which takes up 25000 m² coverage in china mainland in 2004, the annual productivity increased 2000t, then the total annual productivity came to 4200t or above, and the annual sales came to 4000t at the same time.

With the distribution of our products all around the world, we have enjoyed a worldwide reputation for our high quality. As the business growing stability, the demand for products increasing, our company decided to establish the 4th factory in 2008, for the purpose of making the annual productivity reach to 6000t.

As always, our companies have certified ISO9001-2000, TRD100, CE, API6D, API607 and DNV and so on.

Our objective is to be your preferred partner and supplier, we will do our best to offer you the products that are engineered to meet your exacting requirements, deliver on time and promise to provide better support, to meet the quality standards demanded in today's business arena.

品質認證 Certificate



ANSI FLANGES 150LB. 美標150LB法蘭

ASME B16.5-2009 FLANGES

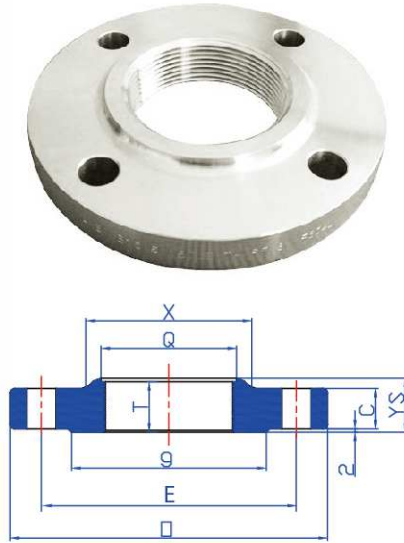
帶頸平焊法蘭

SLIP-ON



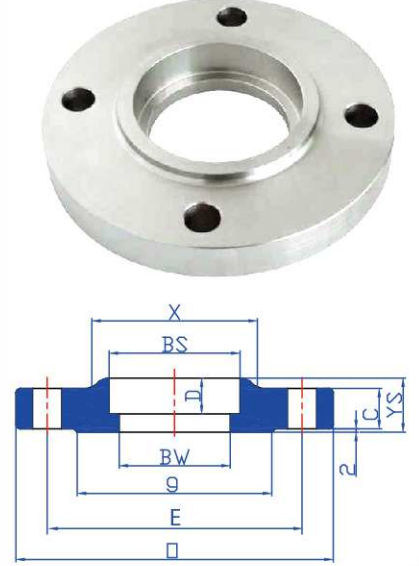
螺紋法蘭

SCREWED



承插焊法蘭

SOCKET WELDING



尺寸表 DIMENSIONS:

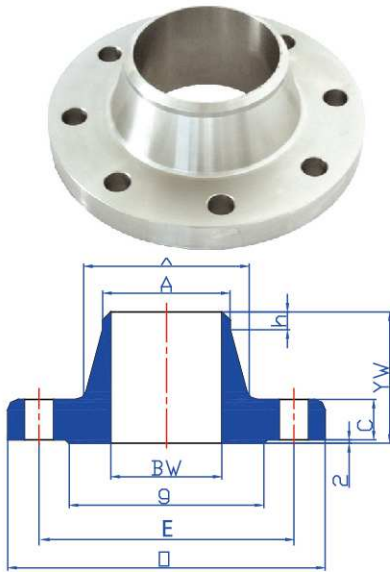
Nominal Size	O	C	C(LJ)	X	g	A	T	YS	YW	YL	BS	BW	BL
1/2"	90	9.6	11.2	30	34.9	21.3	16	14	46	16	22.2	15.8	22.9
3/4"	100	11.2	12.7	38	42.9	26.7	16	14	51	16	27.7	20.9	28.2
1"	110	12.7	14.3	49	50.8	33.4	17	16	54	17	34.5	26.6	34.9
1 1/4"	115	14.3	15.9	59	63.5	42.2	21	19	56	21	43.2	35.1	43.7
1 1/2"	125	15.9	17.5	65	73.0	48.3	22	21	60	22	49.5	40.9	50.0
2"	150	17.5	19.1	78	92.1	60.3	25	24	62	25	61.9	52.5	62.5
2 1/2"	180	20.7	22.3	90	104.8	73.0	29	27	68	29	74.6	62.7	75.4
3"	190	22.3	23.9	108	127.0	88.9	30	29	68	30	90.7	77.9	91.4
4"	230	22.3	23.9	135	157.2	114.3	33	32	75	33	116.1	102.3	116.8
5"	255	22.3	23.9	164	185.7	141.3	36	35	87	36	143.8	128.2	144.4
6"	280	23.9	25.4	192	215.9	168.3	40	38	87	40	170.7	154.1	171.4
8"	345	27.0	28.6	246	269.9	219.1	44	43	100	44	221.5	202.7	222.2
10"	405	28.6	30.2	305	323.8	273.0	49	48	100	49	276.2	254.6	277.4
12"	485	30.2	31.8	365	381.0	323.8	56	54	113	56	327.0	304.8	328.2
14"	535	33.4	35.0	400	412.8	355.6	57	56	125	79	359.2	336.6	360.2
16"	595	35.0	36.6	457	469.9	406.4	64	62	125	87	410.5	387.4	411.2
18"	635	38.1	39.7	505	533.4	457.0	68	67	138	97	461.8	438.2	462.3
20"	700	41.3	42.9	559	584.2	508.0	73	71	143	103	513.1	489.0	514.4
24"	815	46.1	47.7	663	692.2	610.0	83	81	151	111	616.0	590.6	616.0

ANSI FLANGES 150LB. 美標150LB法蘭

ASME B16.5-2009 FLANGES

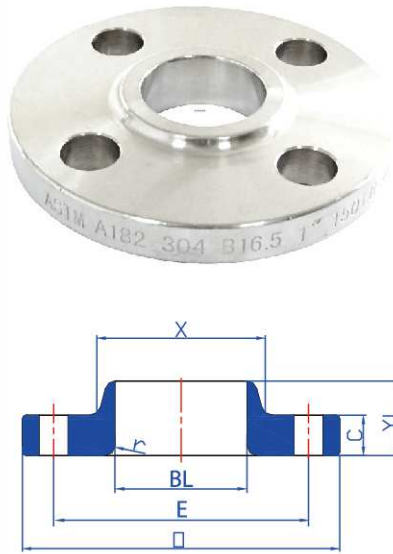
帶頸對焊法蘭

WELDING NECK



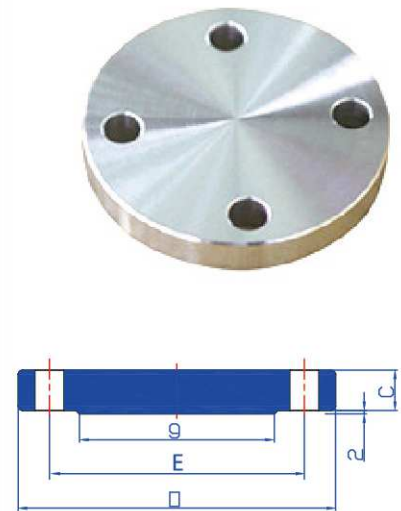
對焊鬆套法蘭

LAP JOINT



法蘭蓋

BLIND



unit:mm

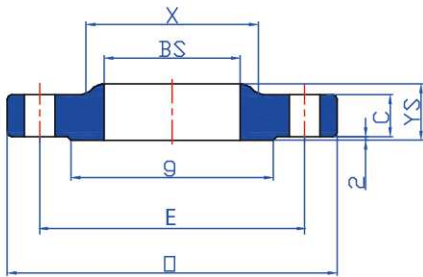
h	r	D	Q	E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	kg/pc			Nominal Size
								SO	WN	BL	
9	3	10.0	23.6	60.3	4	1/2"	5/8	0.4	0.5	0.4	1/2"
9	3	11.0	29.0	69.9	4	1/2"	5/8	0.6	0.7	0.6	3/4"
9	3	13.0	35.8	79.4	4	1/2"	5/8	0.8	1.1	0.9	1"
9	5	14.0	44.5	88.9	4	1/2"	5/8	1.0	1.3	1.1	1 1/4"
9	6	16.0	50.5	98.4	4	1/2"	5/8	1.3	1.7	1.5	1 1/2"
9	8	17.0	63.5	120.7	4	5/8"	3/4	2.0	2.5	2.4	2"
12	8	19.0	76.2	139.7	4	5/8"	3/4	3.4	4.2	4.1	2 1/2"
12	10	21.0	92.2	152.4	4	5/8"	3/4	3.9	4.9	4.9	3"
14	11	23.8	117.6	190.5	8	5/8"	3/4	5.4	7.0	7.1	4"
16	11	23.8	144.5	215.9	8	3/4"	7/8	6.2	8.7	8.8	5"
18	13	27.0	171.5	241.3	8	3/4"	7/8	7.5	10.6	11.5	6"
20	13	31.8	222.3	298.5	8	3/4"	7/8	12.3	17.7	19.9	8"
20	13	33.3	276.4	362.0	12	7/8"	1	16.4	23.6	28.7	10"
25	13	39.7	328.7	431.8	12	7/8"	1	26.6	36.5	43.9	12"
25	13	41.3	360.4	476.3	12	1"	1 1/8	35	48.2	58.6	14"
25	13	44.5	411.2	539.8	16	1"	1 1/8	44.3	58.6	75.8	16"
30	13	49.2	462.0	577.9	16	1 1/8"	1 1/4	48.8	66.7	93.8	18"
30	13	54.0	512.8	635.0	20	1 1/8"	1 1/4	62.2	83.2	123	20"
30	13	63.5	614.4	749.3	20	1 1/4"	1 3/8	87.6	114	186.5	24"

ANSI FLANGES 300LB. 美標300LB法蘭

ASME B16.5-2009 FLANGES

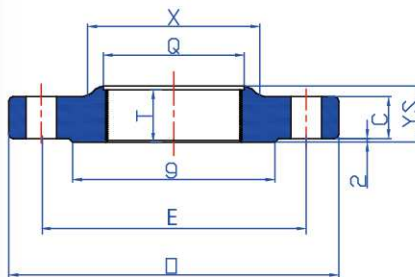
帶頸平焊法蘭

SLIP-ON



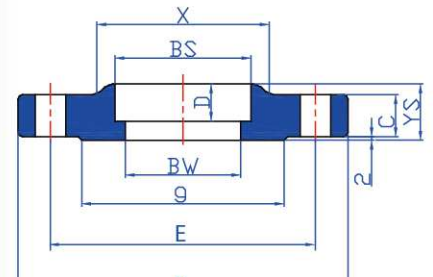
螺紋法蘭

SCREWED



承插焊法蘭

SOCKET WELDING



尺寸表 DIMENSIONS:

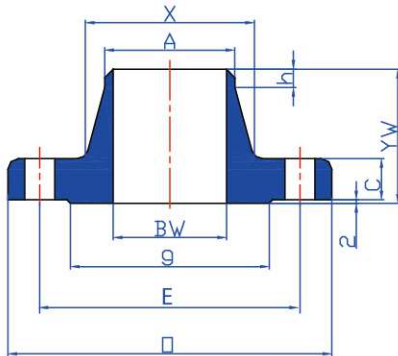
Nominal Size	O	C	C(LJ)	X	g	A	T	YS	YW	YL	BS	BW	BL
1/2"	95	12.7	14.3	38	34.9	21.3	16	21	51	22	22.2	15.8	22.9
3/4"	115	14.3	15.9	48	42.9	26.7	16	24	56	25	27.7	20.9	28.2
1"	125	15.9	17.5	54	50.8	33.4	18	25	60	27	34.5	26.6	34.9
1 1/4"	135	17.5	19.1	64	63.5	42.2	21	25	64	27	43.2	35.1	43.7
1 1/2"	155	19.1	20.7	70	73.0	48.3	23	29	67	30	49.5	40.9	50.0
2"	165	20.7	22.3	84	92.1	60.3	29	32	68	33	61.9	52.5	62.5
2 1/2"	190	23.9	25.4	100	104.8	73.0	32	37	75	38	74.6	62.7	75.4
3"	210	27.0	28.6	117	127.0	88.9	32	41	78	43	90.7	77.9	91.4
4"	255	30.2	31.8	146	157.2	114.3	37	46	84	48	116.1	102.3	116.8
5"	280	33.4	35.0	178	185.7	141.3	43	49	97	51	143.8	128.2	144.4
6"	320	35.0	36.6	206	215.9	168.3	47	51	97	52	170.7	154.1	171.4
8"	380	39.7	41.3	260	269.9	219.1	51	60	110	62	221.5	202.7	222.2
10"	445	46.1	47.7	321	323.8	273.0	56	65	116	95	276.2	254.6	277.4
12"	520	49.3	50.8	375	381.0	323.8	61	71	129	102	327.0	304.8	328.2
14"	585	52.4	54.0	425	412.8	355.6	64	75	141	111	359.2	336.6	360.2
16"	650	55.6	57.2	483	469.9	406.4	69	81	144	121	410.5	387.4	411.2
18"	710	58.8	60.4	533	533.4	457.0	70	87	157	130	461.8	438.2	462.3
20"	775	62.0	63.5	587	584.2	508.0	74	94	160	140	513.1	489.0	514.4
24"	915	68.3	69.9	702	692.2	610.0	83	105	167	152	616.0	590.6	616.0

ANSI FLANGES 300LB. 美標300LB法蘭

ASME B16.5-2009 FLANGES

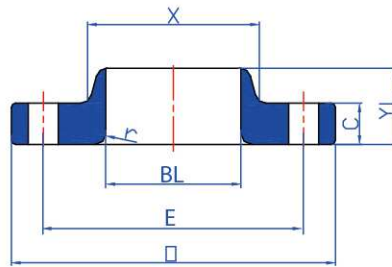
帶頸對焊法蘭

WELDING NECK



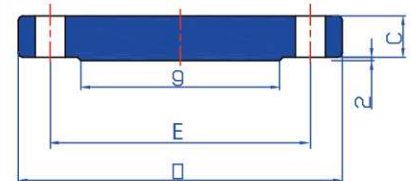
對焊鬆套法蘭

LAP JOINT



法蘭蓋

BLIND



unit:mm

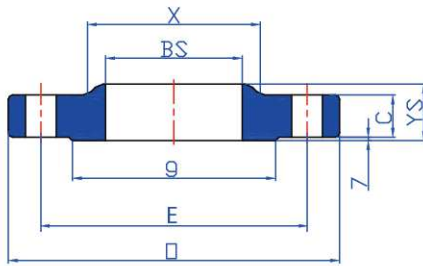
h	r	D	Q	E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	kg/pc			Nominal Size
								SO	WN	BL	
9	3	10.0	23.6	66.7	4	1/2"	15.9	0.6	0.8	0.6	1/2"
9	3	11.0	29.0	82.6	4	5/8"	19.1	1.1	1.2	1.1	3/4"
9	3	13.0	35.8	88.9	4	5/8"	19.1	1.4	1.6	1.4	1"
9	5	14.0	44.5	98.4	4	5/8"	19.1	1.7	2.1	1.9	1 1/4"
9	6	16.0	50.5	114.3	4	3/4"	22.2	2.5	2.9	2.7	1 1/2"
9	8	17.0	63.5	127.0	8	5/8"	19.1	2.9	3.4	3.2	2"
12	8	19.0	76.2	149.2	8	3/4"	22.2	4.3	5.2	4.9	2 1/2"
12	10	21.0	92.2	168.3	8	3/4"	22.2	5.9	7.2	6.8	3"
14	11	23.8	117.6	200.0	8	3/4"	22.2	9.7	11.4	11.6	4"
16	11	23.8	144.5	235.0	8	3/4"	22.2	12.2	15.1	15.7	5"
18	13	27.0	171.5	269.9	12	3/4"	22.2	16	19.5	21.3	6"
20	13	31.8	222.3	330.2	12	7/8"	25.4	23.9	29.5	34.1	8"
20	13	33.3	276.4	387.4	16	1"	28.6	34.1	47.8	53.5	10"
25	13	39.7	328.7	450.8	16	1 1/8"	31.8	49.4	61.0	78.5	12"
25	13	41.3	360.4	514.4	20	1 1/8"	31.8	69.6	85.1	105.4	14"
25	13	44.5	411.2	571.5	20	1 1/4"	34.9	88.9	106.4	138.3	16"
30	13	49.2	462.0	628.6	24	1 1/4"	34.9	107.3	128.4	174.5	18"
30	13	54.0	512.8	685.8	24	1 1/4"	34.9	133.9	156.4	221.2	20"
30	13	63.5	614.4	812.8	24	1 1/2"	41.3	201.1	227.6	338.9	24"

