

HUBBED SLIP-ON STAINLESS STEEL 316L FLANGE FOR WELDING TYPE 12B CLASS 150

Hubbed slip-on forged stainless steel 316L flange for welding type 12/B Class 150 PN20 according to ASME B16.5 for gas or fluids.

To connect valves with flanges Class 150 PN20 (ball valves, gate valves, check valves, strainer...).

Certificate

3.1



Size : DN15 to DN250 (NPS 1/2" to 10")

Connection : Class 150 PN20

Max Temperature : + 450°C

Max Pressure : 16 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 150

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 : 16 bars

RANGE :

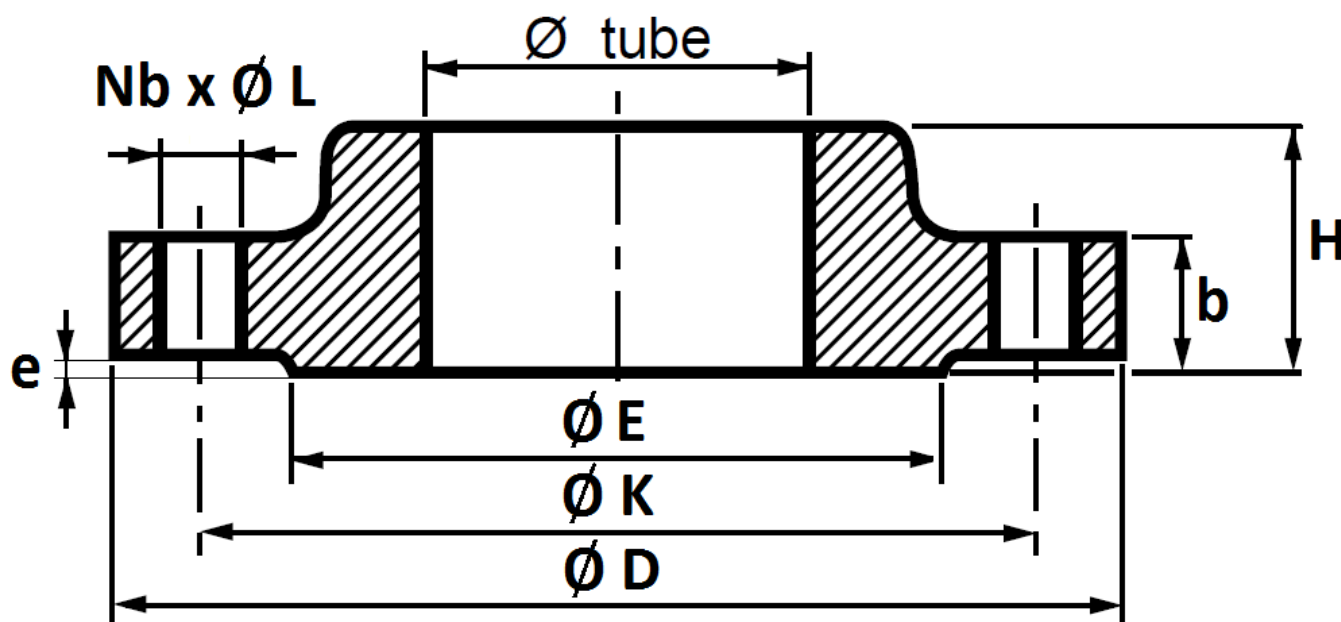
- Hubbed slip-on forged stainless steel 316L flange for welding Type 12B Class 150 **Ref. 4SO20** from DN15 to DN250 (NPS 1/2" - 10")

PRESSURE / TEMPERATURE RELATION ACCORDING TO ASME B16.34 TABLE 2-2.3 GROUP 2.3 CLASS 150 :

Pressure (bar)	15.9	15.9	15.3	13.3	12	11.2	10.5	10	8.4	6.5	5.5	4.6
Temperature (°C)	-29	38	50	100	150	200	250	300	350	400	425	450

