

FLANGE "SLIP-ON" TYPE ANSI B16.5 CLASS #300

Material	steel ASTM A105WCB
Pressure	ANSI #300

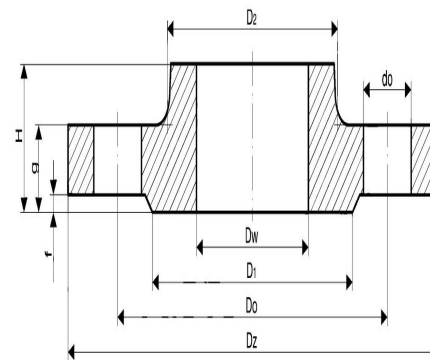
TECHNICAL DESCRIPTION

„SLIP-ON“ flanges according to ANSI B16.5 / Class #300 are pipeline elements that are widely used in the construction of steel pipelines and pipe segments (spools) used in industry, industry, shipbuilding and ship repair.

They are steel flat flanges that slide onto the end of the pipe on which they are mounted, then are welded from the inside and outside. As the pipe slides into the flange, it has a shaped neck that is welded after positioning it in place.

We stock flat / „SLIP-ON“ steel flanges according to ANSI B16.5 / class #150 and #300, but can supply flanges with class up to #2500, in various materials. We have the necessary machining equipment, which allows us to offer flanges with sealing surfaces.

- sealing surface type A, B2, C, D, E, F
- non-standard sealing surfaces on request
- profile grooves for metal sealing rings (segments) type RTJ
- threaded type flanges
- flanges made to customer specifications, and others.



SUPPORTED MATERIALS IN STOCK:

- Carbon steel ASTM A105 WCB

Dimensions: 1/2" - 24"

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No.	DETAILS	MATERIALS	STANDARD
1	FLANGE NECK (SKIRT) ANSI B16.5 / #150	steel A105 WCB (1.0432)	ASTM A 695-95
	other steels - on request		
		ASTM A105N; C22.8 (1.0460)	ASTM
		ASTM/ASME A182 F1-F12-F11	ASTM A 182-02
	other stainless steels - on request		
		Stainless Steels - ASTM A182 F304 - 304L	ASTM
		Stainless steels - AISI A182 F316 - F316L	ASTM
		Low temperature grades/alloys - ASTM A352 LF2	ASTM
		High strength steels - ASTM A694 F42; F52	ASTM

SPECIFICATION	
Standard	ANSI B16.5
Pressure	#300 (PN 50)
Sealing surface	flat face (FF)
Sealing surface options	profile channel (RTJ) or with a corner (RF)

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DN	pipe Ø	flange dimensions										open
		Dw	Dz	Do	g	do	H	d2	D1	f	kg	n
1/2"	21.3	22.3	95.2	66.5	14.2	15.7	22.3	38.1	35.0	1.6	0.64	4
3/4"	26.7	27.7	117.3	82.5	15.7	19.0	25.4	47.7	42.9	1.6	1.12	4
1"	33.4	34.5	123.9	88.9	17.5	19.0	26.9	53.8	50.8	1.6	1.36	4
1 1/4"	42.2	43.2	133.3	98.5	19.0	19.0	26.9	63.5	63.5	1.6	1.68	4
1 1/2"	48.3	49.5	155.4	114.3	20.6	22.3	30.2	69.8	73.1	1.6	2.49	4
2"	60.3	62.0	165.1	127.0	22.3	19.0	33.2	84.0	91.9	1.6	2.87	8
2 1/2"	73.0	74.7	190.5	149.3	25.4	22.3	38.1	100.0	104.6	1.6	4.32	8
3"	88.9	90.7	209.5	168.1	28.4	22.3	42.9	117.3	127.0	1.6	5.85	8
3 1/2"	101.6	103.4	228.6	184.1	30.2	22.3	44.4	133.3	139.7	1.6	7.34	8
4"	114.3	116.1	254.0	200.1	31.7	22.3	47.7	146.0	157.2	1.6	9.61	8
5"	141.3	143.8	279.4	234.9	35.0	22.3	50.8	177.8	185.6	1.6	12.3	8
6"	168.3	170.7	317.5	269.7	36.5	22.3	52.3	206.3	215.9	1.6	15.6	12
8"	219.1	221.5	381.0	330.2	41.1	25.4	61.9	260.3	269.7	1.6	24.2	12
10"	273.0	276.3	444.5	387.3	47.7	28.4	66.5	320.5	323.8	1.6	34.1	16
12"	323.8	327.1	520.7	450.8	50.8	31.7	73.1	374.6	381.0	1.6	49.8	16
14"	355.6	359.1	584.2	514.3	53.8	31.7	76.2	425.4	412.7	1.6	69.9	20
16"	406.4	410.5	647.7	571.5	57.1	35.0	82.5	482.6	469.9	1.6	88.1	20
18"	457.2	461.8	711.2	628.6	60.4	35.0	88.9	533.4	533.4	1.6	109	24
20"	508.0	513.1	774.7	685.8	63.5	35.0	95.2	587.2	584.2	1.6	134	24
24"	609.6	615.9	914.4	812.8	69.8	41.1	106.4	701.5	692.1	1.6	201	24