ANSI FLANGES 600LB. 美標600LB法蘭

ASME B16.5-2009 FLANGES

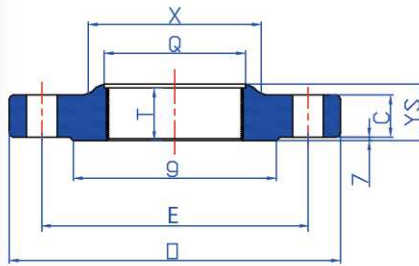
帶頸平焊法蘭

SLIP-ON



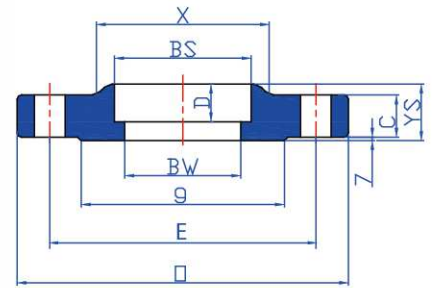
螺紋法蘭

SCREWED



承插焊法蘭

SOCKET WELDING



尺寸表 DIMENSIONS:

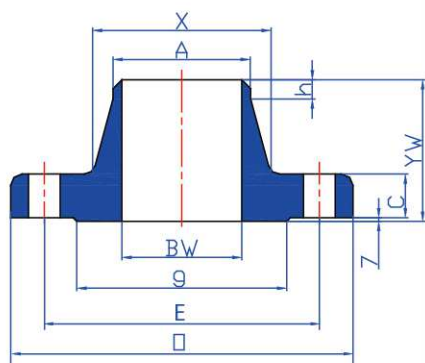
Nominal Size	O	C	X	g	A	T	YS	YW	YL	BS	BW	BL
1/2"	95	14.3	38	34.9	21.3	16	22	52	22	22.2	14.0	22.9
3/4"	115	15.9	48	42.9	26.7	16	25	57	25	27.7	18.8	28.2
1"	125	17.5	54	50.8	33.4	18	27	62	27	34.5	24.4	34.9
1 1/4"	135	20.7	64	63.5	42.2	21	29	67	29	43.2	32.5	43.7
1 1/2"	155	22.3	70	73.0	48.3	23	32	70	32	49.5	38.1	50.0
2"	165	25.4	84	92.1	60.3	29	37	73	37	61.9	49.3	62.5
2 1/2"	190	28.6	100	104.8	73.0	32	41	79	41	74.6	58.9	75.4
3"	213	31.8	117	127.0	88.9	35	46	83	46	90.7	73.7	91.4
4"	275	38.1	152	157.2	114.3	42	54	102	54	116.1	97.3	116.8
5"	330	44.5	189	185.7	141.3	48	60	114	60	143.8	122.2	144.4
6"	355	47.7	222	215.9	168.3	51	67	117	67	170.7	146.3	171.4
8"	420	55.6	273	269.9	219.1	58	76	133	76	221.5	193.8	222.2
10"	510	63.5	343	323.8	273.0	66	86	152	111	276.2	247.7	277.4
12"	560	66.7	400	381.0	323.8	70	92	156	117	327.0	298.5	328.2
14"	605	69.9	432	412.8	355.6	74	94	165	127	359.2	-	360.2
16"	685	76.2	495	469.9	406.4	78	106	178	140	410.5	-	411.2
18"	745	82.6	546	533.4	457.0	80	117	184	152	461.8	-	462.3
20"	815	88.9	610	584.2	508.0	83	127	190	165	513.1	-	514.4
24"	940	101.6	718	692.2	610.0	93	140	203	184	616.0	-	616.0

ANSI FLANGES 600LB. 美標600LB法蘭

ASME B16.5-2009 FLANGES

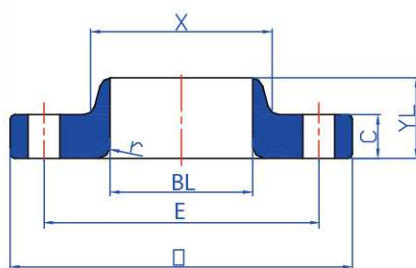
帶頸對焊法蘭

WELDING NECK



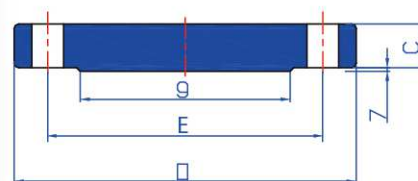
對焊鬆套法蘭

LAP JOINT



法蘭蓋

BLIND



unit:mm

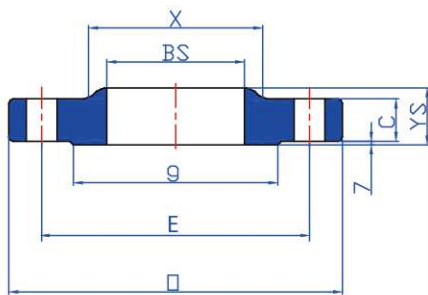
h	r	D	Q	E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	kg/pc			Nominal Size
								SO	WN	BL	
9	3	10	23.6	66.7	4	1/2"	15.9	0.8	0.9	0.9	1/2"
9	3	11	29.0	82.6	4	5/8"	19.1	1.3	1.5	1.4	3/4"
9	3	13	35.8	88.9	4	5/8"	19.1	1.5	1.8	1.8	1"
9	5	14	44.5	98.4	4	5/8"	19.1	2.0	2.5	2.6	1 1/4"
9	6	16	50.5	114.3	4	3/4"	22.2	3.0	3.5	3.6	1 1/2"
9	8	17	63.5	127.0	8	5/8"	19.1	3.6	4.4	4.5	2"
12	8	19	76.2	149.2	8	3/4"	22.2	5.2	6.3	6.8	2 1/2"
12	10	21	92.2	168.3	8	3/4"	22.2	7.0	8.6	9.1	3"
14	11	-	117.6	215.9	8	7/8"	25.4	14.6	17.5	18.6	4"
16	11	-	144.5	266.7	8	1"	28.6	28.6	31.0	30.0	5"
18	13	-	171.5	292.1	12	1"	28.6	29.6	35.3	39.0	6"
20	13	-	222.3	349.2	12	1 1/8"	31.8	44.1	53.6	63.5	8"
20	13	-	276.4	431.8	16	1 1/4"	34.9	71.9	89.1	104.2	10"
25	13	-	328.7	489.0	20	1 1/4"	34.9	95.4	110.2	133.8	12"
25	13	-	360.4	527.0	20	1 3/8"	38.1	98.7	126.9	161.1	14"
25	13	-	411.2	603.2	20	1 1/2"	41.3	143.0	181.7	224.6	16"
30	13	-	462.0	654.0	20	1 5/8"	44.5	174.0	221.1	285.8	18"
30	13	-	512.8	723.9	24	1 5/8"	44.5	222.0	278.2	367.4	20"
30	13	-	614.4	838.2	24	1 7/8"	50.8	312.2	399.4	566.7	24"

ANSI FLANGES 900LB. 美標900LB法蘭

ASME B16.5-2009 FLANGES

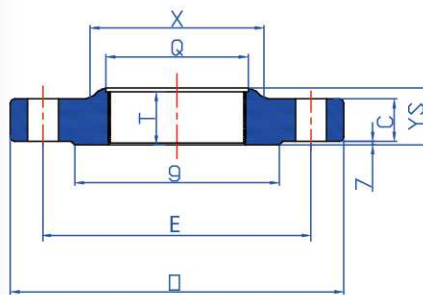
帶頸平焊法蘭

SLIP-ON



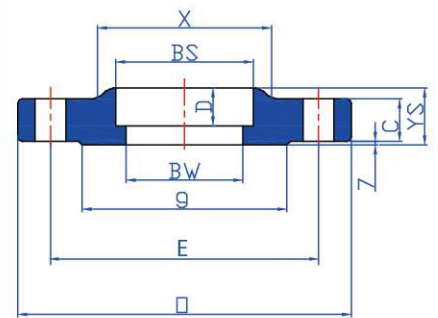
螺紋法蘭

SCREWED



承插焊法蘭

SOCKET WELDING



尺寸表 DIMENSIONS:

Nominal Size	O	C	X	g	A	T	YS	YW	YL	BS	BW	BL
1/2"	120	22.3	38	34.9	21.3	23	32	60	32	22.2		22.9
3/4"	130	25.4	44	42.9	26.7	26	35	70	35	27.7		28.2
1"	150	28.6	52	50.8	33.4	29	41	73	41	34.5		34.9
1 1/4"	160	28.6	64	63.5	42.2	31	41	73	41	43.2		43.7
1 1/2"	180	31.8	70	73.0	48.3	32	44	83	44	49.5		50.0
2"	215	38.1	105	92.1	60.3	39	57	102	57	61.9		62.5
2 1/2"	245	41.3	124	104.8	73.0	48	64	105	64	74.6		75.4
3"	240	38.1	127	127.0	88.9	42	54	102	54	90.7		91.4
4"	290	44.5	159	157.2	114.3	48	70	114	70	116.1		116.8
5"	350	50.8	190	185.7	141.3	54	79	127	79	143.8		144.4
6"	380	55.6	235	215.9	168.3	58	86	140	86	170.7		171.4
8"	470	63.5	298	269.9	219.1	64	102	162	114	221.5		222.2
10"	545	69.9	368	323.8	273.0	72	108	184	127	276.2		277.4
12"	610	79.4	419	381.0	323.8	77	117	200	143	327.0		328.2
14"	640	85.8	451	412.8	355.6	83	130	213	156	359.2		360.2
16"	705	88.9	508	469.9	406.4	86	133	216	165	410.5		411.2
18"	785	101.6	565	533.4	457.0	89	152	229	190	461.8		462.3
20"	855	108.0	622	584.2	508.0	93	159	248	210	513.1		514.4
24"	1040	139.7	749	692.2	610.0	102	203	292	267	616.0		616.0

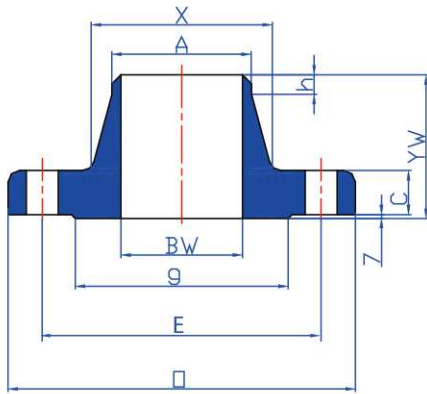
To be specified by purchaser

ANSI FLANGES 900LB. 美標900LB法蘭

ASME B16.5-2009 FLANGES

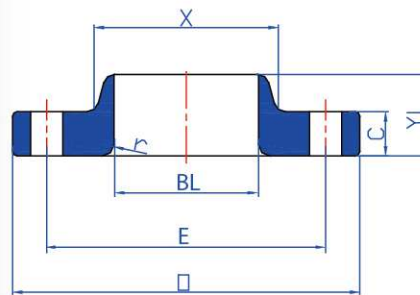
帶頸對焊法蘭

WELDING NECK



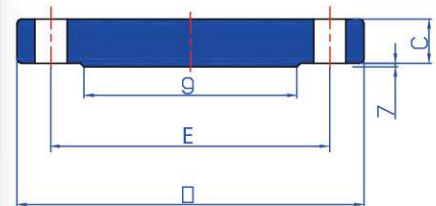
對焊鬆套法蘭

LAP JOINT



法蘭蓋

BLIND



unit:mm

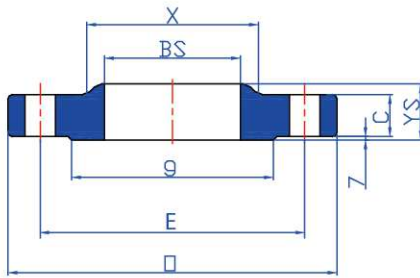
h	r	D	Q	E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	kg/pc			Nominal Size
								SO	WN	BL	
9	3	10	23.6	82.6	4	3/4"	22.2	1.8	1.9	1.8	1/2"
9	3	11	29.0	88.9	4	3/4"	22.2	2.3	3.1	2.7	3/4"
9	3	13	35.8	101.6	4	7/8"	25.4	3.4	3.8	3.6	1"
9	5	14	44.5	111.1	4	7/8"	25.4	4.0	4.4	4.7	1 1/4"
9	6	16	50.6	123.8	4	1"	28.6	5.4	6.0	5.9	1 1/2"
9	8	17	63.5	165.1	8	7/8"	25.4	10.0	11.0	11.3	2"
12	8	19	76.2	190.5	8	1"	28.6	13.6	15.2	15.9	2 1/2"
12	10	-	92.2	190.5	8	7/8"	25.4	11.7	13.9	13.2	3"
14	11	-	117.6	235.0	8	1 1/8"	31.8	19.9	22.8	24.5	4"
18	11	-	144.5	279.4	8	1 1/4"	34.9	37.0	39.0	40.0	5"
18	13	-	171.5	317.5	12	1 1/8"	31.8	41.8	48.4	52.2	6"
22	13	-	222.3	393.7	12	1 3/8"	38.1	72.3	83.3	90.7	8"
24	13	-	276.4	469.9	16	1 3/8"	38.1	102.7	123.8	131.5	10"
28	13	-	328.7	533.4	20	1 3/8"	38.1	136.7	166.9	188.3	12"
30	13	-	360.4	558.8	20	1 1/2"	41.3	153.9	189.3	235.9	14"
34	13	-	411.2	616.0	20	1 5/8"	44.5	184.8	234.7	272.2	16"
36	13	-	462.0	685.8	20	1 7/8"	50.8	261.2	318.9	385.6	18"
42	13	-	512.8	749.3	20	2"	54.0	317.9	399.9	487.6	20"
48	13	-	614.4	901.7	20	2 1/2"	66.7	607.7	730.5	918.3	24"

ANSI FLANGES 1500LB. 美標1500LB法蘭

ASME B16.5-2009 FLANGES

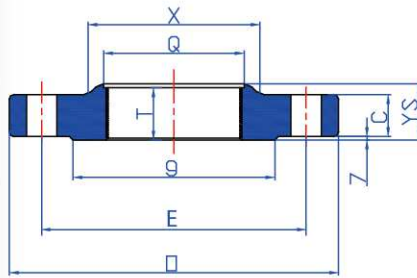
帶頸平焊法蘭

SLIP-ON



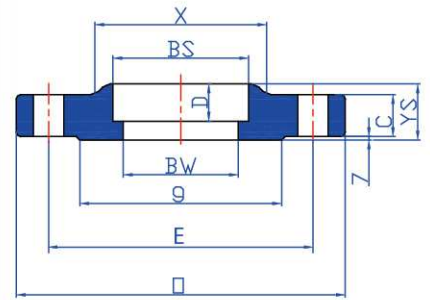
螺紋法蘭

SCREWED



承插焊法蘭

SOCKET WELDING



尺寸表 DIMENSIONS:

Nominal Size	O	C	X	g	A	T	YS	YW	YL	BS	BW	BL
1/2"	120	22.3	38	34.9	21.3	22.2	32.0	60	32	22.2		22.9
3/4"	130	25.4	44	42.9	26.7	25.4	35.0	70	35	27.7		28.2
1"	150	28.6	52	50.8	33.4	28.6	41.0	73	41	34.5		34.9
1 1/4"	160	28.6	64	63.5	42.2	30.2	41.0	73	41	43.2		43.7
1 1/2"	180	31.8	70	73.0	48.3	31.8	44.0	83	44	49.5		50.0
2"	215	38.1	105	92.1	60.3	38.1	57.0	102	57	61.9		62.5
2 1/2"	245	41.3	124	104.8	73.0	47.6	64.0	105	64	74.6		75.4
3"	265	47.7	133	127.0	88.9	50.8	73.0	117	73	90.7		91.4
4"	310	54.0	162	157.2	114.3	57.2	91.5	124	90	116.1		116.8
5"	375	73.1	197	185.7	141.3	63.5	104.8	156	105	143.8		144.4
6"	395	82.6	229	215.9	168.3	69.9	119.1	171	119	170.7		171.4
8"	485	92.1	292	269.9	219.1	76.2	142.9	213	143	221.5		222.2
10"	585	108.0	368	323.8	273.0	84.1	158.8	254	178	276.2		277.4
12"	675	123.9	451	381.0	323.8	92.1	181.0	283	219	327.0		328.2
14"	750	133.4	495	412.8	355.6	-	-	298	241	359.2		360.2
16"	825	146.1	552	469.9	406.4	-	-	311	260	410.5		411.2
18"	915	162.0	597	533.4	457.0	-	-	327	276	461.8		462.3
20"	985	177.8	641	584.2	508.0	-	-	356	292	513.1		514.4
24"	1170	203.2	762	692.2	610.0	-	-	406	330	616.0		616.0

