

O-RING STANDARDS SIZE (P)

Cross section (CS)=1.90 mm (P3-P10)

Dimensions		(ID)	Cross Section	(CS)	Spec.References												
Type	(ID)	Tolerance		Tolerance	F	JIS	AS-BS	NOK	JASO F404								
P3	2.80	+/-0.14	1.90	+/-0.07		P3		CO 0000	1003								
P4	3.80					P4		CO 0001	1004								
P5	4.80	P5				CO 0002		1005									
P6	5.80					CO 0003		1006									
P7	6.80	P7				CO 0004		1007									
P8	7.80					CO 0005		1008									
P9	8.80	P9				CO 0006		1009									
P10	9.80					CO 0007		1010									
	11.0	+/-0.12				1.90		+/-0.07				1011					
	12.3											1012					
	13.0											1013					
	13.8											1014					
	14.8											1015					
	15.8											1016					
	16.8											1017					
	17.8											1018					
	18.8	+/-0.15										1.90	+/-0.07				1019
	19.8																1020
	21.0																1021
	22.1																1022
	23.3																1023
	24.7																1025
	26.2																1026
	27.7																1028
	29.7																1030
	31.2																1031
	33.2																1033
	35.2																1035

O-RING STANDARDS SIZE (P)

Cross section (CS)=2.40 mm (P10A-P22)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
P10A	9.80	+/-0.17				P10A		CO 0008	2010
P11	10.80	+/-0.18				P11		CO 0009	
P11.2	11.00					P11.2		CO 0010	2011
P12	11.80	+/-0.19				P12		CO 0011	2012
P12.5	12.30					P12.5		CO 0012	
P14	13.80					P14		CO 0013	
P15	14.80	+/-0.20				P15		CO 0014	2015
P16	15.80					P16		CO 0015	2016
P18	17.80	+/-0.21				P18		CO 0016	2018
P20	19.80	+/-0.22				P20		CO 0017	2020
P21	20.80	+/-0.23				P21		CO 0018	2021
P22	21.80	+/-0.24				P22		CO 0020	
	22.1		2.40	+/-0.07					2022
	23.3								2023
	24.7								2025
	26.2								2026
	27.7								2028
	29.7								2030
	31.2								2031
	33.2								2033
	35.2								2035
	37.2								2037
	39.7								2040
	42.2								2042
	44.7								2045
	47.2								2047
	49.7								2050
	52.6								2053
	55.5								2056
	59.6								2060
	62.6	2063							
	66.6	2067							
	70.6	2071							

O-RING STANDARDS SIZE (P)

Cross section (CS)=3.50 mm (P22A-P50)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
P22A	21.70	+/-0.24	3.50	+/-0.1		P22A		CO 0019	
P22.4	22.10	+/-0.24				P22.4		CO 0021	3022
P24	23.70	+/-0.24				P24		CO 0022	3024
P25	24.70	+/-0.25				P25		CO 0023	3025
P25.5	25.20	+/-0.25				P25.5		CO 0024	
P26	25.70	+/-0.26				P26		CO 0025	3026
P28	27.70	+/-0.8				P28		CO 0026	3028
P29	28.70	+/-0.29				P29		CO 0027	
P29.5	29.20	+/-0.29				P29.5		CO 0028	
P30	29.70	+/-0.29				P30		CO 0029	3030
P31	30.70	+/-0.30				P31		CO 0030	
P31.5	31.20	+/-0.31				P31.5		CO 0031	3031
P32	31.70	+/-0.31				P32		CO 0032	
P34	33.70	+/-0.33				P34		CO 0033	3034
P35	34.70	+/-0.34				P35		CO 0034	3035
P35.5	35.20	+/-0.34				P35.5		CO 0035	
P36	35.70	+/-0.34				P36		CO 0036	
P38	37.70	+/-0.37				P38		CO 0037	3038
P39	38.70	+/-0.37				P39		CO 0038	3039
P40	39.70	+/-0.37				P40		CO 0039	3040
P41	40.70	+/-0.38				P41		CO 0040	
P42	41.70	+/-0.39				P42		CO 0041	3042
P44	43.70	+/-0.41				P44		CO 0042	3044
P45	44.70	+/-0.41				P45		CO 0043	3045
P46	45.70	+/-0.42				P46		CO 0044	
P48	47.70	+/-0.44				P48		CO 0046	3048

O-RING STANDARDS SIZE (P)

Cross section (CS)=3.50 mm (P22A-P50)

Dimensions		(ID)	Cross Section	(CS)	Spec.References						
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404		
P49	48.70	+/-0.45	3.50	+/-0.1		P49		CO 0047			
P50	49.70					P50		CO 0049	3050		
	52.6	+/-0.25								3053	
	55.6									3056	
	59.6									3060	
	62.6									3063	
	66.6									3067	
	70.6	+/-0.40									3071
	74.6										3075
	79.6										3080
	84.6										3085
	89.6										3090
	94.6										3095
	99.6										3100
	105.6										3106
	111.6										3112
	117.60										3118
	124.60									3125	
	131.60	+/-0.60									3132
	139.60										3140
	149.60										3150

O-RING STANDARDS SIZE (P)

Cross section (CS)=5.70 mm (P48A-P150)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
P48A	47.60	+/-0.44	5.70	+/-0.15		P48A		CO 0045	
P50A	49.60	+/-0.45				P50A		CO 0048	
P52	51.60	+/-0.47				P52		CO 0050	
P53	52.60	+/-0.48				P53		CO 0051	
P55	54.60	+/-0.49				P55		CO 0052	
P56	55.60	+/-0.50				P56		CO 0053	
P58	57.60	+/-0.52				P58		CO 0054	
P60	59.60	+/-0.53				P60		CO 0055	
P62	61.60	+/-0.55				P62		CO 0056	
P63	62.60	+/-0.56				P63		CO 0057	
P65	64.60	+/-0.57				P65		CO 0058	
P67	66.60	+/-0.59				P67		CO 0059	
P70	69.60	+/-0.61				P70		CO 0060	
P71	70.60	+/-0.62				P71		CO 0061	
P75	74.60	+/-0.65				P75		CO 0062	
P80	79.60	+/-0.69				P80		CO 0063	
P85	84.60	+/-0.73				P85		CO 0064	
P90	89.60	+/-0.77				P90		CO 0065	
P95	94.60	+/-0.81				P95		CO 0066	
P100	99.60	+/-0.84				P100		CO 0067	
P102	101.60	+/-0.85				P102		CO 0068	
P105	104.60	+/-0.87				P105		CO 0069	
P110	109.60	+/-0.91				P110		CO 0070	
P112	111.60	+/-0.92				P112		CO 0071	
P115	114.60	+/-0.94				P115		CO 0072	
P120	119.60	+/-0.98				P120		CO 0073	
P125	124.60	+/-1.01				P125		CO 0074	
P130	129.60	+/-1.05				P130		CO 0075	
P132	131.60	+/-1.06				P132		CO 0076	
P135	134.60	+/-1.09				P135		CO 0077	
P140	139.60	+/-1.12				P140		CO 0078	
P145	144.60	+/-1.16				P145		CO 0079	
P150	149.60	+/-1.19				P150		CO 0081	

O-RING STANDARDS SIZE (P)

Cross section (CS)=8.40 mm (P150A-P500)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
P150A	149.50	+/-1.19	8.40	+/-0.15		P150A		CO 0080	
P155	154.50	+/-1.23				P155		CO 0082	
P160	159.50	+/-1.26				P160		CO 0083	
P165	164.50	+/-1.30				P165		CO 0084	
P170	169.50	+/-1.33				P170		CO 0085	
P175	174.50	+/-1.37				P175		CO 0086	
P180	179.50	+/-1.40				P180		CO 0087	
P185	184.50	+/-1.44				P185		CO 0088	
P190	189.50	+/-1.48				P190		CO 0089	
P195	194.50	+/-1.51				P195		CO 0090	
P200	199.50	+/-1.55				P200		CO 0091	
P205	204.50	+/-1.58				P205		CO 0092	
P209	208.50	+/-1.61				P209		CO 0093	
P210	209.50	+/-1.62				P210		CO 0094	
P215	214.50	+/-1.65				P215		CO 0095	
P220	219.50	+/-1.68				P220		CO 0096	
P225	224.50	+/-1.71				P225		CO 0097	
P230	229.50	+/-1.75				P230		CO 0098	
P235	234.50	+/-1.78				P235		CO 0099	
P240	239.50	+/-1.81				P240		CO 0100	
P245	244.50	+/-1.84				P245		CO 0101	
P250	249.50	+/-1.88				P250		CO 0102	
P255	254.50	+/-1.91				P255		CO 0103	
P260	259.50	+/-1.94				P260		CO 0104	
P265	264.50	+/-1.97				P265		CO 0105	
P270	269.50	+/-2.01				P270		CO 0106	
P275	274.50	+/-2.04				P275		CO 0107	
P280	279.50	+/-2.07				P280		CO 0108	

O-RING STANDARDS SIZE (P)

Cross section (CS)=8.40 mm (P150A-P500)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
P285	284.50	+/-2.10	8.40	+/-0.15		P285		CO 0109	
P290	289.50	+/-2.14				P290		CO 0110	
P295	294.50	+/-2.17				P295		CO 0111	
P300	299.50	+/-2.20				P300		CO 0112	
P305*	304.50					P305*		CO 2147	
P310*	309.50					P310*		CO 8835	
P315	314.50	+/-2.30				P315		CO 0113	
P320	319.50	+/-2.33				P320		CO 0114	
P325*	324.50					P325*		CO 8836	
P330*	329.50					P330*		CO 7645	
P335	334.50	+/-2.42				P335		CO 0115	
P340	339.50	+/-2.45				P340		CO 0116	
P345*	344.50					P345*		CO 8837	
P350*	349.50					P350*		CO 6615	
P355	354.50	+/-2.54				P355		CO 0117	
P360	359.50	+/-2.57				P360		CO 0118	
P365*	364.50					P365*		CO 6630	
P370*	369.50					P370*		CO 8838	
P375	374.50	+/-2.67				P375		CO 0119	
P380*	379.50					P380*		CO 2274	
P385	384.50	+/-2.73				P385		CO 0120	
P390*	389.50					P390*		CO 6650	
P395*	394.50					P395*		CO 8839	
P400	399.50	+/-2.82				P400		CO 0121	
P405*	404.50					P405*		CO 2311	
P410*	409.50					P410*		CO 6663	
P415*	414.50					P415*		CO 2337	
P420*	419.50					P420*		CO 8840	

O-RING STANDARDS SIZE (P)

Cross section (CS)=8.40 mm (P150A-P500)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
P425*	424.50	+/-2.82	8.40	+/-0.15		P425*		CO 2359	
P430*	429.50					P430*		CO 2371	
P435*	434.50					P435*		CO 2383	
P440*	439.50					P440*		CO 8841	
P445*	444.50					P445*		CO6681	
P450*	449.50					P450*		CO 8842	
P455*	454.50					P455*		CO 2433	
P460*	459.50					P460*		CO 8843	
P465*	464.50					P465*		CO 2433	
P470*	469.50					P470*		CO 8844	
P475*	474.50					P475*		CO8845	
P480*	479.50					P480*		CO 6734	
P485*	484.50					P485*		CO 9165	
P490*	489.50					P490*		DO 9015	
P495*	494.50					P495*		DO 9016	
P500*	499.50					P500*		CO 9057	

O-RING STANDARDS SIZE (G)

Cross section (CS)=3.10 mm (G25-G145)

Dimensions		(ID) Tolerance	Cross Section	(CS) Tolerance	Spec.References				
Type	(ID)		(CS)		F	JIS	AS-BS	NOK	JASO F404
G25	24.40	+/-0.25	3.10	+/-0.1			G25	CO 0200	3025 S
G30	29.40	+/-0.29					G30	CO 0201	3030 S
G35	34.40	+/-0.33					G35	CO 0202	3035 S
G40	39.40	+/-0.37					G40	CO 0203	3040 S
G45	44.40	+/-0.41					G45	CO 0204	3045 S
G50	49.40	+/-0.45					G50	CO 0205	3050 S
G55	54.40	+/-0.49					G55	CO 0206	3055 S
G60	59.40	+/-0.53					G60	CO 0207	3060 S
G65	64.40	+/-0.57					G65	CO 0208	3065 S
G70	69.40	+/-0.61					G70	CO 0209	3070 S
G75	74.40	+/-0.65					G75	CO 0210	3075 S
G80	79.40	+/-0.69					G80	CO 0211	3080 S
G85	84.40	+/-0.73					G85	CO 0212	3085 S
G90	89.40	+/-0.77					G90	CO 0213	3090 S
G95	94.40	+/-0.81					G95	CO 0214	3095 S
G100	99.40	+/-0.85					G100	CO 0215	3100 S
G105	104.40	+/-0.87					G105	CO 0216	3105 S
G110	109.40	+/-0.91					G110	CO 0217	3110 S
G115	114.40	+/-0.94					G115	CO 0218	3115 S
G120	119.40	+/-0.98					G120	CO 0219	3120 S
G125	124.40	+/-1.01					G125	CO 0220	3125 S
G130	129.40	+/-1.05					G130	CO 0221	3130 S
G135	134.40	+/-1.08					G135	CO 0222	3135 S
G140	139.40	+/-1.12					G140	CO 0223	3140 S
G145	144.40	+/-1.16					G145	CO 0224	3145 S

O-RING STANDARDS SIZE (G)

Cross section (CS)=5.70 mm (G150-G500)

Dimensions		(ID) Tolerance	Cross Section	(CS) Tolerance	Spec.References				
Type	(ID)		(CS)		F	JIS	AS-BS	NOK	JASO F404
G150	149.30	+/-1.19	5.70	+/-0.15			G150	CO 0224	
G155	154.30	+/-1.23					G155	CO 0225	
G160	159.30	+/-1.26					G160	CO 0226	
G165	164.30	+/-1.30					G165	CO 0227	
G170	169.30	+/-1.33					G170	CO 0228	
G175	174.30	+/-1.37					G175	CO 0229	
G180	179.30	+/-1.40					G180	CO 0230	
G185	184.30	+/-1.44					G185	CO 0231	
G190	189.30	+/-1.47					G190	CO 0232	
G195	194.30	+/-1.51					G195	CO 0233	
G200	199.30	+/-1.55					G200	CO 0234	
G205*	204.30	+/-1.58					G205*	CO 1968	
G210	209.30	+/-1.61					G210	CO 0236	
G215*	214.30	+/-1.65					G215*	CO 3303	
G220	219.30	+/-1.68					G220	CO 0237	
G225*	224.30	+/-1.71					G225*	CO 2011	
G230	229.30	+/-1.73					G230	CO 0238	
G235*	234.30	+/-1.78					G235*	CO 0231	
G240	239.30	+/-1.81					G240	CO 0239	
G245*	244.30	+/-1.85					G245*	CO 0260	
G250	249.30	+/-1.88					G250	CO 0240	
G255*	254.30	+/-1.91					G255*	CO 0279	
G260	259.30	+/-1.94					G260	CO 0241	
G265*	264.30	+/-1.98					G265*	CO 2643	
G270	269.30	+/-2.01					G270	CO 0242	
G275*	274.30	+/-2.04					G275*	CO 2100	

O-RING STANDARDS SIZE (G)

Cross section (CS)=5.70 mm (G150-G500)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
G280	279.30	+/-2.07	5.70	+/-0.15			G280	CO 0243	
G285*	284.30	+/-2.11					G285*	CO 3210	
G290	289.30	+/-2.14					G290	CO 0244	
G295*	294.30	+/-2.17					G295*	CO 6566	
G300	299.30	+/-2.20					G300	CO 0245	
G305*	304.30	+/-2.24					G305*	DO 1137	
G310*	309.30	+/-2.27					G310*	CO 2158	
G315*	314.30	+/-2.30					G315*	CO 8811	
G320*	319.30	+/-2.33					G320*	CO 2176	
G325*	324.30	+/-2.36					G325*	CO 8812	
G330*	329.30	+/-2.39					G330*	CO 8813	
G335*	334.30	+/-2.42					G335*	CO 8814	
G340*	339.30	+/-2.45					G340*	CO 2206	
G345*	344.30	+/-2.48					G345*	CO 2216	
G350*	349.30	+/-2.51					G350*	CO 2233	
G355*	354.30	+/-2.54					G355*	CO 8815	
G360*	359.30	+/-2.57					G360*	CO 2244	
G365*	364.30	+/-2.60					G365*	CO 8816	
G370*	369.30	+/-2.63					G370*	CO 8817	
G375*	374.30	+/-2.67					G375*	CO 8818	
G380*	379.30	+/-2.70					G380*	CO 2272	
G385*	384.30	+/-2.73					G385*	CO 8819	
G390*	389.30	+/-2.77					G390*	CO 2287	
G395*	394.30	+/-2.79					G395*	CO 8820	
G400*	399.30	+/-2.82					G400*	CO 2301	
G405*	404.30	+/-3.00					G405*	CO 8821	

O-RING STANDARDS SIZE (G)

Cross section (CS)=5.70 mm (G150-G500)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
G410*	409.30	+/-3.00	5.70	+/-0.15			G410*	CO 8822	
G415*	414.30						G415*	CO 2336	
G420*	419.30						G420*	CO 8823	
G425*	424.30						G425*	CO 2358	
G430*	429.30						G430*	CO 8824	
G435*	434.30						G435*	CO 8825	
G440*	439.30						G440*	CO 8826	
G445*	444.30						G445*	CO 8827	
G450*	449.30	G450*					CO 2417		
G455*	454.30	+/-3.30					G455*	CO 8828	
G460*	459.30						G460*	CO 2441	
G465*	464.30						G465*	CO 6715	
G470*	469.30						G470*	CO 2460	
G475*	474.30						G475*	CO 8829	
G480*	479.30						G480*	CO 8830	
G485*	484.30						G485*	CO 8831	
G490*	489.30						G490*	CO 8832	
G495*	494.30						G495*	CO 8833	
G500*	499.30						G500*	CO 8834	

O-RING STANDARDS SIZE (S)

