

The O-Ring Store LLC



We make getting o-rings easy!

JAPANESE INDUSTRIAL STANDARD JIS B 2401 O-RING SIZE CHART

The Japanese Industrial Standard (JIS B 2401) lists 194 sizes of O-rings which are unique to Japan's automotive and manufacturing industries. JIS O-Rings consist of 4 series of sizes for different applications. These series include; P series for dynamic sealing applications, G series for fixed or static applications, S series for special sizes, and V series for vacuum flange applications.

The O-Ring store stocks many of these sizes in both Buna-N 70 durometer and Viton 75 durometer.

Part Number Format:

N1.50X002.5

Material Prefix

Cross-Section

Inside Diameter

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JIS P SERIES

JAPANESE INDUSTRIAL STANDARD (JIS) O-RING SIZE CHART			
PART NUMBER FORMAT	JIS NUMBER	CS (MM)	ID (MM)
1.90X002.8	P3	1.90	2.80
1.90X003.8	P4	1.90	3.80
1.90X004.8	P5	1.90	4.80
1.90X005.8	P6	1.90	5.80
1.90X006.8	P7	1.90	6.80
1.90X007.8	P8	1.90	7.80
1.90X008.8	P9	1.90	8.80
1.90X009.8	P10	1.90	9.80
2.40X009.8	P10A	2.40	9.80
2.40X010.8	P11	2.40	10.80
2.40X011	P11.2	2.40	11.00
2.40X011.8	P12	2.40	11.80
2.40X012.3	P12.5	2.40	12.30
2.40X012.8	P13	2.40	12.80
2.40X013.8	P14	2.40	13.80
2.40X014.8	P15	2.40	14.80
2.40X015.8	P16	2.40	15.80
2.40X016.8	P17	2.40	16.80
2.40X017.8	P18	2.40	17.80
2.40X018.8	P19	2.40	18.80
2.40X019.8	P20	2.40	19.80
2.40X020.8	P21	2.40	20.80
2.40X021.8	P22	2.40	21.80
3.50X021.7	P22A	3.50	21.70
3.50X022.1	P22.4	3.50	22.10
3.50X023.7	P24	3.50	23.70
3.50X024.7	P25	3.50	24.70
3.50X025.2	P25.5	3.50	25.20
3.50X025.7	P26	3.50	25.70
3.50X027.7	P28	3.50	27.70
3.50X028.7	P29	3.50	28.70
3.50X029.2	P29.5	3.50	29.20
3.50X029.7	P30	3.50	29.70
3.50X030.7	P31	3.50	30.70
3.50X031.2	P31.5	3.50	31.20
3.50X031.7	P32	3.50	31.70
3.50X032.7	P33	3.50	32.70

Information within is believed to be accurate and reliable. However, The O-Ring Store, LLC makes no warranty, expressed or implied, that parts supplied in this material will perform satisfactorily in specific applications. It's the customer's responsibility to evaluate the material prior to use.

1005 Warner Ave, Suite A Lewiston ID 83501 | Phone (208) 413-6377 Fax (208) 413-6719

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JIS P SERIES

JAPANESE INDUSTRIAL STANDARD (JIS) O-RING SIZE CHART			
PART NUMBER FORMAT	JIS NUMBER	CS (MM)	ID (MM)
3.50X032.7	P33	3.50	32.70
3.50X033.7	P34	3.50	33.70
3.50X034.7	P35	3.50	34.70
3.50X035.2	P35.5	3.50	35.20
3.50X035.7	P36	3.50	35.70
3.50X037.7	P38	3.50	37.70
3.50X038.7	P39	3.50	38.70
3.50X039.7	P40	3.50	39.70
3.50X040.7	P41	3.50	40.70
3.50X041.7	P42	3.50	41.70
3.50X043.7	P44	3.50	43.70
3.50X044.7	P45	3.50	44.70
3.50X045.7	P46	3.50	45.70
3.50X047.7	P48	3.50	47.70
3.50X048.7	P49	3.50	48.70
3.50X049.7	P50	3.50	49.70
5.70X047.6	P48A	5.70	47.60
5.70X049.6	P50A	5.70	49.60
5.70X051.6	P52	5.70	51.60
5.70X052.6	P53	5.70	52.60
5.70X054.6	P55	5.70	54.60
5.70X055.6	P56	5.70	55.60
5.70X057.6	P58	5.70	57.60
5.70X059.6	P60	5.70	59.60
5.70X061.6	P62	5.70	61.60
5.70X062.6	P63	5.70	62.60
5.70X064.6	P65	5.70	64.60
5.70X066.6	P67	5.70	66.60
5.70X069.6	P70	5.70	69.60
5.70X070.6	P71	5.70	70.60
5.70X074.6	P75	5.70	74.60
5.70X079.6	P80	5.70	79.60
5.70X084.6	P85	5.70	84.60
5.70X089.6	P90	5.70	89.60
5.70X094.6	P95	5.70	94.60
5.70X099.6	P100	5.70	99.60
5.70X101.6	P102	5.70	101.60

