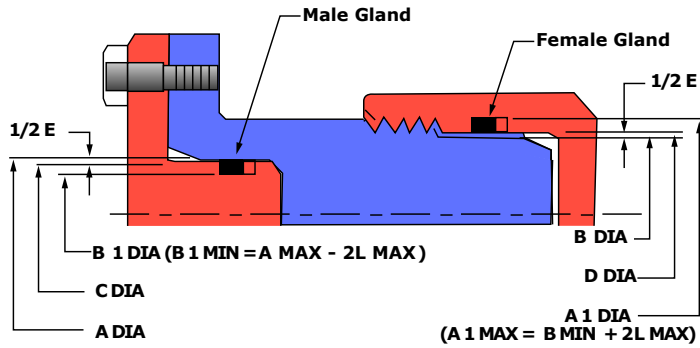


# Gland Dimensions

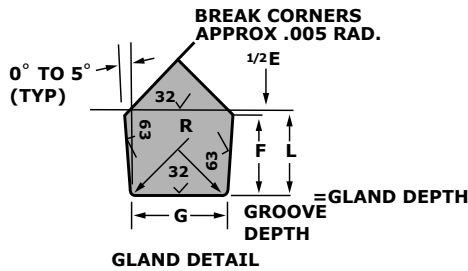
## Industrial Static Seals



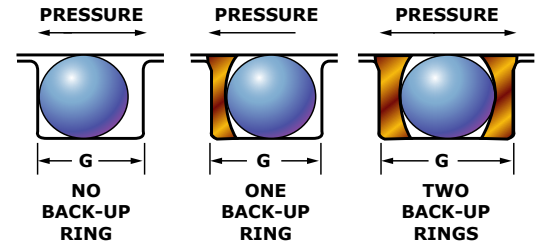
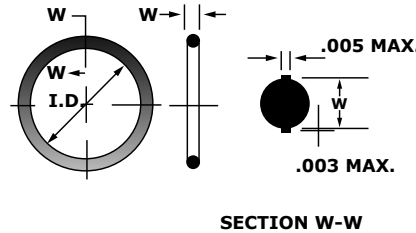
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- A** — Bore dia. (male gland)
- A-1** — Groove dia. (female gland)
- B** — Tube O.D. (female gland)
- B-1** — Groove dia. (male gland)
- C** — Plug dia. (male gland)
- D** — Throat dia. (female gland)
- E** — Diameter Clearance



Refer to design table below for dimension



Refer to design table below for dimensions

### DESIGN TABLE

FOR INDUSTRIAL O-RING STATIC SEAL GLANDS

O-RING SIZE	W		L GLAND DEPTH	SQUEEZE		E DIAMETRAL CLEARANCE	G			R GROOVE RADIUS	ECCENTRICITY MAX.
	Nominal	Actual		ACTUAL	%		NO BACK-UP RINGS	ONE BACK-UP RING	TWO BACK-UP RINGS		
004 through 050	1/16	.070 ±.003	.050 to .052	.015 to .023	22 to 32	.002 to .005	.093 to .098	.138 to .143	.205 to .210	.005 to .015	.002
102 through 178	3/32	.103 ±.003	.081 to .083	.017 to .025	17 to 24	.002 to .005	.140 to .145	.171 to .176	.238 to .243	.005 to .015	.002
201 through 284	1/8	.139 ±.004	.111 to .113	.022 to .032	16 to 23	.003 to .006	.187 to .192	.208 to .213	.275 to .280	.010 to .025	.003
309 through 395	3/16	.210 ±.005	.170 to .173	.032 to .045	15 to 21	.003 to .006	.281 to .286	.311 to .316	.410 to .415	.020 to .035	.004
425 through 475	1/4	.275 ±.006	.226 to .229	.040 to .055	15 to 20	.004 to .007	.375 to .380	.408 to .413	.538 to .543	.020 to .035	.005