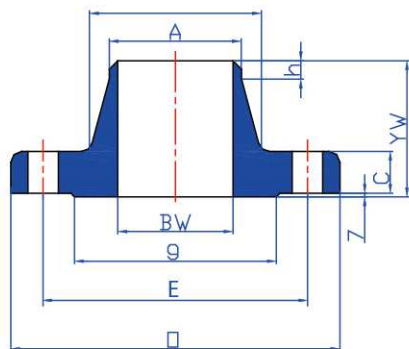
To be specified by purchaser

ANSI FLANGES 1500LB. 美標1500LB法蘭

ASME B16.5-2009 FLANGES

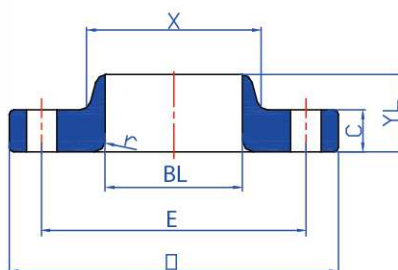
帶頸對焊法蘭

WELDING NECK



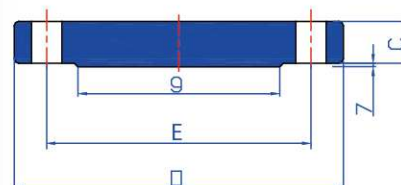
對焊鬆套法蘭

LAP JOINT



法蘭蓋

BLIND



unit:mm

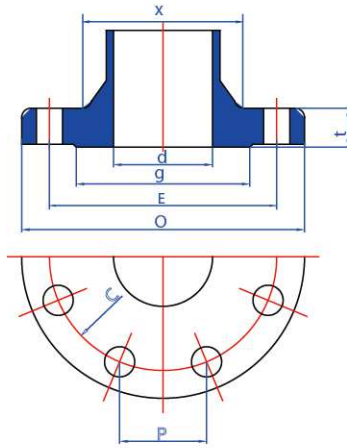
h	r	D	Q	E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	kg/pc			Nominal Size
								SO	WN	BL	
9	3	10	23.6	82.6	4	3/4"	22.2	1.8	1.9	1.8	1/2"
9	3	11	29.0	88.9	4	3/4"	22.2	2.3	3.1	2.7	3/4"
9	3	13	35.8	101.6	4	7/8"	25.4	3.4	3.8	3.6	1"
9	5	14	44.5	111.1	4	7/8"	25.4	4.0	4.4	4.7	1 1/4"
9	6	16	50.5	123.8	4	1"	28.6	5.4	6.0	5.9	1 1/2"
9	8	17	63.5	165.1	8	7/8"	25.4	10.0	11.0	11.3	2"
12	8	19	76.2	190.5	8	1"	28.6	13.6	15.2	15.9	2 1/2"
12	10	-	92.2	203.2	8	1 1/8"	31.8	18.0	20.1	21.8	3"
14	11	-	117.6	241.3	8	1 1/4"	34.9	27.8	30.0	33.1	4"
18	11	-	144.5	292.1	8	1 1/2"	41.3	59.0	60.0	64.0	5"
18	13	-	171.5	317.5	12	1 3/8"	38.1	62.2	69.0	72.6	6"
22	13	-	222.3	393.7	12	1 5/8"	44.5	104.5	118.4	136.1	8"
24	13	-	276.4	482.6	12	1 7/8"	50.8	178.6	208.2	231.3	10"
28	13	-	328.7	571.5	16	2"	54.0	267.8	312.1	313.0	12"
30	13	-	360.4	635.0	16	2 1/4"	60.3	-	406.5	442.3	14"
34	13	-	411.2	704.8	16	2 1/2"	66.7	-	525.0	589.7	16"
36	13	-	462.0	774.7	16	2 3/4"	73.0	-	687.2	793.7	18"
42	13	-	512.8	831.8	16	3"	79.4	-	852.6	1009.3	20"
48	13	-	614.4	990.6	16	3 1/2"	92.1	-	1366.8	1644.3	24"

ASME B16.5 FLANGES TOLERANCE

美標法蘭標準

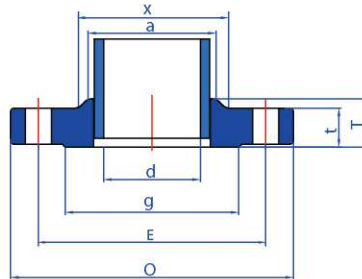
帶頸平焊法蘭

SOLID FLANGE



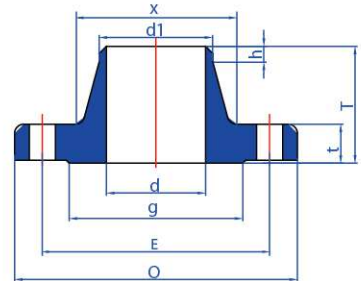
帶頸平焊法蘭

SLIP-ON



帶頸對焊法蘭

WELDING NECK



Outside Diameter	When O.D. is 24" or less	±1.6MM
	When O.D. is Over 24"	±3.2MM
Inside Diameter	Threaded	Whitin limits on boring gauge
	Socket-Welding Slip-on and Lapjoint	10" & Smaller
		+ 0.8MM - 0
		12" & Larger
Outside Diameter of Hub	5" and Smaller	+ 1.6MM - 0
		+ 2.4MM
	6" and Larger	- 0.8MM
		+ 4MM
Diameter of Contact Face	1/16" Raised Face	- 0.8MM
	1/4" Raised Face Tongue & Groove Male, Female	+ 0.8MM
Diameter of Counterbore	Same as for Inside Diameter	
Drilling	Bolt Circle	±0.4MM
	Bolt Hole Spacing	±1.6MM
	Eccentricity of Bolt Circle with Respect to Facing	±0.8MM
		2 1/2" & Smaller
		0.8MM Max
		3" & Larger
		1.6MM Max
Thickness	Eccentricity of Bolt Circle with Respect to Bore	0.8MM Max
	Eccentricity of Facing with Respect to Bore	0.8MM Max
Length Thru Hub	18" & Smaller	+3 MM - 0
	20" & Larger	+5 MM - 0
Length Thru Hub	10" & Smaller	±1.6MM
	12" & Larger	±3.2MM

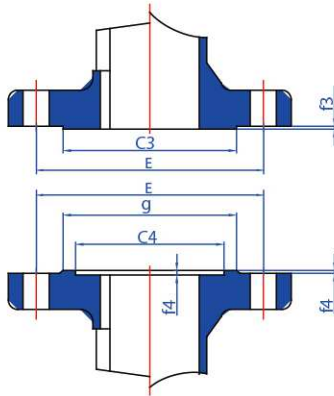
THREAD, SOCKET-WELDING, SLIP-ON, LAP JOINT AND BLIND

ASME B16.5 FLANGES TOLERANCE

美標法蘭標準

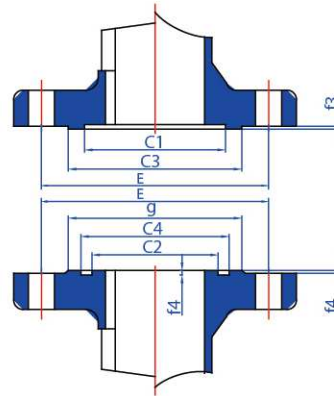
凹凸式

MALE & FEMALE TYPE



榑槽式

TONGUE & GROOVE TYPE



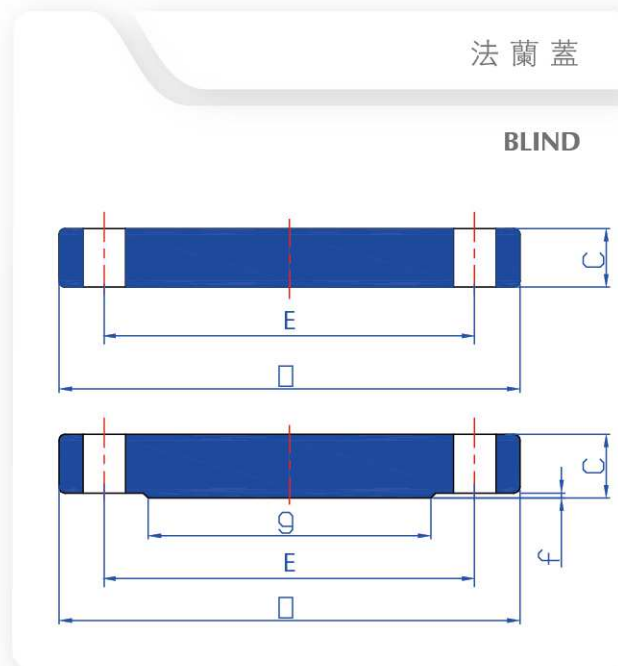
Outside Diameter	When O.D.is 24" or less	±1.6MM
	When O.D.is Over 24"	±3.2MM
Inside Diameter	10" & Smaller	±0.8MM
	20" thru 18"	±1.6MM
	20" & Larger	±3.2MM - 1.6MM
Diameter of Contact Face	1/16" Raised Face	±0.8MM
	1/4" Raised Face Tongue & Groove Male,Female	±0.4MM
Diameter of Hub at Base	When Hub Base is 24" or smaller	±1.6MM
	When Hub Base is over 24"	±3.2MM
Diameter of Hub at	5"and Smaller	+ 2.4MM
		- 0.8MM
Point of welding	6"and Larger	+ 4MM
		- 0.8MM
Drilling	Bolt Circel	±1.6MM
	Bolt Hole Spacing	±0.8MM
	Eccentricity of Bolt Circle with Respect to Facing	21/2"& Smaller
		0.8MM Max
		3"& Larger
		1.6MM Max
	Eccentricity of Bolt Circle with Respect to Bore	0.8MM Max
	Eccentricity of Facing with Respect to Bore	0.8MM Max
Thickness	18" & Smaller	+3.2MM-0
	20" & Larger	+4.8MM-0
Length Thru Hub	10" & Smaller	±1.6MM
	12" & Larger	±3.2MM

WELDING NECK

JIS FLANGES 5K

日標5K法蘭

JIS B 2220:2004



尺寸表 DIMENSIONS:

Nominal Size		O	C	X	g	YS	BS	f	r
10	3/8"	75	9	26.0	42	13.0	17.8	1	4
15	1/2"	80	9	30.0	44	13.0	22.2	1	4
20	3/4"	85	10	36.0	49	15.0	27.7	1	4
25	1"	95	10	44.0	59	17.0	34.5	1	4
32	1 1/4"	115	12	53.0	70	19.0	43.2	2	4
40	1 1/2"	120	12	60.0	75	20.0	49.1	2	4
50	2"	130	14	73.0	85	24.0	61.1	2	4
65	2 1/2"	155	14	91.0	110	27.0	77.1	2	4
80	3"	180	14	105.0	121	30.0	90.0	2	4
100	4"	200	16	130.0	141	36.0	115.4	2	4
125	5"	235	16	161.0	176	40.0	141.2	2	4
150	6"	265	18	189.0	206	40.0	166.6	2	4
200	8"	320	20	-	252	-	218.0	2	4
250	10"	385	22	290	317	32	269.5	2	5
300	12"	430	22	342	360	34	321.0	3	5
350	14"	480	24	382	403	36	358.1	3	5
400	16"	540	24	436	463	36	409.0	3	5
450	18"	605	24	500	523	40	460.0	3	5
500	20"	655	24	552	573	40	511.0	3	5
550	22"	720	26	603	630	42	562.0	3	5
600	24"	770	26	654	680	44	613.0	3	5

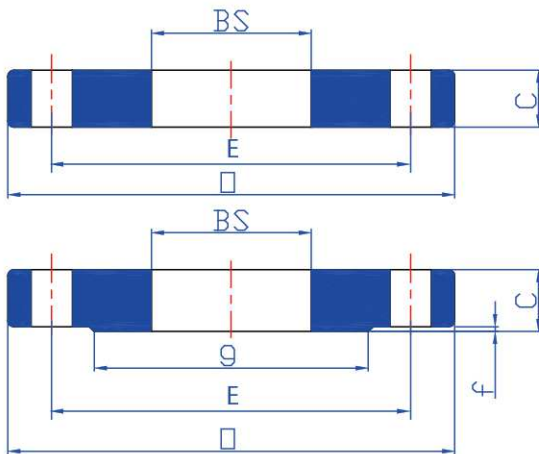
JIS FLANGES 5K

日標5K法蘭

JIS B 2220:2004

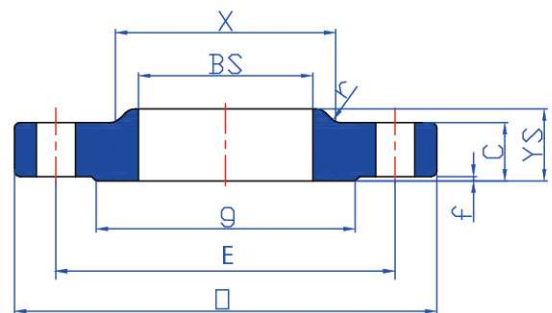
板式平焊法蘭

PLATE



帶頸平焊法蘭

SLIP-ON



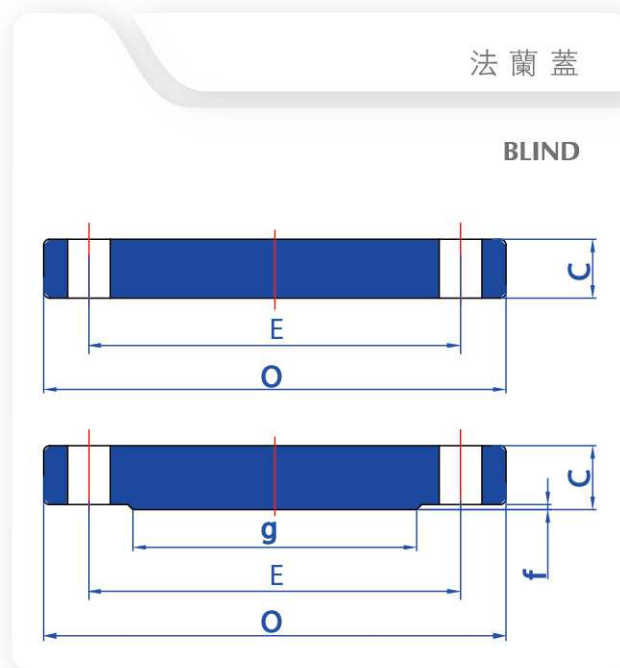
unit:mm

E	Number of Bolts	Diameter of Bolts	Diameter of BoltHoles	kg/pc			Nominal Size	
				PL	SO	BL		
55	4	M10	12	0.3	-	0.3	10	3/8"
60	4	M10	12	0.3	-	0.3	15	1/2"
65	4	M10	12	0.3	-	0.4	20	3/4"
75	4	M10	12	0.4	-	0.5	25	1"
90	4	M12	15	0.7	-	0.8	32	1 1/4"
95	4	M12	15	0.7	-	0.9	40	1 1/2"
105	4	M12	15	1.0	-	1.3	50	2"
130	4	M12	15	1.4	-	1.9	65	2 1/2"
145	4	M16	19	1.8	-	2.5	80	3"
165	8	M16	19	2.1	-	3.5	100	4"
200	8	M16	19	2.9	-	4.9	125	5"
230	8	M16	19	4.1	-	7.2	150	6"
280	8	M20	23	5.8	-	11.7	200	8"
345	12	M20	23	8.9	10.1	18.7	250	10"
390	12	M20	23	9.4	11.3	23.3	300	12"
435	12	M22	25	12.9	14.0	31.9	350	14"
495	16	M22	25	15.7	18.3	40.5	400	16"
555	16	M22	25	19.9	23.4	51.2	450	18"
605	20	M22	25	21.4	25.4	60	500	20"
665	20	M24	27	28.2	32.6	78.8	550	22"
715	20	M24	27	30.4	35.7	90.6	600	24"

