



O-rings

“P” Style JIS 2401 O-ring sizes

Made of elastomers, plastics or metal. O-rings seal a passageway and prevent unwanted loss or transfer of fluids. This is achieved by mechanically compressing or placing the O-ring against the walls of the passageway or gland, creating a zero-clearance for the fluid being sealed. The more pressure applied to the O-ring, the more effective the seal.

GBSA Inc.

Publication No. 012214 -OrJIS ©2014

GBSA O-Ring JIS2401 Sizes

"P" Style

Size	Actual Size (MM)			
	I.D.	+/-	W	+/-
P3	2.8	0.14	1.9	0.08
P4	3.8	0.14	1.9	0.08
P5	4.8	0.15	1.9	0.08
P6	5.8	0.15	1.9	0.08
P7	6.8	0.16	1.9	0.08
P8	7.8	0.16	1.9	0.08
P9	8.8	0.17	1.9	0.08
P010	9.8	0.17	1.9	0.08
P010A	9.8	0.17	2.4	0.09
P011	10.8	0.18	2.4	0.09
P011.2	11	0.18	2.4	0.09
P012	11.8	0.19	2.4	0.09
P012.5	12.3	0.19	2.4	0.09
P014	13.8	0.19	2.4	0.09
P015	14.8	0.20	2.4	0.09
P016	15.8	0.20	2.4	0.09
P018	17.8	0.20	2.4	0.09
P020	19.8	0.22	2.4	0.09
P021	20.8	0.23	2.4	0.09
P022	21.8	0.24	2.4	0.09
P022A	21.7	0.24	3.5	0.10
P022.4	22.1	0.24	3.5	0.10
P024	23.7	0.24	3.5	0.10
P025	24.7	0.25	3.5	0.10
P25.5	25.2	0.25	3.5	0.10
P26	25.7	0.26	3.5	0.10
P28	27.7	0.28	3.5	0.10
P29	28.7	0.29	3.5	0.10
P29.5	29.2	0.29	3.5	0.10
P30	29.7	0.29	3.5	0.10
P31	30.7	0.30	3.5	0.10
P31.5	31.2	0.31	3.5	0.10
P32	31.7	0.31	3.5	0.10
P34	33.7	0.33	3.5	0.10
P35	34.7	0.34	3.5	0.10
P35.5	35.2	0.34	3.5	0.10
P36	35.7	0.34	3.5	0.10
P38	37.7	0.37	3.5	0.10
P39	38.7	0.37	3.5	0.10
P40	39.7	0.37	3.5	0.10
P41	40.7	0.38	3.5	0.10

Size	Actual Size (MM)			
	I.D.	+/-	W	+/-
P42	41.7	0.39	3.5	0.10
P44	43.7	0.41	3.5	0.10
P45	44.7	0.41	3.5	0.10
P46	45.7	0.42	3.5	0.10
P48	47.7	0.44	3.5	0.10
P49	48.7	0.45	3.5	0.10
P50	49.7	0.45	3.5	0.10
P48A	47.6	0.44	5.7	0.13
P50A	49.6	0.45	5.7	0.13
P52	51.6	0.47	5.7	0.13
P53	52.6	0.48	5.7	0.13
P55	54.6	0.49	5.7	0.13
P56	55.6	0.50	5.7	0.13
P58	57.6	0.52	5.7	0.13
P60	59.6	0.53	5.7	0.13
P62	61.6	0.55	5.7	0.13
P63	62.6	0.56	5.7	0.13
P65	64.6	0.57	5.7	0.13
P67	66.6	0.59	5.7	0.13
P70	69.6	0.61	5.7	0.13
P71	70.6	0.62	5.7	0.13
P75	74.6	0.65	5.7	0.13
P80	79.6	0.69	5.7	0.13
P85	84.6	0.73	5.7	0.13
P90	89.6	0.77	5.7	0.13
P95	94.6	0.81	5.7	0.13
P100	99.6	0.84	5.7	0.13
P102	101.6	0.85	5.7	0.13
P105	104.6	0.87	5.7	0.13
P110	109.6	0.91	5.7	0.13
P112	111.6	0.92	5.7	0.13
P115	114.6	0.94	5.7	0.13
P120	119.6	0.98	5.7	0.13
P125	124.6	0.101	5.7	0.13
P130	129.6	0.105	5.7	0.13
P132	131.6	0.106	5.7	0.13
P135	134.6	0.109	5.7	0.13
P140	139.6	0.112	5.7	0.13
P145	144.6	0.116	5.7	0.13
P150	149.6	0.119	5.7	0.13
P150A	149.5	0.119	8.4	0.15

