



HV & UHV Vacuum Products Catalogue

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- ▶ **CONSUMABLES**
- ▶ VALVES
- ▶ PUMPS
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CF Flanges and Components

- **CF to ASA Adaptors**

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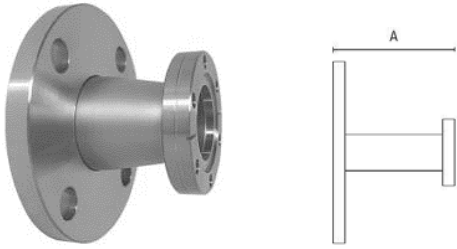
CF to ASA Adaptors

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CF to ASA Adaptors | Straight | Flat



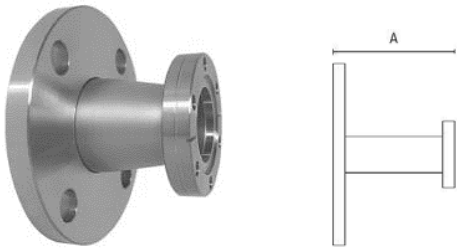
- Standard material: SS 304/L
- Flat and Groove mixed styles in fixed and rotatable and custom lengths available by request
- CF Flange Rotatable, ASA Flange Fixed
- Pressure range 1×10^{-6} mbar
- Temperature range: -195 to 300°C
- Other flange combinations, bore sizes and conical tube available
- O-rings, bolt sets and CF gaskets available

Flat

ASA Size	ASA OD	CF Size	CF OD	A dim	Part Code
1	4.25	CF16	1.33	5.0	ASA1FCF16TRAR
1.5	5.0	CF16	1.33	5.0	ASA1.5FCF16TRAR
2	6.0	CF16	1.33	5.0	ASA2FCF16TRAR
3	7.5	CF16	1.33	5.0	ASA3FCF16TRAR
4	9.0	CF16	1.33	5.0	ASA4FCF16TRAR
6	11.0	CF16	1.33	5.0	ASA6FCF16TRAR
1	4.25	CF35	2.75	5.0	ASA1FCF35TRAR
1.5	5.0	CF35	2.75	5.0	ASA1.5FCF35TRAR
2	6.0	CF35	2.75	5.0	ASA2FCF35TRAR
3	7.5	CF35	2.75	5.0	ASA3FCF35TRAR
4	9.0	CF35	2.75	5.0	ASA4FCF35TRAR
6	11.0	CF35	2.75	5.0	ASA6FCF35TRAR
8	13.5	CF35	2.75	5.0	ASA8FCF35TRAR
2	6.0	CF63	4.50	5.0	ASA2FCF63TRAR
3	7.5	CF63	4.50	5.0	ASA3FCF63TRAR
4	9.0	CF63	4.50	5.0	ASA4FCF63TRAR
6	11.0	CF63	4.50	5.0	ASA6FCF63TRAR
8	13.5	CF63	4.50	5.0	ASA8FCF63TRAR
10	16.0	CF63	4.50	5.0	ASA10FCF63TRAR
4	9.0	CF100	6.00	5.0	ASA4FCF100TRAR
6	11.0	CF100	6.00	5.0	ASA6FCF100TRAR
8	13.5	CF100	6.00	5.0	ASA8FCF100TRAR
10	16.0	CF100	6.00	5.0	ASA10FCF100TRAR
6	11.0	CF150	8.00	5.0	ASA6FCF150TRAR
8	13.5	CF150	8.00	5.0	ASA8FCF150TRAR
10	16.0	CF150	8.00	5.0	ASA10FCF150TRAR
8	13.5	CF200	10.00	5.0	ASA8FCF200TRAR
10	16.0	CF200	10.00	5.0	ASA10FCF200TRAR

all dimensions are measured in inches unless otherwise stated

CF to ASA Adaptors | Straight | Groove



- Standard material: SS 304/L
- Flat and Groove mixed styles in fixed and rotatable and custom lengths available by request
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- Pressure range 1×10^{-6} mbar
- Temperature range: -195 to 300°C
- Other flange combinations, bore sizes and conical tube available
- O-rings, bolt sets and CF gaskets available