Cross section (CS)=1.50 mm (S3-S22)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
S3	2.50	+/-0.15	1.50	+/-0.10		S3		CO 0500	
S4	3.50					S4		CO 0501	
S5	4.50					S5		CO 0502	
S6	5.50					S6		CO 0503	
S7	6.50					S7		CO 0504	
S8	7.50					S8		CO 0505	
S9	8.50					S9		CO 0506	
S10	9.50					S10		CO 0507	
S11.2	10.70					S11.2		CO 0508	
S12	11.50					S12		CO 0509	
S12.5	12.00					S12.5		CO 0510	
S14	13.50					S14		CO 0511	
S15	14.50					S15		CO 0512	
S16	15.50					S16		CO 0513	
S18	17.50					S18		CO 0514	
S20	19.50					S20		CO 0515	
S22	21.50					S22		CO 0516	

O-RING STANDARDS SIZE (S)

Cross section (CS)=2.00 mm (S22.4-S150)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
S22.4	21.90	+/-0.15	2.00	+/-0.10		S22.4		CO 0517	
S24	23.50					S24		CO 0518	
S25	24.50					S25		CO 0519	
S26	25.50					S26		CO 0520	
S28	27.50					S28		CO 0521	
S29	28.50					S29		CO 0522	
S30	29.50					S30		CO 0523	
S31.5	31.00					S31.5		CO 0524	
S32	31.50					S32		CO 0525	
S34	33.50					S34		CO 0526	
S35	34.50					S35		CO 0527	
S35.5	35.00					S35.5		CO 0528	
S36	35.50					S36		CO 0529	
S38	37.50					S38		CO 0530	
S39	38.50					S39		CO 0531	
S40	39.50					S40		CO 0532	
S42	41.50	+/-0.25	2.00	+/-0.10		S42		CO 0533	
S44	43.50					S44		CO 0534	
S45	44.50					S45		CO 0535	
S46	45.50					S46		CO 0536	
S48	47.50					S48		CO 0537	
S50	49.50					S50		CO 0538	
S53	52.50					S53		CO 0539	
S55	54.50					S55		CO 0540	
S56	55.50					S56		CO 0541	

O-RING STANDARDS SIZE (S)

Cross section (CS)=2.00 mm (S22.4-S150)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance		(CS)	Tolerance	F	JIS	AS-BS	NOK
S60	59.50	+/-0.25	2.00	+/-0.10		S60		CO 0542	
S63	62.50					S63		CO 0543	
S65	64.50					S65		CO 0544	
S67	66.50					S67		CO 0545	
S70	69.50					S70		CO 0546	
S71	70.50	+/-0.40				S71		CO 0547	
S75	74.50					S75		CO 0548	
S80	79.50					S80		CO 0549	
S85	84.50					S85		CO 0550	
S90	89.50					S90		CO 0551	
S95	94.50					S95		CO 0552	
S100	99.50					S100		CO 0553	
S105	104.50					S105		CO 0554	
S110	109.50					S110		CO 0555	
S112	111.50					S112		CO 0556	
S115	114.50					S115		CO 0557	
S120	119.50					S120		CO 0558	
S125	124.50					S125		CO 0559	
S130	129.50	+/-0.60				S130		CO 0560	
S132	131.50					S132		CO 0561	
S135	134.50					S135		CO 0562	
S140	139.50					S140		CO 0563	
S145	144.50					S145		CO 0564	
S150	149.50					S150		CO 0565	

O-RING STANDARDS SIZE (SS)

Cross section (CS)=1.00 mm (SS2-SS12)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance		Tolerance	F	JIS	AS-BS	NOK	JASO F404
SS2	1.80	+/-0.15	1.00	+/-0.07		SS2		CO 3325	
SS2.5	2.00					SS2.5		CO 2956	
SS3	2.50					SS3		CO 3700	
SS3.5	3.00					SS3.5		CO 3835	
SS4	3.50					SS4		DO 1172	
SS4.5	4.00					SS4.5		CO 7820	
SS5	4.50					SS5		CO 3729	
SS5.5	5.00					SS5.5		CO 3370	
SS6	5.50					SS6		CO 3765	
SS6.5	6.00					SS6.5		CO 3126	
SS7	6.50					SS7		CO 8846	
SS7.5	7.00					SS7.5		CO 5497	
SS8	7.50					SS8		CO 4275	
SS8.5	8.00					SS8.5		CO 7044	
SS9	8.50					SS9		CO 4945	
SS9.5	9.00					SS9.5		CO 7949	
SS10	9.50					SS10		CO 8847	
SS10.5	10.00					SS10.5		CO 8848	
SS11	10.50					SS11		CO 8849	
SS11.5	11.00					SS11.5		CO 5952	
SS12	11.50					SS12		CO 8850	

O-RING STANDARDS SIZE (V)

Cross section (CS)=4.00 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
V 15	14.50	+/-0.15	4.00	+/-0.10				CO 0300	
V 24	23.5							CO 0301	
V 34	33.5							CO 0302	
V 40	39.5							CO 0303	
V 55	54.5	+/-0.25						CO 0304	
V 70	69.0							CO 0305	
V 85	84.0							CO 0306	
V 100	99.0	+/-0.40						CO 0307	
V 120	119.0							CO 0308	
V 150	148.5	+/-0.60						CO 0309	
V 175	173.0							CO 0310	

O-RING STANDARD SIZE (V)

Cross section (CS)=6.00 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
V 225	222.5	+/-0.8	6.00	+/-0.15				CO 0311	
V 275	272.0							CO 0312	
V 325	321.5	+/-1.0						CO 0313	
V 380	376.0							CO 0314	
V 430	425.5	+/-1.2						CO 0315	

O-RING STANDARD SIZE (V)

Cross section (CS)=10.00 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
V 480	475.0	+/-1.2	10.00	+/-0.3				CO 0316	
V 530	524.5	+/-1.6						CO 0317	
V 585	579.0							CO 0318	
V 640	633.5							CO 0319	
V 690	683.0							CO 0320	
V 740	732.5	+/-2.0						CO 0321	
V 790	782.0							CO 0322	
V 845	836.5							CO 0323	
V 950	940.5	+/-2.5						CO 0324	
V 1055	1044.0	+/-3.0						CO 0325	

O-RING STANDARDS SIZE (AS)

Cross section (CS)=1.78 mm (AS001-AS050)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
AS-001	0.74	+/-0.10	1.02	+/-0.07			AS-001	CO 8424	
AS-002	1.07		1.27				AS-002	CO 3387	
AS-003	1.42		1.52				AS-003	CO 3388	
AS-004	1.78	+/-0.13	1.78	+/-0.08			AS-004	CO 5146	
AS-005	2.57						AS-005	CO 3052	
AS-006	2.90						AS-006	CO 0400	
AS-007	3.68						AS-007	CO 0401	
AS-008	4.47						AS-008	CO 0402	
AS-009	5.28						AS-009	CO 0403	
AS-010	6.07						AS-010	CO 0404	
AS-011	7.65						AS-011	CO 0405	
AS-012	9.25						AS-012	CO 0407	
AS-013	10.82						AS-013	CO 3174	
AS-014	12.42						AS-014	CO 1119	
AS-015	14.00	+/-0.18					AS-015	CO 1140	
AS-016	15.60	+/-0.23					AS-016	CO 3035	
AS-017	17.17						AS-017	CO 1179	
AS-018	18.77						AS-018	CO 1203	
AS-019	20.35						AS-019	CO 1225	
AS-020	21.95						AS-020	CO 1241	
AS-021	23.52						AS-021	CO 3037	
AS-022	25.12	+/-0.25					AS-022	CO 4386	
AS-023	26.70						AS-023	CO 3173	
AS-024	28.30						AS-024	CO 1302	
AS-025	29.87	+/-0.28					AS-025	CO 3636	
AS-026	31.47						AS-026	CO 3093	
AS-027	33.05						AS-027	CO 7771	

O-RING STANDARDS SIZE (AS)

Cross section (CS)=1.78 mm (AS001-AS050)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
AS-028	34.65	+/-0.33	1.78	+/-0.08			AS-028	CO 3092	
AS-029	37.82						AS-029	CO 6134	
AS-030	41.00						AS-030	CO 3191	
AS-031	44.17	+/-0.38					AS-031	CO 5191	
AS-032	47.35						AS-032	CO 3235	
AS-033	50.52						AS-033	CO 5346	
AS-034	53.70	+/-0.46					AS-034	CO 1464	
AS-035	56.87						AS-035	CO 7772	
AS-036	60.05						AS-036	CO 4714	
AS-037	63.22						AS-037	CO 8462	
AS-038	66.40						AS-038	CO 8231	
AS-039	69.57	+/-0.51					AS-039	CO 4699	
AS-040	72.75						AS-040	CO 4457	
AS-041	75.92						AS-041	CO 7129	
AS-042	82.27	+/-0.61					AS-042	CO 4335	
AS-043	88.62						AS-043	CO 3010	
AS-044	94.97						AS-044	CO 8205	
AS-045	101.32	+/-0.69					AS-045	CO 4251	
AS-046	107.67						AS-046	CO 4873	
AS-047	114.02						AS-047	CO 4947	
AS-048	120.37	+/-0.76					AS-048	CO 4252	
AS-049	126.72						AS-049	CO 8463	
AS-050	133.07						AS-050	CO 4948	

O-RING STANDARDS SIZE (AS)

Cross section (CS)=2.62 mm (AS102-AS178)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
AS-102	1.24	+/-0.13	2.62	+/-0.08			AS-102	CO 8485	
AS-103	2.06						AS-103	CO 8464	
AS-104	2.84						AS-104	CO 8465	
AS-105	3.63						AS-105	CO 8466	
AS-106	4.42						AS-106	CO 8467	
AS-107	5.23						AS-107	CO 6006	
AS-108	6.02						AS-108	CO 8468	
AS-109	7.59						AS-109	CO 3084	
AS-110	9.19						AS-110	CO 0406	
AS-111	10.77						AS-111	CO 0408	
AS-112	12.37						AS-112	CO 0409	
AS-113	13.94	+/-0.18					AS-113	CO 0410	
AS-114	15.54	+/-0.23					AS-114	CO 0411	
AS-115	17.12						AS-115	CO 0412	
AS-116	18.72						AS-116	CO 0414	
AS-117	20.29	+/-0.25					AS-117	CO 4370	
AS-118	21.89						AS-118	CO 1240	
AS-119	23.46						AS-119	CO 6065	
AS-120	25.07						AS-120	CO 3805	
AS-121	26.64						AS-121	CO 3601	
AS-122	28.24						AS-122	CO 4128	
AS-123	29.82	+/-0.30					AS-123	CO 3105	
AS-124	31.42						AS-124	CO 3112	
AS-125	32.99						AS-125	CO 3230	
AS-126	34.59						AS-126	CO 3449	
AS-127	36.17						AS-127	CO 1367	

O-RING STANDARDS SIZE (AS)

Cross section (CS)=2.62 mm (AS102-AS178)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
AS-128	37.77	+/-0.30	2.62	+/-0.08			AS-128	CO 1380	
AS-129	39.34	+/-0.38					AS-129	CO 3851	
AS-130	40.94						AS-130	CO 4408	
AS-131	42.52						AS-131	CO 6451	
AS-132	44.12						AS-132	CO 6155	
AS-133	45.69						AS-133	CO 3152	
AS-134	47.29	+/-0.34					AS-134	CO 1433	
AS-135	48.90	+/-0.43					AS-135	CO 8469	
AS-136	50.47						AS-136	CO 4330	
AS-137	52.07						AS-137	CO 1416	
AS-138	53.64						AS-138	CO 3707	
AS-139	55.24						AS-139	CO 6189	
AS-140	56.82						AS-140	CO 3107	
AS-141	58.42	+/-0.51					AS-141	CO 6202	
AS-142	59.99						AS-142	CO 6210	
AS-143	61.59						AS-143	CO 7872	
AS-144	63.17						AS-144	CO 4253	
AS-145	64.77						AS-145	CO 1518	
AS-146	66.34						AS-146	CO 3148	
AS-147	67.94	+/-0.56					AS-147	CO 3103	
AS-148	69.52						AS-148	CO 4718	
AS-149	71.12						AS-149	CO 6254	
AS-150	72.69						AS-150	CO 6261	
AS-151	75.87	+/-0.61					AS-151	CO 6268	
AS-152	82.22						AS-152	CO 6276	
AS-153	88.57						AS-153	CO 3568	
AS-154	94.92	+/-0.71					AS-154	CO 4837	
AS-155	101.27						AS-155	CO 7031	

O-RING STANDARDS SIZE (AS)

Cross section (CS)=2.62 mm (AS102-AS178)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
AS-156	107.62	+/-0.76	2.62	+/-0.08			AS-156	CO 1460	
AS-157	113.97						AS-157	CO 5357	
AS-158	120.32						AS-158	CO 6356	
AS-159	126.67	+/-0.89					AS-159	CO 7811	
AS-160	133.02						AS-160	CO 1720	
AS-161	139.37						AS-161	CO 4812	
AS-162	145.72						AS-162	CO 7130	
AS-163	152.07	+/-1.02					AS-163	CO 1808	
AS-164	158.42						AS-164	CO 1830	
AS-165	164.77						AS-165	CO 5411	
AS-166	171.12						AS-166	CO 6432	
AS-167	177.47	+/-1.14					AS-167	CO 6437	
AS-168	183.82						AS-168	CO 6445	
AS-169	190.17						AS-169	CO 8470	
AS-170	196.52						AS-170	CO 5303	
AS-171	202.87	+/-1.27					AS-171	CO 7775	
AS-172	209.22						AS-172	CO 5270	
AS-173	215.57						AS-173	CO 7776	
AS-174	221.92						AS-174	CO 8187	
AS-175	228.27	+/-1.40					AS-175	CO 8534	
AS-176	234.62						AS-176	CO 1122	
AS-177	240.97						AS-177	CO 1123	
AS-178	247.32						AS-178	CO 1124	

O-RING STANDARDS SIZE (AS)

Cross section (CS)=3.53 mm (AS201-AS284)

Dimensions		(ID) Tolerance	Cross Section	(CS) Tolerance	Spec.References				
Type	(ID)		(CS)		F	JIS	AS-BS	NOK	JASO F404
AS-201	4.34	+/-0.13	3.53	+/-0.10			AS-201	CO 8471	
AS-202	5.94						AS-202	CO 8472	
AS-203	7.52						AS-203	CO 4527	
AS-204	9.12						AS-204	CO 7048	
AS-205	10.69						AS-205	CO 7049	
AS-206	12.29						AS-206	CO 8460	
AS-207	13.87	+/-0.18					AS-207	CO 7059	
AS-208	15.47	+/-0.23					AS-208	CO 5250	
AS-209	17.04						AS-209	CO 8451	
AS-210	18.64	+/-0.25					AS-210	CO 0413	
AS-211	20.22						AS-211	CO 0415	
AS-212	21.82						AS-212	CO 0416	
AS-213	23.39						AS-213	CO 0417	
AS-214	24.99						AS-214	CO 0418	
AS-215	26.57						AS-215	CO 0419	
AS-216	28.17	+/-0.30					AS-216	CO 0420	
AS-217	29.74						AS-217	CO 0421	
AS-218	31.34						AS-218	CO 0422	
AS-219	32.92						AS-219	CO 0423	
AS-220	34.52						AS-220	CO 0424	
AS-221	36.09						AS-221	CO 0425	
AS-222	37.69	+/-0.38					AS-222	CO 0426	
AS-223	40.87						AS-223	CO 0350	
AS-224	44.04						AS-224	CO 0351	

O-RING STANDARDS SIZE (AS)

Cross section (CS)=3.53 mm (AS201-AS284)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
AS-225	47.22	+/-0.46	3.53	+/-0.10			AS-225	CO 0352	
AS-226	50.39						AS-226	CO 0353	
AS-227	53.57						AS-227	CO 0354	
AS-228	56.74	+/-0.51					AS-228	CO 0355	
AS-229	59.92						AS-229	CO 0356	
AS-230	63.09						AS-230	CO 0357	
AS-231	66.27	AS-231					CO 0358		
AS-232	69.44	+/-0.61					AS-232	CO 0359	
AS-233	72.62						AS-233	CO 0360	
AS-234	75.79						AS-234	CO 0361	
AS-235	78.97						AS-235	CO 0362	
AS-236	82.14						AS-236	CO 0363	
AS-237	85.32						AS-237	CO 0364	
AS-238	88.49	+/-0.71					AS-238	CO 0365	
AS-239	91.67						AS-239	CO 0366	
AS-240	94.84						AS-240	CO 0367	
AS-241	98.02						AS-241	CO 0368	
AS-242	101.19						AS-242	CO 0369	
AS-243	104.37	+/-0.76					AS-243	CO 0370	
AS-244	107.54						AS-244	CO 0371	
AS-245	110.72						AS-245	CO 0372	
AS-246	113.89						AS-246	CO 0373	
AS-247	117.07						AS-247	CO 0374	
AS-248	120.24	+/-0.89					AS-248	CO 1672	
AS-249	123.42						AS-249	CO 1680	
AS-250	126.59						AS-250	CO 1691	

O-RING STANDARDS SIZE (AS)

Cross section (CS)=3.53 mm (AS201-AS284)

Dimensions		(ID)	Cross Section	(CS)	Spec.References																								
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404																				
AS-251	129.77	+/-0.89	3.53	+/-0.10			AS-251	CO 1705																					
AS-252	132.94						AS-252	CO 1717																					
AS-253	136.12						AS-253	CO 4047																					
AS-254	139.29						AS-254	CO 1744																					
AS-255	142.47						AS-255	CO 1762																					
AS-256	145.64						AS-256	CO 1774																					
AS-257	148.82						AS-257	CO 1788																					
AS-258	151.99						AS-258	CO 1805																					
AS-259	158.34	+/-1.02										AS-259	CO 1829																
AS-260	164.69											AS-260	CO 1856																
AS-261	171.04											AS-261	CO 1880																
AS-262	177.39											AS-262	CO 1983																
AS-263	183.74	+/-1.14															AS-263	CO 1915											
AS-264	190.09																AS-264	CO 1931											
AS-265	196.44																AS-265	CO 1946											
AS-266	202.79																AS-266	CO 1959											
AS-267	209.14	+/-1.27																				AS-267	CO 1979						
AS-268	215.49																					AS-268	CO 1990						
AS-269	221.84																					AS-269	CO 2001						
AS-270	228.19																					AS-270	CO 2018						
AS-271	234.54	+/-1.40																									AS-271	CO 2032	
AS-272	240.89																										AS-272	CO 2050	
AS-273	247.24																										AS-273	CO 2064	
AS-274	253.59																										AS-274	CO 3415	
AS-275	266.29																										AS-275	CO 5748	
AS-276	278.99	+/-1.65																											

