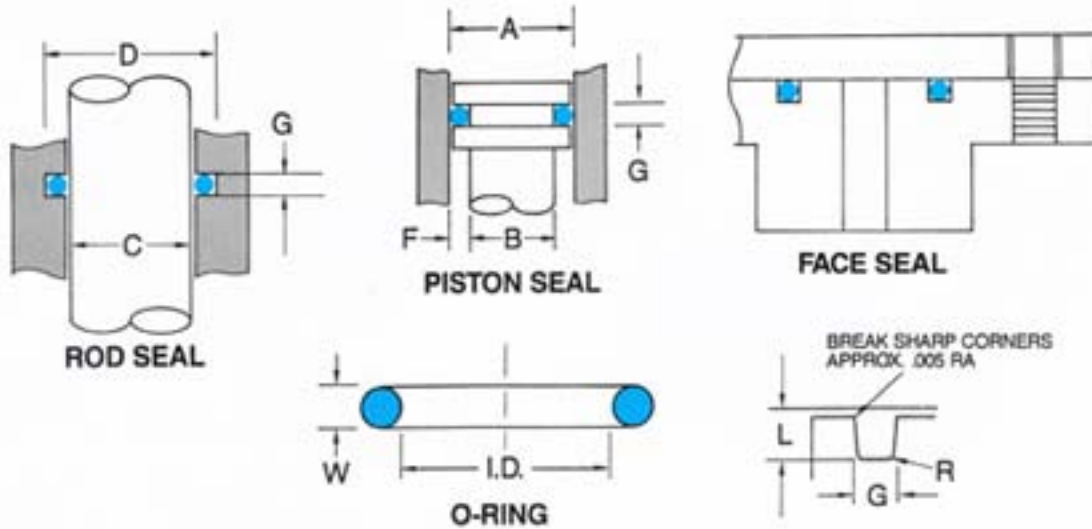


O-RING GROOVE DESIGN

How to determine O-Ring size:



Uniform Dash Number	Actual Cross Section Diameter	Diametrical Squeeze (Minimum)		Gland Depth F		Groove Width G +/- .003			Diametrical Clearance (Maximum) D		Eccentricity (Maximum)	Radius (R)
		Dynamic ¹	Static	Dynamic ¹ +.000 - .001	Static +.000 - .004	No Backup Ring	One Backup Ring	Two Backup Rings	500 PSI	1500 PSI		
-.001	.040 +.003	.004	.006	.033	.031	.056	-	-	.005	.0025	.002	.010
-.002	.050 +.003	.005	.008	.042	.039	.070	-	-	.006	.003	.002	.010
-.003	.060 +.003	.009	.009	.051	.048	.084	-	-	.007	.0035	.002	.016
-.004 thru -.050	.070 +.003	.007	.011	.060	.056	.098	.140	.207	.008	.004	.002	.016
-.102 thru -.178	.103 +.003	.010	.015	.090	.085	.144	.173	.240	.009	.004	.002	.016
-.201 thru -.284	.139 +.004	.014	.021	.121	.114	.195	.210	.277	.010	.006	.003	.031
-.309 thru -.395	.210 +.005	.021	.032	.184	.173	.294	.313	.412	.011	.007	.004	.031
-.425 thru -.475	.275 +.006	.028	.042	.241	.227	.385	.410	.540	.012	.008	.005	.047