JIS FLANGES 10K

日標10K法蘭

JIS B 2220:2004



尺 寸 表 DIMENSIONS:

Nominal Size		O	C	X	g	YS	BS	f	r
10	3/8"	90	12	26	46	16	17.8	1	4
15	1/2"	95	12	30	51	16	22.2	1	4
20	3/4"	100	14	36	56	20	27.7	1	4
25	1"	125	14	44	67	20	34.5	1	4
32	1 1/4"	135	16	53	76	22	43.2	2	4
40	1 1/2"	140	16	60	81	24	49.1	2	4
50	2"	155	16	73	96	24	61.1	2	4
65	2 1/2"	175	18	91	116	27	77.1	2	4
80	3"	185	18	105	126	30	90.0	2	4
100	4"	210	18	130	151	36	115.4	2	4
125	5"	250	20	161	182	40	141.2	2	4
150	6"	280	22	189	212	40	166.6	2	4
200	8"	330	22	238	262	32	218.0	2	6
250	10"	400	24	292	324	36	269.5	2	6
300	12"	445	24	346	368	38	321.0	3	6
350	14"	490	26	386	413	42	358.1	3	6
400	16"	560	28	442	475	44	409	3	6
450	18"	620	30	502	530	48	460	3	6
500	20"	675	30	554	585	48	511	3	6
550	22"	745	32/34(BL)	610	640	52	562	3	6
600	24"	795	32/36(BL)	662	690	52	613	3	6

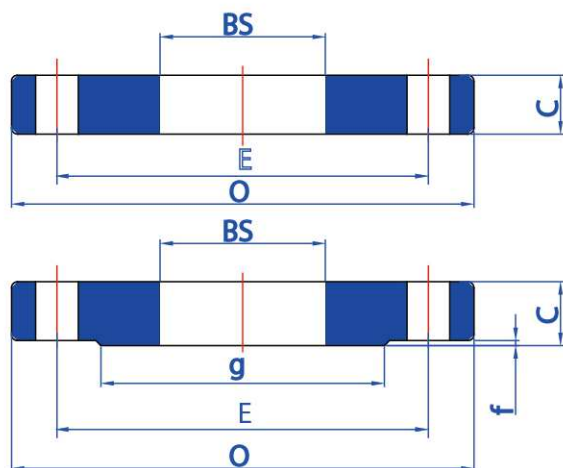
JIS FLANGES 10K

日標10K法蘭

JIS B 2220:2004

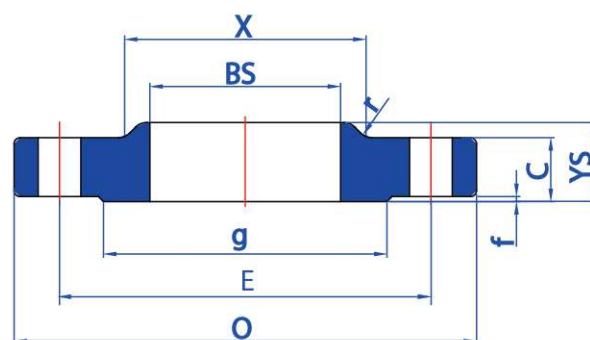
板式平焊法蘭

PLATE



帶頸平焊法蘭

SLIP-ON



unit:mm

E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	kg/pc			Nominal Size	
				PL	SO	BL		
65	4	M12	15	0.5	-	0.6	10	3/8"
70	4	M12	15	0.5	-	0.6	15	1/2"
75	4	M12	15	0.7	-	0.8	20	3/4"
90	4	M16	19	1.1	-	1.2	25	1"
100	4	M16	19	1.3	-	1.5	32	1 1/4"
105	4	M16	19	1.4	-	1.7	40	1 1/2"
120	4	M16	19	1.7	-	2.1	50	2"
140	4	M16	19	2.4	-	3.1	65	2 1/2"
150	8	M16	19	2.4	-	3.3	80	3"
175	8	M16	19	2.9	-	4.4	100	4"
210	8	M20	23	4.4	-	6.9	125	5"
240	8	M20	23	5.9	-	9.7	150	6"
290	12	M20	23	7.1	7.6	13.5	200	8"
355	12	M22	25	11.2	12.1	22	250	10"
400	16	M22	25	11.6	12.9	26.9	300	12"
445	16	M22	25	15.3	17.1	35.8	350	14"
510	16	M24	27	21.9	24.4	50.7	400	16"
565	20	M24	27	27.7	31.8	66.8	450	18"
620	20	M24	27	31.5	36.2	79.8	500	20"
680	20	M30	33	40.7	47.1	109.5	550	22"
730	24	M30	33	43.1	50.3	132.1	600	24"

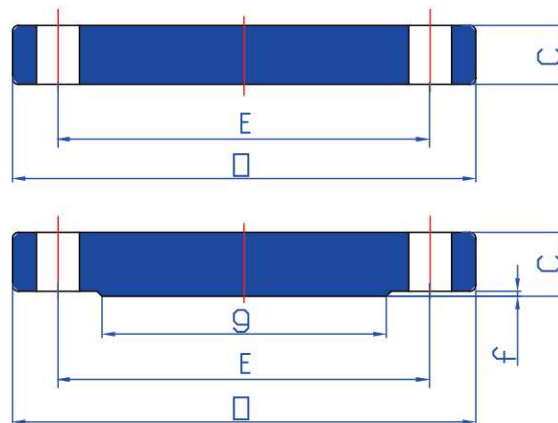
JIS FLANGES 16K

日標16K法蘭

JIS B 2220:2004

法 蘭 蓋

BLIND



尺 寸 表 DIMENSIONS:

Nominal Size		O	C	X	g	YS	BS	f	r
10	3/8"	90	12	28	46	16	17.8	1	4
15	1/2"	95	12	32	51	16	22.2	1	4
20	3/4"	100	14	42	56	20	27.7	1	4
25	1"	125	14	50	67	20	34.5	1	4
32	1 1/4"	135	16	60	76	22	43.2	2	5
40	1 1/2"	140	16	66	81	24	49.1	2	5
50	2"	155	16	80	96	24	61.1	2	5
65	2 1/2"	175	18	98	116	26	77.1	2	5
80	3"	200	20	112	132	28	90.0	2	5
100	4"	225	22	138	160	30	115.4	2	6
125	5"	270	22	170	195	34	141.2	2	6
150	6"	305	24	202	230	38	166.6	2	6
200	8"	350	26	252	275	40	218.0	2	6
250	10"	430	28	312	345	44	269.5	2	6
300	12"	480	30	364	395	48	321.0	3	8
350	14"	540	34	408	440	52	358.1	3	8
400	16"	605	38	456	495	60	409.0	3	10
450	18"	675	40	514	560	64	460.0	3	10
500	20"	730	42	568	615	68	511.0	3	10
550	22"	795	44	622	670	70	562.0	3	10
600	24"	845	46	676	720	74	613.0	3	10

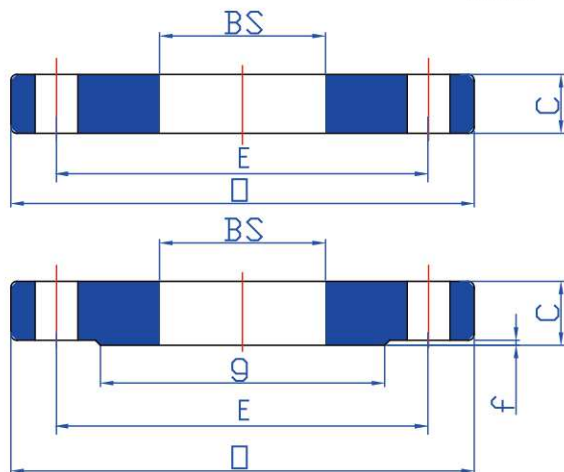
JIS FLANGES 16K

日標16K法蘭

JIS B 2220:2004

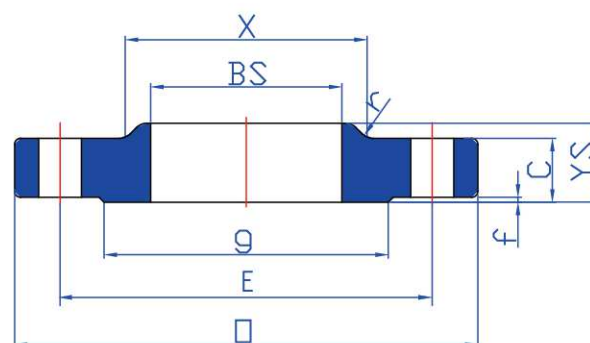
板式平焊法蘭

PLATE



帶頸平焊法蘭

SLIP-ON



unit:mm

E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	kg/pc			Nominal Size	
				PL	SO	BL		
65	4	M12	15	0.5	0.5	0.6	10	3/8"
70	4	M12	15	0.5	0.5	0.6	15	1/2"
75	4	M12	15	0.7	0.7	0.8	20	3/4"
90	4	M16	19	1.1	1.1	1.2	25	1"
100	4	M16	19	1.3	1.4	1.5	32	1 1/4"
105	4	M16	19	1.4	1.5	1.7	40	1 1/2"
120	8	M16	19	1.6	1.7	1.9	50	2"
140	8	M16	19	2.3	2.4	2.9	65	2 1/2"
160	8	M20	23	3.2	3.4	4.2	80	3"
185	8	M20	23	4.2	4.5	6	100	4"
225	8	M22	25	6.1	6.7	8.9	125	5"
260	12	M22	25	8.2	9.2	12.3	150	6"
305	12	M22	25	10.3	11.6	18	200	8"
380	12	M24	27	17.2	19.4	29.7	250	10"
430	16	M24	27	20.3	23.1	39.3	300	12"
480	16	M30x3	33	29.1	32.9	56	350	14"
540	16	M30x3	33	40.6	45.5	79.8	400	16"
605	20	M30x3	33	52.6	59.6	104.8	450	18"
660	20	M30x3	33	62.3	71.3	129.9	500	20"
720	20	M36x3	39	74.7	85.1	160.4	550	22"
770	24	M36x3	39	82.7	95.5	189.2	600	24"

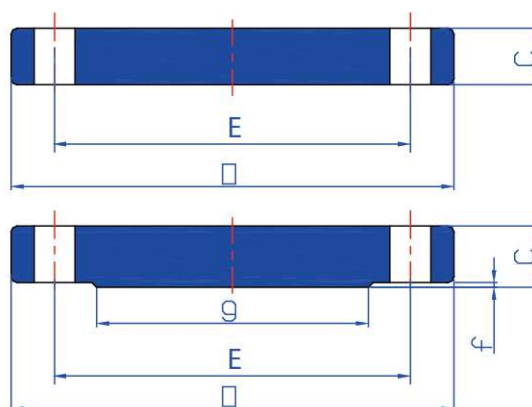
JIS FLANGES 20K

日標20K法蘭

JIS B 2220:2004

法 蘭 蓋

BLIND



尺 寸 表 DIMENSIONS:

Nominal Size		O	C	X	g	YS	BS	f	r
10	3/8"	90	14	32	46	20	17.8	1	4
15	1/2"	95	14	36	51	20	22.2	1	4
20	3/4"	100	16	42	56	22	27.7	1	4
25	1"	125	16	50	67	24	34.5	1	4
32	1 1/4"	135	18	60	76	26	43.2	2	5
40	1 1/2"	140	18	66	81	26	49.1	2	5
50	2"	155	18	80	96	26	61.1	2	5
65	2 1/2"	175	20	104	116	30	77.1	2	5
80	3"	200	22	117	132	34	90.0	2	6
100	4"	225	24	142	160	36	115.4	2	6
125	5"	270	26	172	195	40	141.2	2	6
150	6"	305	28	202	230	42	166.6	2	6
200	8"	350	30	252	275	46	218.0	2	6
250	10"	430	34	312	345	52	269.5	2	6
300	12"	480	36	364	395	56	321.0	3	8
350	14"	540	40	408	440	62	358.1	3	8
400	16"	605	46	456	495	70	409.0	3	10
450	18"	675	48	514	560	78	460.0	3	10
500	20"	730	50	568	615	84	511.0	3	10
550	22"	795	52	622	670	90	562.0	3	10
600	24"	845	54/56(BL)	676	720	96	613.0	3	10

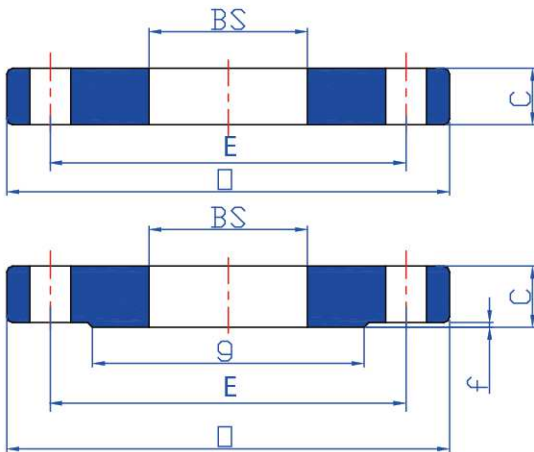
JIS FLANGES 20K

日標20K法蘭

JIS B 2220:2004

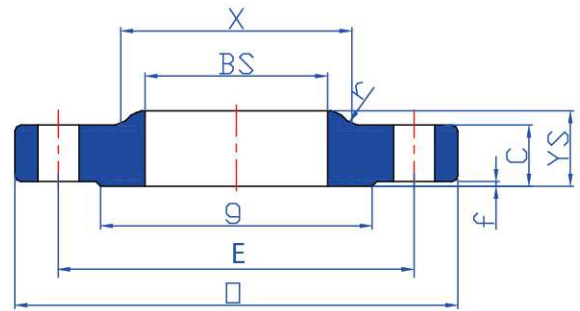
板式平焊法蘭

PLATE



帶頸平焊法蘭

SLIP-ON



unit:mm

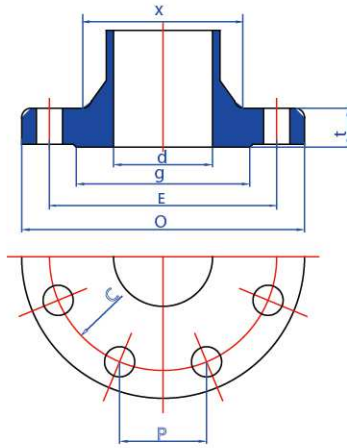
E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	kg/pc			Nominal Size	
				PL	SO	BL		
65	4	M12	15	0.6	0.6	0.6	10	3/8"
70	4	M12	15	0.6	0.7	0.7	15	1/2"
75	4	M12	15	0.8	0.8	0.9	20	3/4"
90	4	M16	19	1.2	1.3	1.3	25	1"
100	4	M16	19	1.5	1.6	1.7	32	1 1/4"
105	4	M16	19	1.6	1.7	1.9	40	1 1/2"
120	8	M16	19	1.8	1.9	2.2	50	2"
140	8	M16	19	2.5	2.8	3.3	65	2 1/2"
160	8	M20	23	3.5	3.9	4.6	80	3"
185	8	M20	23	4.6	5.1	6.6	100	4"
225	8	M22	25	7.3	8.1	10.5	125	5"
260	12	M22	25	9.6	10.6	14.4	150	6"
305	12	M22	25	12	13.4	20.8	200	8"
380	12	M24	27	21	23.5	36.2	250	10"
430	16	M24	27	24.6	27.7	47.4	300	12"
480	16	M30x3	33	34.5	39.2	66.1	350	14"
540	16	M30x3	33	49.5	54.9	97	400	16"
605	20	M30x3	33	63.6	72.4	126.2	450	18"
660	20	M30x3	33	74.6	86.3	155.1	500	20"
720	20	M36x3	39	88.2	104	190	550	22"
770	24	M36x3	39	97.6	116.8	230.9	600	24"