O-RING STANDARDS SIZE (AS)

Cross section (CS)=3.53 mm (AS201-AS284)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
AS-277	291.69	+/-1.65	3.53	+/-0.10			AS-277	CO 2132	
AS-278	304.39						AS-278	CO 4602	
AS-279	329.79						AS-279	CO 2192	
AS-280	355.19						AS-280	CO 4549	
AS-281	380.59						AS-281	CO 2277	
AS-282	405.26	+/-1.91					AS-282	CO 4609	
AS-283	430.66	+/-2.03					AS-283	CO 6675	
AS-284	456.06	+/-2.16					AS-284	CO 5011	

O-RING STANDARDS SIZE (AS)

Cross section (CS)=5.33 mm (AS309-AS395)

Dimensions		(ID) Tolerance	Cross Section	(CS) Tolerance	Spec.References				
Type	(ID)		(CS)		F	JIS	AS-BS	NOK	JASO F404
AS-309	10.46	+/-0.13	5.33	+/-0.13			AS-309	CO 8486	
AS-310	12.06						AS-310	CO 8487	
AS-311	13.64	AS-311					CO 8488		
AS-312	15.24	+/-0.23					AS-312	CO 4082	
AS-313	16.81						AS-313	CO 8480	
AS-314	18.42	+/-0.25					AS-314	CO 8481	
AS-315	19.99						AS-315	CO 7777	
AS-316	21.59						AS-316	CO 8482	
AS-317	23.16						AS-317	CO 6064	
AS-318	24.76						AS-318	CO 3025	
AS-319	26.34						AS-319	CO 8483	
AS-320	27.94	+/-0.30					AS-320	CO 4337	
AS-321	29.51						AS-321	CO 7778	
AS-322	31.12						AS-322	CO 4081	
AS-323	32.69						AS-323	CO 8484	
AS-324	34.29						AS-324	CO 4070	
AS-325	37.47	+/-0.38					AS-325	CO 0427	
AS-326	40.64						AS-326	CO 0428	
AS-327	43.82						AS-327	CO 0429	
AS-328	46.99						AS-328	CO 0430	
AS-329	50.16	+/-0.46					AS-329	CO 0431	
AS-330	53.34						AS-330	CO 0432	
AS-331	56.52						AS-331	CO 0433	
AS-332	59.69						AS-332	CO 0434	

O-RING STANDARDS SIZE (AS)

Cross section (CS)=5.33 mm (AS309-AS395)

Dimensions		(ID) Tolerance	Cross Section	(CS) Tolerance	Spec.References				
Type	(ID)		(CS)		F	JIS	AS-BS	NOK	JASO F404
AS-333	62.86	+/-0.51	5.33	+/-0.13			AS-333	CO 0435	
AS-334	66.04						AS-334	CO 0436	
AS-335	69.22						AS-335	CO 0437	
AS-336	72.39						AS-336	CO 0438	
AS-337	75.56	+/-0.61					AS-337	CO 0439	
AS-338	78.74						AS-338	CO 0440	
AS-339	81.92						AS-339	CO 0441	
AS-340	85.09						AS-340	CO 0442	
AS-341	88.26	AS-341					CO 0443		
AS-342	91.44	+/-0.71					AS-342	CO 0444	
AS-343	94.62						AS-343	CO 0445	
AS-344	97.79						AS-344	CO 0446	
AS-345	100.96						AS-345	CO 0447	
AS-346	104.14						AS-346	CO 0448	
AS-347	107.32	+/-0.76					AS-347	CO 0449	
AS-348	110.49						AS-348	CO 0450	
AS-349	113.66						AS-349	CO 0451	
AS-350	116.84						AS-350	CO 6340	
AS-351	120.02						AS-351	CO 7779	
AS-352	123.19						AS-352	CO 4133	
AS-353	126.36	+/-0.94					AS-353	CO 6366	
AS-354	129.54						AS-354	CO 4205	
AS-355	132.72						AS-355	CO 5131	
AS-356	135.89						AS-356	CO 6385	
AS-357	139.07						AS-357	CO 5317	
AS-358	142.24						AS-358	CO 7782	

O-RING STANDARDS SIZE (AS)

Cross section (CS)=5.33 mm (AS309-AS395)

Dimensions		(ID) Tolerance	Cross Section	(CS) Tolerance	Spec.References				
Type	(ID)		(CS)		F	JIS	AS-BS	NOK	JASO F404
AS-359	145.42	+/-0.94	5.33	+/-0.13			AS-359	CO 4111	
AS-360	148.59						AS-360	CO 8429	
AS-361	151.77						AS-361	CO 7783	
AS-362	158.12	+/-1.02					AS-362	CO 7784	
AS-363	164.47						AS-363	CO 7785	
AS-364	170.82						AS-364	CO 7786	
AS-365	177.17						AS-365	CO 7787	
AS-366	183.52	+/-1.14					AS-366	CO 7819	
AS-367	189.86						AS-367	CO 3417	
AS-368	196.22						AS-368	CO 1945	
AS-369	202.57						AS-369	CO 7789	
AS-370	208.92	+/-1.27					AS-370	CO 7790	
AS-371	215.27						AS-371	CO 6492	
AS-372	221.62						AS-372	CO 7791	
AS-373	227.97						AS-373	CO 7792	
AS-374	234.32	+/-1.40					AS-374	CO 7793	
AS-375	240.67						AS-375	CO 8801	
AS-376	247.02						AS-376	CO 8803	
AS-377	253.37						AS-377	CO 7794	
AS-378	266.07	+/-1.52					AS-378	CO 4905	
AS-379	278.77						AS-379	CO 7795	
AS-380	291.47	+/-1.65					AS-380	CO 8851	
AS-381	304.17						AS-381	CO 4906	
AS-382	329.57						AS-382	CO 7797	
AS-383	354.97	+/-1.78					AS-383	CO 7798	
AS-384	380.37						AS-384	CO 6643	

O-RING STANDARDS SIZE (AS)

Cross section (CS)=5.33 mm (AS309-AS395)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	I-JIS	AS-BS	NOK	JASO F404
AS-385	405.26	+/-1.91	5.33	+/-0.13			AS-385	CO 7799	
AS-386	430.66	+/-2.03					AS-386	CO 8802	
AS-387	456.06	+/-2.16					AS-387	CO 7826	
AS-388	481.46	+/-2.29					AS-388	CO 7800	
AS-389	506.81	+/-2.41					AS-389		
AS-390	532.21						AS-390		
AS-391	557.61	AS-391							
AS-392	582.68	AS-392							
AS-393	608.08	AS-393							
AS-394	633.48	AS-394							
AS-395	658.88	+/-3.05	AS-395						

O-RING STANDARDS SIZE (AS)

Cross section (CS)=6.99 mm (AS425-AS475)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	I-JIS	AS-BS	NOK	JASO F404
AS-425	113.66	+/-0.84	6.99	+/-0.15			AS-425	CO 0487	
AS-426	116.84						AS-426	CO 0452	
AS-427	120.02						AS-427	CO 0453	
AS-428	123.19						AS-428	CO 0454	
AS-429	126.36	+/-0.94					AS-429	CO 0455	
AS-430	129.54						AS-430	CO 0456	
AS-431	132.72						AS-431	CO 0457	
AS-432	135.89						AS-432	CO 0458	
AS-433	139.06						AS-433	CO 0459	
AS-434	142.24	'+/-0.94					AS-434	CO 0460	
AS-435	145.42						AS-435	CO 0461	
AS-436	148.59						AS-436	CO 0462	
AS-437	151.76						AS-437	CO 0463	
AS-438	158.12						AS-438	CO 0464	
AS-439	164.46	+/-1.02					AS-439	CO 0465	
AS-440	170.82						AS-440	CO 0466	
AS-441	177.16						AS-441	CO 0467	
AS-442	183.52						AS-442	CO 0468	
AS-443	189.86						AS-443	CO 0469	
AS-444	196.22	+/-1.14					AS-444	CO 0487	
AS-445	202.56						AS-445	CO 0471	
AS-445A	209.55						AS-445A		
AS-446	215.26						AS-446	CO 0472	
AS-446A	222.25						AS-446A		
AS-447	227.96	+/-1.40					AS-447	CO 0473	
AS-447A	234.90						AS-447A		
AS-448	240.67						AS-448	CO 0474	
AS-448A	247.65						AS-448A		
AS-449	253.36						AS-449	CO 0475	
AS-449A	260.35						AS-449A		

O-RING STANDARDS SIZE (AS)

Cross section (CS)=6.99 mm (AS425-AS475)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	I-JIS	AS-BS	NOK	JASO F404
AS-450	266.06	+/-1.52	6.99	+/-0.15			AS-450	CO 0476	
AS-450A	273.05						AS-450A		
AS-451	278.76						AS-451	CO 0477	
AS-451A	285.75						AS-451A		
AS-452	291.47						AS-452	CO 0478	
AS-452A	298.45						AS-452A		
AS-453	304.17						AS-453	CO 0479	
AS-454	316.87						AS-454	CO 0480	
AS-455	329.56	AS-455					CO 0481		
AS-456	342.26	AS-456					CO 0482		
AS-457	354.96	AS-457					CO 0483		
AS-458	367.66	AS-458					CO 0484		
AS-459	380.36	AS-459					CO 0485		
AS-460	393.07	AS-460					CO 0486		
AS-461	405.26	AS-461					CO 4397		
AS-462	417.96	AS-462					CO 7806		
AS-463	430.66	AS-463					CO 7807		
AS-464	443.36	AS-464					CO 2401		
AS-465	456.06	AS-465					CO 7808		
AS-466	468.76	AS-466					CO 5107		
AS-467	481.46	AS-467					CO 4270		
AS-468	494.16	AS-468					CO 8810		
AS-469	506.86	AS-469							
AS-470	532.26	AS-470							
AS-471	557.66	AS-471							
AS-472	582.68	AS-472							
AS-473	608.08	AS-473							
AS-474	633.48	AS-474							
AS-475	658.88	AS-475							

O-RING STANDARDS SIZE (AS)

Cross section (CS)=1.42 mm,1.63 mm,1.83 mm,1.98 mm

Cross section (CS)=2.08 mm,2.21 mm,2.46 mm,2.95 mm,3.00 mm

Dimensions		(ID) Tolerance	Cross Section	(CS) Tolerance	Spec.References				
Type	(ID)		(CS)		F	JIS	AS-BS	NOK	JASO F404
AS-901	4.70	+/-0.12	1.42	+/-0.07			AS-901	CO 5480	
AS-902	6.07		1.63	+/-0.07			AS-902	CO 3091	
AS-903	7.64		1.83	+/-0.07			AS-903	CO 7600	
AS-904	8.92			+/-0.07			AS-904	CO 3597	
AS-905	10.52		1.98	+/-0.07			AS-905	CO 1087	
AS-906	11.89		2.08	+/-0.07			AS-906	CO 3604	
AS-907	13.46		2.21	+/-0.07			AS-907	CO 8804	
AS-908	16.36		2.46	+/-0.07			AS-908	CO 1165	
AS-909	17.93			+/-0.07			AS-909	CO 8805	
AS-910	19.18			+/-0.07			AS-910	CO 1206	
AS-911	21.92	+/-0.15	2.95	+/-0.10			AS-911	CO 8243	
AS-912	23.47						AS-912	CO 1253	
AS-913	25.04						AS-913	CO 8806	
AS-914	26.59						AS-914	CO 2998	
AS-916	29.74						AS-916	CO 1315	
AS-918	34.42						AS-918	CO 8807	
AS-920	37.46	+/-0.25	3.00	+/-0.10			AS-920	CO 3640	
AS-924	43.69						AS-924	CO 3706	
AS-928	53.09						AS-928	CO 8808	
AS-932	59.36						AS-932	CO 8809	

ISO O-RINGS

Cross section (CS)=1.80 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References										
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404						
A 0018G	1.80	+/-0.13	1.80	+/-0.08				CO 7200A							
A 0020G	2.00							CO 7201A							
A 0022G	2.40							CO 7202A							
A 0025G	2.50	+/-0.14						CO 7203A							
A 0028G	2.80							CO 7204A							
A 0031G	3.15							CO 7205A							
A 0035G	3.55							CO 7206A							
A 0037G	3.75							CO 7207A							
A 0040G	4.00	+/-0.15						CO 7208A							
A 0045G	4.50							CO 1021A							
A 0048G	4.87							CO 7209A							
A 0050G	5.00							CO 7210A							
A 0051G	5.15							CO 7200A							
A 0053G	5.30	+/-0.15						+/-0.16						CO 7212A	
A 0056G	5.60													CO 6868A	
A 0060G	6.00													CO 3026A	
A 0063G	6.30	CO 7213A													
A 0067G	6.70	CO 7038A													
A 0069G	6.90	CO 7214A													
A 0071G	7.10	CO 7215A													
A 0075G	7.50	CO 7216A													
A 0080G	8.00	CO 7217A													
A 0085G	8.50	CO 7218A													

ISO O-RINGS

Cross section (CS)=1.80 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References									
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404					
A 0087G	8.75	+/-0.17	1.80	+/-0.08				CO 7219A						
A 0090G	9.00							CO 1061A						
A 0095G	9.50							CO 7221A						
A 0100G	10.00	+/-0.18						CO 7222A						
A 0106G	10.60							CO 7223A						
A 0112G	11.20							CO 7224A						
A 0118G	11.80	+/-0.19						CO 1109A						
A 0125G	12.50							CO 7225A						
A 0132G	13.20							CO 7226A						
A 0140G	14.00	+/-0.20						CO 3441A						
A 0150G	15.00							CO 6822A						
A 0160G	16.00							CO 6861A						
A 0170G	17.00	+/-0.21						CO 7227A						

ISO O-RINGS

Cross section (CS)=2.65 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
B 0140G	14.00	+/-0.19	2.65	+/-0.09				CO 7228A	
B 0150G	15.00	+/-0.20						CO 7229A	
B 0160G	16.00							CO 7230A	
B 0170G	17.00	+/-0.21						CO 7231A	
B 0180G	18.00							CO 7232A	
B 0190G	19.00	+/-0.22						CO 7233A	
B 0200G	20.00							CO 7234A	
B 0212G	21.20	+/-0.23						CO 7235A	
B 0224G	22.40	+/-0.24						CO 7236A	
B 0236G	23.60							CO 7237A	
B 0250G	25.00	+/-0.25						CO 7238A	
B 0258G	25.80	+/-0.26						CO 7239A	
B 0265G	26.50							CO 7240A	
B 0280G	28.00	+/-0.28						CO 7241A	
B 0300G	30.00	+/-0.29						CO 7242A	
B 0315G	31.50	+/-0.31						CO 7243A	
B 0325G	32.50	+/-0.32						CO 7244A	
B 0335G	33.50							CO 7245A	
B 0345G	34.50	+/-0.33						CO 7246A	
B 0355G	35.50	+/-0.34						CO 7247A	
B 0365G	36.50	+/-0.35						CO 7248A	
B 0375G	37.50	+/-0.36						CO 7249A	
B 0387G	38.70	+/-0.37						CO 7250A	

ISO O-RINGS

Cross section (CS)=3.55 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance			F	JIS	AS-BS	NOK	JASO F404
C 0180G	18.00	+/-0.21	3.55	+/-0.10				CO 7251A	
C 0190G	19.00	+/-0.22						CO 7252A	
C 0200G	20.00	+/-0.23						CO 7253A	
C 0212G	21.20	+/-0.23						CO 7254A	
C 0224G	22.40	+/-0.24						CO 7255A	
C 0236G	23.60	+/-0.24						CO 7256A	
C 0250G	25.00	+/-0.25						CO 7257A	
C 0258G	25.80	+/-0.26						CO 7258A	
C 0265G	26.50	+/-0.26						CO 7259A	
C 0280G	28.00	+/-0.28						CO 7260A	
C 0300G	30.00	+/-0.29						CO 7261A	
C 0315G	31.50	+/-0.31						CO 7262A	
C 0325G	32.50	+/-0.32						CO 7263A	
C 0335G	33.50	+/-0.32						CO 7264A	
C 0345G	34.50	+/-0.33						CO 7265A	
C 0355G	35.50	+/-0.34						CO 7266A	
C 0365G	36.50	+/-0.35						CO 7267A	
C 0375G	37.50	+/-0.36						CO 7268A	
C 0387G	38.70	+/-0.37						CO 7269A	
C 0400G	40.00	+/-0.38						CO 7370A	
C 0412G	41.20	+/-0.39						CO 7271A	
C 0425G	42.50	+/-0.40						CO 7272A	
C 0437G	43.70	+/-0.41						CO 7273A	
C 0450G	45.00	+/-0.42						CO 7274A	
C 0462G	46.20	+/-0.43						CO 7275A	
C 0475G	47.50	+/-0.44						CO 7276A	
C 0487G	48.70	+/-0.45						CO 7277A	
C 0500G	50.00	+/-0.46						CO 7278A	

