



Metric O-Rings *

*The following listing of metric O-Ring sizes includes cross reference information for American Standard (AS 568A) O-Ring sizes, Japanese Metric O-Rings, and British Standard Metric O-Rings. AS 568A dash numbers are shaded; G, P, S, and V numbers are Japanese Metric O-Rings; and BS numbers are British Standard Metric O-Rings. This is a comprehensive listing, and we stock many of the sizes. Call for availability.

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
0.70 X	1.80	
0.80 X	22.80	
0.81 X	5.36	
0.84 X	6.10	
0.90 X	22.80	
0.97 X	2.54	
1.00 X	1.15	
1.00 X	1.25	
1.00 X	1.50	
1.00 X	1.80	
1.00 X	2.00	
1.00 X	2.50	
1.00 X	2.70	
1.00 X	3.00	
1.00 X	3.30	
1.00 X	3.50	
1.00 X	4.00	
1.00 X	4.50	
1.00 X	5.00	
1.00 X	5.50	
1.00 X	6.00	
1.00 X	6.50	
1.00 X	7.00	
1.00 X	7.20	
1.00 X	7.50	
1.00 X	8.00	
1.00 X	8.50	
1.00 X	9.00	
1.00 X	9.50	
1.00 X	10.00	
1.00 X	10.50	
1.00 X	11.00	
1.00 X	11.50	
1.00 X	12.00	
1.00 X	12.50	
1.00 X	13.00	
1.00 X	13.50	
1.00 X	14.00	
1.00 X	14.50	
1.00 X	15.00	
1.00 X	15.50	
1.00 X	16.00	
1.00 X	16.50	
1.00 X	17.00	
1.00 X	17.50	
1.00 X	18.00	
1.00 X	18.50	
1.00 X	19.00	
1.00 X	19.50	
1.00 X	20.00	
1.00 X	20.50	
1.00 X	21.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
1.00 X	21.50	
1.00 X	22.00	
1.00 X	22.50	
1.00 X	23.00	
1.00 X	23.50	
1.00 X	24.00	
1.00 X	24.50	
1.00 X	25.00	
1.00 X	28.00	
1.00 X	29.40	
1.00 X	29.90	
1.00 X	30.50	
1.00 X	31.80	
1.00 X	32.00	
1.00 X	39.00	
1.00 X	42.00	
1.00 X	60.00	
1.02 X	.74	-001
1.02 X	1.78	-001-1/2BS606
1.02 X	2.54	BS607
1.15 X	42.10	
1.19 X	4.32	
1.20 X	2.50	
1.20 X	2.60	
1.20 X	3.50	
1.20 X	5.00	
1.20 X	24.00	
1.20 X	26.00	
1.20 X	28.00	
1.20 X	35.00	
1.20 X	40.00	
1.20 X	53.50	
1.20 X	98.00	
1.25 X	3.80	
1.25 X	8.00	
1.25 X	16.00	
1.27 X	1.07	-002
1.27 X	3.25	
1.27 X	3.91	
1.27 X	4.47	
1.30 X	2.50	
1.30 X	8.00	
1.30 X	10.00	
1.30 X	11.00	
1.30 X	13.50	
1.30 X	20.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
1.42 X	4.70	-901
1.50 X	1.80	
1.50 X	1.85	
1.50 X	2.00	
1.50 X	2.50	S3
1.50 X	2.80	
1.50 X	3.00	
1.50 X	3.50	S4
1.50 X	4.00	
1.50 X	4.50	S5
1.50 X	5.00	
1.50 X	5.50	S6
1.50 X	6.00	
1.50 X	6.50	S7
1.50 X	7.00	
1.50 X	7.50	S8
1.50 X	8.00	
1.50 X	8.50	S9
1.50 X	9.00	
1.50 X	9.50	S10
1.50 X	10.00	
1.50 X	10.50	
1.50 X	10.70	S11.2
1.50 X	11.00	
1.50 X	11.50	S12
1.50 X	12.00	S12.5
1.50 X	12.50	
1.50 X	13.00	
1.50 X	13.25	
1.50 X	13.50	S14
1.50 X	14.00	
1.50 X	14.50	S15
1.50 X	15.00	
1.50 X	15.50	S16
1.50 X	16.00	
1.50 X	16.50	
1.50 X	17.00	
1.50 X	17.50	S18
1.50 X	18.00	
1.50 X	18.50	
1.50 X	19.00	
1.50 X	19.50	S20
1.50 X	20.00	
1.50 X	20.50	
1.50 X	21.00	
1.50 X	21.50	S22
1.50 X	22.00	
1.50 X	22.50	
1.50 X	23.00	
1.50 X	23.50	
1.50 X	24.00	
1.50 X	24.50	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
1.50 X	25.00	
1.50 X	25.50	
1.50 X	26.00	
1.50 X	26.50	
1.50 X	27.00	
1.50 X	27.50	
1.50 X	28.00	
1.50 X	28.50	
1.50 X	29.00	
1.50 X	29.50	
1.50 X	30.00	
1.50 X	30.50	
1.50 X	31.00	
1.50 X	31.50	
1.50 X	32.00	
1.50 X	32.50	
1.50 X	33.00	
1.50 X	33.50	
1.50 X	34.00	
1.50 X	34.50	
1.50 X	35.00	
1.50 X	35.50	
1.50 X	36.00	
1.50 X	36.50	
1.50 X	37.00	
1.50 X	37.50	
1.50 X	38.00	
1.50 X	38.50	
1.50 X	39.00	
1.50 X	39.50	
1.50 X	40.00	
1.50 X	41.00	
1.50 X	42.00	
1.50 X	43.00	
1.50 X	44.00	
1.50 X	45.00	
1.50 X	46.00	
1.50 X	47.00	
1.50 X	48.00	
1.50 X	49.00	
1.50 X	50.00	
1.50 X	51.00	
1.50 X	52.00	
1.50 X	53.00	
1.50 X	54.00	
1.50 X	55.00	
1.50 X	56.00	
1.50 X	57.00	
1.50 X	58.00	
1.50 X	59.00	
1.50 X	60.00	
1.50 X	61.00	
1.50 X	62.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
1.50 X	63.00	
1.50 X	64.00	
1.50 X	65.00	
1.50 X	66.00	
1.50 X	67.00	
1.50 X	68.00	
1.50 X	69.00	
1.50 X	70.00	
1.50 X	71.00	
1.50 X	72.00	
1.50 X	73.00	
1.50 X	74.00	
1.50 X	75.00	
1.50 X	76.00	
1.50 X	77.00	
1.50 X	78.00	
1.50 X	79.00	
1.50 X	80.00	
1.50 X	81.00	
1.50 X	82.00	
1.50 X	83.00	
1.50 X	84.00	
1.50 X	85.00	
1.50 X	86.00	
1.50 X	87.00	
1.50 X	88.00	
1.50 X	89.00	
1.50 X	90.00	
1.50 X	91.00	
1.50 X	92.00	
1.50 X	93.00	
1.50 X	94.00	
1.50 X	95.00	
1.50 X	96.00	
1.50 X	97.00	
1.50 X	98.00	
1.50 X	99.00	
1.50 X	100.00	
1.52 X	1.42	-003
1.60 X	2.20	
1.60 X	2.75	
1.60 X	2.80	
1.60 X	3.10	
1.60 X	3.20	
1.60 X	3.70	
1.60 X	4.10	
1.60 X	4.70	
1.60 X	5.00	
1.60 X	5.10	
1.60 X	6.10	
1.60 X	7.10	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
1.60 X	8.10	
1.60 X	9.10	
1.60 X	10.10	
1.60 X	11.10	
1.60 X	12.10	
1.60 X	13.10	
1.60 X	14.10	
1.60 X	15.10	
1.60 X	16.10	
1.60 X	17.10	
1.60 X	18.10	
1.60 X	19.10	
1.60 X	20.30	
1.60 X	21.10	
1.60 X	22.10	
1.60 X	25.10	
1.60 X	27.10	
1.60 X	29.10	
1.60 X	32.10	
1.60 X	35.10	
1.60 X	37.10	
1.60 X	51.10	
1.60 X	86.00	
1.60 X	96.60	
1.60 X	115.00	
1.63 X	6.07	-902
1.63 X	7.65	-903
1.78 X	1.78	-004
1.78 X	2.57	-005
1.78 X	2.90	-006
1.78 X	3.17	BS801
1.78 X	3.68	-007
1.78 X	4.47	-008
1.78 X	4.76	BS802
1.78 X	5.28	-009
1.78 X	6.07	-010
1.78 X	6.35	BS803
1.78 X	6.75	BS610
1.78 X	7.65	-011
1.78 X	7.94	BS804
1.78 X	8.73	BS611
1.78 X	9.25	-012
1.78 X	9.52	
1.78 X	10.82	-013
1.78 X	11.11	BS806
1.78 X	11.91	
1.78 X	12.42	-014
1.78 X	14.00	-015
1.78 X	15.60	-016
1.78 X	17.17	-017
1.78 X	18.77	-018

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
1.78 X	19.05	
1.78 X	19.15	
1.78 X	20.35	-019
1.78 X	21.47	
1.78 X	21.95	-020
1.78 X	23.52	-021
1.78 X	25.12	-022
1.78 X	26.70	-023
1.78 X	28.30	-024
1.78 X	29.87	-025
1.78 X	31.47	-026
1.78 X	33.05	-027
1.78 X	34.65	-028
1.78 X	36.00	
1.78 X	36.27	BS517
1.78 X	37.82	-029
1.78 X	39.45	BS519
1.78 X	41.00	-030
1.78 X	44.17	-031
1.78 X	45.84	
1.78 X	47.35	-032
1.78 X	50.52	-033
1.78 X	53.70	-034
1.78 X	56.87	-035
1.78 X	60.05	-036
1.78 X	63.22	-037
1.78 X	66.40	-038
1.78 X	69.57	-039
1.78 X	72.75	-040
1.78 X	75.92	-041
1.78 X	79.00	BS532
1.78 X	82.27	-042
1.78 X	85.34	BS534
1.78 X	88.62	-043
1.78 X	91.70	BS536
1.78 X	94.97	-044
1.78 X	98.05	BS538
1.78 X	101.32	-045
1.78 X	104.40	BS540
1.78 X	107.67	-046
1.78 X	110.74	BS542
1.78 X	114.02	-047
1.78 X	117.10	BS544
1.78 X	120.37	-048
1.78 X	123.44	BS546
1.78 X	126.72	-049
1.78 X	129.40	BS548
1.78 X	133.07	-050
1.78 X	135.76	BS550
1.78 X	138.94	BS551
1.78 X	142.11	BS552
1.78 X	145.29	BS553
1.78 X	148.46	BS554

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
1.78 X	151.64	BS555
1.78 X	154.81	BS556
1.78 X	158.00	BS557
1.78 X	161.16	BS558
1.78 X	164.34	BS559
1.78 X	167.51	BS560
1.78 X	170.69	BS561
1.78 X	173.87	BS562
1.80 X	1.80	
1.80 X	2.00	
1.80 X	2.24	
1.80 X	2.50	
1.80 X	2.80	
1.80 X	3.15	
1.80 X	3.55	
1.80 X	3.75	
1.80 X	4.00	
1.80 X	4.50	
1.80 X	4.87	
1.80 X	5.00	
1.80 X	5.15	
1.80 X	5.30	
1.80 X	5.60	
1.80 X	6.00	
1.80 X	6.30	
1.80 X	6.70	
1.80 X	6.90	
1.80 X	7.10	
1.80 X	7.50	
1.80 X	8.00	
1.80 X	8.50	
1.80 X	8.76	
1.80 X	9.00	
1.80 X	9.50	
1.80 X	10.00	
1.80 X	10.60	
1.80 X	11.20	
1.80 X	11.80	
1.80 X	12.50	
1.80 X	13.20	
1.80 X	14.00	
1.80 X	15.00	
1.80 X	16.00	
1.80 X	17.00	
1.83 X	8.92	-904
1.83 X	10.52	-905
1.90 X	2.40	
1.90 X	2.60	
1.90 X	2.80	P3
1.90 X	3.40	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
1.90 X	3.70	
1.90 X	3.80	P4
1.90 X	4.20	
1.90 X	4.80	P5
1.90 X	4.90	
1.90 X	5.70	
1.90 X	5.80	P6
1.90 X	6.40	
1.90 X	6.80	P7
1.90 X	7.20	
1.90 X	7.80	P8
1.90 X	8.00	
1.90 X	8.80	P9
1.90 X	8.90	
1.90 X	9.80	P10
1.92 X	67.10	
1.98 X	11.89	-906
2.00 X	2.00	
2.00 X	2.50	
2.00 X	2.60	
2.00 X	3.00	
2.00 X	3.50	
2.00 X	4.00	
2.00 X	4.50	
2.00 X	4.60	
2.00 X	5.00	
2.00 X	5.50	
2.00 X	6.00	
2.00 X	6.50	
2.00 X	7.00	
2.00 X	7.50	
2.00 X	8.00	
2.00 X	8.50	
2.00 X	9.00	
2.00 X	9.50	
2.00 X	10.00	
2.00 X	10.50	
2.00 X	11.00	
2.00 X	11.50	
2.00 X	12.00	
2.00 X	12.50	
2.00 X	13.00	
2.00 X	13.50	
2.00 X	14.00	
2.00 X	14.50	
2.00 X	15.00	
2.00 X	15.50	
2.00 X	16.00	
2.00 X	16.50	
2.00 X	17.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
2.00 X	17.50	
2.00 X	18.00	
2.00 X	18.50	
2.00 X	19.00	
2.00 X	19.50	
2.00 X	20.00	
2.00 X	20.50	
2.00 X	21.00	
2.00 X	21.50	
2.00 X	21.90	S22.4
2.00 X	22.00	
2.00 X	22.50	
2.00 X	23.00	
2.00 X	23.50	S24
2.00 X	24.00	
2.00 X	24.50	S25
2.00 X	25.00	
2.00 X	25.50	S26
2.00 X	26.00	
2.00 X	26.50	
2.00 X	27.00	
2.00 X	27.50	S28
2.00 X	28.00	
2.00 X	28.50	S29
2.00 X	29.00	
2.00 X	29.50	S30
2.00 X	30.00	
2.00 X	30.50	
2.00 X	31.00	S31.5
2.00 X	31.50	S32
2.00 X	32.00	
2.00 X	32.50	
2.00 X	33.00	
2.00 X	33.50	S34
2.00 X	34.00	
2.00 X	34.50	S35
2.00 X	35.00	S35.5
2.00 X	35.50	S36
2.00 X	36.00	
2.00 X	36.50	
2.00 X	37.00	
2.00 X	37.50	S38
2.00 X	38.00	
2.00 X	38.50	S39
2.00 X	39.00	
2.00 X	39.50	S40
2.00 X	40.00	
2.00 X	41.00	
2.00 X	41.50	S42
2.00 X	42.00	
2.00 X	42.50	S43
2.00 X	43.00	
2.00 X	43.50	S44