JIS B2203 FLANGES TOLERANCE

日標法蘭標準

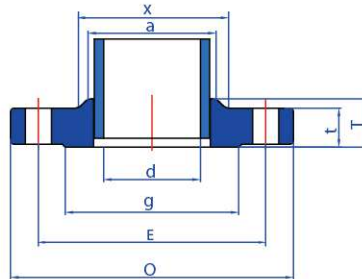
帶頸平焊法蘭

SOLID FLANGE



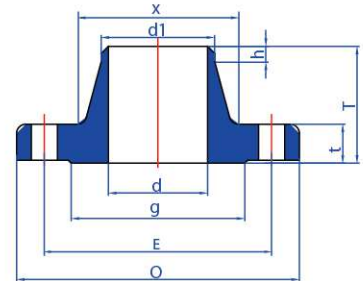
帶頸平焊法蘭

SLIP-ON



帶頸對焊法蘭

WELDING NECK



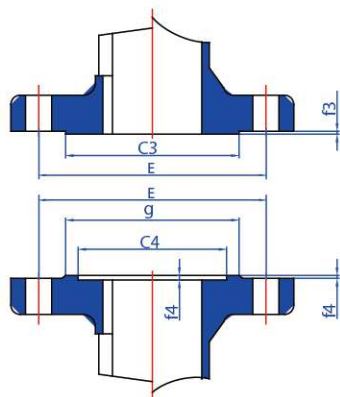
Flange Section		Surface Cendition	Basic Size	Dimensional Tolerance
Outside Dia O		As Forged	300 & below	+ Not Specified - 2.0
			over 300 thru 600	
			over 600 thru 1000	
			over 1000 thru 1500	+ Not Specified - 3.0
			over 1500	
		Finish	300 & below	±1
			over 300 thru 600	±1.5
			over 600 thru 1000	±2
			over 1000 thru 1500	±2.5
			over 1500	±3
Inside Dia	Solid Flange d	As Forged	16 & below	±1
			over 16 thru 63	±1.5
			over 63 thru 125	±2
			over 125 thru 150	±2.5
			over 250 thru 500	±3
			over 500 thru 1000	±4
			over 1000	±5
	Slip-on Flange do	Finish	100 & below	+0.5-0
			over 100 thru 400	+1-0
			over 400 thru 600	+1.5-0
			over 600 thru 800	+2-0
			over 800 thru 1000	+2.5-0
			over 1000	+3-0
			100 & below	+0-0.5
			over 100 thru 400	+0-1
			over 400 thru 600	+0-1.5
			over 600 thru 800	+0-2
			over 800 thru 1000	+0-2.5
over 1000	+0-3			
Welding Neck Flange d	250 & below		±0.5	
	over 250 thru 550		±0.6	
	over 550 thru 950		±0.8	
	over 950 thru 1350		±1	
	over 1350		±1.5	

JIS B2203 FLANGES TOLERANCE

日標法蘭標準

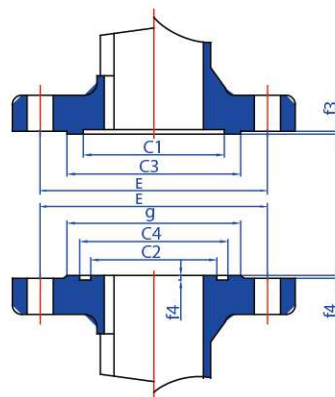
凹凸式

MALE & FEMALE TYPE



榑槽式

TONGUE & GROOVE TYPE



Flange Section		Surface Cendition	Basic Size	Dimensional Tolerance
Bolt Hole	Pitch of Hole p	Drilling Hole	-	±0.8
Dia.of Hub	Slip-on Flange(a) and Welding Neck Flange(d1)	As Forged	220 & below	+2-0
			over 220 thru 450	+3-0
			over 450 thru 650	+4-0
			over 650 thru 850	+6-0
			over 850 thru 1000	+7-0
			over 1000	+8-0
		Finish	220 & below	+1-0
			over 220 thru 450	+1.5-0
			over 450 thru 650	+2-0
			over 650 thru 850	+2.5-0
			over 850 thru 1000	+3-0
over 1000	+3.5-0			
Gasket Seat	C1.C2.C3.C4	Finish	500 & below	±0.3
			over 500 thru 1000	±0.35
			over 1000 thru 1500	±0.4
			over 1500	±0.5
	f3.f4	Finish	8 & below	±0.2
			over 8	±0.25
	g	Finish	200 & below	±0.8
			over 200 thru 650	±0.9
			over 650 thru 1000	±1
over 1000			±1.2	
Thickness t		One-side Finish	20 & below	+1.5-0
			over 20 thru 50	+2-0
			over 50 thru 100	+3-0
		Both-side Finish	20 & below	+1-0
			over 20 thru 50	+1.5-0
			over 50 thru 100	+2-0
Hub Height T	Flange with Pipe Inserted	Finish	50 & below	±1
			over 50 thru 100	±1.5
			over 100 thru 200	±2
	Flange with Butt-welded Pipe	Finish	over 200 & below	±2-0
			over 200 thru 300	±3-0

DIN FLANGES PN6

德標PN6法蘭

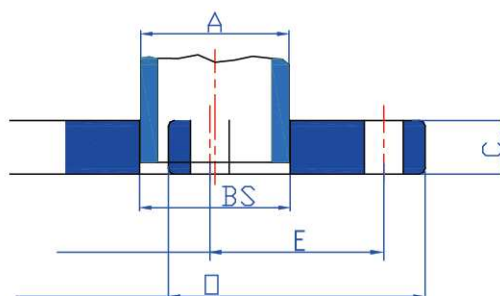
DIN 2573 SLIP-ON-WELDING PLATE FLANGES

DIN 2527 BLIND FLANGES

DIN 2631 WELDING NECK FLANGES

板式平焊法蘭

PLATE



尺寸表 DIMENSIONS:

Nominal Size	O	C			X	g	A	YW	BS	S	f	r
		WN	PL	BL								
10	75	12	12	12	22/26	35	14.0/17.2	28	14.5/17.7	1.8	2	4
15	80	12	12	12	28/30	40	20.0/21.3	30	21/22	2.0	2	4
20	90	14	14	14	35/38	50	25.0/26.9	32	26/27.6	2.3	2	4
25	100	14	14	14	40/42	60	30.0/33.7	35	31/34.4	2.6	2	4
32	120	14	16	14	50/55	70	38.0/42.4	35	39/43.1	2.6	2	6
40	130	14	16	14	58/62	80	44.5/48.3	38	45.5/49	2.6	3	6
50	140	14	16	14	70/74	90	57.0/60.3	38	58.1/61.1	2.9	3	6
65	160	14	16	14	88	110	76.1	38	77.1	2.9	3	6
80	190	16	18	16	102	128	88.9	42	90.3	3.2	3	8
100	210	16	18	16	122/130	148	108.0/114.3	45	109.6/115.9	3.6	3	8
125	240	18	20	18	148/155	178	133.0/139.5	48	134.8/141.6	4.0	3	8
150	265	18	20	18	172/184	202	159.0/168.3	48	161.1/170.5	4.5	3	10
200	320	20	22	20	230/236	258	216.0/219.1	55	216.8/221.8	5.9	3	10
250	375	22	24	22	282/290	312	267.0/273.0	60	270.2/276.2	6.3	3	12
300	440	22	24	22	335/342	365	318.0/323.9	62	319.8/327.6	7.1	4	12
350	490	22	26	22	385	415	355.6/368.0	62	359.7/372.2	7.1	4	12
400	540	22	28	22	438	465	406.4/419.0	65	411/423.7	7.1	4	12
500	645	24	30	24	538	570	508.0/521.0	68	513.6/526.6	7.1	4	12
600	755	24	-	-	640	670	610.0/622.0	70	-/-	7.1	5	12

DIN FLANGES PN6

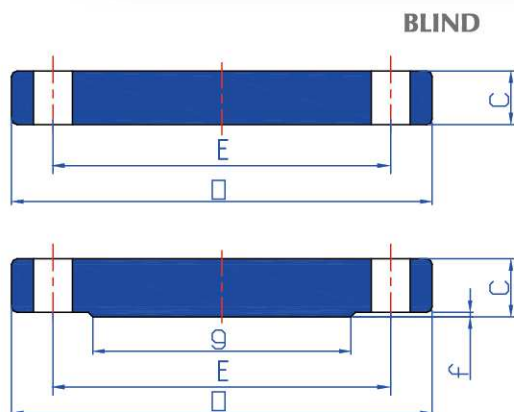
德標PN6法蘭

DIN 2573 SLIP-ON-WELDING PLATE FLANGES

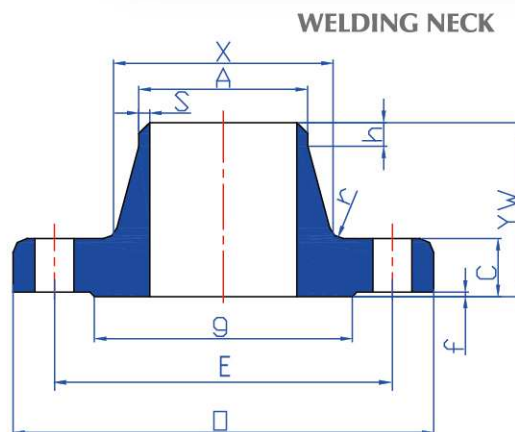
DIN 2527 BLIND FLANGES

DIN 2631 WELDING NECK FLANGES

法蘭蓋



帶頸對焊法蘭



unit:mm

h	E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	kg/pc			Nominal Size
					PL	WN	BL/BL(RF)	
6	50	4	M10	11.5	0.363	0.335	0.38/0.33	10
6	55	4	M10	11.5	0.41	0.392	0.44/0.38	15
6	65	4	M10	11.5	0.60	0.592	0.65/0.59	20
6	75	4	M10	11.5	0.74	0.747	0.82/0.74	25
6	90	4	M12	14	1.19	1.05	1.17/1.07	32
7	100	4	M12	14	1.39	1.18	1.39/1.21	40
8	110	4	M12	14	1.53	1.34	1.62/1.43	50
9	130	4	M12	14	1.89	1.67	2.44/2.21	65
10	150	4	M16	18	2.98	2.71	3.43/3.09	80
10	170	4	M16	18	3.46	3.24	4.76/4.37	100
10	200	8	M16	18	4.60	4.49	6.11/5.68	125
12	225	8	M16	18	5.22	5.15	7.51/7.02	150
15	280	8	M16	18	7.15	7.78	12.3/11.7	200
15	335	12	M16	18	9.61	10.80	18.3/17.6	250
15	395	12	M20	23	12.60	14.00	25.3/24	300
15	445	12	M20	23	15.60	18.516.7	31.6/30.1	350
15	495	16	M20	23	18.40	21.2/19.0	38.4/36.4	400
15	600	20	M20	23	24.50	28.60	60.4/58.1	500
16	705	20	M24	27	-	31.50	-	600

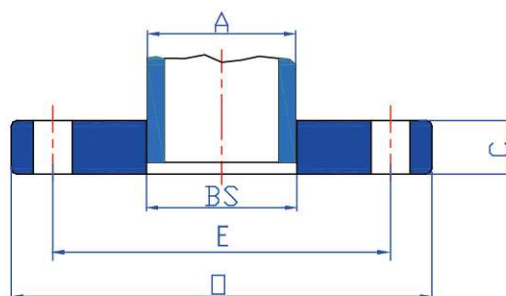
DIN FLANGES PN10

德標PN10法蘭

DIN 2576 SLIP-ON-WELDING PLATE FLANGES
DIN 2527 BLIND FLANGES
DIN 2632(DN200~DN600) WELDING NECK FLANGES
DIN 2633(DN10~DN150) WELDING NECK FLANGES

板式平焊法蘭

PLATE



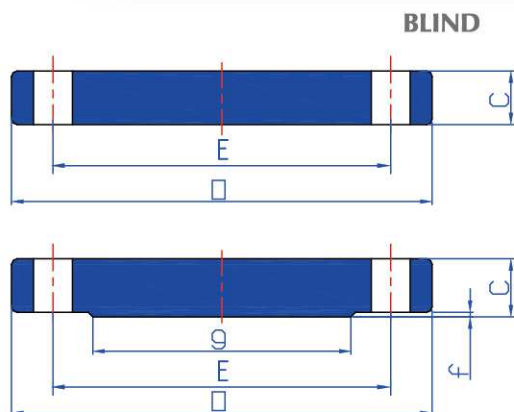
尺寸表 DIMENSIONS:

Nominal Size	O	C			X	g	A	YW	BS	S	f	r
		WN	PL	BL								
10	90	14	14	14	25/28	40	14.0/17.2	35	14.5/17.7	1.8	2	4
15	95	14	14	14	30/32	45	20.0/21.3	35	21/22	2.0	2	4
20	105	16	16	16	38/40	58	25.0/26.9	38	26/27.6	2.3	2	4
25	115	16	16	16	42/45	68	30.0/33.7	38	31/34.4	2.6	2	4
32	140	16	16	16	52/56	78	38.0/42.4	40	39/43.1	2.6	2	6
40	150	16	16	16	60/64	88	44.5/48.3	42	45.5/49	2.6	3	6
50	165	18	18	18	72/75	102	57.0/60.3	45	58.1/61.1	2.9	3	6
65	185	18	18	18	90	122	76.1	45	77.1	2.9	3	6
80	200	20	20	20	105	138	88.9	50	90.3	3.2	3	8
100	220	20	20	20	125/131	158	108.0/114.3	52	109.6/115.9	3.6	3	8
125	250	22	22	22	150/156	188	133.0/139.7	55	134.8/141.6	4.0	3	8
150	285	22	22	22	175/184	212	159.0/168.3	55	161.1/170.5	4.5	3	10
200	340	24	24	24	232/235	268	216.0/219.1	62	216.8/221.8	5.9	3	10
250	395	26	26	26	285/292	320	267.0/273.0	68	270.2/276.2	6.3	3	12
300	445	26	26	26	335/344	370	318.0/323.9	68	319.8/327.6	7.1	4	12
350	505	26	26	26	385	430	355.6/368.0	68	359.7/372.2	7.1	4	12
400	565	26	32	26	440	482	406.4/419.0	72	411/423.7	7.1	4	12
500	670	28	38	28	542	585	508.0/521.0	75	513.6/526.6	7.1	4	12
600	780	28	-	28	642	685	609.6/622.0	80	-/-	7.1	5	12

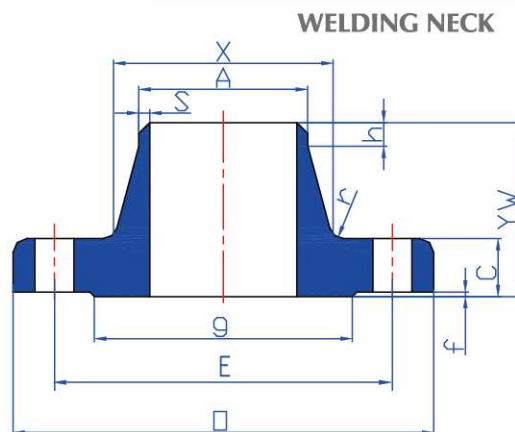
DIN FLANGES PN10

德標PN10法蘭

法蘭蓋



帶頸對焊法蘭



unit:mm

h	E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	kg/pc			Nominal Size
					PL	WN	BL/BL(RF)	
6	60	4	M12	14	0.613/0.605	0.580	0.63/0.56	10
6	65	4	M12	14	0.675/0.699	0.648	0.72/0.64	15
6	75	4	M12	14	0.947/0.936	0.952	1.01/0.93	20
6	85	4	M12	14	1.14/1.11	1.140	1.23/1.13	25
6	100	4	M16	18	1.66/1.62	1.690	1.8/1.66	32
7	110	4	M16	18	1.89/1.86	1.860	2.09/1.85	40
8	125	4	M16	18	2.51/2.47	2.53	2.88/2.59	50
10	145	4	M16	18	3.00	3.06	3.66/3.33	65
10	160	8	M16	18	3.79	3.70	4.77/4.34	80
12	180	8	M16	18	4.2/4.0	4.62	5.65/5.26	100
12	210	8	M16	18	5.7/5.5	6.30	8.42/7.67	125
12	240	8	M20	23	6.7/6.6	7.75	14/13.5	150
16	295	8	M20	23	9.5/9.3	11.3	16.5/15.6	200
16	350	12	M20	23	12.5/11.9	14.7	24/23.1	250
16	400	12	M20	23	14.4/13.8	17.4	30.9/29.4	300
16	460	16	M20	23	20.6/19.0	21.6	40.6/38	350
16	515	16	M24	26	27.9/25.9	26.2	49.4/47.5	400
18	620	20	M24	26	41.1/37.9	38.1	75/72.7	500
18	725	20	M27	30	-	-	-	600