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JIS P SERIES

JAPANESE INDUSTRIAL STANDARD (JIS) O-RING SIZE CHART			
PART NUMBER FORMAT	JIS NUMBER	CS (MM)	ID (MM)
5.70X104.6	P105	5.70	104.60
5.70X109.6	P110	5.70	109.60
5.70X111.6	P112	5.70	111.60
5.70X114.6	P115	5.70	114.60
5.70X119.6	P120	5.70	119.60
5.70X124.6	P125	5.70	124.60
5.70X129.6	P130	5.70	129.60
5.70X131.6	P132	5.70	131.60
5.70X134.6	P135	5.70	134.60
5.70X139.6	P140	5.70	139.60
5.70X144.6	P145	5.70	144.60
5.70X149.6	P150	5.70	149.60
8.40X149.5	P150A	8.40	149.50
8.40X154.5	P155	8.40	154.50
8.40X159.5	P160	8.40	159.50
8.40X164.5	P165	8.40	164.50
8.40X169.5	P170	8.40	169.50
8.40X174.5	P175	8.40	174.50
8.40X179.5	P180	8.40	179.50
8.40X184.5	P185	8.40	184.50
8.40X189.5	P190	8.40	189.50
8.40X194.5	P195	8.40	194.50
8.40X199.5	P200	8.40	199.50
8.40X204.5	P205	8.40	204.50
8.40X208.5	P209	8.40	208.50
8.40X209.5	P210	8.40	209.50
8.40X214.5	P215	8.40	214.50
8.40X219.5	P220	8.40	219.50
8.40X224.5	P225	8.40	224.50
8.40X229.5	P230	8.40	229.50
8.40X234.5	P235	8.40	234.50
8.40X239.5	P240	8.40	239.50
8.40X244.5	P245	8.40	244.50
8.40X249.5	P250	8.40	249.50
8.40X254.5	P255	8.40	254.50
8.40X259.5	P260	8.40	259.50
8.40X264.5	P265	8.40	264.50

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PART NUMBER FORMAT	JIS NUMBER	CS (MM)	ID (MM)
8.40X269.5	P270	8.40	269.50
8.40X274.5	P275	8.40	274.50
8.40X279.5	P280	8.40	279.50
8.40X284.5	P285	8.40	284.50
8.40X289.5	P290	8.40	289.50
8.40X294.5	P295	8.40	294.50
8.40X299.5	P300	8.40	299.50
8.40X304.5	P305	8.40	304.50
8.40X309.5	P310	8.40	309.50
8.40X314.5	P315	8.40	314.50
8.40X319.5	P320	8.40	319.50
8.40X334.5	P335	8.40	334.50
8.40X339.5	P340	8.40	339.50
8.40X349.5	P350	8.40	349.50
8.40X354.5	P355	8.40	354.50
8.40X359.5	P360	8.40	359.50
8.40X374.5	P375	8.40	374.50
8.40X379.5	P380	8.40	379.50
8.40X384.5	P385	8.40	384.50
8.40X389.5	P390	8.40	389.50
8.40X399.5	P400	8.40	399.50
8.40X409.5	P410	8.40	409.50
8.40X419.5	P420	8.40	419.50
8.40X439.5	P440	8.40	439.50
8.40X449.5	P450	8.40	449.50
8.40X469.5	P470	8.40	469.50
8.40X479.5	P480	8.40	479.50

