

O-Ring Standard Size (JIS B 2401)

TABLE OF DIMENSIONS OF O-RINGS FOR STATIC SEALING

★ Tolerances listed may need to be negotiated depending on type of NBR compound.

MEASUREMENTS IN MILLIMETERS					MEASUREMENTS IN INCHES				
JIS B 2401 SIZE	ID	±	CS	±	JIS B 2401 SIZE	ID	±	CS	±
S3	2.50	0.13	1.50	0.08	S3	0.098	0.005	0.059	0.003
S4	3.50	0.14	1.50	0.08	S4	0.138	0.006	0.059	0.003
S5	4.50	0.14	1.50	0.08	S5	0.177	0.006	0.059	0.003
S6	5.50	0.15	1.50	0.08	S6	0.217	0.006	0.059	0.003
S7	6.50	0.15	1.50	0.08	S7	0.256	0.006	0.059	0.003
S8	7.50	0.16	1.50	0.08	S8	0.295	0.006	0.059	0.003
S9	8.50	0.16	1.50	0.08	S9	0.335	0.006	0.059	0.003
S10	9.50	0.17	1.50	0.08	S10	0.374	0.007	0.059	0.003
S11.2	10.70	0.18	1.50	0.08	S11.2	0.421	0.007	0.059	0.003
S12	11.50	0.18	1.50	0.08	S12	0.453	0.007	0.059	0.003
S12.5	12.00	0.19	1.50	0.08	S12.5	0.472	0.007	0.059	0.003
S14	13.50	0.19	1.50	0.08	S14	0.531	0.007	0.059	0.003
S15	14.50	0.19	1.50	0.08	S15	0.571	0.007	0.059	0.003
S16	15.50	0.20	1.50	0.08	S16	0.610	0.008	0.059	0.003
S18	17.50	0.21	1.50	0.08	S18	0.689	0.008	0.059	0.003
S20	19.50	0.22	1.50	0.08	S20	0.768	0.009	0.059	0.003
S22	21.50	0.23	1.50	0.08	S22	0.846	0.009	0.059	0.003
S22.4	21.90	0.23	2.00	0.08	S22.4	0.862	0.009	0.079	0.003
S24	23.50	0.24	2.00	0.08	S24	0.925	0.009	0.079	0.003
S25	24.50	0.24	2.00	0.08	S25	0.965	0.009	0.079	0.003
S26	25.50	0.25	2.00	0.08	S26	1.004	0.010	0.079	0.003
S28	27.50	0.26	2.00	0.08	S28	1.083	0.010	0.079	0.003
S29	28.50	0.28	2.00	0.08	S29	1.122	0.011	0.079	0.003
S30	29.50	0.28	2.00	0.08	S30	1.161	0.011	0.079	0.003
S31.5	31.00	0.29	2.00	0.08	S31.5	1.220	0.011	0.079	0.003
S32	31.50	0.31	2.00	0.08	S32	1.240	0.012	0.079	0.003
S34	33.50	0.32	2.00	0.08	S34	1.319	0.013	0.079	0.003
S35	34.50	0.33	2.00	0.08	S35	1.358	0.013	0.079	0.003
S35.5	35.00	0.33	2.00	0.08	S35.5	1.378	0.013	0.079	0.003
S36	35.50	0.34	2.00	0.08	S36	1.398	0.013	0.079	0.003
S38	37.50	0.36	2.00	0.08	S38	1.476	0.014	0.079	0.003
S39	38.50	0.36	2.00	0.08	S39	1.516	0.014	0.079	0.003
S40	39.50	0.38	2.00	0.08	S40	1.555	0.015	0.079	0.003
S42	41.50	0.39	2.00	0.08	S42	1.634	0.015	0.079	0.003
S44	43.50	0.40	2.00	0.08	S44	1.713	0.016	0.079	0.003
S45	44.50	0.41	2.00	0.08	S45	1.752	0.016	0.079	0.003
S46	45.50	0.42	2.00	0.08	S46	1.791	0.017	0.079	0.003
S48	47.50	0.44	2.00	0.08	S48	1.870	0.017	0.079	0.003
S50	49.50	0.45	2.00	0.08	S50	1.949	0.018	0.079	0.003
S53	52.50	0.47	2.00	0.08	S53	2.067	0.019	0.079	0.003
S55	54.50	0.50	2.00	0.08	S55	2.146	0.020	0.079	0.003
S56	55.50	0.50	2.00	0.08	S56	2.185	0.020	0.079	0.003
S60	59.50	0.52	2.00	0.08	S60	2.343	0.020	0.079	0.003
S63	62.50	0.55	2.00	0.08	S63	2.461	0.022	0.079	0.003
S65	64.50	0.56	2.00	0.08	S65	2.539	0.022	0.079	0.003
S67	66.50	0.58	2.00	0.08	S67	2.618	0.023	0.079	0.003
S70	69.50	0.61	2.00	0.08	S70	2.736	0.024	0.079	0.003

O-Ring Standard Size (JIS B 2401)

MEASUREMENTS IN INCHES

JIS B 2401 SIZE	ID	±	CS	±	JIS B 2401 SIZE	ID	±	CS	±
S71	70.50	0.61	2.00	0.08	S71	2.776	0.024	0.079	0.003
S75	74.50	0.64	2.00	0.08	S75	2.933	0.025	0.079	0.003
S80	79.50	0.67	2.00	0.08	S80	3.130	0.026	0.079	0.003
S85	84.50	0.71	2.00	0.08	S85	3.327	0.028	0.079	0.003
S90	89.50	0.75	2.00	0.08	S90	3.524	0.030	0.079	0.003
S95	94.50	0.79	2.00	0.08	S95	3.720	0.031	0.079	0.003
S100	99.50	0.83	2.00	0.08	S100	3.917	0.033	0.079	0.003
S105	104.50	0.87	2.00	0.08	S105	4.114	0.034	0.079	0.003
S110	109.50	0.91	2.00	0.08	S110	4.311	0.036	0.079	0.003
S112	111.50	0.91	2.00	0.08	S112	4.390	0.036	0.079	0.003
S115	114.50	0.93	2.00	0.08	S115	4.508	0.037	0.079	0.003
S120	119.50	0.97	2.00	0.08	S120	4.705	0.038	0.079	0.003
S125	124.50	1.00	2.00	0.08	S125	4.902	0.039	0.079	0.003
S130	129.50	1.05	2.00	0.08	S130	5.098	0.041	0.079	0.003
S132	131.50	1.05	2.00	0.08	S132	5.177	0.041	0.079	0.003
S135	134.50	1.08	2.00	0.08	S135	5.295	0.043	0.079	0.003
S140	139.50	1.10	2.00	0.08	S140	5.492	0.043	0.079	0.003
S145	144.50	1.13	2.00	0.08	S145	5.689	0.044	0.079	0.003
S150	149.50	1.17	2.00	0.08	S150	5.886	0.046	0.079	0.003