

### Vacuum Weld Fittings



**Application**

- Vacuum sealing weld fittings used in the semiconductor industry

**Sizes**

- 1/2" to 6"

**Features**

- Material Test Reports (MTRs) available
- Precision crafted to ensure a leak-free fit

**Material**

- Fittings: 304 stainless steel standard (316L stainless steel optional)

**Specifications**

- Helium leakage testing to 1x10<sup>-8</sup> Torr
- Maximum temperature: **302°F (150°C)**
- Standards followed: ASTM A270, ASTM A269, and ASME SA270

**Part Number Key**

Example: **DVF - C 050 G 1 Q**

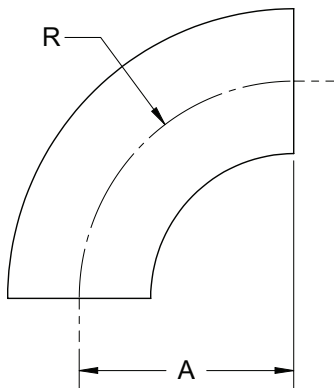
(1/2" 90° elbow, polished weld fitting, 304 stainless steel)

Product Line	-	Series	Size	Material	Finish	Type
DVF		A – KF B – ISO C – Fitting	050 – 1/2" 075 – 3/4" 100 – 1" 150 – 1-1/2" 200 – 2" 250 – 2-1/2" 300 – 3" 400 – 4" 600 – 6"	G – 304 stainless steel R – 316L stainless steel <sup>1</sup>	1 – polished 2 – bead blast <sup>1</sup>	Q – 90° elbow R – 90° elbow with tangents S – 45° elbow T – 45° elbow with tangents U – concentric reducer V – tee W – reducing tee

M

<sup>1</sup> Minimum quantity requirements apply.

**Weld 90° Elbows**



O.D.	A (in)	R (in)	304 Stainless Steel Part #
1/2"	0.75	0.75	DVF-C050G1Q
3/4"	1.00	1.00	DVF-C075G1Q
1"	1.50	1.50	DVF-C100G1Q
1-1/2"	2.25	2.25	DVF-C150G1Q
2"	3.00	3.00	DVF-C200G1Q
2-1/2"	3.75	3.75	DVF-C250G1Q
3"	4.50	4.50	DVF-C300G1Q
4"	6.00	6.00	DVF-C400G1Q
6"	9.00	9.00	DVF-C600G1Q