Vacuum Fittings
KF Flanges and Fittings

Application
- Vacuum sealing for 1/2" - 2" O.D. tubing in the semiconductor industry

Sizes
- KF10 - KF50

Features
- Each assembly contains two identical flanges and a centering ring assembly and is clamped together with a thumbscrew clamp
- Coupling features prevent O-ring collapse and keep the assembly aligned
- KF flanges are compatible with other ISO-KF-QF vacuum flange manufacturers' components
- All fittings are IPA cleaned and bagged in a controlled environment
- MTRs available

Materials
- Fittings: 304 or 316L stainless steel
- Clamps: aluminum
- O-ring: FKM

Specifications
- Maximum temperature: **302°F (150°C)**
- Helium leakage testing to $1x10^{-8}$ Torr
- Standards followed: ISO2681

Part Number Key

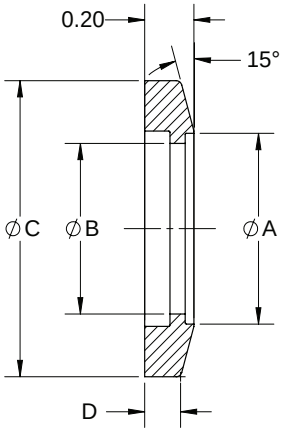
Example: DVF - A 10 G A

(KF10, 304 stainless steel bored flange)

Product Line	-	Series	Size	Material	Type
DVF		A - KF B - ISO C - Fitting	10 - KF10 16 - KF16 25 - KF25 40 - KF40 50 - KF50	G - 304 stainless steel R - 316L stainless steel[1] L - Aluminum (clamp only)	A - KF bored flange B - KF blank flange C - KF short weld flange D - KF long weld flange E - KF centering ring assembly F - KF overpressure ring G - KF flex bellow H - KF clamp

[1] Minimum quantity requirements apply.

KF Bored Flanges



Flange Size	A (in)	B (in)	C (in)	D (in)	304 Stainless Steel Part #
KF10	0.51	0.45	1.18	0.12	DVF-A10GA
KF16	0.76	0.68	1.18	0.11	DVF-A16GA
KF25	1.01	0.94	1.58	0.13	DVF-A25GA
KF40	1.51	1.43	2.17	0.12	DVF-A40GA
KF50	2.01	1.94	2.95	0.12	DVF-A50GA