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
2.00 X	44.00	
2.00 X	44.50	S45
2.00 X	45.00	
2.00 X	45.50	S46
2.00 X	46.00	
2.00 X	47.00	
2.00 X	47.50	S48
2.00 X	48.00	
2.00 X	49.00	
2.00 X	49.50	S50
2.00 X	50.00	
2.00 X	51.00	
2.00 X	52.00	
2.00 X	52.50	S53
2.00 X	53.00	
2.00 X	54.00	
2.00 X	54.50	S55
2.00 X	55.00	
2.00 X	55.50	S56
2.00 X	56.00	
2.00 X	57.00	
2.00 X	58.00	
2.00 X	59.00	
2.00 X	59.50	S60
2.00 X	60.00	
2.00 X	61.00	
2.00 X	62.00	
2.00 X	62.50	S63
2.00 X	63.00	
2.00 X	64.00	
2.00 X	64.50	S65
2.00 X	65.00	
2.00 X	66.00	
2.00 X	66.50	S67
2.00 X	67.00	
2.00 X	68.00	
2.00 X	69.00	
2.00 X	69.50	S70
2.00 X	70.00	
2.00 X	70.50	S71
2.00 X	71.00	
2.00 X	72.00	
2.00 X	73.00	
2.00 X	74.00	
2.00 X	74.50	S75
2.00 X	75.00	
2.00 X	76.00	
2.00 X	77.00	
2.00 X	78.00	
2.00 X	79.00	
2.00 X	79.50	S80
2.00 X	80.00	
2.00 X	81.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
2.00 X	82.00	
2.00 X	83.00	
2.00 X	84.00	
2.00 X	84.50	S85
2.00 X	85.00	
2.00 X	86.00	
2.00 X	87.00	
2.00 X	88.00	
2.00 X	89.00	
2.00 X	89.50	S90
2.00 X	90.00	
2.00 X	91.00	
2.00 X	92.00	
2.00 X	93.00	
2.00 X	94.00	
2.00 X	94.50	S95
2.00 X	95.00	
2.00 X	96.00	
2.00 X	97.00	
2.00 X	98.00	
2.00 X	99.00	
2.00 X	99.50	S100
2.00 X	100.00	
2.00 X	102.00	
2.00 X	104.50	S105
2.00 X	105.00	
2.00 X	109.00	
2.00 X	109.50	S110
2.00 X	110.00	
2.00 X	111.50	S112
2.00 X	114.50	S115
2.00 X	115.00	
2.00 X	119.50	S120
2.00 X	120.00	
2.00 X	124.50	S125
2.00 X	125.60	
2.00 X	129.50	S130
2.00 X	130.00	
2.00 X	131.50	S132
2.00 X	134.50	S135
2.00 X	139.50	S140
2.00 X	140.00	
2.00 X	144.50	S145
2.00 X	149.50	S150
2.00 X	165.00	
2.00 X	180.00	
2.00 X	194.00	
2.08 X	13.46	-907
2.18 X	12.40	
2.20 X	6.00	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
2.20 X	9.00	
2.20 X	10.00	
2.20 X	18.00	
2.21 X	16.36	-908
2.40 X	3.30	
2.40 X	3.60	
2.40 X	4.30	
2.40 X	4.60	
2.40 X	5.30	
2.40 X	5.50	
2.40 X	5.60	
2.40 X	6.30	
2.40 X	6.60	
2.40 X	7.30	
2.40 X	7.50	
2.40 X	7.60	
2.40 X	8.00	
2.40 X	8.30	
2.40 X	8.60	
2.40 X	9.30	
2.40 X	9.60	
2.40 X	9.80	P10A
2.40 X	10.30	
2.40 X	10.50	
2.40 X	10.60	
2.40 X	10.80	P11
2.40 X	11.00	P11.2
2.40 X	11.30	
2.40 X	11.50	
2.40 X	11.60	
2.40 X	11.80	P12
2.40 X	12.30	P12.5
2.40 X	12.60	
2.40 X	13.30	
2.40 X	13.50	
2.40 X	13.60	
2.40 X	13.80	P14
2.40 X	14.30	
2.40 X	14.50	
2.40 X	14.60	
2.40 X	14.80	P15
2.40 X	15.30	
2.40 X	15.50	
2.40 X	15.60	
2.40 X	15.80	P16
2.40 X	15.90	
2.40 X	16.30	
2.40 X	16.60	
2.40 X	17.30	
2.40 X	17.50	
2.40 X	17.60	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
2.40 X	17.80	P18
2.40 X	18.30	
2.40 X	18.60	
2.40 X	19.30	
2.40 X	19.60	
2.40 X	19.80	P20
2.40 X	20.30	
2.40 X	20.50	
2.40 X	20.80	P21
2.40 X	21.30	
2.40 X	21.50	
2.40 X	21.60	
2.40 X	21.80	P22
2.40 X	22.30	
2.40 X	22.60	
2.40 X	23.30	
2.40 X	23.50	
2.40 X	23.60	
2.40 X	24.30	
2.40 X	24.50	
2.40 X	24.60	
2.40 X	25.00	
2.40 X	25.30	
2.40 X	25.60	
2.40 X	27.30	
2.40 X	27.50	
2.40 X	27.60	
2.40 X	29.60	
2.40 X	30.30	
2.40 X	31.60	
2.40 X	33.30	
2.40 X	34.60	
2.40 X	36.50	
2.40 X	37.60	
2.40 X	39.60	
2.40 X	41.60	
2.40 X	44.60	
2.40 X	47.60	
2.40 X	49.60	
2.40 X	51.60	
2.40 X	54.60	
2.40 X	57.60	
2.40 X	59.60	
2.40 X	61.60	
2.40 X	64.60	
2.40 X	67.60	
2.40 X	69.60	
2.40 X	161.60	
2.46 X	17.93	-909
2.46 X	19.18	-910
2.50 X	4.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
2.50 X	4.60	
2.50 X	5.00	
2.50 X	5.50	
2.50 X	6.00	
2.50 X	6.50	
2.50 X	7.00	
2.50 X	7.50	
2.50 X	8.00	
2.50 X	8.50	
2.50 X	9.00	
2.50 X	9.50	
2.50 X	10.00	
2.50 X	10.50	
2.50 X	11.00	
2.50 X	11.50	
2.50 X	12.00	
2.50 X	12.50	
2.50 X	13.00	
2.50 X	13.50	
2.50 X	14.00	
2.50 X	14.50	
2.50 X	15.00	
2.50 X	15.50	
2.50 X	16.00	
2.50 X	16.50	
2.50 X	17.00	
2.50 X	17.50	
2.50 X	18.00	
2.50 X	18.50	
2.50 X	19.00	
2.50 X	19.50	
2.50 X	20.00	
2.50 X	20.50	
2.50 X	21.00	
2.50 X	21.50	
2.50 X	22.00	
2.50 X	22.50	
2.50 X	23.00	
2.50 X	23.50	
2.50 X	24.00	
2.50 X	24.50	
2.50 X	25.00	
2.50 X	25.50	
2.50 X	26.00	
2.50 X	26.50	
2.50 X	27.00	
2.50 X	27.50	
2.50 X	28.00	
2.50 X	28.50	
2.50 X	29.00	
2.50 X	29.50	
2.50 X	30.00	
2.50 X	30.50	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
2.50 X	31.00	
2.50 X	31.50	
2.50 X	32.00	
2.50 X	32.50	
2.50 X	33.00	
2.50 X	33.50	
2.50 X	34.00	
2.50 X	34.50	
2.50 X	35.00	
2.50 X	35.50	
2.50 X	36.00	
2.50 X	36.50	
2.50 X	37.00	
2.50 X	37.50	
2.50 X	38.00	
2.50 X	38.50	
2.50 X	39.00	
2.50 X	39.50	
2.50 X	40.00	
2.50 X	41.00	
2.50 X	42.00	
2.50 X	43.00	
2.50 X	44.00	
2.50 X	45.00	
2.50 X	46.00	
2.50 X	47.00	
2.50 X	48.00	
2.50 X	49.00	
2.50 X	50.00	
2.50 X	51.00	
2.50 X	52.00	
2.50 X	53.00	
2.50 X	54.00	
2.50 X	55.00	
2.50 X	56.00	
2.50 X	57.00	
2.50 X	58.00	
2.50 X	59.00	
2.50 X	60.00	
2.50 X	61.00	
2.50 X	62.00	
2.50 X	63.00	
2.50 X	64.00	
2.50 X	65.00	
2.50 X	66.00	
2.50 X	67.00	
2.50 X	68.00	
2.50 X	69.00	
2.50 X	70.00	
2.50 X	71.00	
2.50 X	72.00	
2.50 X	73.00	
2.50 X	74.00	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
2.50 X	75.00	
2.50 X	76.00	
2.50 X	77.00	
2.50 X	78.00	
2.50 X	79.00	
2.50 X	80.00	
2.50 X	81.00	
2.50 X	82.00	
2.50 X	83.00	
2.50 X	84.00	
2.50 X	85.00	
2.50 X	86.00	
2.50 X	87.00	
2.50 X	88.00	
2.50 X	89.00	
2.50 X	90.00	
2.50 X	91.00	
2.50 X	92.00	
2.50 X	93.00	
2.50 X	94.00	
2.50 X	95.00	
2.50 X	96.00	
2.50 X	97.00	
2.50 X	98.00	
2.50 X	99.00	
2.50 X	100.00	
2.50 X	101.00	
2.50 X	102.00	
2.50 X	103.00	
2.50 X	104.00	
2.50 X	105.00	
2.50 X	106.00	
2.50 X	107.00	
2.50 X	108.00	
2.50 X	109.00	
2.50 X	110.00	
2.50 X	111.00	
2.50 X	112.00	
2.50 X	113.00	
2.50 X	114.00	
2.50 X	115.00	
2.50 X	116.00	
2.50 X	117.00	
2.50 X	118.00	
2.50 X	119.00	
2.50 X	120.00	
2.50 X	121.00	
2.50 X	122.00	
2.50 X	123.00	
2.50 X	124.00	
2.50 X	125.00	
2.50 X	126.00	
2.50 X	127.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
2.50 X	128.00	
2.50 X	129.00	
2.50 X	130.00	
2.50 X	131.00	
2.50 X	132.00	
2.50 X	133.00	
2.50 X	134.00	
2.50 X	135.00	
2.50 X	136.00	
2.50 X	137.00	
2.50 X	138.00	
2.50 X	139.00	
2.50 X	140.00	
2.50 X	141.00	
2.50 X	142.00	
2.50 X	143.00	
2.50 X	144.00	
2.50 X	145.00	
2.50 X	146.00	
2.50 X	147.00	
2.50 X	148.00	
2.50 X	149.00	
2.50 X	150.00	
2.55 X	29.10	
2.62 X	1.24	-102
2.62 X	2.06	-103
2.62 X	2.84	-104
2.62 X	3.63	-105
2.62 X	4.42	-106
2.62 X	5.23	-107
2.62 X	6.02	-108
2.62 X	7.59	-109
2.62 X	9.13	
2.62 X	9.19	-110
2.62 X	9.90	BS613
2.62 X	10.77	-111
2.62 X	11.91	BS614
2.62 X	12.37	-112
2.62 X	12.70	BS807
2.62 X	13.10	BS615
2.62 X	13.94	-113
2.62 X	15.08	BS616
2.62 X	15.54	-114
2.62 X	15.88	BS809
2.62 X	17.12	-115
2.62 X	17.46	BS810
2.62 X	17.86	BS617
2.62 X	18.72	-116
2.62 X	20.30	-117
2.62 X	20.64	BS812
2.62 X	21.89	-118

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
2.62 X	22.23	BS813
2.62 X	23.47	-119
2.62 X	23.81	BS814
2.62 X	25.07	-120
2.62 X	26.64	-121
2.62 X	28.24	-122
2.62 X	29.82	-123
2.62 X	31.42	-124
2.62 X	32.99	-125
2.62 X	34.59	-126
2.62 X	36.17	-127
2.62 X	37.77	-128
2.62 X	39.34	-129
2.62 X	40.94	-130
2.62 X	42.52	-131
2.62 X	44.12	-132
2.62 X	45.69	-133
2.62 X	47.29	-134
2.62 X	48.90	-135
2.62 X	50.47	-136
2.62 X	52.07	-137
2.62 X	53.64	-138
2.62 X	55.25	-139
2.62 X	56.82	-140
2.62 X	58.42	-141
2.62 X	59.99	-142
2.62 X	61.60	-143
2.62 X	63.17	-144
2.62 X	64.77	-145
2.62 X	66.34	-146
2.62 X	67.95	-147
2.62 X	69.52	-148
2.62 X	71.12	-149
2.62 X	72.69	-150
2.62 X	74.30	BS640
2.62 X	75.87	-151
2.62 X	77.50	BS641
2.62 X	80.60	BS642
2.62 X	82.22	-152
2.62 X	83.80	BS643
2.62 X	88.57	-153
2.62 X	92.75	
2.62 X	94.92	-154
2.62 X	101.27	-155
2.62 X	107.62	-156
2.62 X	113.97	-157
2.62 X	120.32	-158
2.62 X	126.67	-159
2.62 X	133.02	-160
2.62 X	139.37	-161
2.62 X	145.72	-162
2.62 X	152.07	-163
2.62 X	158.42	-164

