

CF Reducer Flange



- The reduced-size flange has blind tapped holes. Please ensure the screws used for assembly are in the right length.
- 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

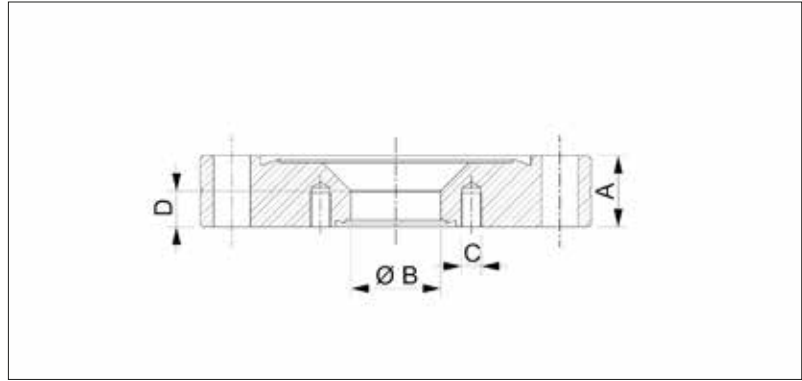
Stainless Steel 316L/1.4404

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)	Reducer Flange Size (DN)	A (mm)	B (mm)	C	D (mm)	Order No
40	16	13	16	M4	6	VC4FLO1SS040-016
63	16	17.5	16	M4	6	VC4FLO1SS063-016
63	40	17.5	37	M6	9	VC4FLO1SS063-040
100	40	20	37	M6	9	VC4FLO1SS100-040
100	50	20	47.5	M8	10	VC4FLO1SS100-050
100	63	20	66	M8	13	VC4FLO1SS100-063
160	40	21.5	37	M6	9	VC4FLO1SS160-040
160	63	21.5	66	M8	13	VC4FLO1SS160-063
160	100	21.5	100	M8	13	VC4FLO1SS160-100
200	40	24.5	37	M6	9	VC4FLO1SS200-040
200	63	24.5	66	M8	13	VC4FLO1SS200-063
200	100	24.5	100	M8	13	VC4FLO1SS200-100
200	160	24.5	155	M8	13	VC4FLO1SS200-160
250	40	26	37	M6	9	VC4FLO1SS250-040
250	63	26	66	M8	13	VC4FLO1SS250-063
250	100	26	100	M8	13	VC4FLO1SS250-100
250	160	26	155	M8	13	VC4FLO1SS250-160
250	200	26	200	M8	13	VC4FLO1SS250-200

Stainless Steel 316L/1.4404

- Temperature range: -196 to 350 °C

Size (DN)	Reducer Flange Size (DN)	A (mm)	B (mm)	C	D (mm)	Order No
40	16	13	16	M4	6	VC4FLO2SS040-016
63	16	17.5	16	M4	6	VC4FLO2SS063-016
63	40	17.5	37	M6	9	VC4FLO2SS063-040
100	40	20	37	M6	9	VC4FLO2SS100-040
100	50	20	47.5	M8	10	VC4FLO1SS100-050
100	63	20	66	M8	13	VC4FLO2SS100-063
160	40	21.5	37	M6	9	VC4FLO2SS160-040
160	63	21.5	66	M8	13	VC4FLO2SS160-063
160	100	21.5	100	M8	13	VC4FLO2SS160-100
200	40	24.5	37	M6	9	VC4FLO2SS200-040
200	63	24.5	66	M8	13	VC4FLO2SS200-063
200	100	24.5	100	M8	13	VC4FLO2SS200-100
200	160	24.5	155	M8	13	VC4FLO2SS200-160
250	40	26	37	M6	9	VC4FLO2SS250-040
250	63	26	66	M8	13	VC4FLO2SS250-063
250	100	26	100	M8	13	VC4FLO2SS250-100
250	160	26	155	M8	13	VC4FLO2SS250-160
250	200	26	200	M8	13	VC4FLO2SS250-200

Stainless Steel 316LN ESR/1.4429 ESU

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100	40	20	37	M6	9	VC4FLO1SS100-040
100	50	20	47.5	M8	10	VC4FLO1SS100-050
100	63	20	66	M8	13	VC4FLO1SS100-063
160	40	21.5	37	M6	9	VC4FLO1SS160-040
160	63	21.5	66	M8	13	VC4FLO1SS160-063
160	100	21.5	100	M8	13	VC4FLO1SS160-100
200	40	24.5	37	M6	9	VC4FLO1SS200-040
200	63	24.5	66	M8	13	VC4FLO1SS200-063
200	100	24.5	100	M8	13	VC4FLO1SS200-100
200	160	24.5	155	M8	13	VC4FLO1SS200-160
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250	63	26	66	M8	13	VC4FLO1SS250-063
250	100	26	100	M8	13	VC4FLO1SS250-100
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