ISO O-RINGS

Cross section (CS)=3.55 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance			F	JIS	AS-BS	NOK	JASO F404
C 0515G	51.50	+/-0.47	3.55	+/-0.10				CO 7279A	
C 0530G	53.00	+/-0.48						CO 7280A	
C 0545G	54.50	+/-0.50						CO 7281A	
C 0560G	56.00	+/-0.51						CO 7282A	
C 0580G	58.00	+/-0.52						CO 7283A	
C 0600G	60.00	+/-0.54						CO 7284A	
C 0615G	61.50	+/-0.55						CO 7285A	
C 0630G	63.00	+/-0.56						CO 7286A	
C 0650G	65.00	+/-0.58						CO 7287A	
C 0670G	67.00	+/-0.59						CO 7388A	
C 0690G	69.00	+/-0.61						CO 7289A	
C 0710G	71.00	+/-0.63						CO 7290A	
C 0730G	73.00	+/-0.64						CO 7291A	
C 0750G	75.00	+/-0.66						CO 7292A	
C 0775G	77.50	+/-0.67						CO 7293A	
C 0800G	80.00	+/-0.69						CO 7294A	
C 0825G	82.50	+/-0.71						CO 7295A	
C 0850G	85.00	+/-0.73						CO 7296A	
C 0875G	87.50	+/-0.75						CO 7297A	
C 0900G	90.00	+/-0.77						CO 7298A	
C 0925G	92.50	+/-0.79						CO 7299A	
C 0950G	95.00	+/-0.81						CO 7300A	
C 0975G	97.50	+/-0.83						CO 7301A	
C 1000G	100.00	+/-0.84						CO 7302A	
C 1030G	103.00	+/-0.87						CO 7303A	
C 1060G	106.00	+/-0.89						CO 7304A	
C 1090G	109.00	+/-0.91						CO 7305A	
C 1120G	112.00	+/-0.93						CO 7306A	

ISO O-RINGS

Cross section (CS)=3.55 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
C 1150G	115.00	+/-0.95	3.55	+/-0.10				CO 7307A	
C 1180G	118.00	+/-0.97						CO 7308A	
C 1220G	122.00	+/-1.00						CO 7309A	
C 1250G	125.00	+/-1.03						CO 7310A	
C 1280G	128.00	+/-1.05						CO 7311A	
C 1320G	132.00	+/-1.08						CO 7312A	
C 1360G	136.00	+/-1.10						CO 7313A	
C 1400G	140.00	+/-1.13						CO 7314A	
C 1450G	145.00	+/-1.17						CO 7315A	
C 1500G	150.00	+/-1.20						CO 7316A	
C 1550G	155.00	+/-1.24						CO 7317A	
C 1600G	160.00	+/-1.27						CO 7318A	
C 1650G	165.00	+/-1.31						CO 7319A	
C 1700G	170.00	+/-1.34						CO 7320A	
C 1750G	175.00	+/-1.38						CO 7321A	
C 1800G	180.00	+/-1.41						CO 7322A	
C 1850G	185.00	+/-1.44						CO 7323A	
C 1900G	190.00	+/-1.48						CO 7324A	
C 1950G	195.00	+/-1.51						CO 7325A	
C 2000G	200.00	+/-1.55						CO 7326A	

ISO O-RINGS

Cross section (CS)=5.30 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
D 0400G	40.00	+/-0.38	5.30	+/-0.13				CO 7327A	
D 0412G	41.20	+/-0.39						CO 7328A	
D 0425G	42.50	+/-0.40						CO 7329A	
D 0437G	43.70	+/-0.41						CO 7330A	
D 0450G	45.00	+/-0.42						CO 4643A	
D 0462G	46.20	+/-0.43						CO 7331A	
D 0475G	47.50	+/-0.44						CO 7332A	
D 0487G	48.70	+/-0.45						CO 7333A	
D 0500G	50.00	+/-0.46						CO 7334A	
D 0515G	51.50	+/-0.47						CO 7335A	
D 0530G	53.00	+/-0.48						CO 7336A	
D 0545G	54.50	+/-0.50						CO 7337A	
D 0560G	56.00	+/-0.51						CO 7338A	
D 0580G	58.00	+/-0.52						CO 7339A	
D 0600G	60.00	+/-0.54						CO 7340A	
D 0615G	61.50	+/-0.55						CO 7341A	
D 0630G	63.00	+/-0.56						CO 7342A	
D 0650G	65.00	+/-0.58						CO 7343A	
D 0670G	67.00	+/-0.59						CO 7344A	
D 0690G	69.00	+/-0.61						CO 7345A	
D 0710G	71.00	+/-0.63						CO 7346A	
D 0730G	73.00	+/-0.64						CO 7347A	
D 0750G	75.00	+/-0.66						CO 7348A	
D 0775G	77.50	+/-0.67						CO 7349A	
D 0800G	80.00	+/-0.69						CO 7350A	
D 0825G	82.50	+/-0.71						CO 7351A	

ISO O-RINGS

Cross section (CS)=5.30 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
D 0850G	85.00	+/-0.73	5.30	+/-0.13				CO 7352A	
D 0875G	87.50	+/-0.75						CO 7353A	
D 0900G	90.00	+/-0.77						CO 7354A	
D 0925G	92.50	+/-0.79						CO 7355A	
D 0950G	95.00	+/-0.81						CO 7356A	
D 0975G	97.50	+/-0.83						CO 7357A	
D 1000G	100.00	+/-0.84						CO 7358A	
D 1030G	103.00	+/-0.87						CO 7359A	
D 1060G	106.00	+/-0.89						CO 7360A	
D 1090G	109.00	+/-0.91						CO 7361A	
D 1120G	112.00	+/-0.93						CO 7362A	
D 1150G	115.00	+/-0.95						CO 7363A	
D 1180G	118.00	+/-0.97						CO 7364A	
D 1220G	122.00	+/-1.00						CO 7365A	
D 1250G	125.00	+/-1.03						CO 7366A	
D 1280G	128.00	+/-1.05						CO 7367A	
D 1320G	132.00	+/-1.08						CO 7368A	
D 1360G	136.00	+/-1.10						CO 7369A	
D 1400G	140.00	+/-1.13						CO 7370A	
D 1450G	145.00	+/-1.17						CO 7371A	
D 1500G	150.00	+/-1.20						CO 7372A	
D 1550G	155.00	+/-1.24						CO 7373A	
D 1600G	160.00	+/-1.27						CO 7374A	
D 1650G	165.00	+/-1.31						CO 7375A	
D 1700G	170.00	+/-1.34						CO 7376A	
D 1750G	175.00	+/-1.38						CO 7377A	

ISO O-RINGS

Cross section (CS)=5.30 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
D 1800G	180.00	+/-1.41	5.30	+/-0.13				CO 7378A	
D 1850G	185.00	+/-1.44						CO 7379A	
D 1900G	190.00	+/-1.48						CO 7380A	
D 1950G	195.00	+/-1.51						CO 7381A	
D 2000G	200.00	+/-1.55						CO 7382A	
D 2060G	206.00	+/-1.59						CO 7383A	
D 2120G	212.00	+/-1.63						CO 7384A	
D 2180G	218.00	+/-1.67						CO 7385A	
D 2240G	224.00	+/-1.71						CO 7386A	
D 2300G	230.00	+/-1.75						CO 7387A	
D 2360G	236.00	+/-1.79						CO 7388A	
D 2430G	243.00	+/-1.83						CO 7389A	
D 2500G	250.00	+/-1.88						CO 7390A	
D 2580G	258.00	+/-1.93						CO 7391A	
D 2650G	265.00	+/-1.98						CO 7392A	
D 2720G	272.00	+/-2.02						CO 7393A	
D 2800G	280.00	+/-2.08						CO 7394A	
D 2900G	290.00	+/-2.14						CO 7395A	
D 3000G	300.00	+/-2.21						CO 7396A	
D 3070G	307.00	+/-2.25						CO 7397A	
D 3150G	315.00	+/-2.30						CO 7398A	
D 3250G	325.00	+/-2.37						CO 7399A	
D 3350G	335.00	+/-2.43						CO 7400A	
D 3450G	345.00	+/-2.49						CO 7401A	
D 3550G	355.00	+/-2.56						CO 7402A	
D 3650G	365.00	+/-2.62						CO 7403A	
D 3750G	375.00	+/-2.68						CO 7404A	
D 3870G	387.00	+/-2.76						CO 7405A	
D 4000G	400.00	+/-2.84						CO 7406A	

ISO O-RINGS

Cross section (CS)=7.00 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
E 1090G	109.00	+/-0.91	7.00	+/-0.15		DIN		CO 7407A	
E 1120G	112.00	+/-0.93						CO 7408A	
E 1150G	115.00	+/-0.95						CO 7409A	
E 1180G	118.00	+/-0.97						CO 7410A	
E 1220G	122.00	+/-1.00				DIN		CO 7411A	
E 1250G	125.00	+/-1.03						CO 7412A	
E 1280G	128.00	+/-1.05						CO 7413A	
E 1320G	132.00	+/-1.08						CO 7414A	
E 1360G	136.00	+/-1.10				DIN		CO 7415A	
E 1400G	140.00	+/-1.13						CO 7416A	
E 1450G	145.00	+/-1.17						CO 7417A	
E 1500G	150.00	+/-1.21						CO 7418A	
E 1550G	155.00	+/-1.24				DIN		CO 7419A	
E 1600G	160.00	+/-1.27						CO 7420A	
E 1650G	165.00	+/-1.31						CO 7421A	
E 1700G	170.00	+/-1.34						CO 7422A	
E 1750G	175.00	+/-1.38				DIN		CO 7423A	
E 1800G	180.00	+/-1.41						CO 7424A	
E 1850G	185.00	+/-1.44						CO 7425A	
E 1900G	190.00	+/-1.48						CO 7426A	
E 1950G	195.00	+/-1.51				DIN		CO 7427A	
E 2000G	200.00	+/-1.55						CO 7428A	
E 2060G	206.00	+/-1.59						CO 7429A	
E 2120G	212.00	+/-1.63						CO 7430A	
E 2180G	218.00	+/-1.67						CO 7431A	
E 2240G	224.00	+/-1.71						CO 7432A	

ISO O-RINGS

Cross section (CS)=7.00 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
E 2300G	230.00	+/-1.75	7.00	+/-0.15				CO 7433A	
E 2360G	236.00	+/-1.79						CO 7434A	
E 2430G	243.00	+/-1.83						CO 7435A	
E 2500G	250.00	+/-1.88						CO 7436A	
E 2580G	258.00	+/-1.93						CO 7437A	
E 2650G	265.00	+/-1.98						CO 7438A	
E 2720G	272.00	+/-2.02						CO 7439A	
E 2800G	280.00	+/-2.08						CO 7440A	
E 2900G	290.00	+/-2.14						CO 7441A	
E 3000G	300.00	+/-2.21						CO 7442A	
E 3070G	307.00	+/-2.25						CO 7443A	
E 3150G	315.00	+/-2.30						CO 7444A	
E 3250G	325.00	+/-2.37						CO 7445A	
E 3350G	335.00	+/-2.43						CO 7446A	
E 3450G	345.00	+/-2.49						CO 7447A	
E 3550G	355.00	+/-2.56						CO 7448A	
E 3650G	365.00	+/-2.62						CO 7449A	
E 3750G	375.00	+/-2.68						CO 7450A	
E 3870G	387.00	+/-2.76						CO 7451A	
E 4000G	400.00	+/-2.84						CO 7452A	
E 4120G	412.00	+/-2.91						CO 7453A	
E 4250G	425.00	+/-2.99						CO 7454A	
E 4370G	437.00	+/-3.07						CO 7455A	
E 4500G	450.00	+/-3.15						CO 7456A	
E 4620G	462.00	+/-3.22						CO 6711A	
E 4750G	475.00	+/-3.30						CO 7457A	

ISO O-RINGS

Cross section (CS)=7.00 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
E 1090G	109.00	+/-0.91	7.00	+/-0.15		DIN		CO 7407A	
E 1120G	112.00	+/-0.93						CO 7408A	
E 1150G	115.00	+/-0.95						CO 7409A	
E 1180G	118.00	+/-0.97						CO 7410A	
E 1220G	122.00	+/-1.00				DIN		CO 7411A	
E 1250G	125.00	+/-1.03						CO 7412A	
E 1280G	128.00	+/-1.05						CO 7413A	
E 1320G	132.00	+/-1.08						CO 7414A	
E 1360G	136.00	+/-1.10				DIN		CO 7415A	
E 1400G	140.00	+/-1.13						CO 7416A	
E 1450G	145.00	+/-1.17						CO 7417A	
E 1500G	150.00	+/-1.21						CO 7418A	
E 1550G	155.00	+/-1.24				DIN		CO 7419A	
E 1600G	160.00	+/-1.27						CO 7420A	
E 1650G	165.00	+/-1.31						CO 7421A	
E 1700G	170.00	+/-1.34						CO 7422A	
E 1750G	175.00	+/-1.38				DIN		CO 7423A	
E 1800G	180.00	+/-1.41						CO 7424A	
E 1850G	185.00	+/-1.44						CO 7425A	
E 1900G	190.00	+/-1.48						CO 7426A	
E 1950G	195.00	+/-1.51				DIN		CO 7427A	
E 2000G	200.00	+/-1.55						CO 7428A	
E 2060G	206.00	+/-1.59						CO 7429A	
E 2120G	212.00	+/-1.63						CO 7430A	
E 2180G	218.00	+/-1.67						CO 7431A	
E 2240G	224.00	+/-1.71						CO 7432A	

ISO O-RINGS

Cross section (CS)=7.00 mm

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	NOK	JASO F404
E 2300G	230.00	+/-1.75	7.00	+/-0.15				CO 7433A	
E 2360G	236.00	+/-1.79						CO 7434A	
E 2430G	243.00	+/-1.83						CO 7435A	
E 2500G	250.00	+/-1.88						CO 7436A	
E 2580G	258.00	+/-1.93						CO 7437A	
E 2650G	265.00	+/-1.98						CO 7438A	
E 2720G	272.00	+/-2.02						CO 7439A	
E 2800G	280.00	+/-2.08						CO 7440A	
E 2900G	290.00	+/-2.14						CO 7441A	
E 3000G	300.00	+/-2.21						CO 7442A	
E 3070G	307.00	+/-2.25						CO 7443A	
E 3150G	315.00	+/-2.30						CO 7444A	
E 3250G	325.00	+/-2.37						CO 7445A	
E 3350G	335.00	+/-2.43						CO 7446A	
E 3450G	345.00	+/-2.49						CO 7447A	
E 3550G	355.00	+/-2.56						CO 7448A	
E 3650G	365.00	+/-2.62						CO 7449A	
E 3750G	375.00	+/-2.68						CO 7450A	
E 3870G	387.00	+/-2.76						CO 7451A	
E 4000G	400.00	+/-2.84						CO 7452A	
E 4120G	412.00	+/-2.91						CO 7453A	
E 4250G	425.00	+/-2.99						CO 7454A	
E 4370G	437.00	+/-3.07						CO 7455A	
E 4500G	450.00	+/-3.15						CO 7456A	
E 4620G	462.00	+/-3.22						CO 6711A	
E 4750G	475.00	+/-3.30						CO 7457A	
E 4870G	487.00	+/-3.37						CO 7458A	
E 5000G	500.00	+/-3.45						CO 7459A	
E 5150G	515.00	+/-3.54						CO 7460A	
E 5300G	530.00	+/-3.63						CO 7461A	
E 5450G	545.00	+/-3.72						CO 7462A	
E 5600G	560.00	+/-3.81						CO 7463A	
E 5800G	580.00	+/-3.93						CO 7464A	
E 6000G	600.00	+/-4.05						CO 7465A	
E 6150G	615.00	+/-4.13						CO 7466A	
E 6300G	630.00	+/-4.22						CO 7467A	
E 6500G	650.00	+/-4.34						CO 7668A	
E 6700G	670.00	+/-4.46						CO 7469A	

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	2.54		0.97		R000			
	1.15		1.00					
	1.50		1.00					
	1.80	+/-0.15	1.00	+/-0.07		SS 2	607	
	2.00		1.00			SS 2.5		
	2.50		1.00			SS 3		
	3.00		1.00			SS 3.5		
	3.50		1.00			SS 4		
	4.00		1.00			SS 4.5		
	4.50		1.00			SS 5		
	5.00		1.00			SS 5.5		
	5.50		1.00			SS 6		
	6.00		1.00			SS 6.5		
	6.50		1.00			SS 7		
	7.00		1.00			SS 7.5		
	7.50		1.00			SS 8		
	8.00		1.00			SS 8.5		
	8.50		1.00			SS 9		
	9.00		1.00			SS 9.5		
	9.50		1.00			SS 10		
	10.00		1.00			SS 10.5		
	10.50		1.00			SS 11		
	11.00		1.00			SS 11.5		
	11.50		1.00			SS 12		
	12.00		1.00					
	12.50		1.00					
	13.00		1.00					
	13.50		1.00					
	14.00		1.00					
	14.50		1.00					
	15.00		1.00					
	15.50		1.00					
	16.00		1.00					
	16.50		1.00					
	17.00		1.00					
	17.50		1.00					
	18.00		1.00					
	18.50		1.00					
	19.00		1.00					
	19.50		1.00					
	20.00		1.00					
	20.50		1.00					
	21.00		1.00					
	21.50		1.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	22.00		1.00			DIN		
	22.50		1.00					
	23.00		1.00					
	23.50		1.00					
	24.00		1.00					
	24.50		1.00					
	25.00		1.00					
	26.00	+/-0.15	1.00	+/-0.07				
	27.00		1.00					
	28.00		1.00					
	29.00		1.00					
	30.00		1.00					
	31.00		1.00					
	32.00		1.00					
	33.00		1.00					
	34.00		1.00					
	35.00		1.00					
	36.00		1.00					
	37.00		1.00					
	38.00		1.00					
	39.00		1.00					
	40.00		1.00					
	41.00		1.00					
	42.00		1.00					
	43.00		1.00					
	44.00		1.00					
	45.00		1.00					
	46.00		1.00					
	47.00		1.00					
	48.00		1.00					
	49.00		1.00					
	50.00		1.00					
	51.00		1.00					
52.00	1.00							
0.74	+/-0.10	1.02	+/-0.07			AS-001 AS-002 AS-901		
1.07								
4.70	+/-0.12	1.42	+/-0.08			DIN		
1.50	+/-0.12	1.50						
1.85	+/-0.13							
2.00								
2.50								
2.80					S-3			