DIN FLANGES PN16

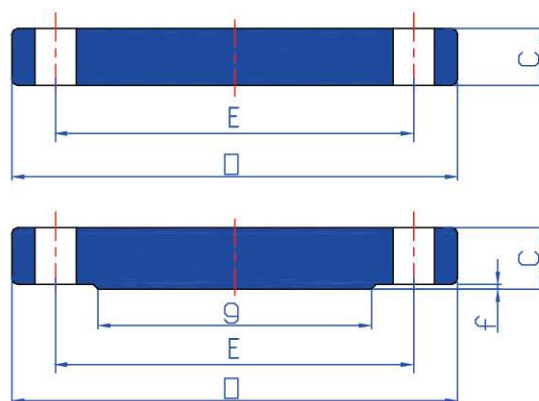
德標PN16法蘭

DIN 2527 BLIND FLANGES

DIN 2633 WELDING NECK FLANGES

法蘭蓋

BLIND



尺寸表 DIMENSIONS:

Nominal Size	O	C		X	g	A	YW	S	f	r	h
		WN	BL								
10	90	14	14	25/28	40	14.0/17.2	35	1.8	2	4	6
15	95	14	14	30/32	45	20.0/21.3	35	2.0	2	4	6
20	105	16	16	38/40	58	25.0/26.9	38	2.3	2	4	6
25	115	16	16	42/45	68	30.0/33.7	38	2.6	2	4	6
32	140	16	16	52/56	78	38.0/42.4	40	2.6	2	6	6
40	150	16	16	60/64	88	44.5/48.3	42	2.6	3	6	7
50	165	18	18	72/75	102	57.0/60.3	45	2.9	3	6	8
65	185	18	18	90	122	76.1	45	2.9	3	6	10
80	200	20	20	105	138	88.9	50	3.2	3	8	10
100	220	20	20	125/131	158	108.0/114.3	52	3.6	3	8	12
125	250	22	22	150/156	188	133.0/139.7	55	4.0	3	8	12
150	285	22	22	175/184	212	159.0/168.3	55	4.5	3	10	12
200	340	24	24	232/235	268	216.0/219.1	62	5.9	3	10	16
250	405	26	26	285/292	320	267.0/273.0	70	6.3	3	12	16
300	460	28	28	338/344	378	318.0/323.9	78	7.1	4	12	16
350	520	30	30	390	438	355.6/368.0	82	8.0	4	12	16
400	580	32	32	445	490	406.4/419.0	85	8.0	4	12	16
500	715	34	36	548	610	508.0/521.0	90	8.0	4	12	16
600	840	36	36	652	725	610.0/622.0	95	8.8	5	12	18

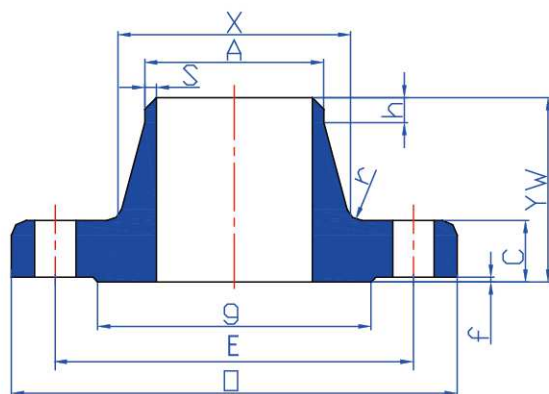
DIN FLANGES PN16

德標PN16法蘭

DIN 2527 BLIND FLANGES
DIN 2633 WELDING NECK FLANGES

帶頸對焊法蘭

WELDING NECK



unit:mm

E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	kg/pc		Nominal Size
				WN	BL/BL(RF)	
60	4	M12	14	0.58	0.63/0.56	10
65	4	M12	14	0.65	0.72/0.64	15
75	4	M12	14	0.95	1.01/0.93	20
85	4	M12	14	1.14	1.23/1.13	25
100	4	M16	18	1.69	1.8/1.66	32
110	4	M16	18	1.86	2.09/1.85	40
125	4	M16	18	2.53	2.88/2.59	50
145	4	M16	18	3.06	3.66/3.33	65
160	8	M16	18	3.70	4.77/4.34	80
180	8	M16	18	4.62	5.65/5.26	100
210	8	M16	18	6.30	8.42/7.67	125
240	8	M20	22	7.75	14/13.5	150
295	12	M20	22	11.00	16.1/15.6	200
355	12	M24	26	15.60	24.9/23.9	250
410	12	M24	26	22.00	35.1/33.6	300
470	16	M24	26	31.2/28.8	47.8/46.2	350
525	16	M27	30	39.3/36.3	63.5/61.5	400
650	20	M30	33	61.00	102/99.5	500
770	20	M33	36	75.4	-	600

DIN FLANGES PN25

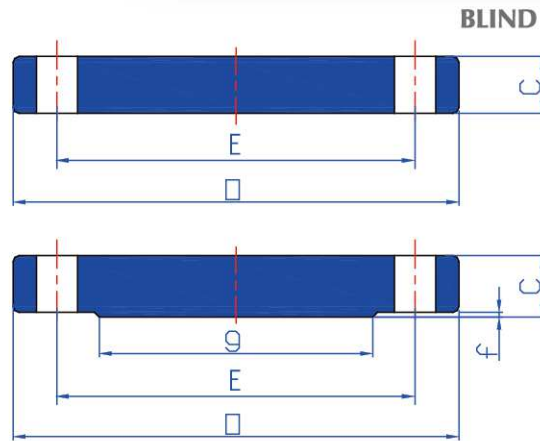
德標PN25法蘭

DIN 2527 BLIND FLANGES

DIN2634(DN200~DN600) WELDING NECK FLANGES

DIN2635(DN10~DN150)WELDING NECK FLANGES

法 蘭 蓋



尺寸表 DIMENSIONS:

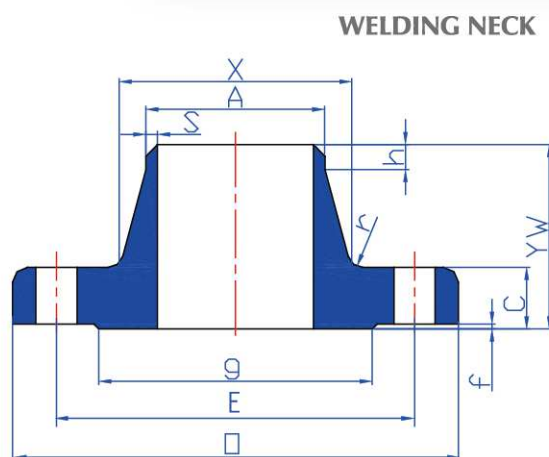
Nominal Size	O	C		X	g	A	YW	S	f	r	h
		WN	BL								
10	90	16	16	25/28	40	14.0/17.2	35	1.8	2	4	6
15	95	16	16	30/32	45	20.0/21.3	38	2.0	2	4	6
20	105	18	18	38/40	58	25.0/26.9	40	2.3	2	4	6
25	115	18	18	42/45	68	30.0/33.7	40	2.6	2	4	6
32	140	18	18	52/56	78	38.0/42.4	42	2.6	2	6	6
40	150	18	18	60/64	88	44.5/48.3	45	2.6	3	6	7
50	165	20	20	72/75	102	57.0/60.3	48	2.9	3	6	8
65	185	22	22	90	122	76.1	52	2.9	3	6	10
80	200	24	24	105	138	88.9	58	3.2	3	8	12
100	235	24	24	128/134	162	108.0/114.3	65	3.6	3	8	12
125	270	26	26	150/162	188	133.0/139.7	68	4.0	3	8	12
150	300	28	28	182/192	218	159.0/168.3	75	4.5	3	10	12
200	360	30	30	244	278	219.1	80	6.3	3	10	16
250	425	32	32	292/298	335	267.0/273.0	88	7.1	3	12	18
300	485	34	34	345/352	395	318.0/323.9	92	8.0	4	12	18
350	555	38	38	398	450	368.0/355.6	100	8.0	4	12	20
400	620	40	40	452	505	419.0/406.4	110	8.8	4	12	20
500	730	44	45	558	615	521.0/508.0	125	10.0	4	12	20
600	845	46	-	660	720	622.0/610.0	125	11.0	5	12	20

DIN FLANGES PN25

德標PN25法蘭

DIN 2527 BLIND FLANGES
DIN2634(DN200~DN600) WELDING NECK FLANGES
DIN2635(DN10~DN150)WELDING NECK FLANGES

帶頸對焊法蘭



unit:mm

E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	kg/pc		Nominal Size
				WN	BL/BL(RF)	
60	4	M12	14	0.661	0.72/0.62	10
65	4	M12	14	0.746	0.81/0.74	15
75	4	M12	14	1.060	1.24/1.05	20
85	4	M12	14	1.290	1.38/1.31	25
100	4	M16	18	1.88	2.03/1.82	32
110	4	M16	18	2.33	2.35/2.11	40
125	4	M16	18	2.82	3.2/2.91	50
145	8	M16	18	3.74	4.29/4.13	65
160	8	M16	18	4.75	5.88/5.21	80
190	8	M20	23	6.52	7.54/7.08	100
220	8	M24	27	9.07	10.8/10.4	125
250	8	M24	27	11.80	14.5/13.9	150
310	12	M24	27	17.00	22.3/21.5	200
370	12	M27	30	24.40	33.5/32.5	250
430	16	M27	30	31.20	46.3/44.7	300
490	16	M30	33	47.20/44.20	68/65.9	350
550	16	M33	36	61.70/57.90	89.7/87	400
660	20	M33	36	89.60	138/134	500
770	20	M36	39	104.00	-	600

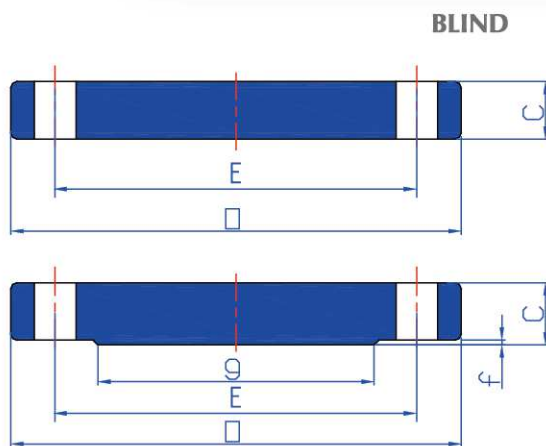
DIN FLANGES PN40

德標PN40法蘭

DIN 2527 BLIND FLANGES

DIN 2635 WELDING NECK FLANGES

法蘭蓋



尺寸表 DIMENSIONS:

Nominal Size	O	C		X	g	A	YW	S	f	r	h
		WN	BL								
10	90	16	16	25/28	40	14.0/17.2	35	1.8	2	4	6
15	95	16	16	30/32	45	20.0/21.3	38	2.0	2	4	6
20	105	18	18	38/40	58	25.0/26.9	40	2.3	2	4	6
25	115	18	18	42/46	68	30.0/33.7	40	2.6	2	4	6
32	140	18	18	52/56	78	38.0 42.4	42	2.6	2	6	6
40	150	18	18	60/64	88	44.5/48.3	45	2.6	3	6	7
50	165	20	20	72/75	102	57.0/60.3	48	2.9	3	6	8
65	185	22	22	90	122	76.1	52	2.9	3	6	10
80	200	24	24	105	138	88.9	58	3.2	3	8	12
100	235	24	24	128/134	162	108.0/114.3	65	3.6	3	8	12
125	270	26	26	155 162	188	133.0/139.7	68	4.0	3	8	12
150	300	28	28	182/192	218	159.0/168.3	75	4.5	3	10	12
200	375	34	34	244	285	219.1	88	6.3	3	10	16
250	450	38	38	298/306	345	267.0/273.0	105	7.1	3	12	18
300	515	42	42	362	410	323.9	115	8.0	4	12	18
350	580	46	46	409	465	355.6/368.0	125	8.8	4	12	20
400	660	50	50	462	535	406.4/419.0	135	11.0	4	12	20
500	755	52	56	562	615	508.0	140	14.2	4	12	20

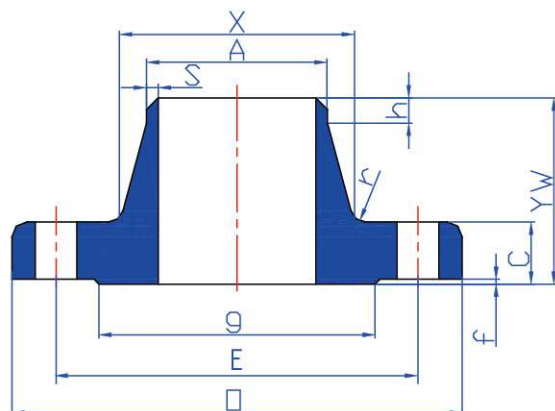
DIN FLANGES PN40

德標PN40法蘭

DIN 2527 BLIND FLANGES
DIN 2635 WELDING NECK FLANGES

帶頸對焊法蘭

WELDING NECK



unit:mm

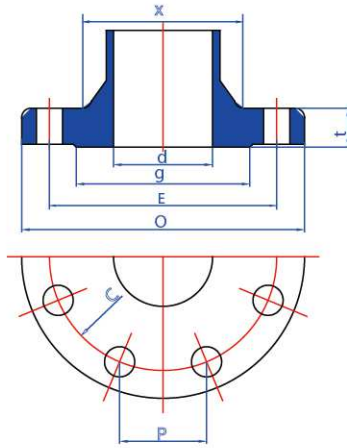
E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	kg/pc		Nominal Size
				WN	BL/BL(RF)	
60	4	M12	14	0.661	0.72/0.62	10
65	4	M12	14	0.746	0.81/0.74	15
75	4	M12	14	1.060	1.24/1.05	20
85	4	M12	14	1.290	1.38/1.31	25
100	4	M16	18	1.88	2.03/1.82	32
110	4	M16	18	2.33	2.35/2.11	40
125	4	M16	18	2.82	3.2/2.91	50
145	8	M16	18	3.74	4.29/4.13	65
160	8	M16	18	4.75	5.88/5.21	80
190	8	M20	22	6.52	7.54/7.08	100
220	8	M24	26	9.07	10.8/10.4	125
250	8	M24	26	11.80	14.5/13.9	150
320	12	M27	30	21.50	27.2/26.2	200
385	12	M30	33	34.90	43.8/43.1	250
450	16	M30	33	49.70	63.3/62.2	300
510	16	M33	36	68.10	89.5/87.2	350
585	16	M36	39	96.50	127/124	400
670	20	M39	42	117.00	172/168	500

DIN 9124-2010 FLANGES TOLERANCE

德標法蘭標準

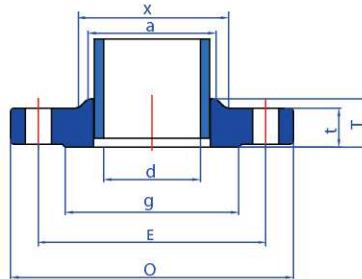
帶頸平焊法蘭

SOLID FLANGE



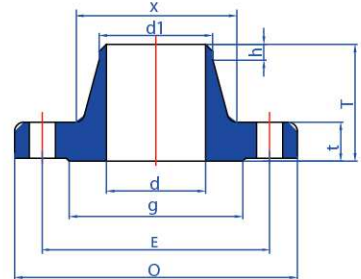
帶頸平焊法蘭

SLIP-ON



帶頸對焊法蘭

WELDING NECK



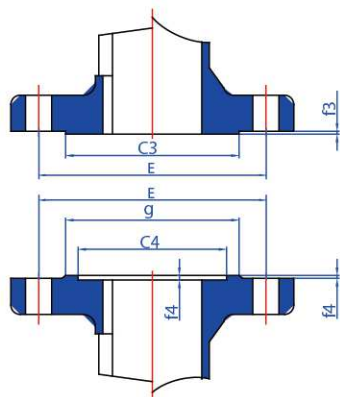
Dimension	Flange Type	Size	Tolerance mm	
Outside diameter of neck x	PL/W-A	≤ DN125	+3.0 - 0	
		DN150-DN1200	+4.5 - 0	
		≥ DN1400	+6.0 - 0	
	PL/W-B 、 PL/P-B PL/P-A	≤ DN150	±0.75%a min.±0.3mm	
		≥ DN200	±1%a max.±3.0mm	
Bore diameter d	PL、 PL/W-B 、 PL/W-A 、 SO 、 PL/C 、 PL/P-A 、 PL/P-B	≤ DN100	+0.5 - 0	
		DN125-DN400	+1.0 - 0	
		DN450-DN600	+1.5 - 0	
		≥ DN700	+3.0 - 0	
Wall thickness C	WN 、 PL/W-A		machined neck (both faces)	neck one face machined or un-machined
		≤ DN100	+1.0 - 0	+2.0 - 0
		> DN100 ≤ DN400	+1.5 - 0	+2.5 - 0
		> DN400	+2.0 - 0	+3.5 - 0
	PL/W-B	C ≤ 8	+15% - 10%	
		C > 8	+15% - 5%	
	PL/P-A 、 PL/P-B	≤ DN600	-12.5%a + 15%	
		> DN600	-0.5mm a + 15%	
Outside diameter O	IF	≤ DN250	±4.0	
		> DN250 ≤ DN500	±5.0	
		> DN500 ≤ DN800	±6.0	
		> DN800 ≤	±7.0	
		> DN1200 ≤	±8.0	
		> DN1600 ≤	±10.0	
	All other types	≤ DN150	±2.0	
		> DN150 ≤ DN500	±3.0	
		> DN500 ≤	±5.0	
		> DN1200 ≤	±7.0	
		> DN1800	±10.0	
Length through hub YS	All flange with neck	≤ DN80	±1.5	
		DN100-DN250	±2.0	
		≥ DN300	±3.0	

