

CF Blanking Flange with Thread



- Flange with threaded holes
- Pressure range: $1 \cdot 10^{-12}$ mbar to ambient pressure
- Custom lengths available upon request
- Bake out range is up to 450°C
- Materials:

Stainless Steel 304/1.4301

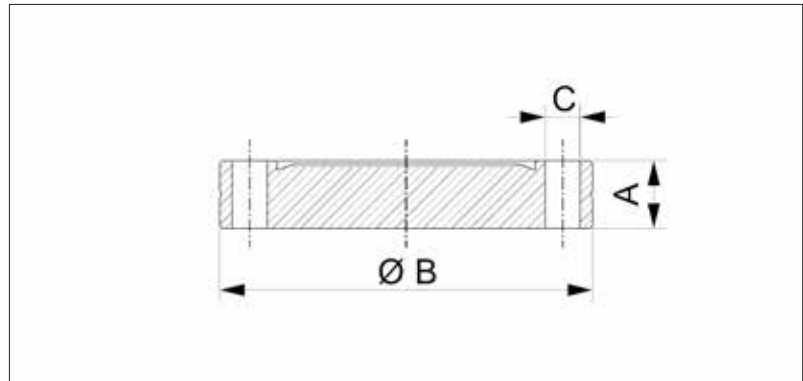
Stainless Steel 316L/1.4404

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)
- Low desorption
- Bakeable under vacuum up to 1050 °C
- Pressure range: $1 \cdot 10^{-13}$ mbar to ambient pressure

Dimensions



Stainless Steel 304/1.4301

- Temperature range: -196 to 300 °C

Size (DN)	A (mm)	B (mm)	C	Order No
16	7.5	34	M4	VC4FLG1SS016
40	13	69.9	M6	VC4FLG1SS040
63	17.5	113.5	M8	VC4FLG1SS063
100	20	152	M8	VC4FLG1SS100
160	21.5	202.4	M8	VC4FLG1SS160
200	24.5	253.2	M8	VC4FLG1SS200
250	24.5	304.8	M8	VC4FLG1SS250
300	28.5	368.3	M10	VC4FLG1SS300
350	28.5	419.1	M10	VC4FLG1SS350

Stainless Steel 316L/1.4404

- Temperature range: -196 to 350 °C

Size (DN)	A (mm)	B (mm)	C	Order No
16	7.5	34	M4	VC4FLG2SS016
40	13	69.9	M6	VC4FLG2SS040
63	17.5	113.5	M8	VC4FLG2SS063
100	20	152	M8	VC4FLG2SS100
160	21.5	202.4	M8	VC4FLG2SS160
200	24.5	253.2	M8	VC4FLG2SS200
250	24.5	304.8	M8	VC4FLG2SS250
300	28.5	368.3	M10	VC4FLG2SS300
350	28.5	419.1	M10	VC4FLG2SS350

Stainless Steel 316LN ESR/1.4429 ESU

- Temperature range: -196 to 350 °C

Size (DN)	A (mm)	B (mm)	C	Order No
16	7.5	34	M4	VC4FLG3SS016
40	13	69.9	M6	VC4FLG3SS040
63	17.5	113.5	M8	VC4FLG3SS063
100	20	152	M8	VC4FLG3SS100
160	21.5	202.4	M8	VC4FLG3SS160
200	24.5	253.2	M8	VC4FLG3SS200
250	24.5	304.8	M8	VC4FLG3SS250
300	28.5	368.3	M10	VC4FLG3SS300
350	28.5	419.1	M10	VC4FLG3SS350