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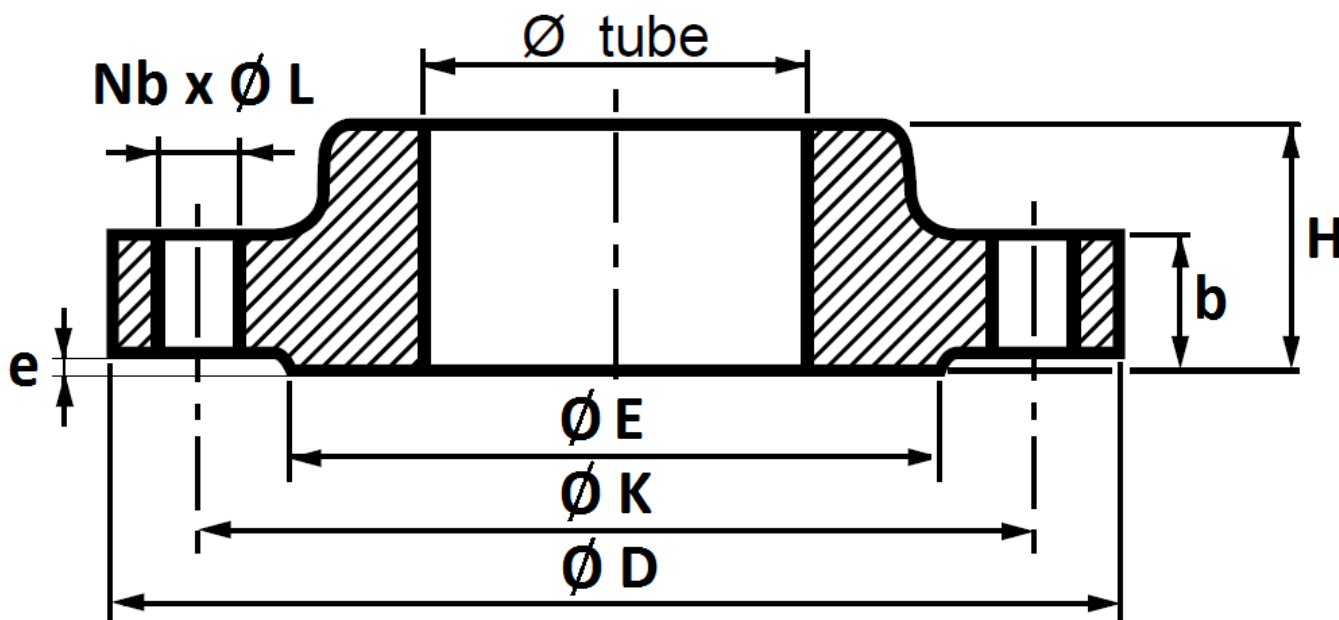
SIZE DN15-100 (NPS 1/2"-4") (in mm) :



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	89	99	108	117	127	152	178	190	229
Ø K	60.3	69.8	79.4	88.9	98.4	120.6	139.7	152.4	190.5
Ø E	34.9	42.4	50.9	63.5	73	82.1	104.8	127	157.2
Ø Tube	21.3	26.7	33.4	42.8	48.3	60.3	73.1	88.9	114.3
H	16	16	17	21	22	25	29	30	33
b	11.2	12.7	14.3	15.9	17.5	19.1	22.3	23.9	23.9
e	1.6								
Nb x ØL	4 x 15.8					4 x 19			8 x 19
Weig. (Kg)	0.5	0.6	0.8	1.1	1.4	2.3	3.2	3.6	5.9
Ref.	4SO2015	4SO2020	4SO2025	4SO2032	4SO2040	4SO2050	4SO2065	4SO2080	4SO20100

HUBBED SLIP-ON STAINLESS STEEL 316L FLANGE FOR WELDING TYPE 12B CLASS 150

SIZE DN125-250 (NPS 5"-10") (in mm) :



DN	125	150	200	250
NPS	5"	6"	8"	10"
Ø D	254	279	343	406.4
Ø K	215.9	241.3	298.4	361.9
Ø E	185.7	215.9	269.9	323.8
Ø Tube	141.2	168.4	219.1	273
H	37	40	44	49.2
b	23.9	25.4	28.6	30.2
e	1.6			
Nb x ØL	8 x 22.2			12 x 25.4
Weig. (Kg)	6.8	8.6	13.6	19.5
Ref.	4SO20125	4SO20150	4SO20200	4SO20250

HUBBED SLIP-ON STAINLESS STEEL 316L FLANGE FOR WELDING TYPE 12B CLASS 150**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 150 PN20
- 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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