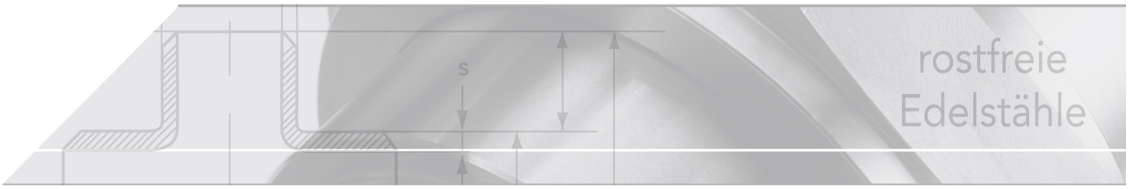
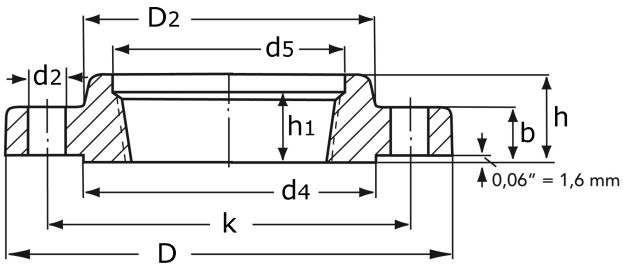


threaded flange class 300

ASME B 16.5

short name: TF300*

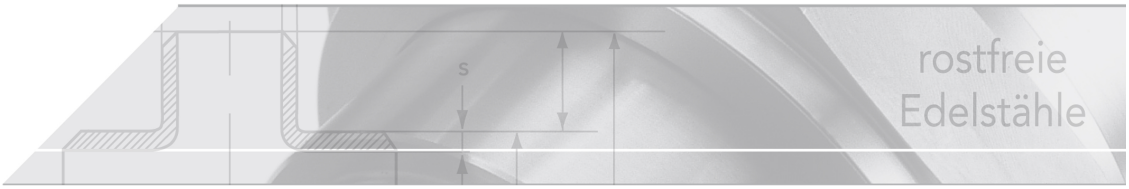


technical product sheet

	Za	D	d5	b	h	h1	D2	d4	Anz	d2	k	kg
1/2"	Ø21,30	95,0	23,6	14,7	23,0	16,0	38,0	34,9	4	15,9	66,7	0,640
3/4"	Ø26,70	115,0	29,0	16,3	26,0	16,0	48,0	42,9	4	19,1	82,6	1,120
1"	Ø33,40	125,0	35,8	17,9	27,0	18,0	54,0	50,8	4	19,1	88,9	1,400
1 1/4"	Ø42,16	135,0	44,4	19,5	27,0	21,0	64,0	63,5	4	19,1	98,4	1,870
1 1/2"	Ø48,26	155,0	50,3	21,1	31,0	23,0	70,0	73,0	4	22,2	114,3	2,490
2"	Ø60,32	165,0	63,5	22,7	34,0	29,0	84,0	92,1	8	19,1	127,0	2,870
2 1/2"	Ø73,03	190,0	76,2	25,9	39,0	32,0	100,0	104,8	8	22,2	149,2	4,320
3"	Ø88,90	210,0	92,2	29,0	43,0	32,0	117,0	127,0	8	22,2	168,3	5,850
3 1/2"	Ø101,60	230,0	104,9	30,6	45,0	37,0	133,0	139,7	8	22,2	184,2	7,340
4"	Ø114,30	255,0	117,6	32,2	48,0	37,0	146,0	157,2	8	22,2	200,0	9,610
5"	Ø141,30	280,0	144,4	35,4	51,0	43,0	178,0	185,7	8	22,2	235,0	12,300

available material: ask

Flanges › ANSI/ ASME › threaded › class 300



pressure-temperature-classification

for material group 2.3 (Gr. 304L and Gr. 316L)

Temp./ Class	150	300	600	900	1500
-29 to 38° C	15,9	41,4	82,7	124,1	206,8 bar
50° C	15,3	40,0	80,0	120,1	200,1 bar
100° C	13,3	34,8	69,6	104,4	173,9 bar
150° C	12,0	31,4	62,8	94,2	157,0 bar
200° C	11,2	29,2	58,3	87,5	145,8 bar
250° C	10,5	27,5	54,9	82,4	137,3 bar
300° C	10,0	26,1	52,1	78,2	130,3 bar
325° C	9,3	25,5	51,0	76,4	127,4 bar
350° C	8,4	25,1	50,1	75,2	125,4 bar
375° C	7,4	24,8	49,5	74,3	123,8 bar
400° C	6,5	24,3	48,6	72,9	121,5 bar
425° C	5,5	23,9	47,7	71,6	119,3 bar
450° C	4,6	23,4	46,8	70,2	117,1 bar