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	3.00	+/-0.14	1.50	+/-0.08		DIN		
	3.50		1.50			S-4		
	4.00		1.50			S-5		
	4.50		1.50					
	5.00	+/-0.15	1.50			S-6		
	5.50		1.50					
	6.00		1.50			S-7		
	6.50		1.50					
	7.00	+/-0.16	1.50			S-8		
	7.50		1.50					
	8.00		1.50			S-9		
	8.50		1.50					
	9.00	+/-0.17	1.50			S-10		
	9.50		1.50					
	10.00		1.50			S-12		
	10.50		1.50					
	11.00	+/-0.18	1.50			S-14		
	11.50		1.50					
	12.00		1.50			S-15		
	12.50		1.50					
	13.00	+/-0.19	1.50			S-16		
	13.50		1.50					
	14.00		1.50			S-18		
	14.50		1.50					
	15.00	+/-0.20	1.50			S-20		
	15.50		1.50					
	16.00		1.50			S-22		
	16.50		1.50					
	17.00	+/-0.21	1.50			S-20		
	17.50		1.50					
	18.00		1.50			S-22		
	18.50		1.50					
19.00	+/-0.22	1.50	S-20					
19.50		1.50						
20.00		1.50	S-22					
20.50		1.50						
21.00	+/-0.23	1.50	S-22					
21.50		1.50						
22.00		1.50	S-22					
22.50		1.50						
23.00	+/-0.24	1.50	S-22					
23.50		1.50						
24.00		1.50	S-22					
24.50		1.50						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	25.00	+/-0.25	1.50	+/-0.08		DIN		
	25.50		1.50					
	26.00	+/-0.26	1.50					
	26.50		1.50					
	27.00		1.50					
	27.50		1.50					
	28.00	+/-0.28	1.50					
	28.50		1.50					
	29.00	+/-0.29	1.50					
	29.50		1.50					
	30.00		1.50					
	30.50		1.50					
	31.00	+/-0.31	1.50					
	31.50		1.50					
	32.00	+/-0.32	1.50					
	32.50		1.50					
	33.00		1.50					
	33.50		1.50					
	34.00	+/-0.33	1.50					
	34.50		1.50					
	35.00	+/-0.34	1.50					
	35.50		1.50					
	36.00	+/-0.35	1.50					
	36.50		1.50					
	37.00	+/-0.36	1.50					
	37.50		1.50					
	38.00	+/-0.36	1.50					
	38.50		1.50					
	39.00	+/-0.37	1.50					
	39.50		1.50					
	40.00	+/-0.38	1.50					
	41.00		1.50					
	42.00	+/-0.40	1.50					
	43.00		1.50					
	44.00	+/-0.41	1.50					
	45.00		1.50					
	46.00	+/-0.43	1.50					
	47.00		1.50					
	48.00	+/-0.44	1.50					
	49.00		1.50					
	50.00	+/-0.46	1.50					
	51.00		1.50					
	52.00	+/-0.47	1.50					
	53.00		1.50					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	54.00	+/-0.50	1.50	+/-0.08				
	55.00		1.50					
	56.00	+/-0.51	1.50					
	57.00		1.50					
	58.00	+/-0.52	1.50					
	59.00		1.50					
	60.00	+/-0.54	1.50					
	61.00		1.50					
	62.00	+/-0.55	1.50					
	63.00		1.50					
	64.00	+/-0.56	1.50					
	65.00		1.50					
	66.00	+/-0.58	1.50					
	67.00		1.50					
	68.00	+/-0.59	1.50					
	69.00		1.50					
	70.00	+/-0.61	1.50					
	71.00		1.50					
	72.00	+/-0.63	1.50					
	73.00		1.50					
	74.00	+/-0.64	1.50					
	75.00		1.50					
	76.00	+/-0.66	1.50					
	77.00		1.50					
	78.00	+/-0.67	1.50					
	79.00		1.50					
	80.00	+/-0.69	1.50					
	81.00		1.50					
	82.00	+/-0.71	1.50					
	83.00		1.50					
	84.00	+/-0.73	1.50					
	85.00		1.50					
	86.00	+/-0.75	1.50					
	87.00		1.50					
	88.00	+/-0.75	1.50					
	89.00		1.50					
	90.00	+/-0.77	1.50					
	91.00		1.50					
	92.00	+/-0.79	1.50					
	93.00		1.50					
	94.00	+/-0.81	1.50					
	95.00		1.50					
	96.00		1.50					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	97.00	+/-0.83	1.50	+/-0.08		DIN		
	98.00							
	99.00	+/-0.84						
	100.00							
	1.42	+/-0.10	1.60		R1B			
	2.20		1.60					
	2.75		1.60					
	3.10		1.60					
	4.10		1.60					
	4.70		1.60					
	5.00		1.60					
	5.10	+/-0.15	1.60	+/-0.08				
	6.10		1.60					
	7.10		1.60					
	8.10		1.60					
	9.10		1.60					
	10.10		1.60					
	11.10		1.60					
	12.10		1.60					
	13.10		1.60					
	14.10		1.60					
	15.10		1.60					
	16.10	1.60						
	17.10	1.60						
	18.10	1.60						
	19.10	1.60						
	22.10	+/-0.20	1.60					
	25.10		1.60					
	27.10		1.60					
	29.10		1.60					
	32.10		1.60					
	35.10		1.60					
	37.10	1.60						
	6.07	+/-0.12	1.63	+/-0.07			AS-902	
	7.64		1.83					
	8.92							
	10.52							
	11.89	+/-0.13	1.98	+/-0.08		DIN	AS-903	
	2.00		2.00					
	3.00		2.00					
	3.50		2.00					
	4.00		2.00					
	4.50		2.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	5.00	+/-0.15	2.00	+/-0.08				
	5.50		2.00					
	6.00		2.00					
	6.50	+/-0.16	2.00					
	7.00		2.00					
	7.50		2.00					
	8.00	+/-0.16	2.00					
	8.50		2.00					
	9.00		2.00					
	9.50	+/-0.17	2.00					
	10.00		2.00					
	10.50		2.00					
	11.00	+/-0.18	2.00					
	11.50		2.00					
	12.00		2.00					
	12.50	+/-0.19	2.00					
	13.00		2.00					
	13.50		2.00					
	14.00	+/-0.20	2.00					
	14.50		2.00					
	15.00		2.00					
	15.50	+/-0.21	2.00					
	16.00		2.00					
	16.50		2.00					
	17.00	+/-0.22	2.00					
	17.50		2.00					
	18.00		2.00					
	18.50	+/-0.23	2.00					
	19.00		2.00					
	19.50		2.00					
	20.00	+/-0.24	2.00					
	20.50		2.00					
	21.00		2.00					
	21.50	+/-0.25	2.00					
	22.00		2.00					
	22.50		2.00					
	23.00	+/-0.26	2.00					
	23.50		2.00					
	24.00		2.00			S-24		
	24.50	+/-0.25	2.00			S-25		
	25.00		2.00			S-26		
	25.50		2.00					
	26.00	+/-0.26	2.00					
	26.50		2.00					
	27.00		2.00					
	27.50		2.00			S-28		

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	28.00	+/-0.28	2.00	+/-0.08				
	28.50		2.00					
	29.00		2.00					
	29.50	+/-0.29	2.00					
	30.00		2.00					
	30.50		2.00					
	31.00	+/-0.31	2.00					
	31.50		2.00					
	32.00		2.00					
	32.50	+/-0.32	2.00					
	33.00		2.00					
	33.50		2.00					
	34.00	+/-0.33	2.00					
	34.50		2.00					
	35.00		2.00					
	35.50	+/-0.34	2.00					
	36.00		2.00					
	36.50		2.00					
	37.00	+/-0.35	2.00					
	37.50		2.00					
	38.00		2.00					
	38.50	+/-0.36	2.00					
	39.00		2.00					
	39.50		2.00					
	40.00	+/-0.37	2.00					
	41.00		2.00					
	42.00		2.00					
	43.00	+/-0.38	2.00					
	44.00		2.00					
	45.00		2.00					
	46.00	+/-0.40	2.00					
	47.00		2.00					
	48.00		2.00					
	49.00	+/-0.41	2.00					
	50.00		2.00					
	51.00		2.00					
	52.00	+/-0.42	2.00					
	53.00		2.00					
	54.00		2.00					
	55.00	+/-0.43	2.00					
	56.00		2.00					
	57.00		2.00					
	58.00	+/-0.44	2.00					
			2.00					
			2.00					
		+/-0.45	2.00					
			2.00					
			2.00					
		+/-0.46	2.00					
			2.00					
			2.00					
		+/-0.47	2.00					
			2.00					
			2.00					
		+/-0.48	2.00					
			2.00					
			2.00					
		+/-0.50	2.00					
			2.00					
			2.00					
		+/-0.51	2.00					
			2.00					
			2.00					
		+/-0.52	2.00					
			2.00					
			2.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	59.00	+/-0.54	2.00	+/-0.08		DIN		
	60.00		2.00					
	61.00		2.00					
	62.00		2.00					
	63.00	+/-0.56	2.00					
	64.00		2.00					
	64.50	+/-0.58	2.00			S-65		
	65.00		2.00					
	66.00	+/-0.59	2.00			DIN		
	67.00		2.00					
	68.00	+/-0.61	2.00					
	69.00		2.00					
	69.50		2.00					
	70.00		2.00					
	71.00	+/-0.63	2.00					
	72.00		2.00					
	73.00	+/-0.64	2.00					
	74.00		2.00					
	75.00	+/-0.66	2.00					
	76.00		2.00					
	77.00	+/-0.67	2.00					
	78.00		2.00					
	79.00	+/-0.69	2.00					
	80.00		2.00					
	81.00	+/-0.71	2.00					
	82.00		2.00					
	83.00		2.00					
	84.00		2.00					
	85.00	+/-0.73	2.00					
	86.00		2.00					
	87.00	+/-0.75	2.00					
	88.00		2.00					
	89.00	+/-0.77	2.00					
	90.00		2.00					
	91.00		2.00					
	92.00	+/-0.79	2.00					
	93.00		2.00					
	94.00	+/-0.81	2.00					
	95.00		2.00					
	96.00	+/-0.83	2.00					
	97.00		2.00					
	98.00	+/-0.84	2.00					
	99.00		2.00					
	100.00	+/-0.89	2.00					
	105.00		2.00					
	109.00	+/-0.91	2.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	13.46	+/-0.12	2.08	+/-0.07	R6B		907	
	6.00		2.20					
	16.36		2.21					
	17.93		2.46					
	19.18		2.46					
	3.00	+/-0.14	2.50	+/-0.09	DIN			
	4.00		2.50					
	4.60		2.50					
	5.00	+/-0.15	2.50					
	5.50		2.50					
	6.00		2.50					
	6.50		2.50					
	7.00	+/-0.16	2.50					
	7.50		2.50					
	8.00		2.50					
	8.50		2.50					
	9.00	+/-0.17	2.50					
	9.50		2.50					
	10.00		2.50					
	10.50		2.50					
	11.00	+/-0.18	2.50					
	11.50		2.50					
	12.00	+/-0.19	2.50					
	12.50		2.50					
	13.00		2.50					
	13.50		2.50					
	14.00		2.50					
	14.50		2.50					
	15.00	+/-0.20	2.50					
	15.50		2.50					
	16.00		2.50					
	16.50		2.50					
	17.00	+/-0.21	2.50					
	17.50		2.50					
	18.00		2.50					
	18.50		2.50					
	19.00	+/-0.22	2.50					
	19.50		2.50					
	20.00		2.50					
	20.50		2.50					
	21.00	+/-0.23	2.50					
	21.50		2.50					
	22.00	+/-0.24	2.50					
	22.50		2.50					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	23.00	+/-0.24	2.50	+/-0.09				
	23.50		2.50					
	24.00		2.50					
	24.50		2.50					
	25.00	+/-0.25	2.50					
	25.50		2.50					
	26.00		2.50					
	26.50		2.50					
	27.00	+/-0.26	2.50					
	27.50		2.50					
	28.00		2.50					
	28.50		2.50					
	29.00	+/-0.29	2.50					
	29.50		2.50					
	30.00		2.50					
	30.50		2.50					
	31.00	+/-0.31	2.50					
	31.50		2.50					
	32.00		2.50					
	32.50		2.50					
	33.00	+/-0.32	2.50					
	33.50		2.50					
	34.00		2.50					
	34.50		2.50					
	35.00	+/-0.34	2.50					
	35.50		2.50					
	36.00		2.50					
	36.50		2.50					
	37.00	+/-0.36	2.50					
	37.50		2.50					
	38.00		2.50					
	38.50		2.50					
	39.00	+/-0.37	2.50					
	39.50		2.50					
	40.00		2.50					
	41.00		2.50					
	42.00	+/-0.40	2.50					
	43.00		2.50					
	44.00		2.50					
	45.00		2.50					
	46.00	+/-0.43	2.50					
	47.00		2.50					
	48.00		2.50					
	49.00		2.50					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	50.00	+/-0.46	2.50	+/-0.09				
	51.00	+/-0.47	2.50					
	52.00	+/-0.48	2.50					
	53.00		2.50					
	54.00		2.50					
	55.00		2.50					
	56.00	+/-0.51	2.50					
	57.00		2.50					
	58.00		2.50					
	59.00		2.50					
	60.00	+/-0.54	2.50					
	61.00		2.50					
	62.00		2.50					
	63.00		2.50					
	64.00	+/-0.58	2.50					
	65.00		2.50					
	66.00		2.50					
	67.00		2.50					
	68.00	+/-0.61	2.50					
	69.00		2.50					
	70.00		2.50					
	71.00		2.50					
	72.00	+/-0.64	2.50					
	73.00		2.50					
	74.00		2.50					
	75.00		2.50					
	76.00	+/-0.66	2.50					
	77.00		2.50					
	78.00		2.50					
	79.00		2.50					
	80.00	+/-0.69	2.50					
	81.00		2.50					
	82.00		2.50					
	83.00		2.50					
	84.00	+/-0.73	2.50					
	85.00		2.50					
	86.00		2.50					
	87.00		2.50					
	88.00	+/-0.75	2.50					
	89.00		2.50					
	90.00		2.50					
	91.00		2.50					
	92.00	+/-0.79	2.50					
	93.00		2.50					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	94.00	+/-0.81	2.50	+/-0.09				
	95.00		2.50					
	96.00		2.50					
	97.00	+/-0.83	2.50					
	98.00		2.50					
	99.00		2.50					
	100.00	+/-0.84	2.50					
	101.00		2.50					
	102.00		2.50					
	103.00	+/-0.87	2.50					
	104.00		2.50					
	105.00		2.50					
	106.00	+/-0.89	2.50					
	107.00		2.50					
	108.00		2.50					
	109.00	+/-0.91	2.50					
	110.00		2.50					
	111.00		2.50					
	112.00	+/-0.93	2.50					
	113.00		2.50					
	114.00		2.50					
	115.00	+/-0.95	2.50					
	116.00		2.50					
	117.00		2.50					
	118.00	+/-0.97	2.50					
	119.00		2.50					
	120.00		2.50					
	121.00	+/-1.00	2.50					
	122.00		2.50					
	123.00		2.50					
	124.00	+/-1.03	2.50					
	125.00		2.50					
	126.00		2.50					
	127.00	+/-1.05	2.50					
	128.00		2.50					
	129.00		2.50					
	130.00	+/-1.08	2.50					
131.00	2.50							
132.00	2.50							
133.00	2.50							
134.00	+/-1.10	2.50						
135.00		2.50						
136.00		2.50						
137.00		2.50						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	138.00	+/-1.17	2.50	+/-0.09				
	139.00		2.50					
	140.00		2.50					
	141.00		2.50					
	142.00		2.50					
	143.00	+/-1.20	2.50					
	144.00		2.50					
	145.00		2.50					
	146.00		2.50					
	147.00		2.50					
	148.00	+/-1.24	2.50					
	149.00		2.50					
	150.00		2.50					
	162.00	+/-1.31	2.50					
	29.10		2.55		R20B R8 R9 R10 R11 R12 R13 R14 R20T			
	8.90		2.70					
	10.50		2.70					
	12.10		2.70					
	13.60		2.70					
	15.10		2.70					
	16.90		2.70					
	18.40		2.70					
	27.30		2.70					
	21.92	+/-1.15	2.95	+/-0.10			AS-911 AS-912 AS-913 AS-914 AS-916 AS-918	
	23.47		2.95					
	25.04		2.95					
	26.59		2.95					
	29.74		2.95					
	34.42		2.95					
	3.00	+/-1.14	3.00	+/-0.09				
	3.50		3.00					
	4.00		3.00					
	4.50		3.00					
	5.00	+/-1.15	3.00					
	5.50		3.00					
	6.00		3.00					
	6.50		3.00					
	7.00	+/-1.16	3.00					
	7.50		3.00					
	8.00		3.00					
	8.50		3.00					
	9.00	+/-1.17	3.00					
	9.50		3.00					
	10.00		3.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec. References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	10.50	+/-0.17	3.00	+/-0.09				
	11.00	+/-0.18	3.00					
	11.50		3.00					
	12.00	+/-0.19	3.00					
	12.50		3.00					
	13.00		3.00					
	13.50		3.00					
	14.00		3.00					
	14.50		3.00					
	15.00	+/-0.20	3.00					
	15.50		3.00					
	16.00		3.00					
	16.50		3.00					
	17.00	+/-0.21	3.00					
	17.50		3.00					
	18.00		3.00					
	18.50		3.00					
	19.00	+/-0.22	3.00					
	19.20		3.00					
	19.50		3.00					
	20.00		3.00					
	20.50		3.00					
	21.00		3.00					
	21.50	+/-0.24	3.00					
	22.00		3.00					
	22.20		3.00					
	22.50		3.00					
	23.00		3.00					
	23.50		3.00					
	24.00		3.00					
	24.20		3.00					
	24.50		3.00					
24.60	3.00							
25.00	+/-0.25	3.00						
25.50		3.00						
26.00	+/-0.26	3.00						
26.20		3.00						
26.50		3.00						
27.00		3.00						
27.50		3.00						
28.00	+/-0.28	3.00						
28.50	+/-0.29	3.00						
29.00		3.00						
29.20		3.00						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec. References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	29.50	+/-0.29	3.00	+/-0.09				
	30.00		3.00					
	30.50		3.00					
	31.00	+/-0.31	3.00					
	31.50		3.00					
	32.00		3.00					
	32.20	+/-0.32	3.00					
	32.50		3.00					
	33.00		3.00					
	33.50		3.00					
	34.00		3.00					
	34.20	+/-0.33	3.00					
	34.50		3.00					
	35.00		3.00					
	35.50	+/-0.34	3.00					
	36.00	+/-0.35	3.00					
	36.20		3.00					
	36.50		3.00					
	37.00	+/-0.36	3.00					
	37.47		3.00					
	37.50		3.00					
	38.00		3.00					
	38.50		3.00					
	39.00	+/-0.37	3.00					
	39.20		3.00					
	39.50		3.00					
	40.00	+/-0.39	3.00					
	41.00		3.00					
	41.50		3.00					
	42.00	+/-0.40	3.00					
	42.20		3.00					
	42.50		3.00					
	43.00		3.00					
	43.69		3.00					
	44.00	+/-0.41	3.00					
	44.20		3.00					
	44.50		3.00					
	45.00	+/-0.42	3.00					
	46.00	+/-0.43	3.00					
	47.00	+/-0.44	3.00					
	48.00		3.00					
	49.00		3.00					
	49.50	+/-0.45	3.00					
	50.00	+/-0.46	3.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404	
mm	50.50	+/-0.46	3.00	+/-0.09		DIN			
	51.00		3.00						
	52.00	+/-0.47	3.00						
	53.00		3.00						
	53.09	+/-0.48	3.00				AS-928		
	54.00		3.00			DIN			
	54.50	+/-0.50	3.00						
	55.00		3.00						
	56.00	+/-0.51	3.00						
	57.00		3.00						
	58.00	+/-0.52	3.00						
	59.00		3.00						
	59.36		3.00						
	59.50	+/-0.54	3.00				AS-932		
	60.00		3.00			DIN			
	61.00	+/-0.55	3.00						
	62.00		3.00						
	63.00	+/-0.56	3.00						
	64.00		3.00						
	64.50	+/-0.58	3.00						
	65.00		3.00						
	66.00	+/-0.59	3.00						
	67.00		3.00						
	68.00		3.00						
	69.00	+/-0.61	3.00						
	69.50		3.00						
	70.00		3.00						
	71.00	+/-0.63	3.00						
	72.00		3.00						
	73.00	+/-0.64	3.00						
	74.00		3.00						
	74.50	+/-0.66	3.00						
	75.00		3.00						
	76.00		3.00						
	77.00	+/-0.67	3.00						
	78.00		3.00						
	79.00		3.00						
	79.50	+/-0.69	3.00						
	80.00		3.00						
	81.00		3.00						
	82.00	+/-0.71	3.00						
	83.00		3.00						
	84.00	+/-0.73	3.00						
	84.50		3.00						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	85.00	+/-0.73	3.00	+/-0.09		DIN		
	86.00		3.00					
	87.00	+/-0.75	3.00					
	88.00		3.00					
	89.00	+/-0.77	3.00					
	89.50		3.00					
	90.00		3.00					
	91.00		3.00					
	92.00	+/-0.79	3.00					
	93.00		3.00					
	94.00	+/-0.81	3.00					
	94.50		3.00					
	95.00		3.00					
	96.00		3.00					
	97.00	+/-0.83	3.00					
	98.00		3.00					
	98.50		3.00					
	99.00	+/-0.84	3.00					
	99.50		3.00					
	100.00		3.00					
	101.00		3.00					
	102.00	+/-0.87	3.00					
	103.00		3.00					
	104.00		3.00					
	104.50		3.00					
	105.00	+/-0.89	3.00					
	106.00		3.00					
	107.00		3.00					
	108.00	+/-0.91	3.00					
	109.00		3.00					
	109.50		3.00					
	110.00		3.00					
111.00	+/-0.93	3.00						
112.00		3.00						
113.00		3.00						
114.00	+/-0.95	3.00						
114.50		3.00						
115.00		3.00						
116.00		3.00						
117.00	+/-0.97	3.00						
118.00		3.00						
119.00		3.00						
119.50		3.00						
120.00	+/-1.00	3.00						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	121.00	+/-1.00	3.00	+/-0.09				
	122.00		3.00					
	123.00		3.00					
	124.00	+/-1.03	3.00					
	124.50		3.00					
	125.00		3.00					
	126.00	+/-1.05	3.00					
	127.00		3.00					
	128.00		3.00					
	129.00	+/-1.08	3.00					
	129.50		3.00					
	130.00		3.00					
	131.00	+/-1.10	3.00					
	132.00		3.00					
	133.00		3.00					
	134.00	+/-1.17	3.00					
	134.50		3.00					
	135.00		3.00					
	136.00	+/-1.20	3.00					
	137.00		3.00					
	138.00		3.00					
	139.00	+/-1.24	3.00					
	139.50		3.00					
	140.00		3.00					
	141.00	+/-1.27	3.00					
	142.00		3.00					
	143.00		3.00					
	144.00	+/-1.27	3.00					
	144.50		3.00					
	145.00		3.00					
	146.00	+/-1.27	3.00					
	147.00		3.00					
148.00	3.00							
149.00	+/-1.27	3.00						
149.50		3.00						
150.00		3.00						
151.00	+/-1.27	3.00						
152.00		3.00						
153.00		3.00						
154.00	+/-1.27	3.00						
154.50		3.00						
155.00		3.00						
156.00	+/-1.27	3.00						
157.00		3.00						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	158.00	+/-1.31	3.00	+/-0.09		DIN		
	159.00		3.00					
	159.50		3.00					
	160.00		3.00					
	161.00		3.00					
	162.00		3.00					
	163.00	+/-1.34	3.00					
	164.00		3.00					
	164.50		3.00					
	165.00		3.00					
	166.00		3.00					
	167.00		3.00					
	168.00	+/-1.38	3.00					
	169.00		3.00					
	169.50		3.00					
	170.00		3.00					
	171.00		3.00					
	172.00		3.00					
	173.00	+/-1.41	3.00					
	174.00		3.00					
	174.50		3.00					
	175.00		3.00					
	176.00		3.00					
	177.00		3.00					
	178.00	+/-1.44	3.00					
	179.00		3.00					
	179.50		3.00					
	180.00		3.00					
	181.00		3.00					
	182.00		3.00					
	183.00		3.00					
	184.00		3.00					
	184.50		3.00					
	185.00		3.00					
186.00	+/-1.48	3.00						
187.00		3.00						
188.00		3.00						
189.00		3.00						
189.50		3.00						
190.00		3.00						
191.00	+/-1.51	3.00						
192.00		3.00						
193.00		3.00						
194.00		3.00						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	194.50	+/-1.51	3.00	+/-0.09				
	195.00		3.00					
	196.00		3.00					
	197.00		3.00					
	198.00	+/-1.55	3.00					
	199.00		3.00					
	199.50		3.00					
	200.00		3.00					
	201.00		3.00					
	202.00		3.00					
	203.00	+/-1.59	3.00					
	204.00		3.00					
	204.50		3.00					
	205.00		3.00					
	206.00		3.00					
	207.00		3.00					
	208.00		3.00					
	209.00	+/-1.63	3.00					
	209.50		3.00					
	210.00		3.00					
	211.00		3.00					
	212.00		3.00					
	213.00		3.00					
	214.00		3.00					
	215.00	+/-1.67	3.00					
	216.00		3.00					
	217.00		3.00					
	218.00		3.00					
	219.00		3.00					
	219.50		3.00					
	220.00		3.00					
	221.00	+/-1.71	3.00					
	222.00		3.00					
	223.00		3.00					
	224.00		3.00					
	225.00		3.00					
	226.00		3.00					
	227.00	+/-1.75	3.00					
	228.00		3.00					
	229.00		3.00					
	229.50		3.00					
	230.00		3.00					
	231.00		3.00					
	232.00		3.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	233.00	+/-1.79	3.00	+/-0.09				
	234.00		3.00					
	325.00		3.00					
	236.00		3.00					
	237.00		3.00					
	238.00		3.00					
	239.00		3.00					
	239.00		3.00					
	240.00	+/-1.83	3.00					
	241.00		3.00					
	242.00		3.00					
	243.00		3.00					
	244.00		3.00					
	245.00		3.00					
	246.00		3.00					
	247.00	+/-1.88	3.00					
	248.00		3.00					
	249.00		3.00					
	249.50		3.00					
	250.00		3.00					
	260.00	+/-1.93	3.00					
	270.00	+/-2.02	3.00					
	280.00	+/-2.08	3.00					
	285.00	+/-2.14	3.00					
	290.00		3.00					
	310.00		3.00					
	310.00	+/-2.25	3.00					
	8.00	+/-0.15	3.50					
	9.00		3.50					
	10.00		3.50					
	11.00		3.50					
	12.00		3.50					
	13.00		3.50					
	14.00		3.50					
	15.00		3.50					
	16.00		3.50					
	17.00		3.50					
	18.00		3.50					
	19.00		3.50					
	20.00		3.50					
	21.00		3.50					
	21.70		3.50					
	22.00		3.50					
	22.10		3.50					
	23.00		3.50					
	23.00		3.50					
	23.00		3.50					
	23.00		3.50					
	23.00		3.50					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	23.70	+/-0.15	3.50	+/-0.10		P24		
	24.00		3.50			DIN		
	24.70		3.50			P25		
	25.00		3.50			DIN		
	25.20		3.50			P25.5		
	25.70		3.50			P26		
	26.00		3.50					
	27.00		3.50			DIN		
	27.70		3.50			P28		
	28.00		3.50			DIN		
	28.70		3.50			P29		
	29.00		3.50			DIN		
	29.20		3.50			P29.5		
	29.70		3.50			P30		
	30.00		3.50			DIN		
	30.70		3.50			P31		
	31.00		3.50			DIN		
	31.20		3.50			P31.5		
	31.70		3.50			P32		
	32.00		3.50					
	33.00		3.50			DIN		
	33.70		3.50			P34		
	34.00		3.50			DIN		
	34.70		3.50			P35		
	35.00		3.50			DIN		
	35.20		3.50			P35.5		
	35.70		3.50			P36		
	36.00		3.50					
	37.00		3.50			DIN		
	37.70		3.50			P38		
	38.00		3.50			DIN		
	38.70		3.50			P39		
	39.00		3.50			DIN		
	39.70		3.50			P40		
	40.00	+/-0.20	3.50			DIN		
	40.70		3.50			P41		
	41.00		3.50			DIN		
	41.70		3.50			P42		
	42.00		3.50					
	43.00		3.50			DIN		
	43.70		3.50					
	44.00		3.50			P44		
	44.70		3.50			DIN		
	45.00		3.50			P45		