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JIS G SERIES

JAPANESE INDUSTRIAL STANDARD (JIS) O-RING SIZE CHART			
PART NUMBER FORMAT	JIS NUMBER	CS (MM)	ID (MM)
3.10X024.4	G25	3.10	24.40
3.10X029.4	G30	3.10	29.40
3.10X034.4	G35	3.10	34.40
3.10X039.4	G40	3.10	39.40
3.10X044.4	G45	3.10	44.40
3.10X049.4	G50	3.10	49.40
3.10X054.4	G55	3.10	54.40
3.10X059.4	G60	3.10	59.40
3.10X064.4	G65	3.10	64.40
3.10X069.4	G70	3.10	69.40
3.10X074.4	G75	3.10	74.40
3.10X079.4	G80	3.10	79.40
3.10X084.4	G85	3.10	84.40
3.10X089.4	G90	3.10	89.40
3.10X094.4	G95	3.10	94.40
3.10X099.4	G100	3.10	99.40
3.10X104.4	G105	3.10	104.40
3.10X109.4	G110	3.10	109.40
3.10X114.4	G115	3.10	114.40
3.10X119.4	G120	3.10	119.40
3.10X124.4	G125	3.10	124.40
3.10X129.4	G130	3.10	129.40
3.10X134.4	G135	3.10	134.40
3.10X139.4	G140	3.10	139.40
3.10X144.4	G145	3.10	144.40
5.70X149.3	G150	5.70	149.30
5.70X154.3	G155	5.70	154.30
5.70X159.3	G160	5.70	159.30
5.70X164.3	G165	5.70	164.30
5.70X169.3	G170	5.70	169.30
5.70X174.3	G175	5.70	174.30
5.70X179.3	G180	5.70	179.30
5.70X184.3	G185	5.70	184.30
5.70X189.3	G190	5.70	189.30
5.70X194.3	G195	5.70	194.30
5.70X199.3	G200	5.70	199.30
5.70X204.3	G205	5.70	204.30

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PART NUMBER FORMAT	JIS NUMBER	CS (MM)	ID (MM)
5.70X209.3	G210	5.70	209.30
5.70X214.3	G215	5.70	214.30
5.70X219.3	G220	5.70	219.30
5.70X224.3	G225	5.70	224.30
5.70X229.3	G230	5.70	229.30
5.70X234.3	G235	5.70	234.30
5.70X239.3	G240	5.70	239.30
5.70X244.3	G245	5.70	244.30
5.70X249.3	G250	5.70	249.30
5.70X254.3	G255	5.70	254.30
5.70X259.3	G260	5.70	259.30
5.70X264.3	G265	5.70	264.30
5.70X269.3	G270	5.70	269.30
5.70X279.3	G280	5.70	279.30
5.70X284.3	G285	5.70	284.30
5.70X289.3	G290	5.70	289.30
5.70X299.3	G300	5.70	299.30
5.70X304.3	G305	5.70	304.30
5.70X309.3	G310	5.70	309.30
5.70X314.3	G315	5.70	314.30
5.70X319.3	G320	5.70	319.30
5.70X324.3	G325	5.70	324.30
5.70X329.3	G330	5.70	329.30
5.70X334.3	G335	5.70	334.30
5.70X339.3	G340	5.70	339.30
5.70X344.3	G345	5.70	344.30
5.70X349.3	G350	5.70	349.30
5.70X354.3	G355	5.70	354.30
5.70X359.3	G360	5.70	359.30
5.70X364.3	G365	5.70	364.30
5.70X369.3	G370	5.70	369.30
5.70X374.3	G375	5.70	374.30
5.70X379.3	G380	5.70	379.30
5.70X384.3	G385	5.70	384.30
5.70X389.3	G390	5.70	389.30
5.70X394.3	G395	5.70	394.30
5.70X399.3	G400	5.70	399.30

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JIS G SERIES

JAPANESE INDUSTRIAL STANDARD (JIS) O-RING SIZE CHART			
PART NUMBER FORMAT	JIS NUMBER	CS (MM)	ID (MM)
5.70X404.3	G405	5.70	404.30
5.70X409.3	G410	5.70	409.30
5.70X414.3	G415	5.70	414.30
5.70X419.3	G420	5.70	419.30
5.70X424.3	G425	5.70	424.30
5.70X429.3	G430	5.70	429.30
5.70X435.3	G435	5.70	435.30
5.70X439.3	G440	5.70	439.30
5.70X444.3	G445	5.70	444.30
5.70X449.3	G450	5.70	449.30
5.70X454.3	G455	5.70	454.30
5.70X459.3	G460	5.70	459.30
5.70X464.3	G465	5.70	464.30
5.70X469.3	G470	5.70	469.30
5.70X474.3	G475	5.70	474.30
5.70X479.3	G480	5.70	479.30
5.70X484.3	G485	5.70	484.30
5.70X489.3	G490	5.70	489.30
5.70X494.3	G495	5.70	494.30
5.70X499.3	G500	5.70	499.30
5.70X509.3	G510	5.70	509.30
5.70X519.3	G520	5.70	519.30

