

CF Weld Flange with Thread



- Pressure range: 1 · 10⁻¹² mbar to ambient pressure
- Custom lengths available upon request
- Bake out range is up to 450°C
- Materials:

Stainless Steel 304/1.4301

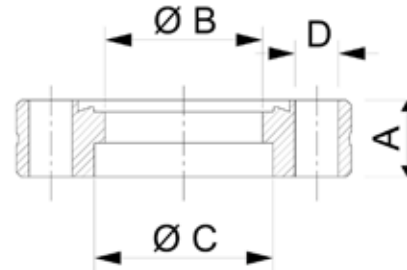
Stainless Steel 316L/1.4404

Stainless Steel 316LN ESR/1.4429

Stainless Steel 316LN ESR/1.4429 ESU features

- Ideal for constantly dismantled chamber ports
- Electro-slag Remelt (ESR) to improve grain homogeneity and remove gross macro segregation
- Lower magnetic permeability for applications sensitive to magnetic materials ($\mu \leq 1.005$ vs. 1.03 for 304L SS)
- Pressure range: 1 · 10⁻¹³ mbar to ambient pressure

Dimensions



Stainless Steel 304/1.4301

- Temperature range: -196 to 300 °C

Size (DN)	Tube Dimension (mm)	A (mm)	B (mm)	C (mm)	D	Order No
16	18x1	7.5	16	18.15	M4	VC4FLK1SS016-18
25	28x2	12	24	28.2	M6	VC4FLK1SS025-28
40	38x1.5	13	35	38.2	M6	VC4FLK1SS040-38
40	40x1.5	13	37	40.2	M6	VC4FLK1SS040-40
40	42.4x2	13	38.4	42.6	M6	VC4FLK1SS040-42
40	44.5x2	13	40.5	44.7	M6	VC4FLK1SS040-44
63	70x2	17.5	66	70.3	M8	VC4FLK1SS063-70
100	104x2	20	100	104.3	M8	VC4FLK1SS100-104
100	108x2	20	104	108.3	M8	VC4FLK1SS100-108
160	154x2	21.5	150	154.3	M8	VC4FLK1SS160-154
160	159x2	21.5	155	159.3	M8	VC4FLK1SS160-159
200	204x2	24.5	200	204.3	M8	VC4FLK1SS200-204
200	205x2.5	24.5	200	205.3	M8	VC4FLK1SS200-205
250	254x2	24.5	250	254.3	M8	VC4FLK1SS250-254
250	256x3	24.5	250	256.3	M8	VC4FLK1SS250-256
300	306x3	28.5	300	306.3	M10	VC4FLK1SS300-306

Stainless Steel 316L/1.4404

- Temperature range: -196 to 350 °C

Size (DN)	Tube Dimension (mm)	A (mm)	B (mm)	C (mm)	D	Order No
16	18x1	7.5	16	18.15	M4	VC4FLK2SS016-18
25	28x2	12	24	28.2	M6	VC4FLK2SS025-28
40	38x1.5	13	35	38.2	M6	VC4FLK2SS040-38
40	40x1.5	13	37	40.2	M6	VC4FLK2SS040-40
40	42.4x2	13	38.4	42.6	M6	VC4FLK2SS040-42
40	44.5x2	13	40.5	44.7	M6	VC4FLK2SS040-44
63	70x2	17.5	66	70.3	M8	VC4FLK2SS063-70
100	104x2	20	100	104.3	M8	VC4FLK2SS100-104
100	108x2	20	104	108.3	M8	VC4FLK2SS100-108
160	154x2	21.5	150	154.3	M8	VC4FLK2SS160-154
160	159x2	21.5	155	159.3	M8	VC4FLK2SS160-159
200	204x2	24.5	200	204.3	M8	VC4FLK2SS200-204
200	205x2.5	24.5	200	205.3	M8	VC4FLK2SS200-205
250	254x2	24.5	250	254.3	M8	VC4FLK2SS250-254
250	256x3	24.5	250	256.3	M8	VC4FLK2SS250-256
300	306x3	28.5	300	306.3	M10	VC4FLK2SS300-306

Stainless Steel 316LN ESR/1.4429 ESU

- Temperature range: -196 to 350 °C

Size (DN)	Tube Dimension (mm)	A (mm)	B (mm)	C (mm)	D	Order No
16	18x1	7.5	16	18.15	M4	VC4FLK3SS016-18
25	28x2	12	24	28.2	M6	VC4FLK3SS025-28
40	38x1.5	13	35	38.2	M6	VC4FLK3SS040-38
40	40x1.5	13	37	40.2	M6	VC4FLK3SS040-40
40	42.4x2	13	38.4	42.6	M6	VC4FLK3SS040-42
40	44.5x2	13	40.5	44.7	M6	VC4FLK3SS040-44
63	70x2	17.5	66	70.3	M8	VC4FLK3SS063-70
100	104x2	20	100	104.3	M8	VC4FLK3SS100-104
100	108x2	20	104	108.3	M8	VC4FLK3SS100-108
160	154x2	21.5	150	154.3	M8	VC4FLK3SS160-154
160	159x2	21.5	155	159.3	M8	VC4FLK3SS160-159
200	204x2	24.5	200	204.3	M8	VC4FLK3SS200-204
200	205x2.5	24.5	200	205.3	M8	VC4FLK3SS200-205
250	254x2	24.5	250	254.3	M8	VC4FLK3SS250-254
250	256x3	24.5	250	256.3	M8	VC4FLK3SS250-256
300	306x3	28.5	300	306.3	M10	VC4FLK3SS300-306