DIN 9124-2010 FLANGES TOLERANCE

德標法蘭標準

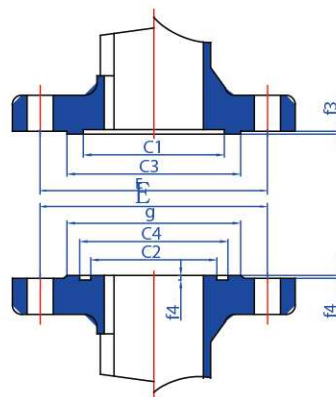
凹凸式

MALE & FEMALE TYPE



榫槽式

TONGUE & GROOVE TYPE



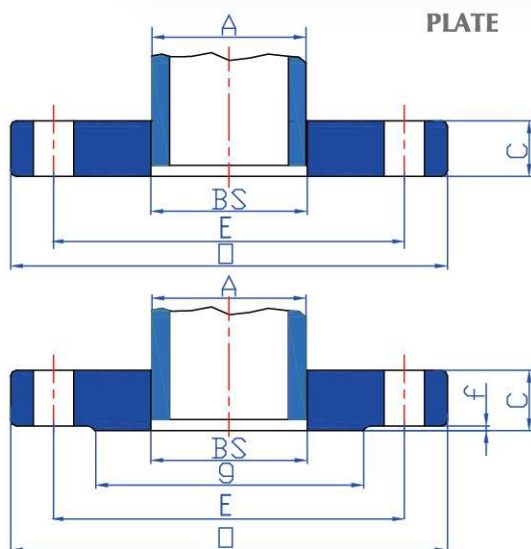
Dimension		Flange Type	Size	Tolerance mm
Neck diameter X		WN、PL/W-A、IF	$\leq \text{DN}50$	0 - 2.0
			$> \text{DN}50 \leq \text{DN}150$	0 - 4.0
			$> \text{DN}150 \leq \text{DN}300$	0 - 6.0
			$> \text{DN}300 \leq \text{DN}600$	0 - 8.0
			$> \text{DN}600 \leq \text{DN}4000$	0 - 10.0
		SO、Th	$\leq \text{DN}50$	+ 1.0 - 0
			$> \text{DN}50 \leq \text{DN}150$	+ 2.0 - 0
			$> \text{DN}150 \leq \text{DN}300$	+ 4.0 - 0
			$> \text{DN}300 \leq \text{DN}600$	+ 8.0 - 0
			$> \text{DN}600 \leq \text{DN}1200$	+ 12.0 - 0
			$> \text{DN}1200 \leq \text{DN}1800$	+ 16.0 - 0
			$> \text{DN}1800$	+ 20.0 - 0
Facing	f3	C1.C2.C3.C4	ALL DN	+ 0.5 - 0
	f4	All types	ALL DN	+ 0.2 - 0
	f4	All types	ALL DN	+ 0.5 - 0
	C1	All types	ALL DN	+ 0.5 - 0
	C2	All types	ALL DN	+ 0 - 0.5
	C3	All types	ALL DN	+ 0 - 0.5
	C4	All types	ALL DN	+ 0.5 - 0
Dimension of bolt circle		All types	Bolt sizes M10 to M24	± 1.0
			Bolt sizes M27 to M45	± 1.5
Centre-to-centre of adjacent bolt holes		All types	Bolt sizes M10 to M24	± 1.0
			Bolt sizes M27 to M45	± 1.5
Eccentricity of machined facing diameters		All types	$\leq \text{DN}65$	1
			$> \text{DN}65$	2
Parallelism between bolting bearing surfaces and flange jointing faces		All types(machined bearing surfaces)	ALL DN	1°
		All types(un-machined bearing surfaces)		2°

GB FLANGES PN1.0 Mpa

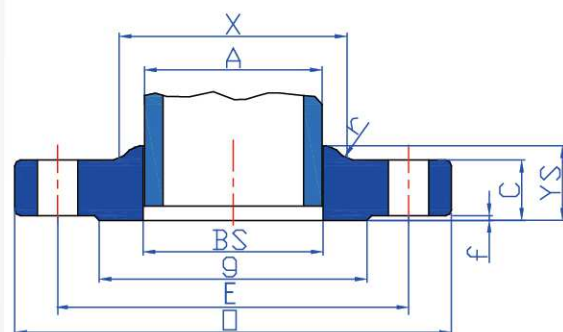
國標PN1.0 Mpa法蘭

GB/T 9123.1-2000 BLIND FLANGES
GB/T 9119-2010 PLATE FLANGES
GB/T 9116.1-2000 SLIP-ON FLANGES

板式平焊法蘭



帶頸平焊法蘭



unit:mm

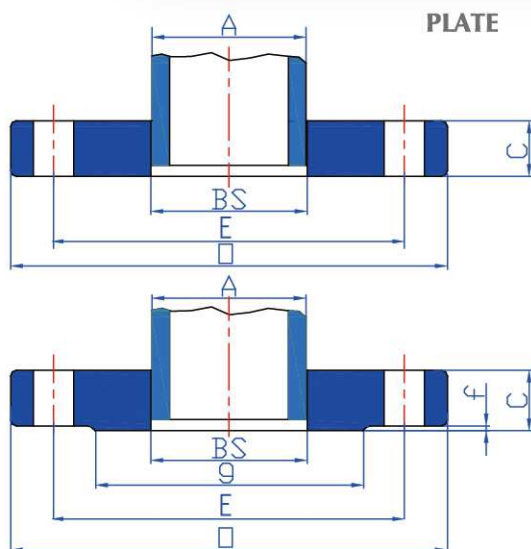
YS	BS		E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	X		r	Nominal Size
22	18	15	60	4	M12	14	30		3	10
22	22	19	65	4	M12	14	35		3	15
26	27.5	26	75	4	M12	14	45		4	20
28	34.5	33	85	4	M12	14	52		4	25
30	43.5	39	100	4	M16	18	60		5	32
32	49.5	46	110	4	M16	18	70		5	40
34	61.5	59	125	4	M16	18	84		5	50
32	77.5	78	145	4	M16	18	104		6	65
34	90.5	91	160	8	M16	18	118		6	80
40	116	110	180	8	M16	18	140		6	100
44	141.5	135	210	8	M16	18	168		6	125
44	170.5	161	240	8	M20	22	195		8	150
44	221.5	222	295	8	M20	22	246		8	200
46	276.5	276	350	12	M20	22	298		10	250
46	327.5	328	400	12	M20	22	350		10	300
53	359	381	460	16	M20	22	400	412	10	350
57	411	430	515	16	M24	26	456	475	10	400
63	462	485	565	20	M24	26	502	525	12	450
67	513.5	535	620	20	M24	26	559	581	12	500
75	616.5	636	725	20	M27	30	658	678	12	600

GB FLANGES PN1.0 Mpa

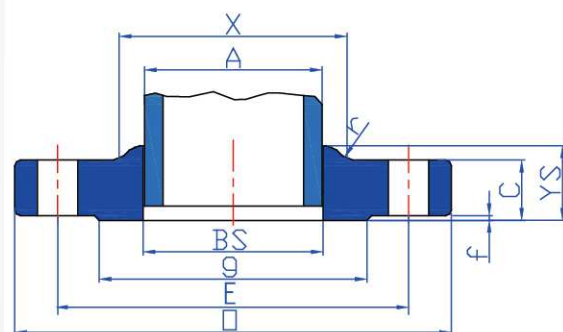
國標PN1.0 Mpa法蘭

GB/T 9123.1-2000 BLIND FLANGES
GB/T 9119-2010 PLATE FLANGES
GB/T 9116.1-2000 SLIP-ON FLANGES

板式平焊法蘭



帶頸平焊法蘭



unit:mm

YS	BS		E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	X		r	Nominal Size
22	18	15	60	4	M12	14	30		3	10
22	22	19	65	4	M12	14	35		3	15
26	27.5	26	75	4	M12	14	45		4	20
28	34.5	33	85	4	M12	14	52		4	25
30	43.5	39	100	4	M16	18	60		5	32
32	49.5	46	110	4	M16	18	70		5	40
34	61.5	59	125	4	M16	18	84		5	50
32	77.5	78	145	4	M16	18	104		6	65
34	90.5	91	160	8	M16	18	118		6	80
40	116	110	180	8	M16	18	140		6	100
44	141.5	135	210	8	M16	18	168		6	125
44	170.5	161	240	8	M20	22	195		8	150
44	221.5	222	295	8	M20	22	246		8	200
46	276.5	276	350	12	M20	22	298		10	250
46	327.5	328	400	12	M20	22	350		10	300
53	359	381	460	16	M20	22	400	412	10	350
57	411	430	515	16	M24	26	456	475	10	400
63	462	485	565	20	M24	26	502	525	12	450
67	513.5	535	620	20	M24	26	559	581	12	500
75	616.5	636	725	20	M27	30	658	678	12	600

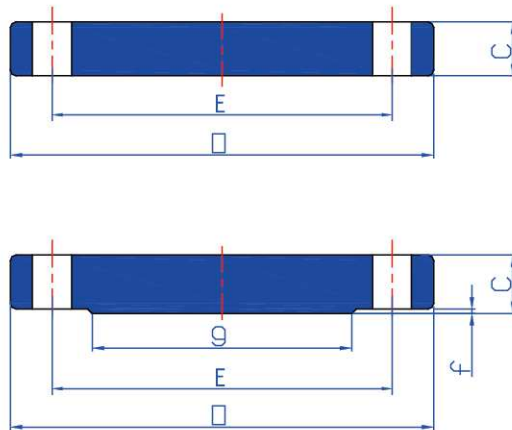
GB FLANGES PN1.6 Mpa

國標PN1.6 Mpa法蘭

GB/T 9123.1-2000 BLIND FLANGES
GB/T 9119-2010 PLATE FLANGES
GB/T 9116.1-2000 SLIP-ON FLANGES

法 蘭 蓋

BLIND



尺寸表 DIMENSIONS:

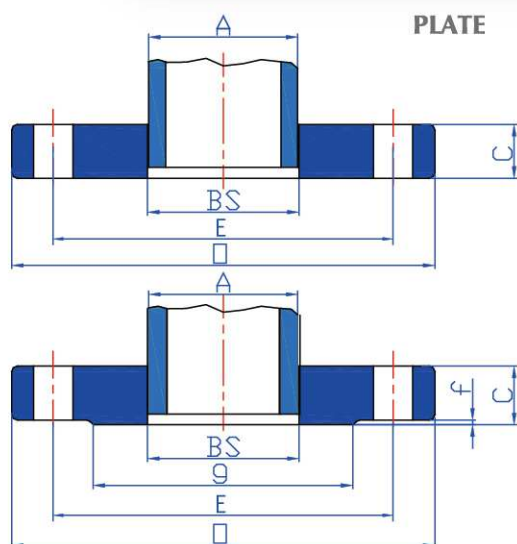
Nominal Size	A		O	C			g			f
				BL	PL	SO	BL	PL	SO	
10	17.2	14	90	14	14	14	41	40	41	2
15	21.3	18	95	14	14	14	46	45	46	2
20	26.9	25	105	16	16	16	56	58	56	2
25	33.7	32	115	16	16	16	65	68	65	2
32	42.4	38	140	18	18	18	76	78	76	2
40	48.3	45	150	18	18	18	84	88	84	3
50	60.3	57	165	20	20	20	99	102	99	3
65	76.1	76	185	20	20	20	118	122	118	3
80	88.9	89	200	20	20	20	132	138	132	3
100	114.3	108	220	22	22	22	156	158	156	3
125	139.7	133	250	22	22	22	184	188	184	3
150	168.3	159	285	24	24	24	211	212	211	3
200	219.1	219	340	24	26	24	266	268	266	3
250	273	273	405	26	29	26	319	320	319	3
300	323.9	325	460	28	32	28	370	378	370	4
350	355.6	377	520	30	35	30	429	438	429	4
400	406.4	426	580	32	38	32	480	490	480	4
450	457	480	640	40	42	40	548	550	548	4
500	508	530	715	44	46	44	609	610	609	4
600	610	630	840	54	55	54	720	725	720	5

GB FLANGES PN1.6 Mpa

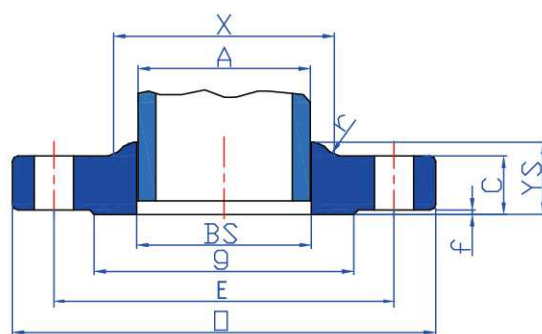
國標PN1.6 Mpa法蘭

GB/T 9123.1-2000 BLIND FLANGES
GB/T 9119-2010 PLATE FLANGES
GB/T 9116.1-2000 SLIP-ON FLANGES

板式平焊法蘭



帶頸平焊法蘭



unit:mm

YS	BS		E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	X		r	Nominal Size
22	18	15	60	4	M12	14	30		3	10
22	22	19	65	4	M12	14	35		3	15
26	27.5	26	75	4	M12	14	45		4	20
28	34.5	33	85	4	M12	14	52		4	25
30	43.5	39	100	4	M16	18	60		5	32
32	49.5	46	110	4	M16	18	70		5	40
34	61.5	59	125	4	M16	18	84		5	50
32	77.5	78	145	4	M16	18	104		6	65
34	90.5	91	160	8	M16	18	118		6	80
40	116	110	180	8	M16	18	140		6	100
44	141.5	135	210	8	M16	18	168		6	125
44	170.5	161	240	8	M20	22	195		8	150
44	221.5	222	295	12	M20	22	246		8	200
46	276.5	276	355	12	M24	26	298		10	250
53	327.5	328	410	12	M24	26	350		10	300
57	359.5	381	470	16	M24	26	400	412	10	350
63	411	430	525	16	M27	30	456	475	10	400
68	462	485	585	20	M27	30	502	525	12	450
73	513.5	535	650	20	M30	33	559	581	12	500
83	616.5	636	770	20	M33	36	658	678	12	600

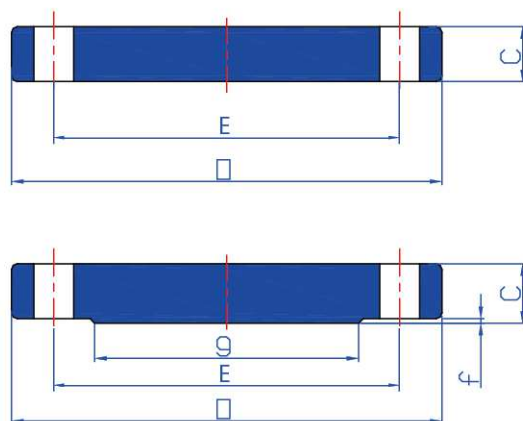
GB FLANGES PN2.5 Mpa

國標PN2.5 Mpa法蘭

GB/T 9123.1-2000 BLIND FLANGES
GB/T 9119-2010 PLATE FLANGES
GB/T 9116.1-2000 SLIP-ON FLANGES

法 蘭 蓋

BLIND



尺寸表 DIMENSIONS:

