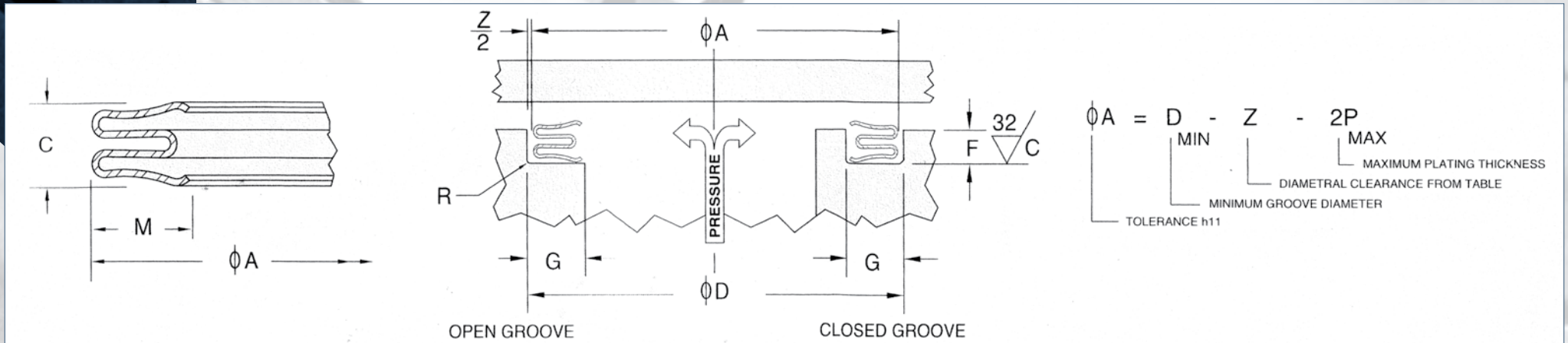


High Performance Metallic Seals

E-Ring Seals



SEAL DIMENSIONS (INCHES)				
C	A	Z	M	T
FREE HEIGHT	O.D. RANGE Tolerance h11	DIAMETRICAL CLEARANCE	MAX SEAL WIDTH	MATERIAL THICKNESS
.075 ± .003	1.500 - 12.000	.003	.066	.006
.098 ± .003	2.250 - 18.000	.003	.083	.008
.108 ± .005	2.250 - 18.000	.003	.145	.009
.108 ± .003	2.000 - 18.000	.003	.091	.010
.132 ± .003	2.500 - 32.000	.005	.119	.008
.140 ± .005	2.500 - 32.000	.005	.193	.012
.140 ± .005	2.250 - 32.000	.005	.122	.015
.218 ± .005	3.500 - 48.000	.006	.185	.015
.295 ± .006	6.000 - 60.000	.008	.268	.020

SEAL DIMENSIONS (INCHES)		
SEATING LOAD (lb./inch circumference)	SPRING-BACK (inch)	WORKING PRESSURE (PSI)
35	.009	1.500
37	.018	2.000
40	.018	3.000
85	.014	5.000
35	.024	2.000
45	.022	3.500
60	.020	3.500
55	.034	2.000
75	.045	2.000

GROOVE DIMENSIONS			
D	F	G	R
GROOVE DIA. Tolerance h10	DEPTH MIN/MAX	MINIMUM WIDTH	MAX CORNERS RADIUS
1	.061/.063	.090	.015
1	.075/.080	.110	.020
1	.085/.089	.170	.020
1	.085/.089	.115	.020
1	.112/.118	.145	.030
1	.116/.120	.230	.030
1	.116/.120	.160	.030
1	.179/.183	.230	.040
1	.245/.250	.315	.060

TOLERANCES (ANSI B4.1)		
NOMINAL DIAMETER RANGE (inches)	SEAL TOLERANCE (h11) +.000/-	CAVITY TOLERANCE (h10) +/- .000
0.25 - 0.40	-.003	+.002
0.40 - 0.71	-.004	+.003
0.71 - 1.19	-.005	+.003
1.19 - 1.97	-.006	+.004
1.94 - 3.15	-.007	+.004
3.15 - 4.73	-.009	+.005
4.73 - 7.09	-.010	+.006
7.09 - 9.85	-.012	+.007
9.85 - 12.41	-.012	+.008
12.41 - 15.75	-.014	+.009
15.75 - 19.69	-.016	+.010
19.69 - 30.09	-.020	+.012
30.09 - 41.49	-.025	+.016
41.49 - 56.19	-.030	+.020
56.19 - 76.39	-.040	+.025
76.39 - 100.90	-.050	+.030

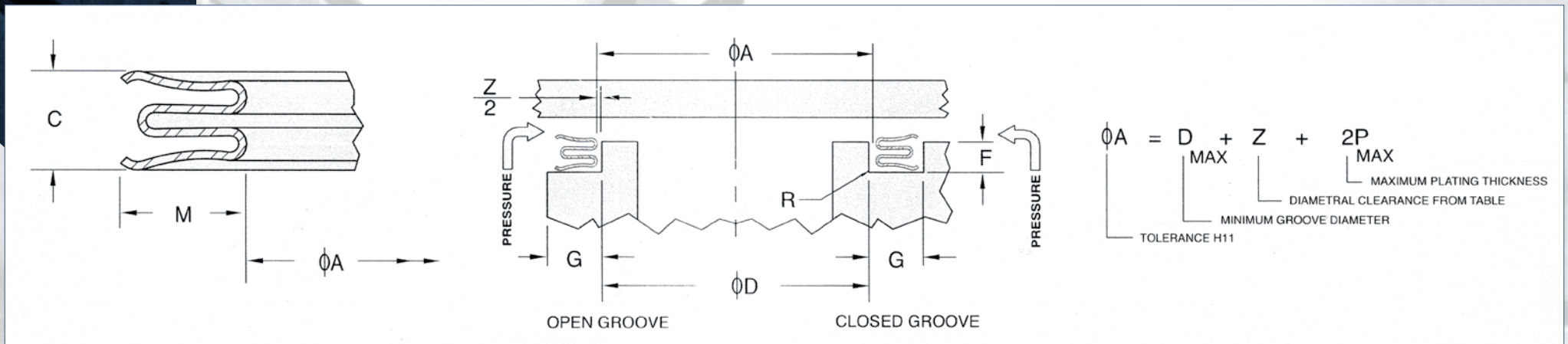


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For application assistance contact our sales/technical service department.

High Performance Metallic Seals

E-Ring Seals



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