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	45.70	+/-0.25	3.50	+/-0.10		P46		
	46.00		3.50			DIN		
	47.00		3.50			DIN		
	47.70		3.50			P48		
	48.00		3.50			DIN		
	48.70		3.50			P49		
	49.00		3.50			DIN		
	49.70		3.50			P50		
	50.00		3.50					
	51.00		3.50					
	52.00		3.50					
	53.00		3.50					
	54.00		3.50					
	55.00		3.50					
	56.00		3.50					
	57.00		3.50					
	58.00		3.50					
	59.00		3.50					
	60.00		3.50					
	61.00		3.50					
	62.00		3.50					
	63.00		3.50					
	64.00		3.50					
	65.00		3.50					
	66.00		3.50					
	67.00	+/-0.30	3.50					
	68.00		3.50					
	69.00		3.50					
	70.00		3.50					
	71.00		3.50					
	72.00		3.50					
	73.00		3.50					
	74.00		3.50					
	75.00		3.50					
	76.00		3.50					
	77.00		3.50					
	78.00		3.50					
	79.00		3.50					
	80.00		3.50					
	81.00		3.50					
	82.00		3.50					
	83.00		3.50					
	84.00		3.50					
	85.00		3.50					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	86.00	+/-0.35	3.50	+/-0.10		DIN		
	87.00		3.50					
	88.00		3.50					
	89.00		3.50					
	90.00		3.50					
	91.00		3.50					
	92.00		3.50					
	93.00		3.50					
	94.00		3.50					
	95.00		3.50					
	96.00		3.50					
	97.00		3.50					
	98.00		3.50					
	99.00		3.50					
	100.00		3.50					
	101.00		3.50					
	102.00		3.50					
	103.00		3.50					
	104.00		3.50					
	105.00		3.50					
	106.00		3.50					
	107.00		3.50					
	108.00		3.50					
	109.00		3.50					
	110.00	+/-0.40	3.50					
	111.00		3.50					
	112.00		3.50					
	113.00		3.50					
	114.00		3.50					
115.00	3.50							
116.00	3.50							
117.00	3.50							
118.00	3.50							
119.00	3.50							
120.00	3.50							
121.00	3.50							
122.00	3.50							
123.00	3.50							
124.00	3.50							
125.00	3.50							
126.00	3.50							
127.00	3.50							
128.00	3.50							
129.00	3.50							

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	130.00	+/-0.45	3.50	+/-0.10		DIN		
	131.00		3.50					
	132.00		3.50					
	133.00		3.50					
	134.00		3.50					
	135.00		3.50					
	136.00		3.50					
	137.00		3.50					
	138.00		3.50					
	139.00		3.50					
	140.00		3.50					
	141.00		3.50					
	142.00		3.50					
	143.00		3.50					
	144.00		3.50					
	145.00		3.50					
	146.00		3.50					
	147.00		3.50					
	148.00		3.50					
	149.00		3.50					
	150.00		3.50					
	151.00		3.50					
	152.00		3.50					
	153.00		3.50					
	154.00		3.50					
	155.00		3.50					
	156.00		3.50					
	157.00		3.50					
	158.00		3.50					
	159.00		3.50					
	160.00		3.50					
	161.00		3.50					
	162.00		3.50					
	163.00		3.50					
164.00	3.50							
165.00	3.50							
166.00	3.50							
167.00	3.50							
168.00	3.50							
169.00	3.50							
170.00	3.50							
171.00	3.50							
172.00	3.50							
173.00	3.50							

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References																		
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404															
mm	174.00	+/-0.45	3.50	+/-0.10																			
	175.00		3.50																				
	176.00		3.50																				
	177.00		3.50																				
	178.00		3.50																				
	179.00		3.50																				
	180.00		3.50																				
	181.00	+/-0.60	3.50						+/-0.10		DIN												
	182.00		3.50																				
	183.00		3.50																				
	184.00		3.50																				
	185.00		3.50																				
	186.00		3.50																				
	187.00		3.50																				
	188.00		3.50																				
	189.00		3.50																				
	190.00		3.50																				
	191.00		3.50																				
	192.00		3.50																				
	193.00		3.50																				
	194.00	3.50																					
	195.00	3.50	+/-0.10											DIN									
	196.00	3.50																					
	197.00	3.50																					
	198.00	3.50																					
	199.00	3.50																					
	200.00	3.50																					
	201.00	+/-0.70																3.50	+/-0.10		DIN		
	202.00																	3.50					
	203.00																	3.50					
204.00	3.50																						
205.00	3.50																						
206.00	3.50																						
207.00	3.50																						
208.00	3.50																						
209.00	3.50																						
210.00	3.50																						
215.00	3.50																						
220.00	3.50																						
225.00	3.50																						
230.00	3.50																						
235.00	3.50																						
240.00	3.50																						
245.00	3.50																						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404	
mm	250.00	+/-0.80	3.50	+/-0.10					
	255.00		3.50						
	260.00		3.50						
	265.00		3.50						
	270.00		3.50						
	275.00		3.50						
	280.00		3.50						
	285.00		3.50						
	290.00		3.50						
	295.00		3.50						
	300.00		3.50						
	305.00		3.50						
	310.00		3.50						
	315.00		3.50						
	320.00		3.50						
	325.00		3.50						
	330.00		3.50						
	335.00		3.50						
	340.00		3.50						
	345.00		3.50						
	350.00		3.50						
	355.00		3.50						
	360.00		3.50						
	365.00		3.50						
	370.00		3.50						
	380.00		3.50						
	390.00		3.50						
	400.00		3.50						
	410.00		3.50						
	420.00		3.50						
	430.00		3.50						
	440.00		3.50						
	18.30	+/-0.15	3.60	+/-0.80					R15
	19.80		3.60						R16
	21.30		3.60						R17
	23.00		3.60						R18
	24.60		3.60						R19
	26.20		3.60						R20
	27.80		3.60						R21
	29.30		3.60						R22
	30.80	+/-0.20	3.60						R23
	32.50		3.60						R24
	34.10		3.60						R25
	35.60		3.60						R26