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
2.62 X	164.77	-165
2.62 X	171.12	-166
2.62 X	177.47	-167
2.62 X	183.82	-168
2.62 X	190.17	-169
2.62 X	196.52	-170
2.62 X	202.87	-171
2.62 X	209.22	-172
2.62 X	215.57	-173
2.62 X	221.92	-174
2.62 X	228.27	-175
2.62 X	234.62	-176
2.62 X	240.97	-177
2.62 X	247.32	-178
2.65 X	14.00	
2.65 X	15.00	
2.65 X	16.00	
2.65 X	17.00	
2.65 X	18.00	
2.65 X	19.00	
2.65 X	20.00	
2.65 X	21.20	
2.65 X	22.40	
2.65 X	23.60	
2.65 X	25.00	
2.65 X	25.80	
2.65 X	26.50	
2.65 X	28.00	
2.65 X	30.00	
2.65 X	31.50	
2.65 X	32.50	
2.65 X	33.50	
2.65 X	34.50	
2.65 X	35.50	
2.65 X	36.50	
2.65 X	37.50	
2.65 X	38.70	
2.70 X	8.35	
2.70 X	8.90	
2.70 X	10.50	
2.70 X	12.10	
2.70 X	13.60	
2.70 X	15.10	
2.70 X	16.90	
2.70 X	18.40	
2.70 X	18.60	
2.70 X	27.30	
2.70 X	28.40	
2.70 X	117.00	
2.92 X	9.53	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	CROSS REF.
2.95 X	21.92	-911
2.95 X	23.47	-912
2.95 X	25.04	-913
2.95 X	26.59	-914
2.95 X	29.74	-916
2.95 X	34.42	-918
3.00 X	3.00	
3.00 X	3.50	
3.00 X	4.00	
3.00 X	4.50	
3.00 X	5.00	
3.00 X	5.50	
3.00 X	6.00	
3.00 X	6.50	
3.00 X	7.00	
3.00 X	7.50	
3.00 X	8.00	
3.00 X	8.50	
3.00 X	9.00	
3.00 X	9.50	
3.00 X	10.00	
3.00 X	10.50	
3.00 X	11.00	
3.00 X	11.50	
3.00 X	12.00	
3.00 X	12.50	
3.00 X	13.00	
3.00 X	13.50	
3.00 X	14.00	
3.00 X	14.50	
3.00 X	15.00	
3.00 X	15.50	
3.00 X	16.00	
3.00 X	16.50	
3.00 X	17.00	
3.00 X	17.50	
3.00 X	18.00	
3.00 X	18.20	
3.00 X	18.50	
3.00 X	19.00	
3.00 X	19.20	
3.00 X	19.50	
3.00 X	20.00	
3.00 X	20.50	
3.00 X	21.00	
3.00 X	21.50	
3.00 X	22.00	
3.00 X	22.20	
3.00 X	22.50	
3.00 X	23.00	
3.00 X	23.50	
3.00 X	24.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	CROSS REF.
3.00 X	24.20	
3.00 X	24.50	
3.00 X	24.60	
3.00 X	25.00	
3.00 X	25.20	
3.00 X	25.50	
3.00 X	26.00	
3.00 X	26.20	
3.00 X	26.50	
3.00 X	27.00	
3.00 X	27.50	
3.00 X	28.00	
3.00 X	28.50	
3.00 X	29.00	
3.00 X	29.20	
3.00 X	29.50	
3.00 X	30.00	
3.00 X	30.20	
3.00 X	30.50	
3.00 X	31.00	
3.00 X	31.50	
3.00 X	32.00	
3.00 X	32.20	
3.00 X	32.50	
3.00 X	33.00	
3.00 X	33.50	
3.00 X	34.00	
3.00 X	34.20	
3.00 X	34.50	
3.00 X	35.00	
3.00 X	35.50	
3.00 X	36.00	
3.00 X	36.20	
3.00 X	36.50	
3.00 X	37.00	
3.00 X	37.20	
3.00 X	37.47	-920
3.00 X	37.50	
3.00 X	38.00	
3.00 X	38.50	
3.00 X	39.00	
3.00 X	39.20	
3.00 X	39.50	
3.00 X	40.00	
3.00 X	40.20	
3.00 X	41.00	
3.00 X	41.50	
3.00 X	42.00	
3.00 X	42.20	
3.00 X	42.50	
3.00 X	43.00	
3.00 X	43.69	-924
3.00 X	44.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	CROSS REF.
3.00 X	44.20	
3.00 X	44.50	
3.00 X	45.00	
3.00 X	46.00	
3.00 X	47.00	
3.00 X	48.00	
3.00 X	49.00	
3.00 X	49.50	
3.00 X	50.00	
3.00 X	50.50	
3.00 X	51.00	
3.00 X	52.00	
3.00 X	53.00	
3.00 X	53.09	-928
3.00 X	54.00	
3.00 X	54.20	
3.00 X	54.50	
3.00 X	55.00	
3.00 X	56.00	
3.00 X	56.20	
3.00 X	57.00	
3.00 X	58.00	
3.00 X	59.00	
3.00 X	59.36	-932
3.00 X	59.50	
3.00 X	60.00	
3.00 X	61.00	
3.00 X	62.00	
3.00 X	62.20	
3.00 X	63.00	
3.00 X	64.00	
3.00 X	64.50	
3.00 X	65.00	
3.00 X	66.00	
3.00 X	67.00	
3.00 X	68.00	
3.00 X	69.00	
3.00 X	69.50	
3.00 X	70.00	
3.00 X	71.00	
3.00 X	72.00	
3.00 X	73.00	
3.00 X	74.00	
3.00 X	74.50	
3.00 X	75.00	
3.00 X	76.00	
3.00 X	77.00	
3.00 X	78.00	
3.00 X	79.00	
3.00 X	79.50	
3.00 X	80.00	
3.00 X	81.00	
3.00 X	82.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	CROSS REF.
3.00 X	83.00	
3.00 X	84.00	
3.00 X	84.50	
3.00 X	85.00	
3.00 X	86.00	
3.00 X	87.00	
3.00 X	88.00	
3.00 X	89.00	
3.00 X	89.50	
3.00 X	90.00	
3.00 X	91.00	
3.00 X	92.00	
3.00 X	93.00	
3.00 X	94.00	
3.00 X	94.50	
3.00 X	95.00	
3.00 X	96.00	
3.00 X	97.00	
3.00 X	98.00	
3.00 X	99.00	
3.00 X	99.50	
3.00 X	100.00	
3.00 X	101.00	
3.00 X	102.00	
3.00 X	103.00	
3.00 X	104.00	
3.00 X	104.50	
3.00 X	105.00	
3.00 X	106.00	
3.00 X	107.00	
3.00 X	108.00	
3.00 X	109.00	
3.00 X	109.50	
3.00 X	110.00	
3.00 X	111.00	
3.00 X	112.00	
3.00 X	113.00	
3.00 X	114.00	
3.00 X	114.50	
3.00 X	115.00	
3.00 X	116.00	
3.00 X	117.00	
3.00 X	118.00	
3.00 X	119.00	
3.00 X	119.50	
3.00 X	120.00	
3.00 X	121.00	
3.00 X	122.00	
3.00 X	123.00	
3.00 X	124.00	
3.00 X	124.50	
3.00 X	125.00	
3.00 X	126.00	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	CROSS REF.
3.00 X	126.50	
3.00 X	127.00	
3.00 X	128.00	
3.00 X	129.00	
3.00 X	129.50	
3.00 X	130.00	
3.00 X	131.00	
3.00 X	132.00	
3.00 X	133.00	
3.00 X	134.00	
3.00 X	134.50	
3.00 X	135.00	
3.00 X	136.00	
3.00 X	137.00	
3.00 X	138.00	
3.00 X	139.00	
3.00 X	139.50	
3.00 X	140.00	
3.00 X	141.00	
3.00 X	142.00	
3.00 X	143.00	
3.00 X	144.00	
3.00 X	144.50	
3.00 X	145.00	
3.00 X	146.00	
3.00 X	147.00	
3.00 X	148.00	
3.00 X	149.00	
3.00 X	149.50	
3.00 X	150.00	
3.00 X	151.00	
3.00 X	152.00	
3.00 X	153.00	
3.00 X	154.00	
3.00 X	154.50	
3.00 X	155.00	
3.00 X	156.00	
3.00 X	157.00	
3.00 X	158.00	
3.00 X	159.00	
3.00 X	159.50	
3.00 X	160.00	
3.00 X	161.00	
3.00 X	162.00	
3.00 X	163.00	
3.00 X	164.00	
3.00 X	164.50	
3.00 X	165.00	
3.00 X	166.00	
3.00 X	167.00	
3.00 X	168.00	
3.00 X	169.00	
3.00 X	169.50	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	CROSS REF.
3.00 X	170.00	
3.00 X	171.00	
3.00 X	172.00	
3.00 X	173.00	
3.00 X	174.00	
3.00 X	174.50	
3.00 X	175.00	
3.00 X	176.00	
3.00 X	177.00	
3.00 X	178.00	
3.00 X	179.00	
3.00 X	179.50	
3.00 X	180.00	
3.00 X	181.00	
3.00 X	182.00	
3.00 X	183.00	
3.00 X	183.50	
3.00 X	184.00	
3.00 X	184.50	
3.00 X	185.00	
3.00 X	186.00	
3.00 X	187.00	
3.00 X	188.00	
3.00 X	189.00	
3.00 X	189.50	
3.00 X	190.00	
3.00 X	191.00	
3.00 X	192.00	
3.00 X	193.00	
3.00 X	194.00	
3.00 X	194.50	
3.00 X	195.00	
3.00 X	196.00	
3.00 X	197.00	
3.00 X	198.00	
3.00 X	199.00	
3.00 X	199.50	
3.00 X	200.00	
3.00 X	201.00	
3.00 X	202.00	
3.00 X	203.00	
3.00 X	204.00	
3.00 X	204.50	
3.00 X	205.00	
3.00 X	206.00	
3.00 X	207.00	
3.00 X	208.00	
3.00 X	209.00	
3.00 X	209.50	
3.00 X	210.00	
3.00 X	211.00	
3.00 X	212.00	
3.00 X	213.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	CROSS REF.
3.00 X	214.00	
3.00 X	215.00	
3.00 X	216.00	
3.00 X	217.00	
3.00 X	218.00	
3.00 X	219.00	
3.00 X	219.50	
3.00 X	220.00	
3.00 X	221.00	
3.00 X	222.00	
3.00 X	223.00	
3.00 X	224.00	
3.00 X	225.00	
3.00 X	226.00	
3.00 X	227.00	
3.00 X	228.00	
3.00 X	229.00	
3.00 X	229.50	
3.00 X	230.00	
3.00 X	231.00	
3.00 X	232.00	
3.00 X	233.00	
3.00 X	234.00	
3.00 X	235.00	
3.00 X	236.00	
3.00 X	237.00	
3.00 X	238.00	
3.00 X	239.00	
3.00 X	239.50	
3.00 X	240.00	
3.00 X	241.00	
3.00 X	242.00	
3.00 X	243.00	
3.00 X	244.00	
3.00 X	245.00	
3.00 X	246.00	
3.00 X	247.00	
3.00 X	248.00	
3.00 X	249.00	
3.00 X	249.50	
3.00 X	250.00	
3.00 X	255.00	
3.00 X	259.30	
3.00 X	260.00	
3.00 X	264.00	
3.00 X	270.00	
3.00 X	280.00	
3.00 X	300.00	
3.00 X	315.00	
3.00 X	320.00	
3.00 X	350.00	
3.00 X	440.00	
3.00 X	505.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	CROSS REF.
3.00 X	518.50	
3.10 X	24.40	G25
3.10 X	29.40	G30
3.10 X	34.40	G35
3.10 X	39.40	G40
3.10 X	44.40	G45
3.10 X	49.40	G50
3.10 X	54.40	G55
3.10 X	59.40	G60
3.10 X	64.40	G65
3.10 X	69.40	G70
3.10 X	74.40	G75
3.10 X	79.40	G80
3.10 X	84.40	G85
3.10 X	89.40	G90
3.10 X	94.40	G95
3.10 X	99.40	G100
3.10 X	104.40	G105
3.10 X	109.40	G110
3.10 X	114.40	G115
3.10 X	119.40	G120
3.10 X	124.40	G125
3.10 X	129.40	G130
3.10 X	134.40	G135
3.10 X	139.40	G140
3.10 X	144.40	G145
3.20 X	174.00	
3.20 X	219.50	
3.20 X	227.00	
3.50 X	5.00	
3.50 X	8.00	
3.50 X	9.00	
3.50 X	9.20	
3.50 X	10.00	
3.50 X	11.00	
3.50 X	12.00	
3.50 X	13.00	
3.50 X	14.00	
3.50 X	15.00	
3.50 X	16.00	
3.50 X	17.00	
3.50 X	17.50	
3.50 X	18.00	
3.50 X	19.00	
3.50 X	20.00	
3.50 X	21.00	
3.50 X	21.70	P22A
3.50 X	22.00	
3.50 X	22.10	P22.4
3.50 X	23.00	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
3.50 X	23.70	P24
3.50 X	24.00	
3.50 X	24.70	P25
3.50 X	25.00	
3.50 X	25.20	P25.5
3.50 X	25.70	P26
3.50 X	26.00	
3.50 X	27.00	
3.50 X	27.70	P28
3.50 X	28.00	
3.50 X	28.70	P29
3.50 X	29.00	
3.50 X	29.20	P29.5
3.50 X	29.70	P30
3.50 X	30.00	
3.50 X	30.50	
3.50 X	30.70	P31
3.50 X	31.00	
3.50 X	31.20	P31.5
3.50 X	31.70	P32
3.50 X	32.00	
3.50 X	33.00	
3.50 X	33.70	P34
3.50 X	34.00	
3.50 X	34.70	P35
3.50 X	35.00	
3.50 X	35.20	P35.5
3.50 X	35.70	P36
3.50 X	36.00	
3.50 X	37.00	
3.50 X	37.70	P38
3.50 X	38.00	
3.50 X	38.70	P39
3.50 X	39.00	
3.50 X	39.70	P40
3.50 X	40.00	
3.50 X	40.70	P41
3.50 X	41.00	
3.50 X	41.70	P42
3.50 X	42.00	
3.50 X	43.00	
3.50 X	43.70	P44
3.50 X	44.00	
3.50 X	44.70	P45
3.50 X	45.00	
3.50 X	45.70	P46
3.50 X	46.00	
3.50 X	47.00	
3.50 X	47.70	P48
3.50 X	48.00	
3.50 X	48.70	P49
3.50 X	49.00	
3.50 X	49.70	P50