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JIS S SERIES

JAPANESE INDUSTRIAL STANDARD (JIS) O-RING SIZE CHART			
PART NUMBER FORMAT	JIS NUMBER	CS (MM)	ID (MM)
1.50X002.5	S3	1.50	2.50
1.50X003.5	S4	1.50	3.50
1.50X004.5	S5	1.50	4.50
1.50X005.5	S6	1.50	5.50
1.50X006.5	S7	1.50	6.50
1.50X007.5	S8	1.50	7.50
1.50X008.5	S9	1.50	8.50
1.50X009.5	S10	1.50	9.50
1.50X010.7	S11.2	1.50	10.70
1.50X011.5	S12	1.50	11.50
1.50X012	S12.5	1.50	12.00
1.50X013.5	S14	1.50	13.50
1.50X014.5	S15	1.50	14.50
1.50X015.5	S16	1.50	15.50
1.50X017.5	S18	1.50	17.50
1.50X019.5	S20	1.50	19.50
1.50X021.5	S22	1.50	21.50
2.00X021.9	S22.4	2.00	21.90
2.00X023.5	S24	2.00	23.50
2.00X024.5	S25	2.00	24.50
2.00X025.5	S26	2.00	25.50
2.00X027.5	S28	2.00	27.50
2.00X028.5	S29	2.00	28.50
2.00X029.5	S30	2.00	29.50
2.00X031	S31.5	2.00	31.00
2.00X031.5	S32	2.00	31.50
2.00X033.5	S34	2.00	33.50
2.00X034.5	S35	2.00	34.50
2.00X035	S35.5	2.00	35.00
2.00X035.5	S36	2.00	35.50
2.00X037.5	S38	2.00	37.50
2.00X038.5	S39	2.00	38.50
2.00X039.5	S40	2.00	39.50
2.00X041.5	S42	2.00	41.50
2.00X043.5	S44	2.00	43.50
2.00X044.5	S45	2.00	44.50
2.00X045.5	S46	2.00	45.50

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JIS S SERIES

JAPANESE INDUSTRIAL STANDARD (JIS) O-RING SIZE CHART			
PART NUMBER FORMAT	JIS NUMBER	CS (MM)	ID (MM)
2.00X047.5	S48	2.00	47.5
2.00X049.5	S50	2.00	49.5
2.00X052.5	S53	2.00	52.5
2.00X054.5	S55	2.00	54.5
2.00X055.5	S56	2.00	55.5
2.00X059.5	S60	2.00	59.5
2.00X062.5	S63	2.00	62.5
2.00X064.5	S65	2.00	64.5
2.00X066.5	S67	2.00	66.5
2.00X069.5	S70	2.00	69.5
2.00X070.5	S71	2.00	70.5
2.00X074.5	S75	2.00	74.50
2.00X079.5	S80	2.00	79.50
2.00X084.5	S85	2.00	84.50
2.00X089.5	S90	2.00	89.50
2.00X094.5	S95	2.00	94.50
2.00X099.5	S100	2.00	99.50
2.00X104.5	S105	2.00	104.50
2.00X109.5	S110	2.00	109.50
2.00X111.5	S112	2.00	111.50
2.00X114.5	S115	2.00	114.50
2.00X119.5	S120	2.00	119.50
2.00X124.5	S125	2.00	124.50
2.00X129.5	S130	2.00	129.50
2.00X131.5	S132	2.00	131.50
2.00X134.5	S135	2.00	134.50
2.00X139.5	S140	2.00	139.50
2.00X144.5	S145	2.00	144.50
2.00X149.5	S150	2.00	149.50

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JIS V SERIES

JAPANESE INDUSTRIAL STANDARD (JIS) O-RING SIZE CHART			
PART NUMBER FORMAT	JIS NUMBER	CS (MM)	ID (MM)
4.00X014.5	V15	4.00	14.50
4.00X023.5	V24	4.00	23.50
4.00X033.5	V34	4.00	33.50
4.00X039.5	V40	4.00	39.50
4.00X054.5	V55	4.00	54.50
4.00X069	V70	4.00	69.00
4.00X084	V85	4.00	84.00
4.00X099	V100	4.00	99.00
4.00X119	V120	4.00	119.00
4.00X148.5	V150	4.00	148.50
4.00X173	V175	4.00	173.00
6.00X222.5	V225	6.00	222.50
6.00X272	V275	6.00	272.00
6.00X321.5	V325	6.00	321.50
6.00X376	V380	6.00	376.00
6.00X425.5	V430	6.00	425.50
10.00X475	V480	10.00	475.00
10.00X524.5	V530	10.00	524.50
10.00X579	V585	10.00	579.00
10.00X633.5	V640	10.00	633.50
10.00X683	V690	10.00	683.00
10.00X732.5	V740	10.00	732.50
10.00X782	V790	10.00	782.00
10.00X836.5	V845	10.00	836.50
10.00X940.5	V950	10.00	940.50
10.00X1044	V1055	10.00	1044.00

Information within is believed to be accurate and reliable. However, The O-Ring Store, LLC makes no warranty, expressed or implied, that parts supplied in this material will perform satisfactorily in specific applications. It's the customer's responsibility to evaluate the material prior to use.

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