



O-Rings: Table Of Groove Dimensions For Dynamic & Static Sealing

Cross Section	Groove Dimensions					Groove Radius R
	Dynamic Application			Static Application		
	Depth	Width		Flange Seal		
		Reciprocating	Rotary	Groove Depth	Groove Width	
+0.00 -0.05	+0.10 -0.00	+0.10 -0.00	+0.00 -0.05	+0.10 -0.00		
1.0 - 1.02	0.81	1.57	1.20	0.68	1.57	0.2
1.2	1.00	1.80	1.40	0.82	1.80	
1.25 - 1.27	1.04	1.85	1.45	0.85	1.85	
1.3	1.10	1.90	1.50	0.88	1.90	
1.42	1.16	2.08	1.60	0.96	2.08	
1.50 - 1.52	1.24	2.16	1.70	1.02	2.16	
1.60 - 1.63	1.30	2.20	2.10	1.10	2.20	0.5
1.78	1.45	2.40	2.30	1.20	2.40	
1.83	1.50	2.45	2.35	1.20	2.45	
1.98 - 2.0	1.60	2.70	2.50	1.50	2.70	
2.08	1.70	2.75	2.50	1.60	2.75	
2.21	1.80	3.00	2.55	1.70	3.00	
2.4	2.10	3.25	2.70	1.90	3.25	
2.46	2.15	3.30	2.75	1.95	3.30	
2.50	2.20	3.40	2.80	2.00	3.40	
2.62	2.30	3.60	2.90	2.10	3.60	
2.75	2.45	3.70	3.10	2.20	3.70	
2.95 - 3.0	2.65	4.05	3.35	2.40	4.05	
3.15	2.85	4.25	3.50	2.50	4.25	
3.5 - 3.53	3.10	4.80	3.90	2.80	4.80	1.0
4.0	3.55	5.50	4.35	3.30	5.50	
4.5	4.00	6.20	4.90	3.70	6.20	
5.0	4.40	6.80	5.50	4.10	6.80	
5.33	4.80	7.20	5.80	4.40	7.20	
5.5	4.95	7.50	6.30	4.55	7.50	
5.7	5.15	7.80	6.35	4.70	7.80	
6.0	5.40	8.20	6.70	4.95	8.20	
6.3 - 6.35	5.55	8.60	7.00	5.20	8.60	1.5
7.0	6.10	9.50	7.80	5.80	9.50	
8.0	7.20	10.80	8.90	6.70	10.80	
8.4	7.55	11.40	9.40	7.00	11.40	
10.0	9.00	13.70	11.20	8.30	13.70	
12.0	10.40	16.40	13.40	10.00	16.40	

For more sizes please contact our sales team

all dimensions in mm unless stated otherwise

If a dimension is critical to your application please contact our sales department for confirmation.

Please note : errors and omissions excepted.