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
3.50 X	50.00	
3.50 X	51.00	
3.50 X	52.00	
3.50 X	53.00	
3.50 X	54.00	
3.50 X	55.00	
3.50 X	56.00	
3.50 X	57.00	
3.50 X	58.00	
3.50 X	59.00	
3.50 X	60.00	
3.50 X	61.00	
3.50 X	62.00	
3.50 X	63.00	
3.50 X	64.00	
3.50 X	65.00	
3.50 X	66.00	
3.50 X	67.00	
3.50 X	68.00	
3.50 X	69.00	
3.50 X	70.00	
3.50 X	71.00	
3.50 X	72.00	
3.50 X	73.00	
3.50 X	74.00	
3.50 X	75.00	
3.50 X	76.00	
3.50 X	77.00	
3.50 X	78.00	
3.50 X	79.00	
3.50 X	80.00	
3.50 X	81.00	
3.50 X	82.00	
3.50 X	83.00	
3.50 X	84.00	
3.50 X	85.00	
3.50 X	86.00	
3.50 X	87.00	
3.50 X	88.00	
3.50 X	89.00	
3.50 X	90.00	
3.50 X	91.00	
3.50 X	92.00	
3.50 X	93.00	
3.50 X	94.00	
3.50 X	95.00	
3.50 X	96.00	
3.50 X	97.00	
3.50 X	98.00	
3.50 X	99.00	
3.50 X	100.00	
3.50 X	101.00	
3.50 X	102.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
3.50 X	103.00	
3.50 X	104.00	
3.50 X	105.00	
3.50 X	106.00	
3.50 X	107.00	
3.50 X	108.00	
3.50 X	109.00	
3.50 X	110.00	
3.50 X	111.00	
3.50 X	112.00	
3.50 X	113.00	
3.50 X	114.00	
3.50 X	115.00	
3.50 X	116.00	
3.50 X	117.00	
3.50 X	118.00	
3.50 X	119.00	
3.50 X	120.00	
3.50 X	121.00	
3.50 X	122.00	
3.50 X	123.00	
3.50 X	124.00	
3.50 X	125.00	
3.50 X	126.00	
3.50 X	127.00	
3.50 X	128.00	
3.50 X	129.00	
3.50 X	130.00	
3.50 X	131.00	
3.50 X	132.00	
3.50 X	133.00	
3.50 X	134.00	
3.50 X	135.00	
3.50 X	136.00	
3.50 X	137.00	
3.50 X	138.00	
3.50 X	139.00	
3.50 X	140.00	
3.50 X	141.00	
3.50 X	142.00	
3.50 X	143.00	
3.50 X	144.00	
3.50 X	145.00	
3.50 X	146.00	
3.50 X	147.00	
3.50 X	148.00	
3.50 X	149.00	
3.50 X	150.00	
3.50 X	151.00	
3.50 X	152.00	
3.50 X	153.00	
3.50 X	154.00	
3.50 X	155.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
3.50 X	156.00	
3.50 X	157.00	
3.50 X	158.00	
3.50 X	159.00	
3.50 X	160.00	
3.50 X	161.00	
3.50 X	162.00	
3.50 X	163.00	
3.50 X	164.00	
3.50 X	165.00	
3.50 X	166.00	
3.50 X	167.00	
3.50 X	168.00	
3.50 X	169.00	
3.50 X	170.00	
3.50 X	171.00	
3.50 X	172.00	
3.50 X	173.00	
3.50 X	174.00	
3.50 X	175.00	
3.50 X	176.00	
3.50 X	177.00	
3.50 X	178.00	
3.50 X	179.00	
3.50 X	180.00	
3.50 X	181.00	
3.50 X	182.00	
3.50 X	183.00	
3.50 X	184.00	
3.50 X	185.00	
3.50 X	186.00	
3.50 X	187.00	
3.50 X	188.00	
3.50 X	189.00	
3.50 X	190.00	
3.50 X	191.00	
3.50 X	192.00	
3.50 X	193.00	
3.50 X	194.00	
3.50 X	195.00	
3.50 X	196.00	
3.50 X	197.00	
3.50 X	198.00	
3.50 X	199.00	
3.50 X	200.00	
3.50 X	201.00	
3.50 X	202.00	
3.50 X	203.00	
3.50 X	204.00	
3.50 X	205.00	
3.50 X	206.00	
3.50 X	207.00	
3.50 X	208.00	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
3.50	X 209.00	
3.50	X 210.00	
3.50	X 211.00	
3.50	X 212.00	
3.50	X 213.00	
3.50	X 214.00	
3.50	X 215.00	
3.50	X 216.00	
3.50	X 217.00	
3.50	X 218.00	
3.50	X 219.00	
3.50	X 220.00	
3.50	X 221.00	
3.50	X 222.00	
3.50	X 223.00	
3.50	X 224.00	
3.50	X 225.00	
3.50	X 226.00	
3.50	X 227.00	
3.50	X 228.00	
3.50	X 229.00	
3.50	X 230.00	
3.50	X 231.00	
3.50	X 232.00	
3.50	X 233.00	
3.50	X 234.00	
3.50	X 235.00	
3.50	X 236.00	
3.50	X 237.00	
3.50	X 238.00	
3.50	X 239.00	
3.50	X 240.00	
3.50	X 241.00	
3.50	X 242.00	
3.50	X 243.00	
3.50	X 244.00	
3.50	X 245.00	
3.50	X 246.00	
3.50	X 247.00	
3.50	X 248.00	
3.50	X 249.00	
3.50	X 250.00	
3.50	X 251.00	
3.50	X 252.00	
3.50	X 253.00	
3.50	X 254.00	
3.50	X 255.00	
3.50	X 256.00	
3.50	X 257.00	
3.50	X 258.00	
3.50	X 259.00	
3.50	X 260.00	
3.50	X 261.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
3.50	X 262.00	
3.50	X 263.00	
3.50	X 264.00	
3.50	X 265.00	
3.50	X 266.00	
3.50	X 267.00	
3.50	X 268.00	
3.50	X 269.00	
3.50	X 270.00	
3.50	X 271.00	
3.50	X 272.00	
3.50	X 273.00	
3.50	X 274.00	
3.50	X 275.00	
3.50	X 276.00	
3.50	X 277.00	
3.50	X 278.00	
3.50	X 279.00	
3.50	X 280.00	
3.50	X 281.00	
3.50	X 282.00	
3.50	X 283.00	
3.50	X 284.00	
3.50	X 285.00	
3.50	X 286.00	
3.50	X 287.00	
3.50	X 288.00	
3.50	X 289.00	
3.50	X 290.00	
3.50	X 291.00	
3.50	X 292.00	
3.50	X 293.00	
3.50	X 294.00	
3.50	X 295.00	
3.50	X 296.00	
3.50	X 297.00	
3.50	X 298.00	
3.50	X 299.00	
3.50	X 300.00	
3.50	X 301.00	
3.50	X 302.00	
3.50	X 303.00	
3.50	X 304.00	
3.50	X 305.00	
3.50	X 306.00	
3.50	X 307.00	
3.50	X 308.00	
3.50	X 309.00	
3.50	X 310.00	
3.50	X 311.00	
3.50	X 312.00	
3.50	X 313.00	
3.50	X 314.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
3.50	X 315.00	
3.50	X 316.00	
3.50	X 317.00	
3.50	X 318.00	
3.50	X 319.00	
3.50	X 320.00	
3.50	X 321.00	
3.50	X 322.00	
3.50	X 323.00	
3.50	X 324.00	
3.50	X 325.00	
3.50	X 326.00	
3.50	X 327.00	
3.50	X 328.00	
3.50	X 329.00	
3.50	X 330.00	
3.50	X 331.00	
3.50	X 332.00	
3.50	X 333.00	
3.50	X 334.00	
3.50	X 335.00	
3.50	X 336.00	
3.50	X 337.00	
3.50	X 338.00	
3.50	X 339.00	
3.50	X 340.00	
3.50	X 341.00	
3.50	X 342.00	
3.50	X 343.00	
3.50	X 344.00	
3.50	X 345.00	
3.50	X 346.00	
3.50	X 347.00	
3.50	X 348.00	
3.50	X 349.00	
3.50	X 350.00	
3.50	X 351.00	
3.50	X 352.00	
3.50	X 353.00	
3.50	X 354.00	
3.50	X 355.00	
3.50	X 356.00	
3.50	X 357.00	
3.50	X 358.00	
3.50	X 359.00	
3.50	X 360.00	
3.50	X 361.00	
3.50	X 362.00	
3.50	X 363.00	
3.50	X 364.00	
3.50	X 365.00	
3.50	X 366.00	
3.50	X 367.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
3.50	X 368.00	
3.50	X 369.00	
3.50	X 370.00	
3.50	X 371.00	
3.50	X 372.00	
3.50	X 373.00	
3.50	X 374.00	
3.50	X 375.00	
3.50	X 376.00	
3.50	X 377.00	
3.50	X 378.00	
3.50	X 379.00	
3.50	X 380.00	
3.50	X 381.00	
3.50	X 382.00	
3.50	X 383.00	
3.50	X 384.00	
3.50	X 385.00	
3.50	X 386.00	
3.50	X 387.00	
3.50	X 388.00	
3.50	X 389.00	
3.50	X 390.00	
3.50	X 391.00	
3.50	X 392.00	
3.50	X 393.00	
3.50	X 394.00	
3.50	X 395.00	
3.50	X 396.00	
3.50	X 397.00	
3.50	X 398.00	
3.50	X 399.00	
3.50	X 400.00	
3.50	X 401.00	
3.50	X 402.00	
3.50	X 403.00	
3.50	X 404.00	
3.50	X 405.00	
3.50	X 406.00	
3.50	X 407.00	
3.50	X 408.00	
3.50	X 409.00	
3.50	X 410.00	
3.50	X 411.00	
3.50	X 412.00	
3.50	X 413.00	
3.50	X 414.00	
3.50	X 415.00	
3.50	X 416.00	
3.50	X 417.00	
3.50	X 418.00	
3.50	X 419.00	
3.50	X 420.00	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
3.50 X	421.00	
3.50 X	422.00	
3.50 X	423.00	
3.50 X	424.00	
3.50 X	425.00	
3.50 X	426.00	
3.50 X	427.00	
3.50 X	428.00	
3.50 X	429.00	
3.50 X	430.00	
3.50 X	431.00	
3.50 X	432.00	
3.50 X	433.00	
3.50 X	434.00	
3.50 X	435.00	
3.50 X	436.00	
3.50 X	437.00	
3.50 X	438.00	
3.50 X	439.00	
3.50 X	440.00	
3.53 X	4.34	-201
3.53 X	5.94	-202
3.53 X	7.52	-203
3.53 X	9.12	-204
3.53 X	10.69	-205
3.53 X	12.29	-206
3.53 X	13.87	-207
3.53 X	15.47	-208
3.53 X	17.04	-209
3.53 X	18.64	-210
3.53 X	20.22	-211
3.53 X	21.82	-212
3.53 X	23.39	-213
3.53 X	24.99	-214
3.53 X	25.80	BS618
3.53 X	26.57	-215
3.53 X	28.17	-216
3.53 X	29.74	-217
3.53 X	31.34	-218
3.53 X	32.92	-219
3.53 X	34.52	-220
3.53 X	36.09	-221
3.53 X	37.69	-222
3.53 X	39.70	BS824
3.53 X	40.87	-223
3.53 X	41.28	BS825
3.53 X	42.86	BS826
3.53 X	44.04	-224
3.53 X	44.45	BS827
3.53 X	46.04	BS828
3.53 X	47.22	-225
3.53 X	47.62	BS829

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
3.53 X	49.20	BS830
3.53 X	50.39	-226
3.53 X	50.80	BS831
3.53 X	52.40	BS832
3.53 X	53.57	-227
3.53 X	53.97	BS833
3.53 X	55.56	BS834
3.53 X	56.74	-228
3.53 X	57.15	BS835
3.53 X	58.74	BS836
3.53 X	59.92	-229
3.53 X	60.32	BS837
3.53 X	61.90	BS838
3.53 X	63.09	-230
3.53 X	63.50	BS839
3.53 X	65.10	BS840
3.53 X	66.27	-231
3.53 X	66.67	BS841
3.53 X	68.26	BS842
3.53 X	69.44	-232
3.53 X	69.85	BS843
3.53 X	71.44	BS844
3.53 X	72.62	-233
3.53 X	73.02	BS845
3.53 X	74.60	BS846
3.53 X	75.79	-234
3.53 X	78.97	-235
3.53 X	82.14	-236
3.53 X	85.32	-237
3.53 X	88.49	-238
3.53 X	91.67	-239
3.53 X	94.84	-240
3.53 X	98.02	-241
3.53 X	101.19	-242
3.53 X	104.37	-243
3.53 X	107.54	-244
3.53 X	110.72	-245
3.53 X	113.89	-246
3.53 X	117.07	-247
3.53 X	120.24	-248
3.53 X	123.42	-249
3.53 X	126.59	-250
3.53 X	129.77	-251
3.53 X	132.94	-252
3.53 X	136.12	-253
3.53 X	139.29	-254
3.53 X	142.47	-255
3.53 X	145.64	-256
3.53 X	148.82	-257
3.53 X	151.99	-258
3.53 X	158.34	-259
3.53 X	158.82	
3.53 X	164.69	-260

