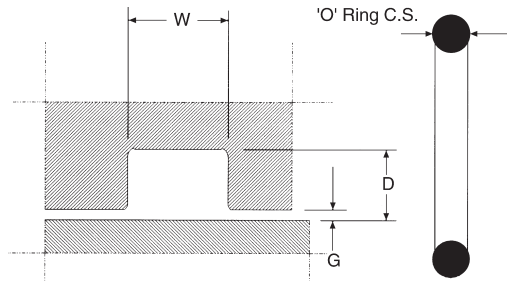


O-Rings



O-Ring Groove Dimensions



O-Ring Tolerances - Dynamic Reciprocating

Tolerances			+0.00/- 0.08	+0.10 -0.00	+0.00/- 0.08	+0.10 -0.00	+0.00/- 0.08	+0.10/-0.00
Imperial	Imperial	Metric	D	W	D	W	D	W
Nominal	Actual		Hydraulic	No Backup Hydraulic	Pneumatic	No Backup Pneumatic	Pneumatic (Floating Piston)	Pneumatic
		1	0.81	1.40	0.95	1.30	1.09	1.13
		1.2	1.00	1.70	1.15	1.50	1.30	1.38
		1.5	1.24	2.10	1.35	1.90	1.63	1.70
		1.6	1.30	2.20	1.45	2.00	1.74	1.78
1/16	0.070	1.78	1.45	2.40	1.55	2.30	1.93	2.00
		1.9	1.56	2.60	1.75	2.40	2.06	2.13
		2	1.60	2.55	1.80	2.40	2.17	2.09
		2.4	2.10	3.25	2.15	2.90	2.60	2.67
		2.5	2.20	3.40	2.25	3.00	2.65	2.79
3/32	0.103	2.62	2.30	3.60	2.35	3.10	2.77	2.95
		2.7	2.40	3.70	2.45	3.30	2.89	3.05
		3	2.65	4.05	2.75	3.60	3.19	3.34
		3.1	2.75	4.20	2.85	3.71	3.30	3.45
		3.5	3.10	4.80	3.25	4.20	3.74	3.96
1/8	0.139	3.54	3.10	4.80	3.25	4.20	3.74	3.91
		3.6	3.20	4.90	3.35	4.30	3.81	3.99
		4	3.55	5.50	3.70	4.80	4.22	4.48
		4.5	3.90	6.00	4.20	5.40	4.64	4.89
		5	4.40	6.80	4.65	6.00	5.24	5.54
		5.1	4.50	6.90	4.75	6.10	5.36	5.62
3/16	0.210	5.34	4.80	7.20	4.95	6.40	5.71	5.87
		5.5	4.95	7.50	5.15	6.60	5.89	6.11
		5.7	5.15	7.80	5.35	6.90	6.13	6.36
		6	5.40	8.20	5.65	7.20	6.43	6.68
		6.5	5.75	8.70	6.10	7.80	6.84	7.09
1/4	0.275	6.99	6.10	9.20	6.60	8.40	7.26	7.50
		7	6.10	9.20	6.60	8.40		
		7.5	6.50	9.90	7.10	9.00		
		8	7.20	10.80	7.60	9.60		
		8.4	7.50	11.20	7.90	10.10		
		8.5	7.60	11.30	8.00	10.20		
		9	8.20	11.80	8.50	10.80		
		9.5	8.60	12.70	9.00	11.40		
		10	9.00	13.00	9.50	12.00		
		12	10.80	15.60				
		16	14.50	20.80				
		18	16.20	23.20				

Notes: 1. Please refer to Seal House for Rotary application 2. Where Back Ups are to be used add the width of the Back Up to the dimension "W"

Other sizes and materials available on request - please enquire. Standard terms and conditions apply.