Nominal Size	A		O	C			g			f
				BL	PL	SO	BL	PL	SO	
10	17.2	14	90	14	14	14	41	40	41	2
15	21.3	18	95	14	14	14	46	45	46	2
20	26.9	25	105	16	16	16	56	58	56	2
25	33.7	32	115	16	16	16	65	68	65	2
32	42.4	38	140	18	18	18	76	78	76	2
40	48.3	45	150	18	18	18	84	88	84	3
50	60.3	57	165	20	20	20	99	102	99	3
65	76.1	76	185	22	22	22	118	122	118	3
80	88.9	89	200	24	24	24	132	138	132	3
100	114.3	108	235	24	26	24	156	162	156	3
125	139.7	133	270	26	28	26	184	188	184	3
150	168.3	159	300	28	30	28	211	218	211	3
200	219.1	219	360	30	32	30	274	278	274	3
250	273	273	425	32	35	32	330	335	330	3
300	323.9	325	485	34	38	34	389	395	389	4
350	355.6	377	555	38	42	38	448	450	448	4
400	406.4	426	620	40	48	40	503	505	503	4
450	457	480	670	46	54	46	548	555	548	4
500	508	530	730	48	58	48	609	615	609	4
600	610	630	845	58	68	58	720	720	720	5

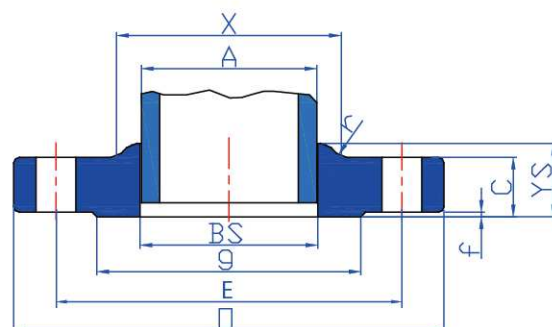
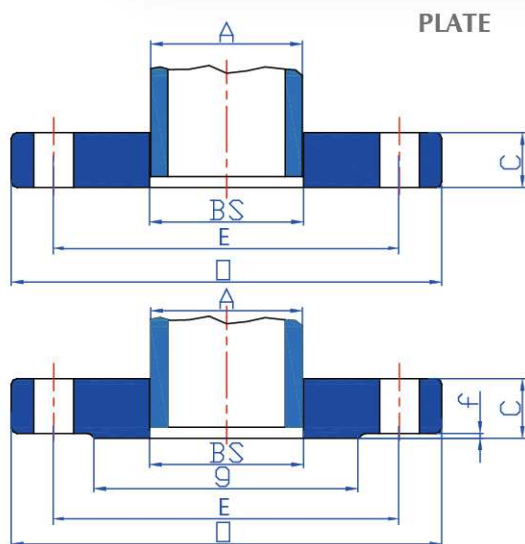
GB FLANGES PN2.5 Mpa

國標PN2.5 Mpa法蘭

GB/T 9123.1-2000 BLIND FLANGES
GB/T 9119-2010 PLATE FLANGES
GB/T 9116.1-2000 SLIP-ON FLANGES

板式平焊法蘭

帶頸平焊法蘭



unit:mm

YS	BS		E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	X		r	Nominal Size
22	18	15	60	4	M12	14	30		3	10
22	22	19	65	4	M12	14	35		3	15
26	27.5	26	75	4	M12	14	45		4	20
28	34.5	33	85	4	M12	14	52		4	25
30	43.5	39	100	4	M16	18	60		5	32
32	49.5	46	110	4	M16	18	70		5	40
34	61.5	59	125	4	M16	18	84		5	50
38	77.5	78	145	8	M16	18	104		6	65
40	90.5	91	160	8	M16	18	118		6	80
44	116	110	190	8	M20	22	145		6	100
48	141.5	135	220	8	M24	26	170		6	125
52	170.5	161	250	8	M24	26	200		8	150
52	221.5	222	310	12	M24	26	256		8	200
60	276.5	276	370	12	M27	30	310		10	250
67	327.5	328	430	16	M27	30	364		10	300
72	359.5	381	490	16	M30	33	418	430	10	350
78	411	430	550	16	M33	36	472	492	10	400
84	462	485	600	20	M33	36	520	542	12	450
90	513.5	535	660	20	M33	36	580	602	12	500
100	616.5	636	770	20	M36	39	684	704	12	600

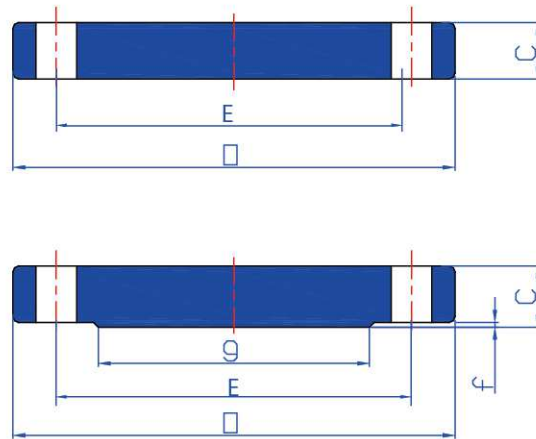
GB FLANGES PN4.0 Mpa

國標PN4.0 Mpa法蘭

GB/T 9123.1-2000 BLIND FLANGES
GB/T 9119-2010 PLATE FLANGES
GB/T 9116.1-2000 SLIP-ON FLANGES

法 蘭 蓋

BLIND



尺寸表 DIMENSIONS:

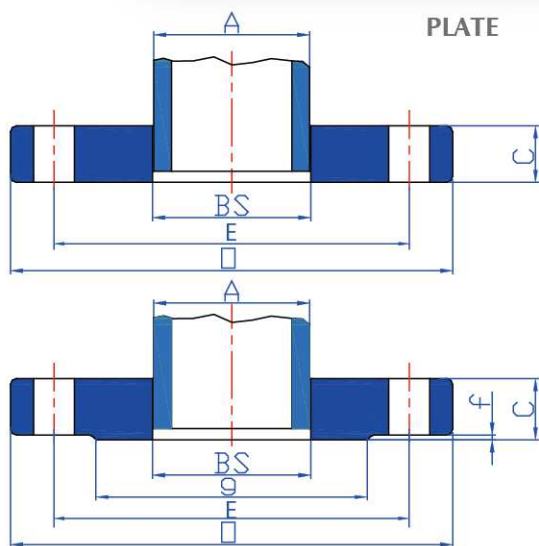
Nominal Size	A		O	C			g		
				BL	PL	SO	BL	PL	SO
10	17.2	14	90	14	14	14	41	40	41
15	21.3	18	95	14	14	14	46	45	46
20	26.9	25	105	16	16	16	56	58	56
25	33.7	32	115	16	16	16	65	68	65
32	42.4	38	140	18	18	18	76	78	76
40	48.3	45	150	18	18	18	84	88	84
50	60.3	57	165	20	20	20	99	102	99
65	76.1	76	185	22	22	22	118	122	118
80	88.9	89	200	24	24	24	132	138	132
100	114.3	108	235	24	26	24	156	162	156
125	139.7	133	270	26	28	26	184	188	184
150	168.3	159	300	28	30	28	211	218	211
200	219.1	219	375	34	36	-	284	285	-
250	273.0	273	450	38	42	-	345	345	-
300	323.9	325	515	42	52	-	409	410	-
350	355.6	377	580	46	58	-	465	465	-
400	406.4	426	660	50	65	-	535	535	-
450	457	480	685	57	66	-	560	560	-
500	508	530	755	57	72	-	615	615	-
600	610	630	890	72	84	-	735	735	-

GB FLANGES PN4.0 Mpa

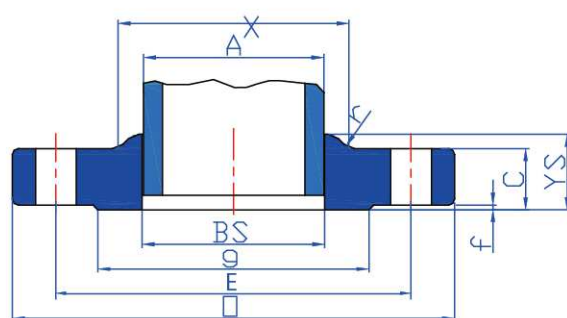
國標PN4.0 Mpa法蘭

GB/T 9123.1-2000 BLIND FLANGES
GB/T 9119-2010 PLATE FLANGES
GB/T 9116.1-2000 SLIP-ON FLANGES

板式平焊法蘭



帶頸平焊法蘭



unit:mm

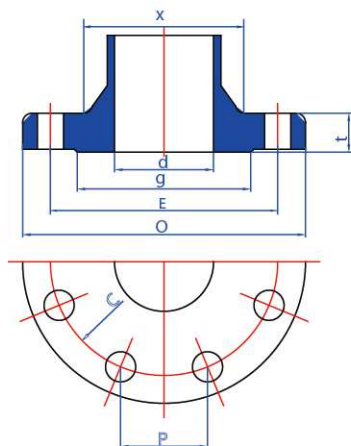
f	YS	BS		E	Number of Bolts	Diameter of Bolts	Diameter of Bolt Holes	Nominal Size
2	22	18	15	60	4	M12	14	10
2	22	22	19	65	4	M12	14	15
2	26	27.5	26	75	4	M12	14	20
2	28	34.5	33	85	4	M12	14	25
2	30	43.5	39	100	4	M16	18	32
3	32	49.5	46	110	4	M16	18	40
3	34	61.5	59	125	4	M16	18	50
3	38	77.5	78	145	8	M16	18	65
3	40	90.5	91	160	8	M16	18	80
3	44	116	110	190	8	M20	22	100
3	48	141.5	135	220	8	M24	26	125
3	52	170.5	161	250	8	M24	26	150
3	-	221.5	222	320	12	M27	30	200
3	-	276.5	276	385	12	M30	33	250
4	-	327.5	328	450	16	M30	33	300
4	-	359.5	381	510	16	M33	36	350
4	-	411	430	585	16	M36	39	400
4	-	462	485	610	20	M36	39	450
4	-	513.5	535	670	20	M39	42	500
5	-	616.5	636	795	20	M45	48	600

GB 9124-2010 FLANGES TOLERANCE

國標法蘭標準

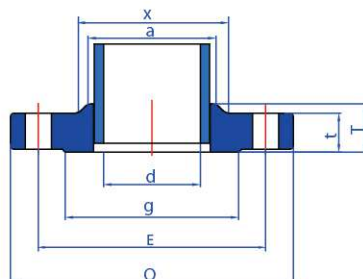
帶頸平焊法蘭

SOLID FLANGE



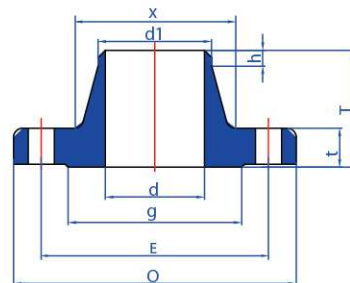
帶頸平焊法蘭

SLIP-ON



帶頸對焊法蘭

WELDING NECK



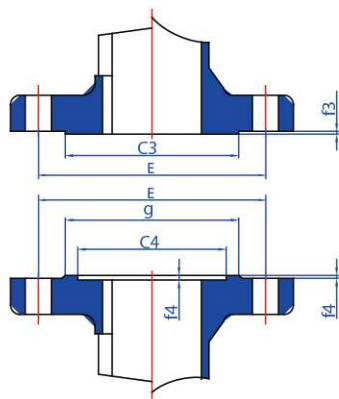
Dimension	Flange Type	Size	Tolerance mm	
Outside diameter of neck a	PL/W-A	$\leq \text{DN}125$	+3.0 - 0	
		DN150-DN1200	+4.5 - 0	
		$\geq \text{DN}1400$	+6.0 - 0	
	PL/W-B 、 PL/P-B PL/P-A	$\leq \text{DN}150$	$\pm 0.75\%a$ min. $\pm 0.3\text{mm}$	
		$\geq \text{DN}200$	$\pm 1\%a$ max. $\pm 3.0\text{mm}$	
Bore diameter d	PL、 PL/W-B 、 PL/W-A 、 SO 、 PL/C 、 PL/P-A 、 PL/P-B	$\leq \text{DN}100$	+0.5 - 0	
		DN125-DN400	+1.0 - 0	
		DN450-DN600	+1.5 - 0	
		$\geq \text{DN}700$	+3.0 - 0	
Wall thickness C	WN 、 PL/W-A		machined neck (both faces)	neck one face machined or un-machined
		$\leq \text{DN}100$	+1.0 - 0	+2.0 - 0
		$> \text{DN}100 \leq \text{DN}400$	+1.5 - 0	+2.5 - 0
		$> \text{DN}400$	+2.0 - 0	+3.5 - 0
	PL/W-B	$C \leq 8$	+15% - 10%	
		$C > 8$	+15% - 5%	
	PL/P-A 、 PL/P-B	$\leq \text{DN}600$	-12.5%a + 15%	
		$> \text{DN}600$	-0.5mm a + 15%	
Outside diameter O	IF	$\leq \text{DN}250$	± 4.0	
		$> \text{DN}250 \leq \text{DN}500$	± 5.0	
		$> \text{DN}500 \leq \text{DN}800$	± 6.0	
		$> \text{DN}800 \leq$	± 7.0	
		$> \text{DN}1200 \leq$	± 8.0	
		$> \text{DN}1600 \leq$	± 10.0	
	All other types	$\leq \text{DN}150$	± 2.0	
		$> \text{DN}150 \leq \text{DN}500$	± 3.0	
		$> \text{DN}500 \leq$	± 5.0	
		$> \text{DN}1200 \leq$	± 7.0	
		$> \text{DN}1800$	± 10.0	
Length through hub YS	All flange with neck	$\leq \text{DN}80$	± 1.5	
		DN100-DN250	± 2.0	
		$\geq \text{DN}300$	± 3.0	

GB 9124-2010 FLANGES TOLERANCE

國標法蘭標準

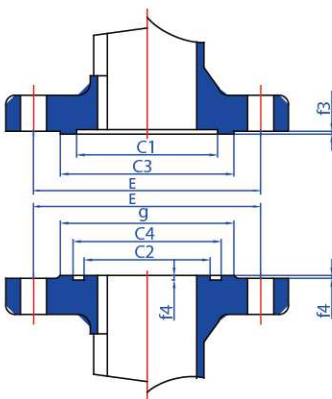
凹凸式

MALE & FEMALE TYPE



榫槽式

TONGUE & GROOVE TYPE



Dimension		Flange Type	Size	Tolerance mm
Neck diameter X		WN、PL/W-A、IF	≤ DN50	0 - 2.0
			> DN50 ≤ DN150	0 - 4.0
			> DN150 ≤ DN300	0 - 6.0
			> DN300 ≤ DN600	0 - 8.0
			> DN600 ≤ DN4000	0 - 10.0
		SO、Th	≤ DN50	+ 1.0 - 0
			> DN50 ≤ DN150	+ 2.0 - 0
			> DN150 ≤ DN300	+ 4.0 - 0
			> DN300 ≤ DN600	+ 8.0 - 0
			> DN600 ≤ DN1200	+ 12.0 - 0
			> DN1200 ≤ DN1800	+ 16.0 - 0
			> DN1800	+ 20.0 - 0
Facing	f3	C1.C2.C3.C4	ALL DN	+ 0.5 - 0
		All types	ALL DN	+ 0.2 - 0
	f4	All types	ALL DN	+ 0.5 - 0
	C1	All types	ALL DN	+ 0.5 - 0
	C2	All types	ALL DN	+ 0 - 0.5
	C3	All types	ALL DN	+ 0 - 0.5
	C4	All types	ALL DN	+ 0.5 - 0
Dimension of bolt circle		All types	Bolt sizes M10 to M24	±1.0
			Bolt sizes M27 to M45	±1.5
Centre-to-centre of adjacent bolt holes		All types	Bolt sizes M10 to M24	±1.0
			Bolt sizes M27 to M45	±1.5
Eccentricity of machined facing diameters		All types	≤ DN65	1
			> DN65	2
Parallelism between bolting bearing surfaces and flange jointing faces		All types(machined bearing surfaces)	ALL DN	1°
		All types(un-machined bearing surfaces)		2°



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