Size	Actual Size (MM)			
	I.D.	+/-	W	+/-
P155	154.5	0.123	8.4	0.15
P160	159.5	0.126	8.4	0.15
P165	164.5	0.130	8.4	0.15
P170	169.5	0.133	8.4	0.15
P175	174.5	0.137	8.4	0.15
P180	179.5	0.140	8.4	0.15
P185	184.5	0.144	8.4	0.15
P190	189.5	0.148	8.4	0.15
P195	194.5	0.151	8.4	0.15
P200	199.5	0.155	8.4	0.15
P205	204.5	0.158	8.4	0.15
P209	208.5	0.161	8.4	0.15
P210	209.5	0.162	8.4	0.15
P215	214.5	0.165	8.4	0.15
P220	219.5	0.168	8.4	0.15
P225	224.5	0.171	8.4	0.15
P230	229.5	0.175	8.4	0.15
P235	234.5	0.178	8.4	0.15
P240	239.5	0.181	8.4	0.15
P245	244.5	0.184	8.4	0.15
P250	249.5	0.188	8.4	0.15
P255	254.5	0.191	8.4	0.15
P260	259.5	0.194	8.4	0.15
P265	264.5	0.197	8.4	0.15
P270	269.5	0.201	8.4	0.15
P275	274.5	0.204	8.4	0.15
P280	279.5	0.207	8.4	0.15
P285	284.5	0.210	8.4	0.15
P290	289.5	0.214	8.4	0.15
P295	294.5	0.217	8.4	0.15
P300	299.5	0.220	8.4	0.15
P315	314.5	0.230	8.4	0.15
P320	319.5	0.233	8.4	0.15
P335	334.5	0.242	8.4	0.15
P340	339.5	0.245	8.4	0.15
P355	354.5	0.254	8.4	0.15
P360	359.5	0.257	8.4	0.15
P375	374.5	0.267	8.4	0.15
P385	384.5	0.273	8.4	0.15
P400	399.5	0.282	8.4	0.15

GBSA O-Ring JIS2401 Sizes

"G" Style

Size	Actual Size (MM)			
	I.D.	+/-	W	+/-
G025	24.4	0.25	3.1	0.10
G030	29.4	0.29	3.1	0.10
G035	34.4	0.33	3.1	0.10
G040	39.4	0.37	3.1	0.10
G045	44.4	0.41	3.1	0.10
G050	49.4	0.45	3.1	0.10
G055	54.4	0.49	3.1	0.10
G060	59.4	0.53	3.1	0.10
G065	64.4	0.57	3.1	0.10
G070	69.4	0.61	3.1	0.10
G075	74.4	0.65	3.1	0.10
G080	79.4	0.69	3.1	0.10
G085	84.4	0.73	3.1	0.10
G090	89.4	0.77	3.1	0.10
G095	94.4	0.81	3.1	0.10
G100	99.4	0.85	3.1	0.10

Size	Actual Size (MM)			
	I.D.	+/-	W	+/-
G105	104.4	0.87	3.1	0.10
G110	109.4	0.91	3.1	0.10
G115	114.4	0.94	3.1	0.10
G120	119.4	0.98	3.1	0.10
G125	124.4	0.101	3.1	0.10
G130	129.4	0.105	3.1	0.10
G135	134.4	0.108	3.1	0.10
G140	139.4	0.112	3.1	0.15
G145	144.4	0.116	3.1	0.15
G150	149.3	0.119	5.7	0.13
G155	154.3	0.123	5.7	0.13
G160	159.3	0.126	5.7	0.13
G165	164.3	0.130	5.7	0.13
G170	169.3	0.133	5.7	0.13
G175	174.3	0.137	5.7	0.13
G180	179.3	0.140	5.7	0.13

Size	Actual Size (MM)			
	I.D.	+/-	W	+/-
G185	184.3	0.144	5.7	0.13
G190	189.3	0.147	5.7	0.13
G195	194.3	0.151	5.7	0.13
G200	199.3	0.155	5.7	0.13
G210	209.3	0.161	5.7	0.13
G220	219.3	0.168	5.7	0.13
G230	229.3	0.173	5.7	0.13
G240	239.3	0.181	5.7	0.13
G250	249.3	0.188	5.7	0.13
G260	259.3	0.194	5.7	0.13
G270	269.3	0.201	5.7	0.13
G280	279.3	0.207	5.7	0.13
G290	289.3	0.214	5.7	0.13
G300	299.3	0.220	5.7	0.13

Customer Service

To better understand our o-ring seals capability for your unique application, please complete our online [Request For Quote](#) data sheet and provide us with a drawing of your part. If you need assistance in the design of this part or would like to speak with a sales engineer regarding a quote, please call 800 837 4272 or e-mail us at gbsa@gbsa.com.



GBSA O-Ring JIS2401 Sizes

Years of integrity and it's just the beginning.

GBSA started in 1979 as a distributor of v-seals. But before long, they were offering custom molded rubber products, machined & stamped metal, oil-seals, o-rings, hydraulic seals, plastics, and liquid silicone parts for many industries.

After moving to a significantly larger distribution center, **GBSA** expanded their engineering, testing, and inspection departments and added Just-In-Time Inventory services, a kitting and custom packaging process and improved delivery times.

GBSA believes in the integrity of their products, their people and their company. It has made **GBSA** a trusted partner and solution provider for some of the worlds most respected corporations.

As a customer, you're our first concern when it comes to giving you an unsurpassed product with an incomparable price. That's our promise to you.