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
3.53 X	171.04	-261
3.53 X	177.39	-262
3.53 X	183.74	-263
3.53 X	190.09	-264
3.53 X	196.44	-265
3.53 X	202.79	-266
3.53 X	209.14	-267
3.53 X	215.49	-268
3.53 X	221.84	-269
3.53 X	228.19	-270
3.53 X	234.54	-271
3.53 X	240.89	-272
3.53 X	247.24	-273
3.53 X	253.59	-274
3.53 X	266.29	-275
3.53 X	278.99	-276
3.53 X	291.69	-277
3.53 X	304.39	-278
3.53 X	319.20	
3.53 X	329.79	-279
3.53 X	355.19	-280
3.53 X	380.59	-281
3.53 X	405.26	-282
3.53 X	430.66	-283
3.53 X	456.06	-284
3.55 X	18.00	
3.55 X	19.00	
3.55 X	20.00	
3.55 X	21.20	
3.55 X	22.40	
3.55 X	23.60	
3.55 X	25.00	
3.55 X	25.80	
3.55 X	26.50	
3.55 X	28.00	
3.55 X	30.00	
3.55 X	31.50	
3.55 X	32.50	
3.55 X	33.50	
3.55 X	34.50	
3.55 X	35.50	
3.55 X	36.50	
3.55 X	37.50	
3.55 X	38.70	
3.55 X	40.00	
3.55 X	41.20	
3.55 X	42.50	
3.55 X	43.70	
3.55 X	45.00	
3.55 X	46.20	
3.55 X	47.50	
3.55 X	48.70	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
3.55 X	50.00	
3.55 X	51.50	
3.55 X	53.00	
3.55 X	54.50	
3.55 X	56.00	
3.55 X	58.00	
3.55 X	60.00	
3.55 X	61.50	
3.55 X	63.00	
3.55 X	65.00	
3.55 X	67.00	
3.55 X	69.00	
3.55 X	71.00	
3.55 X	73.00	
3.55 X	75.00	
3.55 X	77.50	
3.55 X	80.00	
3.55 X	82.50	
3.55 X	85.00	
3.55 X	87.50	
3.55 X	90.00	
3.55 X	92.50	
3.55 X	95.00	
3.55 X	97.50	
3.55 X	100.00	
3.55 X	103.00	
3.55 X	106.00	
3.55 X	109.00	
3.55 X	112.00	
3.55 X	115.00	
3.55 X	118.00	
3.55 X	122.00	
3.55 X	125.00	
3.55 X	128.00	
3.55 X	132.00	
3.55 X	136.00	
3.55 X	140.00	
3.55 X	145.00	
3.55 X	150.00	
3.55 X	155.00	
3.55 X	160.00	
3.55 X	165.00	
3.55 X	170.00	
3.55 X	175.00	
3.55 X	180.00	
3.55 X	185.00	
3.55 X	190.00	
3.55 X	195.00	
3.55 X	200.00	
3.60 X	18.30	
3.60 X	19.80	
3.60 X	21.30	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
3.60 X	23.00	
3.60 X	24.60	
3.60 X	26.20	
3.60 X	27.80	
3.60 X	29.30	
3.60 X	30.80	
3.60 X	32.50	
3.60 X	34.10	
3.60 X	35.60	
3.60 X	37.30	
3.60 X	43.40	
4.00 X	4.00	
4.00 X	5.00	
4.00 X	6.00	
4.00 X	7.00	
4.00 X	7.60	
4.00 X	8.00	
4.00 X	9.00	
4.00 X	10.00	
4.00 X	11.00	
4.00 X	12.00	
4.00 X	13.00	
4.00 X	14.00	
4.00 X	14.50	V15
4.00 X	15.00	
4.00 X	16.00	
4.00 X	17.00	
4.00 X	18.00	
4.00 X	19.00	
4.00 X	20.00	
4.00 X	21.00	
4.00 X	22.00	
4.00 X	23.00	
4.00 X	23.50	V24
4.00 X	24.00	
4.00 X	25.00	
4.00 X	26.00	
4.00 X	27.00	
4.00 X	28.00	
4.00 X	29.00	
4.00 X	30.00	
4.00 X	31.00	
4.00 X	32.00	
4.00 X	33.00	
4.00 X	33.50	V34
4.00 X	34.00	
4.00 X	35.00	
4.00 X	36.00	
4.00 X	37.00	
4.00 X	38.00	
4.00 X	39.00	
4.00 X	39.50	V40

