

HUBBED SLIP-ON STAINLESS STEEL 316L FLANGE FOR WELDING TYPE 12B CLASS 300

Hubbed slip-on forged stainless steel 316L flange for welding type 12/B Class 300 PN50 according to ASME B16.5 for gas or fluids.

To connect valves with flanges Class 300 PN50 (ball valves, gate valves, check valves, strainer...).

Certificate

3.1



Size : DN15 to DN200 (NPS 1/2" to 8")

Connection : Class 300 PN50

Max Temperature : + 450°C

Max Pressure : 40 bars

Specifications : Raised face (RF)

Type 12B

Drinking water compatibility

Hubbed slip-on flange

Materials : Forged stainless steel F316L

HUBBED SLIP-ON STAINLESS STEEL 316L FLANGE FOR WELDING TYPE 12B CLASS 300

SPECIFICATIONS :

- Raised face (RF)
- Hubbed slip-on flange
- Forged stainless steel F316L

USE :

- For fluids or gas
- Max Temperature Ts : + 450°C
- Max pressure Ps : 40 bars

RANGE :

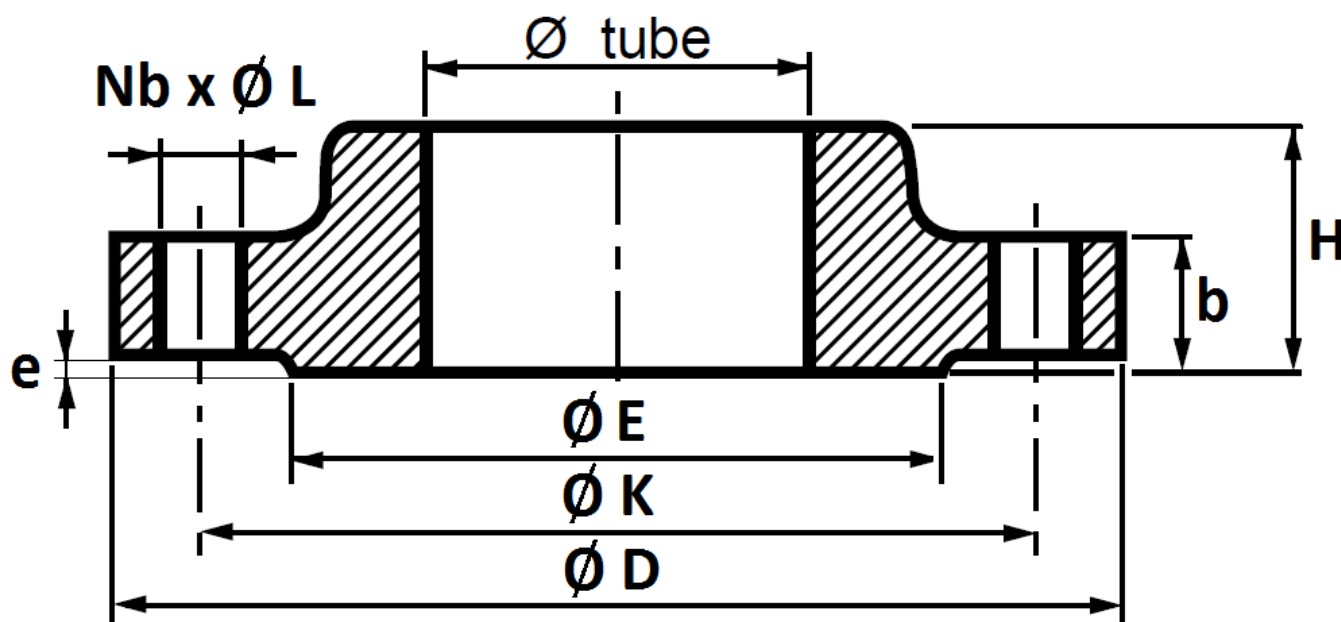
- Hubbed slip-on forged stainless steel 316L flange for welding Type 12B Class 300 **Ref. 4SO50** from DN15 to DN200 (NPS 1/2" - 8")

PRESSURE / TEMPERATURE RELATION ACCORDING TO ASME B16.34 TABLE 2-2.3 GROUP 2.3 CLASS 300 :

Pressure (bar)	41.4	41.4	40	34.8	31.4	29.2	27.5	26.1	25.1	24.3	23.9	23.4
Temperature (°C)	-29	38	50	100	150	200	250	300	350	400	425	450

