



O-Ring Groove Detail Chart

	RADIAL INSTALLATION					AXIAL INSATLLATION		
	GROOVE DEPTH		GROOVE WIDTH					
CROSS SECTION (M.M)	DYNAMIC	STATIC	NO BACKUP	1 BACKUP	2 BACKUP	GROOVE DEPTH	GROOVEWIDTH	RADIUS
1.00 / 1.02	-	0.70	1.40	-	-	0.70	1.40	0.20
1.50 / 1.52	1.25	1.10	2.00	3.00	4.00	1.10	2.10	0.30
*1.78 / 1.80	1.45	1.30	2.40	3.80	5.20	1.30	2.60	0.30
1.9	1.55	1.40	2.60	4.00	5.40	1.40	2.70	0.30
1.98 / 2.00	1.65	1.50	2.70	4.10	5.50	1.50	2.80	0.30
2.2	1.85	1.60	3.00	4.40	5.80	1.60	3.00	0.30
2.40	2.05	1.80	3.20	4.60	6.00	1.80	3.30	0.30
2.50	2.15	1.85	3.30	4.70	6.10	1.85	3.40	0.30
*2.62 / 2.65	2.25	2.00	3.60	5.00	6.40	2.00	3.80	0.30
2.70	2.30	2.05	3.60	5.00	6.40	2.05	3.80	0.30
2.92/2.95	2.50	2.20	3.90	5.30	6.70	2.20	4.00	0.60
3.00	2.60	2.30	4.00	5.40	6.80	2.30	4.00	0.60
3.10	2.70	2.40	4.10	5.50	6.90	2.40	4.10	0.60
3.50	3.05	2.65	4.60	6.00	7.40	2.65	4.70	0.60
*3.53/3.55	3.10	2.70	4.80	6.20	7.60	2.70	5.00	0.60
4.00	3.50	3.10	5.20	6.90	8.60	3.10	5.30	0.06
4.50	4.00	3.50	5.80	7.50	9.20	3.50	5.90	0.60
5.00	4.40	4.00	6.60	8.30	10.00	4.00	6.70	0.60
*5.33/5.30	4.70	4.30	7.10	9.00	10.90	4.30	7.30	0.60
5.50	4.80	4.50	7.10	9.00	10.90	4.50	7.30	0.60
5.70	5.00	4.60	7.20	9.00	11.00	4.60	7.40	0.60
6.00	5.30	4.90	7.40	9.30	11.20	4.90	7.60	0.60
6.50	5.70	5.40	8.00	9.90	11.90	5.40	8.20	1.00
*6.99/7.00	6.10	5.80	9.50	12.30	15.10	5.80	9.70	1.00
7.50	6.60	6.30	9.70	12.50	15.30	6.30	9.90	1.00
8.00	7.10	6.70	9.80	12.60	15.40	6.70	10.00	1.00
8.40	7.50	7.10	10.00	12.80	15.60	7.10	10.30	1.00
9.00	8.10	7.70	10.60	13.40	16.30	7.70	10.90	1.50
9.50	8.60	8.20	11.00	13.80	16.70	8.20	11.40	1.50
10.00	9.10	8.60	11.60	14.50	17.40	8.60	12.00	2.00
12.00	11.00	10.60	13.50	16.40	19.40	10.60	14.00	2.00

*** TOLERANCES AS PER ISO 3601 RECOMMENDATION**

*** ALL DIMENSION ARE IN NM**