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
4.00 X	40.00	
4.00 X	41.00	
4.00 X	42.00	
4.00 X	43.00	
4.00 X	44.00	
4.00 X	45.00	
4.00 X	46.00	
4.00 X	47.00	
4.00 X	48.00	
4.00 X	49.00	
4.00 X	50.00	
4.00 X	51.00	
4.00 X	52.00	
4.00 X	53.00	
4.00 X	54.00	
4.00 X	54.50	V55
4.00 X	55.00	
4.00 X	56.00	
4.00 X	57.00	
4.00 X	58.00	
4.00 X	59.00	
4.00 X	60.00	
4.00 X	61.00	
4.00 X	62.00	
4.00 X	63.00	
4.00 X	64.00	
4.00 X	65.00	
4.00 X	66.00	
4.00 X	67.00	
4.00 X	68.00	
4.00 X	69.00	V70
4.00 X	70.00	
4.00 X	71.00	
4.00 X	72.00	
4.00 X	73.00	
4.00 X	74.00	
4.00 X	75.00	
4.00 X	76.00	
4.00 X	77.00	
4.00 X	78.00	
4.00 X	79.00	
4.00 X	80.00	
4.00 X	81.00	
4.00 X	82.00	
4.00 X	83.00	
4.00 X	84.00	V85
4.00 X	85.00	
4.00 X	86.00	
4.00 X	86.50	
4.00 X	87.00	
4.00 X	88.00	
4.00 X	89.00	
4.00 X	90.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
4.00 X	91.00	
4.00 X	92.00	
4.00 X	93.00	
4.00 X	94.00	
4.00 X	95.00	
4.00 X	96.00	
4.00 X	97.00	
4.00 X	98.00	
4.00 X	99.00	V100
4.00 X	100.00	
4.00 X	101.00	
4.00 X	102.00	
4.00 X	103.00	
4.00 X	104.00	
4.00 X	105.00	
4.00 X	106.00	
4.00 X	107.00	
4.00 X	108.00	
4.00 X	109.00	
4.00 X	110.00	
4.00 X	111.00	
4.00 X	112.00	
4.00 X	113.00	
4.00 X	114.00	
4.00 X	115.00	
4.00 X	116.00	
4.00 X	117.00	
4.00 X	118.00	
4.00 X	119.00	V120
4.00 X	120.00	
4.00 X	121.00	
4.00 X	122.00	
4.00 X	123.00	
4.00 X	124.00	
4.00 X	125.00	
4.00 X	126.00	
4.00 X	127.00	
4.00 X	128.00	
4.00 X	129.00	
4.00 X	130.00	
4.00 X	131.00	
4.00 X	132.00	
4.00 X	133.00	
4.00 X	134.00	
4.00 X	135.00	
4.00 X	136.00	
4.00 X	137.00	
4.00 X	138.00	
4.00 X	139.00	
4.00 X	140.00	
4.00 X	141.00	
4.00 X	142.00	
4.00 X	143.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
4.00 X	144.00	
4.00 X	145.00	
4.00 X	146.00	
4.00 X	147.00	
4.00 X	148.00	
4.00 X	148.50	V150
4.00 X	149.00	
4.00 X	150.00	
4.00 X	151.00	
4.00 X	152.00	
4.00 X	153.00	
4.00 X	154.00	
4.00 X	155.00	
4.00 X	156.00	
4.00 X	157.00	
4.00 X	158.00	
4.00 X	159.00	
4.00 X	160.00	
4.00 X	161.00	
4.00 X	162.00	
4.00 X	163.00	
4.00 X	164.00	
4.00 X	165.00	
4.00 X	166.00	
4.00 X	167.00	
4.00 X	168.00	
4.00 X	169.00	
4.00 X	170.00	
4.00 X	171.00	
4.00 X	172.00	
4.00 X	173.00	V175
4.00 X	174.00	
4.00 X	175.00	
4.00 X	176.00	
4.00 X	177.00	
4.00 X	178.00	
4.00 X	179.00	
4.00 X	180.00	
4.00 X	181.00	
4.00 X	182.00	
4.00 X	183.00	
4.00 X	184.00	
4.00 X	185.00	
4.00 X	186.00	
4.00 X	187.00	
4.00 X	188.00	
4.00 X	189.00	
4.00 X	190.00	
4.00 X	191.00	
4.00 X	192.00	
4.00 X	193.00	
4.00 X	194.00	
4.00 X	195.00	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
4.00 X	196.00	
4.00 X	197.00	
4.00 X	198.00	
4.00 X	199.00	
4.00 X	200.00	
4.00 X	201.00	
4.00 X	202.00	
4.00 X	203.00	
4.00 X	204.00	
4.00 X	205.00	
4.00 X	206.00	
4.00 X	207.00	
4.00 X	208.00	
4.00 X	209.00	
4.00 X	210.00	
4.00 X	211.00	
4.00 X	212.00	
4.00 X	213.00	
4.00 X	214.00	
4.00 X	215.00	
4.00 X	216.00	
4.00 X	217.00	
4.00 X	218.00	
4.00 X	219.00	
4.00 X	220.00	
4.00 X	221.00	
4.00 X	222.00	
4.00 X	223.00	
4.00 X	224.00	
4.00 X	225.00	
4.00 X	226.00	
4.00 X	227.00	
4.00 X	228.00	
4.00 X	229.00	
4.00 X	230.00	
4.00 X	231.00	
4.00 X	232.00	
4.00 X	233.00	
4.00 X	234.00	
4.00 X	235.00	
4.00 X	236.00	
4.00 X	237.00	
4.00 X	238.00	
4.00 X	239.00	
4.00 X	240.00	
4.00 X	241.00	
4.00 X	242.00	
4.00 X	243.00	
4.00 X	244.00	
4.00 X	245.00	
4.00 X	246.00	
4.00 X	247.00	
4.00 X	248.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
4.00 X	249.00	
4.00 X	250.00	
4.00 X	251.00	
4.00 X	252.00	
4.00 X	253.00	
4.00 X	254.00	
4.00 X	255.00	
4.00 X	256.00	
4.00 X	257.00	
4.00 X	258.00	
4.00 X	259.00	
4.00 X	260.00	
4.00 X	261.00	
4.00 X	262.00	
4.00 X	263.00	
4.00 X	264.00	
4.00 X	265.00	
4.00 X	266.00	
4.00 X	267.00	
4.00 X	268.00	
4.00 X	269.00	
4.00 X	270.00	
4.00 X	271.00	
4.00 X	272.00	
4.00 X	273.00	
4.00 X	274.00	
4.00 X	275.00	
4.00 X	276.00	
4.00 X	277.00	
4.00 X	278.00	
4.00 X	279.00	
4.00 X	280.00	
4.00 X	281.00	
4.00 X	282.00	
4.00 X	283.00	
4.00 X	284.00	
4.00 X	285.00	
4.00 X	286.00	
4.00 X	287.00	
4.00 X	288.00	
4.00 X	289.00	
4.00 X	290.00	
4.00 X	291.00	
4.00 X	292.00	
4.00 X	293.00	
4.00 X	294.00	
4.00 X	295.00	
4.00 X	296.00	
4.00 X	297.00	
4.00 X	298.00	
4.00 X	299.00	
4.00 X	300.00	
4.00 X	301.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
4.00 X	302.00	
4.00 X	303.00	
4.00 X	304.00	
4.00 X	305.00	
4.00 X	306.00	
4.00 X	307.00	
4.00 X	308.00	
4.00 X	309.00	
4.00 X	310.00	
4.00 X	311.00	
4.00 X	312.00	
4.00 X	313.00	
4.00 X	314.00	
4.00 X	315.00	
4.00 X	316.00	
4.00 X	317.00	
4.00 X	318.00	
4.00 X	319.00	
4.00 X	320.00	
4.00 X	321.00	
4.00 X	322.00	
4.00 X	323.00	
4.00 X	324.00	
4.00 X	325.00	
4.00 X	326.00	
4.00 X	327.00	
4.00 X	328.00	
4.00 X	329.00	
4.00 X	330.00	
4.00 X	331.00	
4.00 X	332.00	
4.00 X	333.00	
4.00 X	334.00	
4.00 X	335.00	
4.00 X	336.00	
4.00 X	337.00	
4.00 X	338.00	
4.00 X	339.00	
4.00 X	340.00	
4.00 X	341.00	
4.00 X	342.00	
4.00 X	343.00	
4.00 X	344.00	
4.00 X	345.00	
4.00 X	346.00	
4.00 X	347.00	
4.00 X	348.00	
4.00 X	349.00	
4.00 X	350.00	
4.00 X	351.00	
4.00 X	352.00	
4.00 X	353.00	
4.00 X	354.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
4.00 X	355.00	
4.00 X	356.00	
4.00 X	357.00	
4.00 X	358.00	
4.00 X	359.00	
4.00 X	360.00	
4.00 X	361.00	
4.00 X	362.00	
4.00 X	363.00	
4.00 X	364.00	
4.00 X	365.00	
4.00 X	366.00	
4.00 X	367.00	
4.00 X	368.00	
4.00 X	369.00	
4.00 X	370.00	
4.00 X	371.00	
4.00 X	372.00	
4.00 X	373.00	
4.00 X	374.00	
4.00 X	375.00	
4.00 X	376.00	
4.00 X	377.00	
4.00 X	378.00	
4.00 X	379.00	
4.00 X	380.00	
4.00 X	381.00	
4.00 X	382.00	
4.00 X	383.00	
4.00 X	384.00	
4.00 X	385.00	
4.00 X	386.00	
4.00 X	387.00	
4.00 X	388.00	
4.00 X	389.00	
4.00 X	390.00	
4.00 X	391.00	
4.00 X	392.00	
4.00 X	393.00	
4.00 X	394.00	
4.00 X	395.00	
4.00 X	396.00	
4.00 X	397.00	
4.00 X	398.00	
4.00 X	399.00	
4.00 X	400.00	
4.00 X	401.00	
4.00 X	402.00	
4.00 X	403.00	
4.00 X	404.00	
4.00 X	405.00	
4.00 X	406.00	
4.00 X	407.00	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
4.00 X	408.00	
4.00 X	409.00	
4.00 X	410.00	
4.00 X	411.00	
4.00 X	412.00	
4.00 X	413.00	
4.00 X	414.00	
4.00 X	415.00	
4.00 X	416.00	
4.00 X	417.00	
4.00 X	418.00	
4.00 X	419.00	
4.00 X	420.00	
4.00 X	421.00	
4.00 X	422.00	
4.00 X	423.00	
4.00 X	424.00	
4.00 X	425.00	
4.00 X	426.00	
4.00 X	427.00	
4.00 X	428.00	
4.00 X	429.00	
4.00 X	430.00	
4.00 X	431.00	
4.00 X	432.00	
4.00 X	433.00	
4.00 X	434.00	
4.00 X	435.00	
4.00 X	436.00	
4.00 X	437.00	
4.00 X	438.00	
4.00 X	439.00	
4.00 X	440.00	
4.00 X	441.00	
4.00 X	442.00	
4.00 X	443.00	
4.00 X	444.00	
4.00 X	445.00	
4.00 X	446.00	
4.00 X	447.00	
4.00 X	448.00	
4.00 X	449.00	
4.00 X	450.00	
4.00 X	451.00	
4.00 X	452.00	
4.00 X	453.00	
4.00 X	454.00	
4.00 X	455.00	
4.00 X	456.00	
4.00 X	457.00	
4.00 X	458.00	
4.00 X	459.00	
4.00 X	460.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
4.00 X	461.00	
4.00 X	462.00	
4.00 X	463.00	
4.00 X	464.00	
4.00 X	465.00	
4.00 X	466.00	
4.00 X	467.00	
4.00 X	468.00	
4.00 X	469.00	
4.00 X	470.00	
4.00 X	471.00	
4.00 X	472.00	
4.00 X	473.00	
4.00 X	474.00	
4.00 X	475.00	
4.00 X	476.00	
4.00 X	477.00	
4.00 X	478.00	
4.00 X	479.00	
4.00 X	480.00	
4.00 X	481.00	
4.00 X	482.00	
4.00 X	483.00	
4.00 X	484.00	
4.00 X	485.00	
4.00 X	486.00	
4.00 X	487.00	
4.00 X	488.00	
4.00 X	489.00	
4.00 X	490.00	
4.00 X	491.00	
4.00 X	492.00	
4.00 X	493.00	
4.00 X	494.00	
4.00 X	495.00	
4.00 X	496.00	
4.00 X	497.00	
4.00 X	498.00	
4.00 X	499.00	
4.00 X	500.00	
4.20 X	139.00	
4.50 X	6.00	
4.50 X	8.00	
4.50 X	9.00	
4.50 X	9.50	
4.50 X	10.00	
4.50 X	10.50	
4.50 X	11.00	
4.50 X	12.00	
4.50 X	13.00	
4.50 X	15.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
4.50 X	15.50	
4.50 X	16.00	
4.50 X	17.00	
4.50 X	18.00	
4.50 X	19.00	
4.50 X	20.00	
4.50 X	21.00	
4.50 X	21.50	
4.50 X	22.00	
4.50 X	22.50	
4.50 X	23.00	
4.50 X	24.00	
4.50 X	24.50	
4.50 X	25.00	
4.50 X	26.00	
4.50 X	27.00	
4.50 X	27.50	
4.50 X	28.00	
4.50 X	28.50	
4.50 X	29.00	
4.50 X	29.50	
4.50 X	30.00	
4.50 X	31.00	
4.50 X	31.50	
4.50 X	32.00	
4.50 X	33.00	
4.50 X	34.00	
4.50 X	34.50	
4.50 X	35.00	
4.50 X	35.50	
4.50 X	36.00	
4.50 X	37.00	
4.50 X	37.50	
4.50 X	38.00	
4.50 X	39.00	
4.50 X	40.00	
4.50 X	40.50	
4.50 X	41.00	
4.50 X	42.00	
4.50 X	43.00	
4.50 X	44.00	
4.50 X	45.00	
4.50 X	46.00	
4.50 X	47.00	
4.50 X	48.00	
4.50 X	49.00	
4.50 X	50.00	
4.50 X	51.00	
4.50 X	53.00	
4.50 X	56.00	
4.50 X	57.00	
4.50 X	60.00	
4.50 X	61.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
4.50 X	62.00	
4.50 X	63.00	
4.50 X	64.00	
4.50 X	65.00	
4.50 X	66.00	
4.50 X	68.00	
4.50 X	69.00	
4.50 X	70.00	
4.50 X	71.00	
4.50 X	73.00	
4.50 X	74.00	
4.50 X	75.00	
4.50 X	76.00	
4.50 X	80.00	
4.50 X	81.00	
4.50 X	83.00	
4.50 X	85.00	
4.50 X	86.00	
4.50 X	89.00	
4.50 X	90.00	
4.50 X	92.00	
4.50 X	93.50	
4.50 X	95.00	
4.50 X	97.50	
4.50 X	98.00	
4.50 X	99.50	
4.50 X	100.00	
4.50 X	100.50	
4.50 X	101.00	
4.50 X	103.50	
4.50 X	105.00	
4.50 X	106.00	
4.50 X	110.00	
4.50 X	115.00	
4.50 X	118.00	
4.50 X	120.00	
4.50 X	122.00	
4.50 X	124.00	
4.50 X	126.00	
4.50 X	128.00	
4.50 X	130.00	
4.50 X	131.50	
4.50 X	134.50	
4.50 X	137.00	
4.50 X	140.00	
4.50 X	140.50	
4.50 X	150.00	
4.50 X	153.00	
4.50 X	155.00	
4.50 X	157.00	
4.50 X	160.00	
4.50 X	165.00	
4.50 X	172.00	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
4.50	X 178.00	
4.50	X 180.00	
4.50	X 185.00	
4.50	X 186.00	
4.50	X 189.50	
4.50	X 192.00	
4.50	X 208.00	
4.50	X 215.00	
4.50	X 218.50	
4.50	X 225.00	
4.50	X 227.00	
4.50	X 250.00	
4.50	X 267.00	
4.50	X 280.00	
4.50	X 315.00	
4.76	X 7.93	
5.00	X 4.00	
5.00	X 5.00	
5.00	X 6.00	
5.00	X 7.00	
5.00	X 8.00	
5.00	X 9.00	
5.00	X 10.00	
5.00	X 11.00	
5.00	X 12.00	
5.00	X 13.00	
5.00	X 14.00	
5.00	X 15.00	
5.00	X 16.00	
5.00	X 17.00	
5.00	X 18.00	
5.00	X 19.00	
5.00	X 20.00	
5.00	X 21.00	
5.00	X 22.00	
5.00	X 23.00	
5.00	X 24.00	
5.00	X 25.00	
5.00	X 26.00	
5.00	X 27.00	
5.00	X 28.00	
5.00	X 29.00	
5.00	X 30.00	
5.00	X 31.00	
5.00	X 32.00	
5.00	X 33.00	
5.00	X 34.00	
5.00	X 35.00	
5.00	X 36.00	
5.00	X 37.00	
5.00	X 38.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
5.00	X 39.00	
5.00	X 40.00	
5.00	X 41.00	
5.00	X 42.00	
5.00	X 43.00	
5.00	X 44.00	
5.00	X 45.00	
5.00	X 46.00	
5.00	X 47.00	
5.00	X 48.00	
5.00	X 49.00	
5.00	X 50.00	
5.00	X 51.00	
5.00	X 52.00	
5.00	X 53.00	
5.00	X 54.00	
5.00	X 55.00	
5.00	X 56.00	
5.00	X 57.00	
5.00	X 58.00	
5.00	X 59.00	
5.00	X 60.00	
5.00	X 61.00	
5.00	X 62.00	
5.00	X 63.00	
5.00	X 64.00	
5.00	X 65.00	
5.00	X 66.00	
5.00	X 67.00	
5.00	X 68.00	
5.00	X 69.00	
5.00	X 70.00	
5.00	X 71.00	
5.00	X 72.00	
5.00	X 73.00	
5.00	X 74.00	
5.00	X 75.00	
5.00	X 76.00	
5.00	X 77.00	
5.00	X 78.00	
5.00	X 79.00	
5.00	X 80.00	
5.00	X 81.00	
5.00	X 82.00	
5.00	X 83.00	
5.00	X 84.00	
5.00	X 85.00	
5.00	X 86.00	
5.00	X 87.00	
5.00	X 88.00	
5.00	X 89.00	
5.00	X 90.00	
5.00	X 91.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
5.00	X 92.00	
5.00	X 93.00	
5.00	X 94.00	
5.00	X 95.00	
5.00	X 96.00	
5.00	X 97.00	
5.00	X 98.00	
5.00	X 99.00	
5.00	X 100.00	
5.00	X 101.00	
5.00	X 102.00	
5.00	X 103.00	
5.00	X 104.00	
5.00	X 105.00	
5.00	X 106.00	
5.00	X 107.00	
5.00	X 108.00	
5.00	X 109.00	
5.00	X 110.00	
5.00	X 111.00	
5.00	X 112.00	
5.00	X 113.00	
5.00	X 114.00	
5.00	X 115.00	
5.00	X 116.00	
5.00	X 117.00	
5.00	X 118.00	
5.00	X 119.00	
5.00	X 120.00	
5.00	X 121.00	
5.00	X 122.00	
5.00	X 123.00	
5.00	X 124.00	
5.00	X 125.00	
5.00	X 126.00	
5.00	X 127.00	
5.00	X 128.00	
5.00	X 129.00	
5.00	X 130.00	
5.00	X 131.00	
5.00	X 132.00	
5.00	X 133.00	
5.00	X 134.00	
5.00	X 135.00	
5.00	X 136.00	
5.00	X 137.00	
5.00	X 138.00	
5.00	X 139.00	
5.00	X 140.00	
5.00	X 141.00	
5.00	X 142.00	
5.00	X 143.00	
5.00	X 144.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
5.00	X 145.00	
5.00	X 146.00	
5.00	X 147.00	
5.00	X 148.00	
5.00	X 149.00	
5.00	X 150.00	
5.00	X 151.00	
5.00	X 152.00	
5.00	X 153.00	
5.00	X 154.00	
5.00	X 155.00	
5.00	X 156.00	
5.00	X 157.00	
5.00	X 158.00	
5.00	X 159.00	
5.00	X 160.00	
5.00	X 161.00	
5.00	X 162.00	
5.00	X 163.00	
5.00	X 164.00	
5.00	X 165.00	
5.00	X 166.00	
5.00	X 167.00	
5.00	X 168.00	
5.00	X 169.00	
5.00	X 170.00	
5.00	X 171.00	
5.00	X 172.00	
5.00	X 173.00	
5.00	X 174.00	
5.00	X 175.00	
5.00	X 176.00	
5.00	X 177.00	
5.00	X 178.00	
5.00	X 179.00	
5.00	X 180.00	
5.00	X 181.00	
5.00	X 182.00	
5.00	X 183.00	
5.00	X 184.00	
5.00	X 185.00	
5.00	X 186.00	
5.00	X 187.00	
5.00	X 188.00	
5.00	X 189.00	
5.00	X 190.00	
5.00	X 191.00	
5.00	X 192.00	
5.00	X 193.00	
5.00	X 194.00	
5.00	X 195.00	
5.00	X 196.00	
5.00	X 197.00	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
5.00 X	198.00	
5.00 X	199.00	
5.00 X	200.00	
5.00 X	201.00	
5.00 X	202.00	
5.00 X	203.00	
5.00 X	204.00	
5.00 X	205.00	
5.00 X	206.00	
5.00 X	207.00	
5.00 X	208.00	
5.00 X	209.00	
5.00 X	210.00	
5.00 X	211.00	
5.00 X	212.00	
5.00 X	213.00	
5.00 X	214.00	
5.00 X	215.00	
5.00 X	216.00	
5.00 X	217.00	
5.00 X	218.00	
5.00 X	219.00	
5.00 X	220.00	
5.00 X	221.00	
5.00 X	222.00	
5.00 X	223.00	
5.00 X	224.00	
5.00 X	225.00	
5.00 X	226.00	
5.00 X	227.00	
5.00 X	228.00	
5.00 X	229.00	
5.00 X	230.00	
5.00 X	231.00	
5.00 X	232.00	
5.00 X	233.00	
5.00 X	234.00	
5.00 X	235.00	
5.00 X	236.00	
5.00 X	237.00	
5.00 X	238.00	
5.00 X	239.00	
5.00 X	240.00	
5.00 X	241.00	
5.00 X	242.00	
5.00 X	243.00	
5.00 X	244.00	
5.00 X	245.00	
5.00 X	246.00	
5.00 X	247.00	
5.00 X	248.00	
5.00 X	249.00	
5.00 X	250.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
5.00 X	251.00	
5.00 X	252.00	
5.00 X	253.00	
5.00 X	254.00	
5.00 X	255.00	
5.00 X	256.00	
5.00 X	257.00	
5.00 X	258.00	
5.00 X	259.00	
5.00 X	260.00	
5.00 X	261.00	
5.00 X	262.00	
5.00 X	263.00	
5.00 X	264.00	
5.00 X	265.00	
5.00 X	266.00	
5.00 X	267.00	
5.00 X	268.00	
5.00 X	269.00	
5.00 X	270.00	
5.00 X	271.00	
5.00 X	272.00	
5.00 X	273.00	
5.00 X	274.00	
5.00 X	275.00	
5.00 X	276.00	
5.00 X	277.00	
5.00 X	278.00	
5.00 X	279.00	
5.00 X	280.00	
5.00 X	281.00	
5.00 X	282.00	
5.00 X	283.00	
5.00 X	284.00	
5.00 X	285.00	
5.00 X	286.00	
5.00 X	287.00	
5.00 X	288.00	
5.00 X	289.00	
5.00 X	290.00	
5.00 X	291.00	
5.00 X	292.00	
5.00 X	293.00	
5.00 X	294.00	
5.00 X	295.00	
5.00 X	296.00	
5.00 X	297.00	
5.00 X	298.00	
5.00 X	299.00	
5.00 X	300.00	
5.00 X	301.00	
5.00 X	302.00	
5.00 X	303.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
5.00 X	304.00	
5.00 X	305.00	
5.00 X	306.00	
5.00 X	307.00	
5.00 X	308.00	
5.00 X	309.00	
5.00 X	310.00	
5.00 X	311.00	
5.00 X	312.00	
5.00 X	313.00	
5.00 X	314.00	
5.00 X	315.00	
5.00 X	316.00	
5.00 X	317.00	
5.00 X	318.00	
5.00 X	319.00	
5.00 X	320.00	
5.00 X	321.00	
5.00 X	322.00	
5.00 X	323.00	
5.00 X	324.00	
5.00 X	325.00	
5.00 X	326.00	
5.00 X	327.00	
5.00 X	328.00	
5.00 X	329.00	
5.00 X	330.00	
5.00 X	331.00	
5.00 X	332.00	
5.00 X	333.00	
5.00 X	334.00	
5.00 X	335.00	
5.00 X	336.00	
5.00 X	337.00	
5.00 X	338.00	
5.00 X	339.00	
5.00 X	340.00	
5.00 X	341.00	
5.00 X	342.00	
5.00 X	343.00	
5.00 X	344.00	
5.00 X	345.00	
5.00 X	346.00	
5.00 X	347.00	
5.00 X	348.00	
5.00 X	349.00	
5.00 X	350.00	
5.00 X	351.00	
5.00 X	352.00	
5.00 X	353.00	
5.00 X	354.00	
5.00 X	355.00	
5.00 X	356.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
5.00 X	357.00	
5.00 X	358.00	
5.00 X	359.00	
5.00 X	360.00	
5.00 X	361.00	
5.00 X	362.00	
5.00 X	363.00	
5.00 X	364.00	
5.00 X	365.00	
5.00 X	366.00	
5.00 X	367.00	
5.00 X	368.00	
5.00 X	369.00	
5.00 X	370.00	
5.00 X	371.00	
5.00 X	372.00	
5.00 X	373.00	
5.00 X	374.00	
5.00 X	375.00	
5.00 X	376.00	
5.00 X	377.00	
5.00 X	378.00	
5.00 X	379.00	
5.00 X	380.00	
5.00 X	381.00	
5.00 X	382.00	
5.00 X	383.00	
5.00 X	384.00	
5.00 X	385.00	
5.00 X	386.00	
5.00 X	387.00	
5.00 X	388.00	
5.00 X	389.00	
5.00 X	390.00	
5.00 X	391.00	
5.00 X	392.00	
5.00 X	393.00	
5.00 X	394.00	
5.00 X	395.00	
5.00 X	396.00	
5.00 X	397.00	
5.00 X	398.00	
5.00 X	399.00	
5.00 X	400.00	
5.00 X	415.00	
5.00 X	460.00	
5.00 X	470.00	
5.30 X	40.00	
5.30 X	41.20	
5.30 X	41.40	
5.30 X	42.50	
5.30 X	43.70	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
5.30 X	45.00	
5.30 X	46.20	
5.30 X	47.50	
5.30 X	48.70	
5.30 X	50.00	
5.30 X	51.50	
5.30 X	53.00	
5.30 X	54.40	
5.30 X	54.50	
5.30 X	56.00	
5.30 X	58.00	
5.30 X	60.00	
5.30 X	61.50	
5.30 X	63.00	
5.30 X	65.00	
5.30 X	67.00	
5.30 X	69.00	
5.30 X	71.00	
5.30 X	73.00	
5.30 X	75.00	
5.30 X	77.50	
5.30 X	80.00	
5.30 X	82.50	
5.30 X	85.00	
5.30 X	87.50	
5.30 X	90.00	
5.30 X	92.50	
5.30 X	95.00	
5.30 X	97.50	
5.30 X	100.00	
5.30 X	103.00	
5.30 X	106.00	
5.30 X	109.00	
5.30 X	112.00	
5.30 X	115.00	
5.30 X	118.00	
5.30 X	122.00	
5.30 X	125.00	
5.30 X	128.00	
5.30 X	132.00	
5.30 X	136.00	
5.30 X	140.00	
5.30 X	145.00	
5.30 X	150.00	
5.30 X	155.00	
5.30 X	160.00	
5.30 X	165.00	
5.30 X	170.00	
5.30 X	175.00	
5.30 X	180.00	
5.30 X	185.00	
5.30 X	190.00	
5.30 X	195.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
5.30 X	200.00	
5.33 X	10.46	-309
5.33 X	12.07	-310
5.33 X	13.64	-311
5.33 X	15.24	-312
5.33 X	16.81	-313
5.33 X	18.42	-314
5.33 X	19.99	-315
5.33 X	21.59	-316
5.33 X	23.16	-317
5.33 X	24.77	-318
5.33 X	26.34	-319
5.33 X	27.94	-320
5.33 X	29.51	-321
5.33 X	31.12	-322
5.33 X	32.69	-323
5.33 X	34.29	-324
5.33 X	37.47	-325
5.33 X	40.64	-326
5.33 X	43.82	-327
5.33 X	46.99	-328
5.33 X	50.17	-329
5.33 X	53.34	-330
5.33 X	56.52	-331
5.33 X	59.69	-332
5.33 X	62.87	-333
5.33 X	66.04	-334
5.33 X	69.22	-335
5.33 X	72.39	-336
5.33 X	74.63	BS619
5.33 X	75.57	-337
5.33 X	78.74	-338
5.33 X	79.73	BS620
5.33 X	81.92	-339
5.33 X	85.09	-340
5.33 X	88.27	-341
5.33 X	89.69	BS621
5.33 X	91.44	-342
5.33 X	94.62	-343
5.33 X	97.79	-344
5.33 X	100.00	BS622
5.33 X	100.97	-345
5.33 X	104.14	-346
5.33 X	107.32	-347
5.33 X	109.54	BS623
5.33 X	110.49	-348
5.33 X	113.67	-349
5.33 X	116.84	-350
5.33 X	117.48	BS860
5.33 X	120.02	-351
5.33 X	120.65	BS861
5.33 X	123.19	-352

