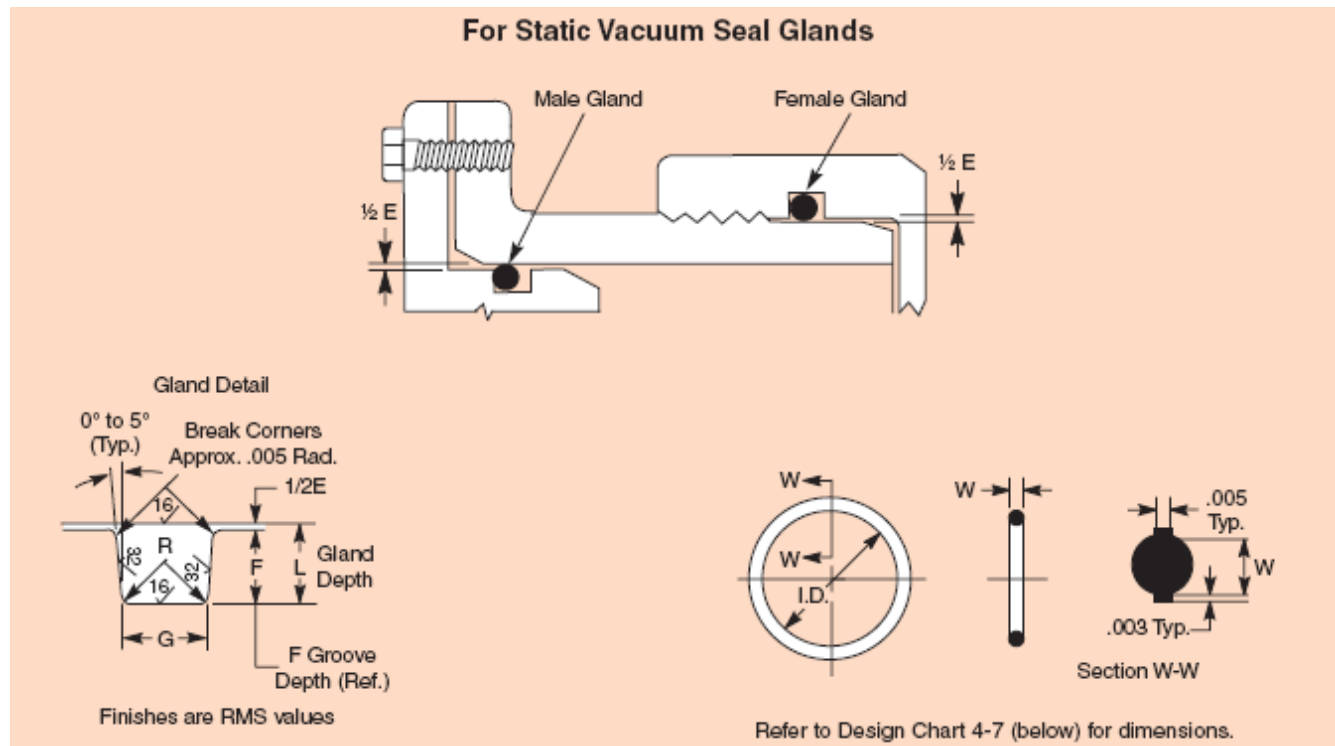


## Static Vacuum Sealing Glands



**Design Chart Static Vacuum Seal Glands**

O-Ring Size AS568A-	W Cross-Section		L Gland Depth	Squeeze		E Diametral Clearance	G Groove Width	R Groove Radius	Max.* Eccentricity
	Nominal	Actual		Actual	%				
004 through 050	1/16	.070 $\pm .003$	.050 to .052	.015 to .023	22 to 32	.002 to .005	.093 to .098	.005 to .015	.002
102 through 178	3/32	.103 $\pm .003$	.081 to .083	.017 to .025	17 to 24	.002 to .005	.140 to .145	.005 to .015	.002
201 through 284	1/8	.139 $\pm .004$	.111 to .113	.022 to .032	16 to 23	.003 to .006	.187 to .192	.010 to .025	.003
309 through 395	3/16	.210 $\pm .005$	.170 to .173	.032 to .045	15 to 21	.003 to .006	.281 to .286	.020 to .035	.004
425 through 475	1/4	.275 $\pm .006$	.226 to .229	.040 to .055	15 to 20	.004 to .007	.375 to .380	.020 to .035	.005

\*Total indicator reading between groove and adjacent bearing surface.

**Design Chart 4-7: Design Chart for Static Vacuum Seal Glands**