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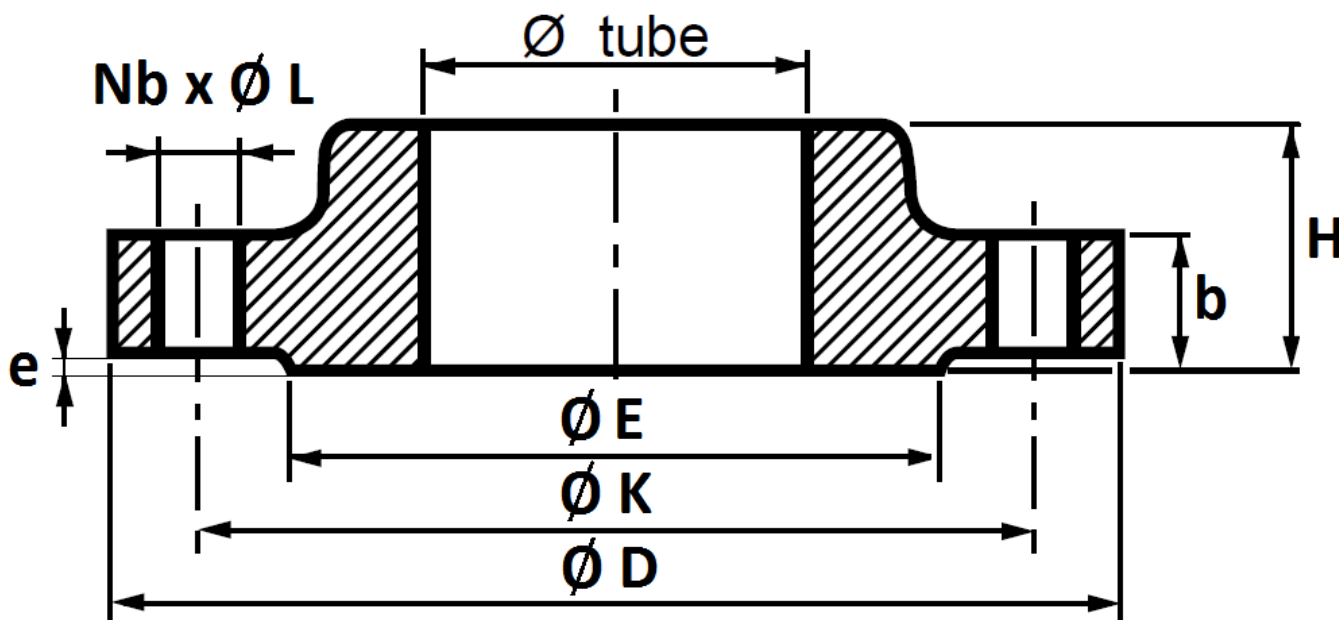
SIZE DN15-100 (NPS 1/2"-4") (in mm) :



DN	15	20	25	32	40	50	65	80	100
NPS	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Ø D	95.2	117.5	123.8	133.3	155.6	165.1	190.5	209.5	254
Ø K	66.7	82.5	88.9	98.4	114.3	127	149.2	168.3	200
Ø E	34.9	42.9	50.8	63.5	73	92.1	104.8	127	157.2
Ø Tube	21.3	26.7	33.5	42.2	48.3	60.3	73.1	88.9	114.3
H	22.2	25.4	27	27	30.2	33.3	38.1	42.9	47.6
b	14.3	15.9	17.5	19	20.6	22.2	25.4	28.6	31.8
e	1.6								
Nb x Ø L	4 x 15.9	4 x 19				8 x 22.2			
Weig. (Kg)	0.9	1.4	1.4	1.8	2.7	3.2	4.5	5.9	10
Ref.	4SO5015	4SO5020	4SO5025	4SO5032	4SO5040	4SO5050	4SO5065	4SO5080	4SO50100

HUBBED SLIP-ON STAINLESS STEEL 316L FLANGE FOR WELDING TYPE 12B CLASS 300

SIZE DN125-200 (NPS 5"-8") (in mm) :



DN	125	150	200
NPS	5"	6"	8"
Ø D	279.4	317.5	381
Ø K	234.9	269.9	330.2
Ø E	185.7	215.9	269.9
Ø Tube	141.2	168.3	219.1
H	50.8	52.4	61.9
b	34.9	36.5	41.3
e	1.6		
Nb x ØL	8 x 22.2	12 x 22.2	12 x 25.4
Weight (Kg)	12.7	17.7	26.3
Ref.	4SO50125	4SO50150	4SO50200

HUBBED SLIP-ON STAINLESS STEEL 316L FLANGE FOR WELDING TYPE 12B CLASS 300**STANDARDS :**

- Manufacturer certified ISO 9001 : 2015
- DIRECTIVE 2014/68/EU : Products excluded from directive (article 4, § 3)
- Certificate 3.1 on request
- Designing according to ASME B16.5 Class 300 PN50
- Forged stainless steel F316L Group 2.3 according to ASME B16.34
- Stainless steel 316L for drinking water compatibility

ADVICE : Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages.
The customer must check the right choice of the products with the real service conditions.

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