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
5.33 X	123.83	BS862
5.33 X	126.37	-353
5.33 X	127.00	BS863
5.33 X	129.54	-354
5.33 X	130.18	BS864
5.33 X	132.72	-355
5.33 X	133.35	BS865
5.33 X	135.89	-356
5.33 X	136.53	BS866
5.33 X	139.07	-357
5.33 X	139.70	BS867
5.33 X	142.24	-358
5.33 X	142.88	BS868
5.33 X	145.42	-359
5.33 X	146.05	BS869
5.33 X	148.59	-360
5.33 X	149.23	BS870
5.33 X	151.77	-361
5.33 X	155.00	BS644
5.33 X	158.12	-362
5.33 X	161.30	BS645
5.33 X	164.47	-363
5.33 X	167.70	BS646
5.33 X	170.82	-364
5.33 X	174.00	BS647
5.33 X	177.17	-365
5.33 X	183.52	-366
5.33 X	189.87	-367
5.33 X	196.22	-368
5.33 X	202.57	-369
5.33 X	208.92	-370
5.33 X	215.27	-371
5.33 X	221.62	-372
5.33 X	227.97	-373
5.33 X	234.32	-374
5.33 X	240.67	-375
5.33 X	247.02	-376
5.33 X	253.37	-377
5.33 X	266.07	-378
5.33 X	278.77	-379
5.33 X	291.47	-380
5.33 X	291.69	
5.33 X	304.17	-381
5.33 X	329.57	-382
5.33 X	354.97	-383
5.33 X	380.37	-384
5.33 X	405.26	-385
5.33 X	430.66	-386
5.33 X	456.06	-387
5.33 X	481.46	-388
5.33 X	491.49	
5.33 X	506.86	-389
5.33 X	532.26	-390

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
5.33 X	557.66	-391
5.33 X	582.68	-392
5.33 X	608.08	-393
5.33 X	633.48	-394
5.33 X	658.88	-395
5.33 X	702.66	
5.50 X	34.00	
5.50 X	72.00	
5.50 X	75.00	
5.50 X	145.00	
5.70 X	24.20	
5.70 X	35.20	
5.70 X	36.20	
5.70 X	37.20	
5.70 X	39.20	
5.70 X	41.20	
5.70 X	44.20	
5.70 X	44.30	
5.70 X	45.20	
5.70 X	45.30	
5.70 X	47.20	
5.70 X	47.60	P48A
5.70 X	49.20	
5.70 X	49.30	
5.70 X	49.60	P50A
5.70 X	51.20	
5.70 X	51.60	P52
5.70 X	52.20	
5.70 X	52.30	
5.70 X	52.50	
5.70 X	52.60	P53
5.70 X	53.00	
5.70 X	54.20	
5.70 X	54.30	
5.70 X	54.60	P55
5.70 X	55.20	
5.70 X	55.30	
5.70 X	55.60	P56
5.70 X	57.20	
5.70 X	57.60	P58
5.70 X	59.20	
5.70 X	59.30	
5.70 X	59.60	P60
5.70 X	59.70	
5.70 X	61.20	
5.70 X	61.60	P62
5.70 X	62.00	
5.70 X	62.20	
5.70 X	62.30	
5.70 X	62.60	P63
5.70 X	64.00	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
5.70 X	64.20	
5.70 X	64.30	
5.70 X	64.60	P65
5.70 X	66.60	P67
5.70 X	67.20	
5.70 X	67.60	P68
5.70 X	69.00	
5.70 X	69.20	
5.70 X	69.30	
5.70 X	69.60	P70
5.70 X	70.20	
5.70 X	70.60	P71
5.70 X	71.20	
5.70 X	72.20	
5.70 X	72.30	
5.70 X	74.00	
5.70 X	74.20	
5.70 X	74.30	
5.70 X	74.60	P75
5.70 X	77.20	
5.70 X	79.00	
5.70 X	79.20	
5.70 X	79.30	
5.70 X	79.60	P80
5.70 X	81.20	
5.70 X	82.20	
5.70 X	84.00	
5.70 X	84.10	
5.70 X	84.20	
5.70 X	84.30	
5.70 X	84.60	P85
5.70 X	87.20	
5.70 X	89.00	
5.70 X	89.10	
5.70 X	89.20	
5.70 X	89.30	
5.70 X	89.60	P90
5.70 X	92.20	
5.70 X	94.00	
5.70 X	94.10	
5.70 X	94.20	
5.70 X	94.30	
5.70 X	94.60	P95
5.70 X	97.20	
5.70 X	99.00	
5.70 X	99.10	
5.70 X	99.20	
5.70 X	99.30	
5.70 X	99.60	P100
5.70 X	101.60	P102
5.70 X	104.00	
5.70 X	104.10	
5.70 X	104.20	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
5.70 X	104.30	
5.70 X	104.60	P105
5.70 X	109.00	
5.70 X	109.10	
5.70 X	109.20	
5.70 X	109.30	
5.70 X	109.60	P110
5.70 X	111.60	P112
5.70 X	114.00	
5.70 X	114.20	
5.70 X	114.30	
5.70 X	114.60	P115
5.70 X	119.00	
5.70 X	119.20	
5.70 X	119.30	
5.70 X	119.50	
5.70 X	119.60	P120
5.70 X	124.00	
5.70 X	124.30	
5.70 X	124.60	P125
5.70 X	125.30	
5.70 X	129.20	
5.70 X	129.30	
5.70 X	129.60	P130
5.70 X	131.60	P132
5.70 X	132.20	
5.70 X	133.20	
5.70 X	134.20	
5.70 X	134.30	
5.70 X	134.60	P135
5.70 X	139.20	
5.70 X	139.30	
5.70 X	139.60	P140
5.70 X	144.20	
5.70 X	144.30	
5.70 X	144.60	P145
5.70 X	149.20	
5.70 X	149.30	G150
5.70 X	149.60	P150
5.70 X	154.30	G155
5.70 X	159.30	G160
5.70 X	164.20	
5.70 X	164.30	G165
5.70 X	168.00	
5.70 X	169.30	G170
5.70 X	174.20	
5.70 X	174.30	G175
5.70 X	179.30	G180
5.70 X	184.30	G185
5.70 X	189.20	
5.70 X	189.30	G190
5.70 X	194.20	
5.70 X	194.30	G195