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	37.30		3.60		R27			
	43.40		3.60		R29T			
	4.00	+/-0.14	4.00					
	5.00	+/-0.15	4.00					
	6.00		4.00					
	7.00	+/-0.16	4.00					
	8.00		4.00					
	9.00	+/-0.17	4.00					
	10.00		4.00					
	11.00	+/-0.18	4.00					
	12.00		4.00					
	13.00	+/-0.19	4.00					
	14.00		4.00					
	15.00	+/-0.20	4.00					
	16.00		4.00					
	17.00	+/-0.21	4.00					
	18.00		4.00					
	19.00	+/-0.22	4.00					
	20.00		4.00					
	21.00	+/-0.23	4.00					
	22.00		4.00					
	23.00	+/-0.24	4.00					
	24.00		4.00					
	25.00	+/-0.25	4.00	+/-0.10		DIN		
	26.00	+/-0.26	4.00					
	27.00		4.00					
	28.00	+/-0.28	4.00					
	29.00		4.00					
	30.00	+/-0.29	4.00					
	31.00	+/-0.31	4.00					
	32.00	+/-0.32	4.00					
	33.00		4.00					
	34.00	+/-0.33	4.00					
	35.00	+/-0.34	4.00					
	36.00	+/-0.35	4.00					
	37.00	+/-0.36	4.00					
	38.00		4.00					
	39.00	+/-0.37	4.00					
	40.00	+/-0.38	4.00					
	41.00	+/-0.39	4.00					
	42.00	+/-0.40	4.00					
	43.00		4.00					
	44.00	+/-0.41	4.00					
	45.00	+/-0.42	4.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	46.00	+/-0.43	4.00					
	47.00	+/-0.44	4.00					
	48.00		4.00					
	49.00	+/-0.45	4.00					
	50.00	+/-0.46	4.00					
	51.00	+/-0.47	4.00					
	52.00		4.00					
	53.00	+/-0.48	4.00					
	54.00	+/-0.50	4.00					
	55.00		4.00					
	56.00	+/-0.51	4.00					
	57.00	+/-0.52	4.00					
	58.00		4.00					
	59.00	+/-0.54	4.00					
	60.00		4.00					
	61.00	+/-0.55	4.00					
	62.00		4.00					
	63.00	+/-0.56	4.00					
	64.00	+/-0.58	4.00					
	65.00		4.00					
	66.00	+/-0.59	4.00					
	67.00		4.00	+/-0.10		DIN		
	68.00	+/-0.61	4.00					
	69.00		4.00					
	70.00	+/-0.63	4.00					
	71.00		4.00					
	72.00	+/-0.64	4.00					
	73.00		4.00					
	74.00		4.00					
	75.00	+/-0.66	4.00					
	76.00		4.00					
	77.00	+/-0.67	4.00					
	79.00		4.00					
	80.00	+/-0.69	4.00					
	81.00		4.00					
	82.00	+/-0.71	4.00					
	83.00		4.00					
	84.00		4.00					
	85.00	+/-0.73	4.00					
	86.00		4.00					
	87.00	+/-0.75	4.00					
	88.00		4.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	89.00	+/-0.77	4.00	+/-0.10				
	90.00		4.00					
	91.00		4.00					
	92.00	+/-0.79	4.00					
	93.00		4.00					
	94.00		4.00					
	95.00	+/-0.81	4.00					
	96.00		4.00					
	97.00		4.00					
	98.00	+/-0.83	4.00					
	99.00		4.00					
	100.00		4.00					
	101.00	+/-0.84	4.00					
	102.00		4.00					
	103.00		4.00					
	104.00	+/-0.87	4.00					
	105.00		4.00					
	106.00		4.00					
	107.00	+/-0.89	4.00					
	108.00		4.00					
	109.00		4.00					
	110.00	+/-0.91	4.00					
	111.00		4.00					
	112.00		4.00					
	113.00	+/-0.93	4.00					
	114.00		4.00					
	115.00		4.00					
	116.00	+/-0.95	4.00					
	117.00		4.00					
	118.00		4.00					
	119.00	+/-0.97	4.00					
	120.00		4.00					
	121.00		4.00					
	122.00	+/-1.00	4.00					
	123.00		4.00					
	124.00		4.00					
	125.00	+/-1.03	4.00					
	126.00		4.00					
	127.00		4.00					
	128.00	+/-1.05	4.00					
	129.00		4.00					
	130.00		4.00					
	131.00	+/-1.08	4.00					
	132.00		4.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	133.00	+/-1.08	4.00	+/-0.10				
	134.00	+/-1.10	4.00					
	135.00		4.00					
	136.00		4.00					
	137.00		4.00					
	138.00	+/-1.17	4.00					
	139.00		4.00					
	140.00		4.00					
	140.50		4.00					
	141.00		4.00					
	142.00	+/-1.20	4.00					
	143.00		4.00					
	144.00		4.00					
	145.00		4.00					
	146.00		4.00					
	147.00	+/-1.24	4.00					
	148.00		4.00					
	149.00		4.00					
	150.00		4.00					
	151.00		4.00					
	152.00	+/-1.27	4.00					
	153.00		4.00					
	154.00		4.00					
	155.00		4.00					
	156.00		4.00					
	157.00	+/-1.31	4.00					
	158.00		4.00					
	159.00		4.00					
	160.00		4.00					
	161.00		4.00					
	162.00	+/-1.34	4.00					
	163.00		4.00					
	164.00		4.00					
	165.00		4.00					
	166.00		4.00					
	167.00	+/-1.38	4.00					
	168.00		4.00					
	169.00		4.00					
	170.00		4.00					
	171.00		4.00					
	172.00	+/-1.41	4.00					
	173.00		4.00					
	174.00		4.00					
	175.00		4.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	176.00	+/-1.41	4.00	+/-0.10				
	177.00		4.00					
	178.00	+/-1.44	4.00					
	179.00		4.00					
	180.00		4.00					
	181.00		4.00					
	182.00		4.00					
	183.00		4.00					
	184.00		4.00					
	185.00		4.00					
	186.00		4.00					
	187.00		4.00					
	188.00	+/-1.48	4.00					
	189.00		4.00					
	190.00		4.00					
	191.00		4.00					
	192.00	+/-1.51	4.00					
	193.00		4.00					
	194.00		4.00					
	195.00		4.00					
	196.00	+/-1.55	4.00					
	197.00		4.00					
	198.00		4.00					
	199.00		4.00					
	200.00	+/-1.59	4.00					
	201.00		4.00					
	202.00		4.00					
	203.00		4.00					
	204.00	+/-1.63	4.00					
	205.00		4.00					
	206.00		4.00					
	207.00		4.00					
	208.00	+/-1.67	4.00					
	209.00		4.00					
	210.00		4.00					
	211.00		4.00					
	212.00	+/-1.67	4.00					
	213.00		4.00					
	214.00		4.00					
	215.00		4.00					
	216.00	+/-1.67	4.00					
	217.00		4.00					
	218.00		4.00					
	219.00		4.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	220.00	+/-1.67	4.00	+/-0.10				
	221.00	+/-1.71	4.00					
	222.00		4.00					
	223.00		4.00					
	224.00		4.00					
	225.00		4.00					
	226.00	+/-1.75	4.00					
	227.00		4.00					
	228.00		4.00					
	229.00		4.00					
	230.00		4.00					
	231.00		4.00					
	232.00	+/-1.79	4.00					
	233.00		4.00					
	234.00		4.00					
	235.00		4.00					
	236.00		4.00					
	237.00		4.00					
	238.00	+/-1.83	4.00					
	239.00		4.00					
	240.00		4.00					
	241.00		4.00					
	242.00		4.00					
	243.00	+/-1.88	4.00					
	244.00		4.00					
	245.00		4.00					
	246.00		4.00					
	247.00		4.00					
	248.00	+/-1.93	4.00					
	249.00		4.00					
	250.00		4.00					
	251.00		4.00					
	252.00		4.00					
	253.00	+/-1.98	4.00					
	254.00		4.00					
	255.00		4.00					
	256.00		4.00					
	257.00		4.00					
	258.00		4.00					
	259.00	+/-1.98	4.00					
	260.00		4.00					
	261.00		4.00					
	262.00		4.00					
	263.00		4.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	264.00	+/-1.98	4.00	+/-0.10				
	265.00		4.00					
	266.00		4.00					
	267.00		4.00					
	268.00		4.00					
	269.00	+/-2.02	4.00					
	270.00		4.00					
	271.00		4.00					
	272.00		4.00					
	273.00		4.00					
	274.00		4.00					
	275.00		4.00					
	276.00	+/-2.08	4.00					
	277.00		4.00					
	278.00		4.00					
	279.00		4.00					
	280.00		4.00					
	281.00	+/-2.14	4.00					
	282.00		4.00					
	284.00		4.00					
	285.00		4.00					
	286.00		4.00					
	287.00	+/-2.21	4.00					
	288.00		4.00					
	289.00		4.00					
	290.00		4.00					
	291.00		4.00					
	292.00	+/-2.25	4.00					
	293.00		4.00					
	294.00		4.00					
	295.00		4.00					
	296.00		4.00					
	297.00	+/-2.25	4.00					
	298.00		4.00					
	300.00		4.00					
	302.00		4.00					
	303.00		4.00					
	304.00	+/-2.25	4.00					
	305.00		4.00					
	306.00		4.00					
	307.00		4.00					
	308.00		4.00					
	309.00		4.00					
	310.00		4.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	311.00	+/-2.30	4.00	+/-0.10				
	312.00		4.00					
	313.00		4.00					
	314.00		4.00					
	315.00		4.00					
	316.00	+/-2.37	4.00					
	317.00		4.00					
	318.00		4.00					
	319.00		4.00					
	320.00	+/-2.43	4.00					
	321.00		4.00					
	322.00		4.00					
	323.00		4.00					
	324.00		4.00					
	325.00	+/-2.49	4.00					
	326.00		4.00					
	327.00		4.00					
	328.00		4.00					
	329.00		4.00					
	325.00	+/-2.56	4.00					
	330.00		4.00					
	331.00		4.00					
	332.00		4.00					
	333.00		4.00					
	334.00	+/-2.56	4.00					
	335.00		4.00					
	336.00		4.00					
	337.00		4.00					
	338.00		4.00					
	339.00	+/-2.56	4.00					
	340.00		4.00					
	341.00		4.00					
	342.00		4.00					
	343.00		4.00					
	344.00	+/-2.56	4.00					
	345.00		4.00					
	346.00		4.00					
	347.00		4.00					
	348.00		4.00					
	349.00	+/-2.56	4.00					
	350.00		4.00					
	351.00		4.00					
	352.00		4.00					
	353.00		4.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	354.00	+/-2.56	4.00	+/-0.10		DIN		
	355.00		4.00					
	356.00		4.00					
	357.00		4.00					
	358.00		4.00					
	359.00		4.00					
	360.00	+/-2.62	4.00			DIN		
	361.00		4.00					
	362.00		4.00					
	363.00		4.00					
	364.00		4.00					
	365.00		4.00					
	366.00		4.00					
	367.00		4.00					
	368.00		4.00					
	369.00		4.00					
	370.00	+/-2.68	4.00			DIN		
	371.00		4.00					
	372.00		4.00					
	373.00		4.00					
	374.00		4.00					
	375.00		4.00					
	376.00		4.00					
	377.00		4.00					
	378.00		4.00					
	379.00		4.00					
	380.00	4.00						
	381.00	+/-2.76	4.00			DIN		
	382.00		4.00					
	383.00		4.00					
384.00	4.00							
385.00	4.00							
386.00	4.00							
387.00	4.00							
388.00	4.00							
389.00	4.00							
390.00	4.00							
391.00	4.00							
392.00	4.00							
393.00	+/-2.84	4.00	DIN					
394.00		4.00						
395.00		4.00						
396.00		4.00						
397.00		4.00						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	398.00	+/-2.84	4.00	+/-0.10		DIN		
	399.00		4.00					
	400.00		4.00					
	401.00		4.00					
	402.00		4.00					
	403.00		4.00					
	404.00		4.00					
	405.00		4.00					
	406.00	+/-2.91	4.00			DIN		
	407.00		4.00					
	408.00		4.00					
	409.00		4.00					
	410.00		4.00					
	411.00		4.00					
	412.00		4.00					
	413.00		4.00					
	414.00		4.00					
	415.00		4.00					
	416.00		4.00					
	417.00		4.00					
	418.00		4.00					
	419.00	+/-2.99	4.00			DIN		
	420.00		4.00					
	421.00		4.00					
422.00	4.00							
423.00	4.00							
424.00	4.00							
425.00	4.00							
426.00	4.00							
427.00	4.00							
428.00	4.00							
429.00	4.00							
430.00	4.00							
431.00	+/-3.07	4.00	DIN					
432.00		4.00						
433.00		4.00						
434.00		4.00						
435.00		4.00						
436.00		4.00						
437.00		4.00						
438.00		4.00						
439.00		4.00						
440.00		4.00						
441.00		4.00						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References				
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404	
mm	442.00	+/-3.07	4.00	+/-0.10					
	443.00		4.00						
	444.00	+/-3.15	4.00						DIN
	445.00		4.00						
	446.00		4.00						
	447.00		4.00						
	448.00		4.00						
	449.00		4.00						
	450.00		4.00						
	451.00		4.00						
	452.00		4.00						
	453.00		4.00						
	454.00		4.00						
	455.00		4.00						
	456.00	+/-3.22	4.00						DIN
	457.00		4.00						
	458.00		4.00						
	459.00		4.00						
	460.00		4.00						
	461.00		4.00						
	462.00		4.00						
	463.00		4.00						
	464.00	+/-3.30	4.00						DIN
	465.00		4.00						
	466.00		4.00						
	467.00		4.00						
	468.00		4.00						
	469.00		4.00						
	470.00		4.00						
	471.00		4.00						
	472.00		4.00						
	473.00		4.00						
	474.00		4.00						
	475.00		4.00						
	476.00		4.00						
	477.00		4.00						
	478.00		4.00						
	479.00		4.00						
	480.00	+/-3.37	4.00						DIN
	481.00		4.00						
	482.00		4.00						
	483.00		4.00						
	484.00		4.00						
		485.00							4.00

