

# Flanges



RO-FI Precision in Stainless Steel

## Welding Neck Flanges



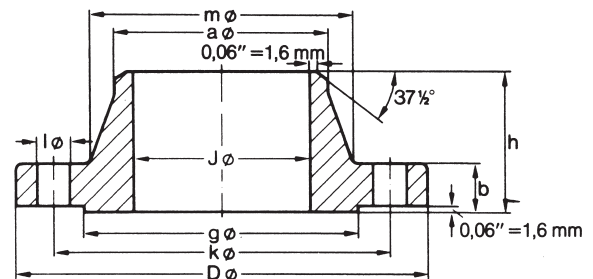
ANSI B 16.5

150 lbs

Material:

304(L) / 316(L) / 321(H)

1.4541 / 1.4571



### 150 lb/sq. In.

Tube		Flange				Hub		Raised face	Drilling Template			Weight
Nom. Size	OD	D	J	b	h	a	m	g	Number	l	k	≈ Pounds
DN	in.	in.	in.	in.	in.	in.	in.	in.		in.	in.	≈ kg
1/2"	0,840	3,50	0,62	0,44	1,88	0,84	1,19	1,38	4	0,62	2,38	1,10
	21,300	88,90	15,70	11,20	47,80	21,30	30,20	35,10	4	15,70	60,50	0,48
3/4"	1,050	3,88	0,82	0,50	2,06	1,05	1,50	1,69	4	0,62	2,75	1,60
	26,700	98,60	20,80	12,70	52,30	26,70	38,10	42,90	4	15,70	69,90	0,71
1"	1,315	4,25	1,05	0,56	2,19	1,32	1,94	2,00	4	0,62	3,12	2,20
	33,400	108,00	26,70	14,20	55,60	33,50	49,30	50,80	4	15,70	79,20	1,01
1 1/4"	1,660	4,62	1,38	0,62	2,25	1,66	2,31	2,50	4	0,62	3,50	2,90
	42,200	117,30	35,10	15,70	57,20	42,20	58,70	63,50	4	15,70	88,90	1,33
1 1/2"	1,900	5,00	1,61	0,69	2,44	1,90	2,56	2,88	4	0,62	3,88	3,80
	48,300	127,00	40,90	17,50	62,00	48,30	65,00	73,20	4	15,70	98,60	1,72
2"	2,375	6,00	2,07	0,75	2,50	2,38	3,06	3,62	4	0,75	4,75	5,70
	60,300	154,00	52,60	19,10	63,50	60,50	77,70	91,90	4	19,10	120,70	2,58
2 1/2"	2,875	7,00	2,47	0,88	2,75	2,88	3,56	4,12	4	0,75	5,50	9,10
	73,000	177,80	62,70	22,40	69,90	73,20	90,40	104,60	4	19,10	139,70	4,11
3"	3,500	7,50	3,07	0,94	2,75	3,50	4,25	5,00	4	0,75	6,00	10,80
	88,900	190,50	78,00	23,90	69,60	88,90	108,00	127,00	4	19,10	152,40	4,92
3 1/2"	4,000	8,50	3,55	0,94	2,81	4,00	4,81	5,50	8	0,75	7,00	13,40
	101,600	215,90	90,20	23,90	71,40	101,60	122,20	139,70	8	19,10	177,80	6,08
4"	4,500	9,00	4,03	0,94	3,00	4,50	5,31	6,19	8	0,75	7,50	15,10
	114,300	228,60	102,40	23,90	76,20	114,30	134,90	157,20	8	19,10	190,50	6,84
5"	5,563	10,00	5,05	0,94	3,50	5,56	6,44	7,31	8	0,88	8,50	18,90
	141,300	254,00	128,30	23,90	88,90	141,20	163,60	185,70	8	22,40	215,90	8,56
6"	6,625	11,00	6,07	1,00	3,50	6,63	7,56	8,50	8	0,88	9,50	23,30
	168,300	279,40	154,20	25,40	88,90	168,40	192,00	215,90	8	22,40	241,30	10,60
8"	8,625	13,50	7,98	1,12	4,00	8,63	9,69	10,62	8	0,88	11,75	38,80
	219,100	342,90	202,70	28,40	101,60	219,20	246,10	269,70	8	22,40	298,50	17,60
10"	10,750	16,00	10,02	1,19	4,00	10,75	12,00	12,75	12	1,00	14,25	53,00
	273,000	406,40	254,50	30,20	101,60	273,10	304,80	323,90	12	25,40	362,00	24,00
12"	12,750	19,00	12,00	1,25	4,50	12,75	14,38	15,00	12	1,00	17,00	80,40
	323,800	482,60	304,80	31,80	114,30	323,90	365,30	381,00	12	25,40	431,80	36,50
14"	14,000	21,00		1,38	5,00	14,00	15,75	16,25	12	1,12	18,75	107,00
	355,600	533,40		35,10	127,00	355,60	400,10	412,80	12	28,40	476,30	48,40
16"	16,000	23,50		1,44	5,00	16,00	18,00	18,50	16	1,12	21,25	134,00
	406,400	596,90		36,60	127,00	406,40	457,20	469,90	16	28,40	539,80	60,60
18"	18,000	25,00		1,56	5,50	18,00	19,88	21,00	16	1,25	22,75	151,00
	457,200	635,00		39,60	139,70	457,20	505,00	533,40	16	31,80	577,90	68,30
20"	20,000	27,50		1,69	5,69	20,00	22,00	23,00	20	1,25	25,00	186,00
	508,000	698,50		42,90	144,50	508,00	558,80	584,20	20	31,80	635,00	84,50
24"	24,000	32,00		1,88	6,00	24,00	26,12	27,25	20	1,38	29,50	253,00
	609,600	812,80		47,80	152,40	609,60	663,40	692,20	20	35,10	749,30	115,00

To be specified by purchaser

The ISO PN designation is taken over from ISO 7005-1, not calculated from lb/sq. in., valid for all ISO PN designations in this book.

All items and specifications are subject to revision.

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This Flange program is only an extract  
of our delivery program.

Furthermore, we offer:

## In DIN-Standard:

Blind Flanges	DIN 2527 PN 64 / PN 100
Welding Flanges	DIN 2573 PN 6
Welding Neck Flanges	DIN 2627 / DIN 2628 / DIN 2629 / DIN 2630 / DIN 2631 / DIN 2636 / DIN 2637 / DIN 2638
Lapped Flanges / Plain collars	DIN 2641 PN 6 / DIN 2655 PN 25 DIN 2656 PN 40 / DIN 2673
Flanges for apparatus	DIN 28 030 / DIN 28 031 DIN 28 032 / DIN 28 034 DIN 28 036 / DIN 28 038

## In ANSI-Standard:

Welding Neck Flanges / Blind Flanges / Slip on Flanges /  
Lap Joint Flanges / Threaded Flanges / Reducing Flanges /  
Orifice Flanges / Long Welding Neck Flanges

Pressure up to 2500 lb/sy. in. acc. ANSI / API / ASME /  
ASTM / MSS-SP-Standard

We produce all flanges according to your specification  
and drawings, or with Ring Joint Facings or large and  
small Male / Female Facings and Tongue / Groove  
Facings. We deliver special material according to all  
standards.

Flanges acc.  
European standard  
on request!



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RO-FI Precision in Stainless Steel



Reliability by quality management - ISO 9001