Groove

ASA Size	ASA OD	CF Size	CF OD	A dim	Part Code
1	4.25	CF16	1.33	5.0	ASA1GCF16TRAR
1.5	5.0	CF16	1.33	5.0	ASA1.5GCF16TRAR
2	6.0	CF16	1.33	5.0	ASA2GCF16TRAR
3	7.5	CF16	1.33	5.0	ASA3GCF16TRAR
4	9.0	CF16	1.33	5.0	ASA4GCF16TRAR
6	11.0	CF16	1.33	5.0	ASA6GCF16TRAR
1	4.25	CF35	2.75	5.0	ASA1GCF35TRAR
1.5	5.0	CF35	2.75	5.0	ASA1.5GCF35TRAR
2	6.0	CF35	2.75	5.0	ASA2GCF35TRAR
3	7.5	CF35	2.75	5.0	ASA3GCF35TRAR
4	9.0	CF35	2.75	5.0	ASA4GCF35TRAR
6	11.0	CF35	2.75	5.0	ASA6GCF35TRAR
8	13.5	CF35	2.75	5.0	ASA8GCF35TRAR
2	6.0	CF63	4.50	5.0	ASA2GCF63TRAR
3	7.5	CF63	4.50	5.0	ASA3GCF63TRAR
4	9.0	CF63	4.50	5.0	ASA4GCF63TRAR
6	11.0	CF63	4.50	5.0	ASA6GCF63TRAR
8	13.5	CF63	4.50	5.0	ASA8GCF63TRAR
10	16.0	CF63	4.50	5.0	ASA10GCF63TRAR
4	9.0	CF100	6.00	5.0	ASA4GCF100TRAR
6	11.0	CF100	6.00	5.0	ASA6GCF100TRAR
8	13.5	CF100	6.00	5.0	ASA8GCF100TRAR
10	16.0	CF100	6.00	5.0	ASA10GCF100TRAR
6	11.0	CF150	8.00	5.0	ASA6GCF150TRAR
8	13.5	CF150	8.00	5.0	ASA8GCF150TRAR
10	16.0	CF150	8.00	5.0	ASA10GCF150TRAR
8	13.5	CF200	10.00	5.0	ASA8GCF200TRAR
10	16.0	CF200	10.00	5.0	ASA10GCF200TRAR

all dimensions are measured in inches unless otherwise stated

CF to ASA Zero-Length Adaptors | Flat



- Standard material: SS 304/L
- CF use metric tapped bolt holes
- Pressure range 1×10^{-6} mbar
- Temperature range: -195 to 300°C
- O-rings, bolt sets and CF gaskets available

Flat



ASA Size	ASA OD	CF Size	CF OD	CF Bolts	Part Code
1	4.25	CF16	1.33	M4	ASA1FCF16ZLA
1.5	5.0	CF16	1.33	M4	ASA1.5FCF16ZLA
2	6.0	CF16	1.33	M4	ASA2FCF16ZLA
3	7.5	CF16	1.33	M6	ASA3FCF16ZLA
4	9.0	CF16	1.33	M4	ASA4FCF16ZLA
6	11.0	CF16	1.33	M4	ASA6FCF16ZLA
1	4.25	CF35	2.75	M6	ASA1FCF35ZLA
1.5	5.0	CF35	2.75	M6	ASA1.5FCF35ZLA
2	6.0	CF35	2.75	M6	ASA2FCF35ZLA
3	7.5	CF35	2.75	M6	ASA3FCF35ZLA
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6	11.0	CF35	2.75	M6	ASA6FCF35ZLA
8	13.5	CF35	2.75	M6	ASA8FCF35ZLA
2	6.0	CF63	4.50	M8	ASA2FCF63ZLA
3	7.5	CF63	4.50	M8	ASA3FCF63ZLA
4	9.0	CF63	4.50	M8	ASA4FCF63ZLA
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8	13.5	CF150	8.00	M8	ASA8FCF150ZLA
10	16.0	CF150	8.00	M8	ASA10FCF150ZLA
8	13.5	CF200	10.00	M8	ASA8FCF200ZLA
10	16.0	CF200	10.00	M8	ASA10FCF200ZLA

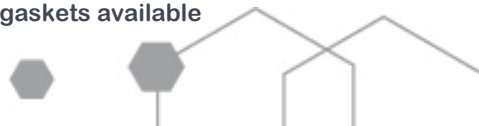
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CF to ASA Zero-Length Adaptors | Groove



- Standard material: SS 304/L
- CF use metric tapped bolt holes
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Groove



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3	7.5	CF16	1.33	M6	ASA3GCF16ZLA
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6	11.0	CF16	1.33	M4	ASA6GCF16ZLA
1	4.25	CF35	2.75	M6	ASA1GCF35ZLA
1.5	5.0	CF35	2.75	M6	ASA1.5GCF35ZLA
2	6.0	CF35	2.75	M6	ASA2GCF35ZLA
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3	7.5	CF63	4.50	M8	ASA3GCF63ZLA
4	9.0	CF63	4.50	M8	ASA4GCF63ZLA
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8	13.5	CF200	10.00	M8	ASA8GCF200ZLA
10	16.0	CF200	10.00	M8	ASA10GCF200ZLA

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