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	486.00	+/-3.37	4.00	+/-0.10		DIN		
	487.00		4.00					
	488.00		4.00					
	489.00		4.00					
	490.00		4.00					
	491.00		4.00					
	492.00		4.00					
	493.00	4.00						
	494.00	+/-3.45	4.00					
	495.00		4.00					
	496.00		4.00					
	497.00		4.00					
	498.00		4.00					
	499.00		4.00					
	500.00		4.00					
	525.00	+/-3.63	4.00					
	530.00		4.00					
	540.00	+/-3.72	4.00					
	550.00		4.00					
	560.00	+/-3.81	4.00					
	6.00	+/-0.15	4.50					
	8.00	+/-0.16	4.50					
	9.00	+/-0.14	4.50					
	9.50	+/-0.17	4.50					
	10.00		4.50					
	10.50		4.50					
	11.00		4.50					
	12.00	+/-0.19	4.50					
	13.00		4.50					
	15.00	+/-0.20	4.50					
	15.50		4.50					
	16.00		4.50					
	17.00		4.50					
	18.00	+/-0.21	4.50					
	19.00		4.50					
	20.00	+/-0.22	4.50					
21.00	4.50							
21.50	+/-0.23	4.50						
22.00		4.50						
22.50	+/-0.24	4.50						
23.00		4.50						
24.00		4.50						
24.50		4.50						
25.00	+/-0.25	4.50						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	26.00	+/-0.26	4.50	+/-0.10				
	27.00		4.50					
	27.50		4.50					
	28.00	+/-0.28	4.50					
	28.50		4.50					
	29.00	+/-0.29	4.50					
	29.50		4.50					
	30.00		4.50					
	31.00	+/-0.31	4.50					
	31.50	+/-0.32	4.50					
	32.00		4.50					
	33.00	+/-0.33	4.50					
	34.00	+/-0.34	4.50					
	34.50		4.50					
	35.00		4.50					
	35.50		4.50					
	36.00	+/-0.35	4.50					
	37.00	+/-0.36	4.50					
	37.50		4.50					
	38.00		4.50					
	39.00	+/-0.37	4.50					
	40.00	+/-0.38	4.50					
	40.50		4.50					
	41.00	+/-0.39	4.50					
	42.00	+/-0.40	4.50					
	43.00		4.50					
	44.00	+/-0.41	4.50					
	45.00	+/-0.42	4.50					
	46.00	+/-0.43	4.50					
	47.00	+/-0.44	4.50					
	48.00		4.50					
	49.00	+/-0.45	4.50					
	50.00	+/-0.46	4.50					
	51.00	+/-0.47	4.50					
	53.00		4.50					
	56.00	+/-0.51	4.50					
	57.00	+/-0.52	4.50					
	60.00	+/-0.54	4.50					
	61.00	+/-0.55	4.50					
	63.00	+/-0.56	4.50					
	64.00	+/-0.48	4.50					
	65.00		4.50					
	66.00	+/-0.59	4.50					
	68.00	+/-0.61	4.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	69.00	+/-0.61	4.50	+/-0.10				
	70.00	+/-0.63	4.50					
	71.00		4.50					
	73.00	+/-0.64	4.50					
	74.00	+/-0.66	4.50					
	75.00		4.50					
	76.00		4.50					
	80.00	+/-0.69	4.50					
	81.00		4.50					
	83.00	+/-0.71	4.50					
	85.00	+/-0.73	4.50					
	86.00		4.50					
	89.00	+/-0.77	4.50					
	90.00		4.50					
	92.00	+/-0.79	4.50					
	93.50		4.50					
	95.00	+/-0.81	4.50					
	97.50	+/-0.75	4.50					
	98.00	+/-0.83	4.50					
	99.50	+/-0.84	4.50					
	100.00		4.50					
	100.50		4.50					
	101.00		4.50					
	103.50	+/-0.87	4.50					
	105.00	+/-0.89	4.50					
	106.00		4.50					
	110.00	+/-0.91	4.50					
	115.00	+/-0.95	4.50					
	118.00	+/-0.97	4.50					
	120.00	+/-1.00	4.50					
	122.00	+/-1.03	4.50					
	124.00		4.50					
	126.00		4.50					
	128.00	+/-1.05	4.50					
	130.00		4.50					
	131.50	+/-1.08	4.50					
	134.50		4.50					
	137.50		4.50					
	140.00	+/-1.10	4.50					
	140.50	+/-1.17	4.50					
	150.00		4.50					
	153.00	+/-1.24	4.50					
	155.00	+/-1.27	4.50					
	157.00		4.50					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec. References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	160.00	+/-1.27	4.50	+/-0.10				
	165.00	+/-1.31	4.50					
	172.00	+/-1.34	4.50					
	178.00	+/-1.38	4.50					
	180.00	+/-1.44	4.50					
	185.00		4.50					
	186.00		4.50					
	189.50		4.50					
	192.00	+/-1.48	4.50					
	208.00		4.50					
	215.00	+/-1.59	4.50					
	128.50	+/-1.67	4.50					
	225.00	+/-1.71	4.50					
	227.00	+/-1.75	4.50					
	250.00	+/-1.88	4.50					
	267.00	+/-1.98	4.50					
	280.00	+/-2.08	4.50					
	315.00	+/-2.30	4.50					
	4.00	+/-0.14	5.00	+/-0.13				
	5.00	+/-0.15	5.00					
	6.00		5.00					
	7.00		+/-0.16					
	8.00	+/-0.17	5.00					
	9.00		5.00					
	10.00		5.00					
	11.00	+/-0.18	5.00					
	12.00	+/-0.19	5.00					
	13.00		5.00					
	14.00		5.00					
	15.00	+/-0.20	5.00					
	16.00		5.00					
	17.00		5.00					
	18.00	+/-0.21	5.00					
	19.00	+/-0.22	5.00					
20.00	5.00							
21.00	5.00							
22.00	+/-0.24	5.00						
23.00		5.00						
24.00		5.00						
25.00	+/-0.25	5.00						
26.00	+/-0.26	5.00						
27.00		5.00						
28.00		5.00						
29.00	+/-0.29	5.00						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	30.00	+/-0.29	5.00	+/-0.13		DIN		
	31.00	+/-0.31	5.00					
	32.00	+/-0.32	5.00					
	33.00		5.00					
	34.00	+/-0.33	5.00					
	35.00	+/-0.34	5.00					
	36.00	+/-0.35	5.00					
	37.00	+/-0.36	5.00					
	38.00		5.00					
	39.00	+/-0.37	5.00					
	40.00	+/-0.38	5.00					
	41.00	+/-0.39	5.00					
	42.00	+/-0.40	5.00					
	43.00		5.00					
	44.00	+/-0.41	5.00					
	45.00	+/-0.42	5.00					
	46.00	+/-0.43	5.00					
	47.00	+/-0.44	5.00					
	48.00		5.00					
	49.00	+/-0.45	5.00					
	50.00	+/-0.46	5.00					
	51.00	+/-0.47	5.00					
	52.00		5.00					
	53.00	+/-0.48	5.00					
	54.00	+/-0.50	5.00					
	55.00		5.00					
	56.00	+/-0.51	5.00					
	57.00	+/-0.52	5.00					
	58.00		5.00					
	59.00	+/-0.54	5.00					
	60.00		5.00					
	61.00	+/-0.55	5.00					
	62.00		5.00					
	63.00	+/-0.56	5.00					
	64.00	+/-0.58	5.00					
	65.00		5.00					
	66.00	+/-0.59	5.00					
	67.00		5.00					
	68.00	+/-0.61	5.00					
	69.00		5.00					
	70.00	+/-0.63	5.00					
	71.00		5.00					
	72.00	+/-0.64	5.00					
	73.00		5.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	74.00	+/-0.66	5.00	+/-0.13				
	75.00		5.00					
	76.00		5.00					
	77.00	+/-0.67	5.00					
	78.00		5.00					
	79.00		5.00					
	80.00	+/-0.69	5.00					
	81.00		5.00					
	82.00		5.00					
	83.00	+/-0.71	5.00					
	84.00		5.00					
	85.00		5.00					
	86.00	+/-0.73	5.00					
	87.00		5.00					
	88.00		5.00					
	89.00	+/-0.75	5.00					
	90.00		5.00					
	91.00		5.00					
	92.00	+/-0.77	5.00					
	93.00		5.00					
	94.00		5.00					
	95.00	+/-0.79	5.00					
	96.00		5.00					
	97.00		5.00					
	98.00	+/-0.81	5.00					
	99.00		5.00					
	100.00		5.00					
	101.00	+/-0.83	5.00					
	102.00		5.00					
	103.00		5.00					
	104.00	+/-0.84	5.00					
	105.00		5.00					
	106.00		5.00					
	107.00	+/-0.87	5.00					
	108.00		5.00					
	109.00		5.00					
	110.00	+/-0.89	5.00					
	111.00		5.00					
	112.00		5.00					
	113.00	+/-0.91	5.00					
	114.00		5.00					
	115.00		5.00					
	116.00	+/-0.93	5.00					
	117.00		5.00					
	118.00		5.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	118.00	' +/-0.97	5.00	+/-0.13				
	119.00		5.00					
	120.00		5.00					
	121.00	+/-1.00	5.00					
	122.00		5.00					
	123.00		5.00					
	124.00	+/-1.03	5.00					
	125.00		5.00					
	126.00		5.00					
	127.00	+/-1.05	5.00					
	128.00		5.00					
	129.00		5.00					
	130.00	+/-1.08	5.00					
	131.00		5.00					
	132.00		5.00					
	133.00	+/-1.10	5.00					
	134.00		5.00					
	135.00		5.00					
	136.00	+/-1.17	5.00					
	137.00		5.00					
	138.00		5.00					
	139.00	+/-1.20	5.00					
	140.00		5.00					
	141.00		5.00					
	142.00	+/-1.24	5.00					
	143.00		5.00					
	144.00		5.00					
	145.00	+/-1.27	5.00					
	146.00		5.00					
	147.00		5.00					
	148.00	+/-1.31	5.00					
	149.00		5.00					
	150.00		5.00					
	151.00	+/-1.27	5.00					
	152.00		5.00					
	153.00		5.00					
	154.00	+/-1.31	5.00					
	155.00		5.00					
	156.00		5.00					
	157.00	+/-1.27	5.00					
	158.00		5.00					
	159.00		5.00					
	160.00	+/-1.31	5.00					
	161.00		5.00					
	162.00		5.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	250.00	'+/-1.88	5.00	+/-0.13		DIN		
	251.00		5.00			DIN		
	252.00		5.00					
	253.00		5.00					
	254.00	+/-1.93	5.00			DIN		
	255.00		5.00					
	256.00		5.00					
	257.00		5.00					
	258.00		5.00					
	259.00		5.00					
	260.00		5.00					
	261.00		5.00					
	262.00	+/-1.98	5.00			DIN		
	263.00		5.00					
	264.00		5.00					
	265.00		5.00					
	266.00		5.00					
	267.00		5.00					
	268.00		5.00					
	269.00	+/-2.02	5.00			DIN		
	270.00		5.00					
	271.00		5.00					
	272.00		5.00					
	273.00		5.00					
	274.00		5.00					
	275.00		5.00					
	276.00	+/-2.08	5.00			DIN		
	277.00		5.00					
	278.00		5.00					
279.00	5.00							
280.00	5.00							
281.00	5.00							
282.00	5.00							
283.00	5.00							
284.00	5.00							
285.00	+/-2.14	5.00	DIN					
286.00		5.00						
287.00		5.00						
288.00		5.00						
289.00		5.00						
290.00		5.00						
291.00		5.00						
292.00		5.00						
293.00		5.00						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	294.00	+/-2.14	5.00	+/-0.13		DIN		
	295.00	+/-2.21	5.00					
	296.00		5.00					
	297.00		5.00					
	298.00		5.00					
	299.00		5.00					
	300.00		5.00					
	301.00		5.00					
	302.00		5.00					
	303.00		5.00					
	304.00	+/-2.25	5.00					
	305.00		5.00					
	306.00		5.00					
	307.00		5.00					
	308.00		5.00					
	309.00		5.00					
	310.00		5.00					
	311.00	+/-2.30	5.00					
	312.00		5.00					
	313.00		5.00					
	314.00		5.00					
	315.00		5.00					
	316.00		5.00					
	317.00		5.00					
	318.00		5.00					
	319.00		5.00					
	320.00	+/-2.37	5.00					
	321.00		5.00					
	322.00		5.00					
	323.00		5.00					
	324.00		5.00					
	325.00		5.00					
	326.00		5.00					
	327.00		5.00					
	328.00		5.00					
	329.00		5.00					
	330.00	+/-2.43	5.00					
331.00	5.00							
332.00	5.00							
333.00	5.00							
334.00	5.00							
335.00	5.00							
336.00	5.00							
337.00	5.00							

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	338.00	+/-2.43	5.00	+/-0.13				
	339.00		5.00					
	340.00	+/-2.49	5.00					
	341.00		5.00					
	342.00		5.00					
	343.00		5.00					
	344.00		5.00					
	345.00		5.00					
	346.00		5.00					
	347.00		5.00					
	348.00		5.00					
	349.00		5.00					
	350.00	+/-2.56	5.00					
	351.00		5.00					
	352.00		5.00					
	353.00		5.00					
	354.00		5.00					
	355.00		5.00					
	356.00		5.00					
	357.00		5.00					
	358.00		5.00					
	359.00		5.00					
	360.00	+/-2.62	5.00					
	361.00		5.00					
	362.00		5.00					
	363.00		5.00					
	364.00		5.00					
	365.00		5.00					
	366.00		5.00					
	367.00		5.00					
	368.00		5.00					
	369.00		5.00					
	370.00	+/-2.68	5.00					
	371.00		5.00					
	372.00		5.00					
	373.00		5.00					
	374.00		5.00					
	375.00		5.00					
376.00	5.00							
377.00	5.00							
378.00	5.00							
379.00	5.00							
380.00	+/-2.76	5.00						
381.00		5.00						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	382.00	+/-2.76	5.00	+/-0.13		DIN		
	383.00		5.00					
	384.00		5.00					
	385.00		5.00					
	386.00		5.00					
	387.00		5.00					
	388.00		5.00					
	389.00		5.00					
	390.00		5.00					
	391.00		5.00					
	392.00	5.00						
	393.00	+/-2.84	5.00			DIN		
	394.00		5.00					
	395.00		5.00					
	396.00		5.00					
	397.00		5.00					
	398.00		5.00					
	399.00		5.00					
	400.00		5.00					
	405.00		5.00					
	410.00		+/-2.91					
	415.00	5.00						
	420.00	+/-2.99	5.00					
	425.00		5.00					
	430.00	+/-3.07	5.00					
	435.00		5.00					
	440.00	+/-3.15	5.00					
	445.00		5.00					
	450.00		5.00					
	455.00	+/-3.22	5.00					
	460.00		5.00					
	465.00		5.00					
470.00	+/-3.30	5.00						
475.00		5.00						
480.00		5.00						
485.00	+/-3.37	5.00						
490.00		5.00						
495.00	+/-3.45	5.00						
500.00		5.00						
505.00		5.00						
510.00	+/-3.54	5.00						
515.00		5.00						
520.00		5.00						

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	525.00	+/-3.63	5.00	+/-0.13				
	530.00	+/-3.63	5.00					
	535.00		5.00					
	540.00	+/-3.72	5.00					
	545.00		5.00					
	550.00		5.00					
	555.00	+/-3.81	5.00					
	560.00		5.00					
	565.00		5.00					
	570.00	+/-3.93	5.00					
	575.00		5.00					
	580.00		5.00					
	585.00	+/-4.05	5.00					
	590.00		5.00					
	595.00		5.00					
	600.00		5.00					
	6.00	+/-0.15	6.00	+/-0.15		DIN		
	7.00		6.00					
	9.00		6.00					
	10.00	+/-0.17	6.00					
	11.00		6.00					
	12.00	+/-0.18	6.00					
	13.00		6.00					
	14.00		6.00					
	15.00		6.00					
	16.00		6.00					
	18.00	+/-0.21	6.00					
	19.00		6.00					
	19.50	+/-0.22	6.00					
	20.00		6.00					
	21.00		6.00					
	22.00		6.00					
	23.00	+/-0.24	6.00					
	23.50		6.00					
	24.00		6.00					
	25.00		6.00					
	26.00	+/-0.26	6.00					
	27.00		6.00					
	28.00		6.00					
	29.00	+/-0.29	6.00					
	30.00		6.00					
	31.00		6.00					
	32.00		6.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	33.00	+/-0.32	6.00	+/-0.15				
	34.00		6.00					
	35.00		6.00					
	36.00	+/-0.33	6.00					
	37.00		6.00					
	38.00		6.00					
	39.00	+/-0.37	6.00					
	39.50		6.00					
	40.00		6.00					
	41.00	+/-0.39	6.00					
	41.50		6.00					
	42.00		6.00					
	43.00	+/-0.41	6.00					
	44.00		6.00					
	44.50		6.00					
	45.00	+/-0.44	6.00					
	46.00		6.00					
	47.00		6.00					
	48.00	+/-0.45	6.00					
	49.00		6.00					
	50.00		6.00					
	51.00	+/-0.46	6.00					
	52.00		6.00					
	53.00	+/-0.49	6.00					
	54.00		6.00					
	55.00		6.00					
	56.00	+/-0.51	6.00					
	57.00		6.00					
	58.00		6.00					
	59.50	+/-0.52	6.00					
	60.00		6.00					
	61.00	+/-0.54	6.00					
	62.00		6.00					
	63.00	+/-0.56	6.00					
	64.00		6.00					
	65.00		6.00					
	66.00	+/-0.58	6.00					
	67.00		6.00					
	68.00	+/-0.59	6.00					
	69.00		6.00					
	70.00	+/-0.63	6.00					
	72.00		6.00					
	73.00		6.00					
	74.00	+/-0.64	6.00					
	75.00		6.00					
	76.00	+/-0.66	6.00					
	78.00		6.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	78.50	+/-0.67	6.00	+/-0.15				
	79.00		6.00					
	80.00		6.00					
	81.00	+/-0.71	6.00					
	81.50		6.00					
	84.00		6.00					
	85.00	+/-0.71	6.00					
	86.00	+/-0.73	6.00					
	88.00		6.00					
	90.00		6.00					
	92.00	+/-0.77	6.00					
	93.00		6.00					
	95.00		6.00					
	96.00	+/-0.81	6.00					
	98.00		6.00					
	99.00		6.00					
	100.00	+/-0.83	6.00					
	101.00	+/-0.84	6.00					
	103.00		6.00					
	104.00		6.00					
	104.50	+/-0.87	6.00					
	105.00		6.00					
	106.00		6.00					
	108.00	+/-0.91	6.00					
	110.00		6.00					
	111.00		6.00					
	112.00	+/-0.93	6.00					
	114.00		6.00					
	115.00		6.00					
	118.00	+/-0.97	6.00					
	120.00		6.00					
	122.00		6.00					
	123.00	+/-1.00	6.00					
	124.00		6.00					
	125.00		6.00					
	128.00	+/-1.05	6.00					
	130.00		6.00					
	132.00		6.00					
	134.00	+/-1.08	6.00					
	135.00		6.00					
	136.00		6.00					
	138.00	+/-1.10	6.00					
	139.20		6.00					
	140.00		6.00					
	142.00	+/-1.17	6.00					
	145.00		6.00					
	146.00		6.00					
	148.00	+/-1.17	6.00					
	150.00		6.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	153.00	+/-1.20	6.00	+/-0.15				
	154.00		6.00					
	155.00		6.00					
	155.50	+/-1.24	6.00					
	156.00		6.00					
	157.00		6.00					
	158.00		6.00					
	159.00		6.00					
	160.00		6.00					
	162.00	+/-1.31	6.00					
	165.00		6.00					
	166.00		6.00					
	169.00		6.00					
	170.00		6.00					
	172.00	+/-1.38	6.00					
	175.00		6.00					
	176.00		6.00					
	180.00		6.00					
	182.00	+/-1.41	6.00					
	184.00		6.00					
	185.00		6.00					
	188.00		6.00					
	190.00	+/-1.44	6.00					
	191.20	+/-1.48	6.00					
	193.00		6.00					
	195.00		6.00					
	196.00	+/-1.51	6.00					
	198.00		6.00					
	200.00		6.00					
	201.00	+/-1.55	6.00					
	202.00		6.00					
	203.00		6.00					
	203.50		6.00					
	204.00		6.00					
	205.00		6.00					
	208.00	+/-1.59	6.00					
	210.00		6.00					
	212.00	+/-1.59	6.00					
	215.00	+/-1.63	6.00					
	216.00		6.00					
	217.00		6.00					
	218.00		6.00					
	220.00	+/-1.67	6.00					
	221.00		6.00					
	225.00	+/-1.71	6.00					
	226.00		6.00					
	229.00		6.00					
	230.00		6.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	235.00	+/-1.79	6.00	+/-0.15				
	236.00		6.00					
	237.00		6.00					
	237.50		6.00					
	238.00		6.00					
	240.00		6.00					
	242.00		6.00					
	244.00	+/-1.83	6.00					
	247.00		6.00					
	249.00		6.00					
	250.00		6.00					
	258.00	+/-1.93	6.00					
	259.00		6.00					
	260.00		6.00					
	262.00		6.00					
	265.00	+/-1.98	6.00					
	266.00		6.00					
	270.00		6.00					
	278.00		6.00					
	280.00	+/-2.08	6.00					
	284.00		6.00					
	285.00		6.00					
	288.00		6.00					
	290.00	+/-2.14	6.00					
	294.00		6.00					
	295.00		6.00					
	300.00		6.00					
	305.00	+/-2.25	6.00					
	310.00		6.00					
	315.00	+/-2.25	6.00					
	320.00	+/-2.30	6.00					
	325.00		6.00					
	330.00	+/-2.37	6.00					
	335.00		6.00					
	338.00	+/-2.43	6.00					
	340.00		6.00					
	345.00		6.00					
	348.00	+/-2.49	6.00					
	350.00		6.00					
	355.00		6.00					
	358.00	+/-2.56	6.00					
	360.00		6.00					
	365.00		6.00					
	368.00	+/-2.62	6.00					
	370.00		6.00					
	375.00		6.00					
	376.00	+/-2.68	6.00					
	380.00		6.00					
	385.00		6.00					

O-RING STANDARD SIZE (METRIC)

Dimensions		(ID)	Cross Section	(CS)	Spec.References			
Type	(ID)	Tolerance	(CS)	Tolerance	F	JIS	AS-BS	JASO F404
mm	386.00	+/-2.68	6.00	+/-0.15				
	388.00		6.00					
	389.00	+/-2.76	6.00					
	390.00		6.00					
	392.00		6.00					
	394.00		6.00					
	395.00		6.00					
	398.00		6.00					
	400.00		6.00					
	415.00	+/-2.84	6.00					
	422.00		6.00					
	429.00	+/-3.07	6.00					
	446.00		6.00					
	448.00	+/-3.30	6.00					
	450.00		6.00					
	470.00		6.00					
	478.00		6.00					
	480.00	+/-3.37	6.00					
	486.00		6.00					
	489.00	+/-3.40	6.00					
	500.00		6.00					
	504.00		6.00					
	505.00		6.00					
	508.00	+/-3.60	6.00					
	510.00		6.00					
	516.00		6.00					
	530.00		6.00					
	540.00	+/-3.81	6.00					
	544.00		6.00					
	549.00		6.00					
	555.00		6.00					
	560.00	+/-3.81	6.00					
	569.00		6.00					
	575.00		6.00					
	579.00		6.00					