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
5.70 X	199.20	
5.70 X	199.30	G200
5.70 X	204.20	
5.70 X	209.20	
5.70 X	209.30	G210
5.70 X	219.30	G220
5.70 X	229.30	G230
5.70 X	234.30	
5.70 X	239.30	G240
5.70 X	249.30	G250
5.70 X	259.30	G260
5.70 X	269.30	G270
5.70 X	279.30	G280
5.70 X	289.20	
5.70 X	289.30	G290
5.70 X	299.30	G300
5.70 X	319.30	
5.70 X	329.30	
5.70 X	339.30	
5.70 X	349.30	
5.70 X	359.30	
5.70 X	379.30	
5.70 X	399.30	
5.70 X	419.30	
5.70 X	439.30	
5.70 X	449.20	
5.70 X	459.30	
5.70 X	479.30	
5.70 X	499.30	
5.70 X	519.30	
5.70 X	529.30	
5.70 X	594.00	
5.70 X	594.30	
5.70 X	725.00	
5.80 X	11.70	
5.80 X	218.00	
6.00 X	6.00	
6.00 X	7.00	
6.00 X	9.00	
6.00 X	10.00	
6.00 X	11.00	
6.00 X	12.00	
6.00 X	13.00	
6.00 X	14.00	
6.00 X	15.00	
6.00 X	16.00	
6.00 X	18.00	
6.00 X	19.00	
6.00 X	19.50	
6.00 X	20.00	
6.00 X	21.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
6.00 X	22.00	
6.00 X	23.00	
6.00 X	23.50	
6.00 X	24.00	
6.00 X	25.00	
6.00 X	26.00	
6.00 X	27.00	
6.00 X	28.00	
6.00 X	29.00	
6.00 X	30.00	
6.00 X	31.00	
6.00 X	32.00	
6.00 X	33.00	
6.00 X	34.00	
6.00 X	35.00	
6.00 X	36.00	
6.00 X	37.00	
6.00 X	38.00	
6.00 X	39.00	
6.00 X	39.50	
6.00 X	40.00	
6.00 X	41.00	
6.00 X	41.50	
6.00 X	42.00	
6.00 X	43.00	
6.00 X	44.00	
6.00 X	44.50	
6.00 X	45.00	
6.00 X	46.00	
6.00 X	47.00	
6.00 X	48.00	
6.00 X	49.00	
6.00 X	50.00	
6.00 X	51.00	
6.00 X	52.00	
6.00 X	53.00	
6.00 X	54.00	
6.00 X	55.00	
6.00 X	56.00	
6.00 X	57.00	
6.00 X	58.00	
6.00 X	59.50	
6.00 X	60.00	
6.00 X	61.00	
6.00 X	62.00	
6.00 X	63.00	
6.00 X	64.00	
6.00 X	65.00	
6.00 X	66.00	
6.00 X	67.00	
6.00 X	68.00	
6.00 X	69.00	
6.00 X	70.00	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
6.00 X	72.00	
6.00 X	73.00	
6.00 X	74.00	
6.00 X	75.00	
6.00 X	76.00	
6.00 X	78.00	
6.00 X	78.50	
6.00 X	79.00	
6.00 X	80.00	
6.00 X	81.00	
6.00 X	81.50	
6.00 X	84.00	
6.00 X	85.00	
6.00 X	86.00	
6.00 X	88.00	
6.00 X	90.00	
6.00 X	92.00	
6.00 X	93.00	
6.00 X	95.00	
6.00 X	96.00	
6.00 X	98.00	
6.00 X	99.00	
6.00 X	100.00	
6.00 X	101.00	
6.00 X	103.00	
6.00 X	104.00	
6.00 X	104.50	
6.00 X	105.00	
6.00 X	106.00	
6.00 X	108.00	
6.00 X	110.00	
6.00 X	111.00	
6.00 X	112.00	
6.00 X	114.00	
6.00 X	115.00	
6.00 X	118.00	
6.00 X	120.00	
6.00 X	122.00	
6.00 X	123.00	
6.00 X	124.00	
6.00 X	125.00	
6.00 X	126.00	
6.00 X	128.00	
6.00 X	130.00	
6.00 X	132.00	
6.00 X	134.00	
6.00 X	135.00	
6.00 X	136.00	
6.00 X	138.00	
6.00 X	139.20	
6.00 X	140.00	
6.00 X	142.00	
6.00 X	143.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
6.00 X	145.00	
6.00 X	146.00	
6.00 X	148.00	
6.00 X	150.00	
6.00 X	153.00	
6.00 X	154.00	
6.00 X	155.00	
6.00 X	155.50	
6.00 X	156.00	
6.00 X	157.00	
6.00 X	158.00	
6.00 X	159.00	
6.00 X	160.00	
6.00 X	162.00	
6.00 X	165.00	
6.00 X	166.00	
6.00 X	169.00	
6.00 X	170.00	
6.00 X	172.00	
6.00 X	175.00	
6.00 X	176.00	
6.00 X	180.00	
6.00 X	182.00	
6.00 X	184.00	
6.00 X	185.00	
6.00 X	188.00	
6.00 X	190.00	
6.00 X	191.20	
6.00 X	193.00	
6.00 X	195.00	
6.00 X	196.00	
6.00 X	198.00	
6.00 X	200.00	
6.00 X	201.00	
6.00 X	202.00	
6.00 X	203.00	
6.00 X	203.50	
6.00 X	204.00	
6.00 X	205.00	
6.00 X	206.00	
6.00 X	208.00	
6.00 X	210.00	
6.00 X	212.00	
6.00 X	215.00	
6.00 X	216.00	
6.00 X	217.00	
6.00 X	218.00	
6.00 X	220.00	
6.00 X	221.00	
6.00 X	222.50	V225
6.00 X	225.00	
6.00 X	226.00	
6.00 X	229.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
6.00 X	230.00	
6.00 X	235.00	
6.00 X	236.00	
6.00 X	237.00	
6.00 X	237.50	
6.00 X	238.00	
6.00 X	240.00	
6.00 X	242.00	
6.00 X	244.00	
6.00 X	247.00	
6.00 X	249.00	
6.00 X	250.00	
6.00 X	258.00	
6.00 X	259.00	
6.00 X	260.00	
6.00 X	262.00	
6.00 X	265.00	
6.00 X	266.00	
6.00 X	270.00	
6.00 X	272.00	V275
6.00 X	278.00	
6.00 X	280.00	
6.00 X	284.00	
6.00 X	285.00	
6.00 X	288.00	
6.00 X	290.00	
6.00 X	294.00	
6.00 X	295.00	
6.00 X	300.00	
6.00 X	301.00	
6.00 X	305.00	
6.00 X	310.00	
6.00 X	311.00	
6.00 X	315.00	
6.00 X	320.00	
6.00 X	321.50	V325
6.00 X	324.00	
6.00 X	325.00	
6.00 X	330.00	
6.00 X	333.00	
6.00 X	335.00	
6.00 X	338.00	
6.00 X	340.00	
6.00 X	345.00	
6.00 X	347.00	
6.00 X	348.00	
6.00 X	350.00	
6.00 X	355.00	
6.00 X	358.00	
6.00 X	360.00	
6.00 X	365.00	
6.00 X	368.00	
6.00 X	370.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
6.00 X	375.00	
6.00 X	376.00	V380
6.00 X	380.00	
6.00 X	385.00	
6.00 X	386.00	
6.00 X	388.00	
6.00 X	389.00	
6.00 X	390.00	
6.00 X	392.00	
6.00 X	394.00	
6.00 X	395.00	
6.00 X	398.00	
6.00 X	400.00	
6.00 X	415.00	
6.00 X	422.00	
6.00 X	425.50	V430
6.00 X	429.00	
6.00 X	446.00	
6.00 X	448.00	
6.00 X	450.00	
6.00 X	453.00	
6.00 X	470.00	
6.00 X	478.00	
6.00 X	480.00	
6.00 X	483.00	
6.00 X	486.00	
6.00 X	489.00	
6.00 X	500.00	
6.00 X	504.00	
6.00 X	505.00	
6.00 X	508.00	
6.00 X	510.00	
6.00 X	516.00	
6.00 X	530.00	
6.00 X	540.00	
6.00 X	544.00	
6.00 X	549.00	
6.00 X	552.00	
6.00 X	555.00	
6.00 X	560.00	
6.00 X	569.00	
6.00 X	575.00	
6.00 X	579.00	
6.20 X	422.20	
6.35 X	610.00	
6.50 X	50.00	
6.50 X	57.00	
6.90 X	422.20	

Metric O-Rings (Continued)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
6.99 X	34.29	-400
6.99 X	37.46	-401
6.99 X	40.64	-402
6.99 X	43.81	-403
6.99 X	46.99	-404
6.99 X	50.16	-405
6.99 X	53.34	-406
6.99 X	56.51	-407
6.99 X	59.69	-408
6.99 X	62.86	-409
6.99 X	66.04	-410
6.99 X	69.21	-411
6.99 X	72.39	-412
6.99 X	75.56	-413
6.99 X	78.74	-414
6.99 X	81.91	-415
6.99 X	85.09	-416
6.99 X	88.26	-417
6.99 X	91.44	-418
6.99 X	94.61	-419
6.99 X	97.79	-420
6.99 X	100.96	-421
6.99 X	104.14	-422
6.99 X	107.31	-423
6.99 X	110.49	-424
6.99 X	113.67	-425
6.99 X	114.70	BS624
6.99 X	116.84	-426
6.99 X	120.02	-427
6.99 X	123.19	-428
6.99 X	124.60	BS625
6.99 X	126.37	-429
6.99 X	129.54	-430
6.99 X	132.72	-431
6.99 X	134.50	BS626
6.99 X	135.89	-432
6.99 X	139.07	-433
6.99 X	142.24	-434
6.99 X	145.42	-435
6.99 X	148.59	-436
6.99 X	151.77	-437
6.99 X	155.60	BS872
6.99 X	158.12	-438
6.99 X	159.50	BS627
6.99 X	161.90	BS874
6.99 X	164.47	-439
6.99 X	166.70	BS628
6.99 X	168.30	BS876
6.99 X	170.82	-440
6.99 X	174.60	BS878
6.99 X	177.17	-441
6.99 X	181.00	BS880
6.99 X	183.52	-442

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
6.99 X	187.30	BS882
6.99 X	189.87	-443
6.99 X	193.70	BS884
6.99 X	196.22	-444
6.99 X	200.00	BS886
6.99 X	202.57	-445
6.99 X	208.92	BS674
6.99 X	215.27	-446
6.99 X	221.62	BS676
6.99 X	227.97	-447
6.99 X	234.32	BS678
6.99 X	240.67	-448
6.99 X	247.00	BS680
6.99 X	253.37	-449
6.99 X	259.70	BS682
6.99 X	266.07	-450
6.99 X	272.40	BS684
6.99 X	278.77	-451
6.99 X	285.10	BS686
6.99 X	291.47	-452
6.99 X	297.80	BS688
6.99 X	304.17	-453
6.99 X	310.50	BS648
6.99 X	316.87	-454
6.99 X	323.20	BS649
6.99 X	329.57	-455
6.99 X	335.90	BS650
6.99 X	342.27	-456
6.99 X	354.97	-457
6.99 X	367.67	-458
6.99 X	380.37	-459
6.99 X	393.07	-460
6.99 X	405.26	-461
6.99 X	417.96	-462
6.99 X	430.66	-463
6.99 X	443.36	-464
6.99 X	456.06	-465
6.99 X	468.76	-466
6.99 X	481.46	-467
6.99 X	494.16	-468
6.99 X	506.86	-469
6.99 X	532.26	-470
6.99 X	557.66	-471
6.99 X	582.68	-472
6.99 X	608.08	-473
6.99 X	633.48	-474
6.99 X	658.88	-475
6.99 X	675.16	
7.00 X	12.00	
7.00 X	54.00	
7.00 X	60.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
7.00 X	70.00	
7.00 X	75.00	
7.00 X	82.00	
7.00 X	90.00	
7.00 X	95.00	
7.00 X	105.00	
7.00 X	110.00	
7.00 X	192.00	
7.00 X	206.00	
7.00 X	212.00	
7.00 X	218.00	
7.00 X	224.00	
7.00 X	230.00	
7.00 X	236.00	
7.00 X	243.00	
7.00 X	250.00	
7.00 X	250.37	
7.00 X	258.00	
7.00 X	265.00	
7.00 X	272.00	
7.00 X	280.00	
7.00 X	290.00	
7.00 X	300.00	
7.00 X	307.00	
7.00 X	315.00	
7.00 X	325.00	
7.00 X	335.00	
7.00 X	345.00	
7.00 X	355.00	
7.00 X	360.00	
7.00 X	365.00	
7.00 X	375.00	
7.00 X	387.00	
7.00 X	400.00	
7.00 X	412.00	
7.00 X	425.00	
7.00 X	437.00	
7.00 X	450.00	
7.00 X	457.20	
7.00 X	462.00	
7.00 X	475.00	
7.00 X	487.00	
7.00 X	490.00	
7.00 X	494.67	
7.00 X	500.00	
7.00 X	515.00	
7.00 X	530.00	
7.00 X	545.00	
7.00 X	545.47	
7.00 X	560.00	
7.00 X	580.00	
7.00 X	596.27	
7.00 X	600.00	

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
7.00 X	615.00	
7.00 X	630.00	
7.00 X	647.07	
7.00 X	650.00	
7.00 X	670.00	
7.00 X	699.00	
7.00 X	724.00	
7.00 X	730.50	
7.00 X	745.00	
7.00 X	760.00	
7.00 X	880.00	
7.50 X	75.00	
8.00 X	25.00	
8.00 X	42.00	
8.00 X	57.00	
8.00 X	60.00	
8.00 X	97.00	
8.00 X	100.00	
8.00 X	108.00	
8.00 X	114.00	
8.00 X	150.00	
8.00 X	160.00	
8.00 X	180.00	
8.00 X	195.00	
8.00 X	216.00	
8.00 X	226.00	
8.00 X	230.00	
8.00 X	240.00	
8.00 X	242.00	
8.00 X	260.00	
8.00 X	265.00	
8.00 X	280.00	
8.00 X	310.00	
8.00 X	326.00	
8.00 X	330.00	
8.00 X	350.00	
8.00 X	360.00	
8.00 X	400.00	
8.00 X	425.00	
8.00 X	450.00	
8.00 X	460.00	
8.00 X	490.00	
8.00 X	500.00	
8.00 X	520.00	
8.00 X	630.00	
8.00 X	638.00	
8.00 X	800.00	
8.30 X	125.00	
8.40 X	144.10	

Metric O-Rings (Continued)

(Metric O-Ring Tolerances – Page 40)

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
8.40 X	149.10	
8.40 X	149.50	P150A
8.40 X	154.10	
8.40 X	154.50	P155
8.40 X	159.10	
8.40 X	159.50	P160
8.40 X	164.10	
8.40 X	164.50	P165
8.40 X	169.10	
8.40 X	169.50	P170
8.40 X	174.10	
8.40 X	174.50	P175
8.40 X	179.10	
8.40 X	179.50	P180
8.40 X	184.10	
8.40 X	184.50	P185
8.40 X	189.10	
8.40 X	189.50	P190
8.40 X	194.10	
8.40 X	194.50	P195
8.40 X	199.10	
8.40 X	199.50	P200
8.40 X	204.10	
8.40 X	204.50	P205
8.40 X	208.50	P209
8.40 X	209.10	
8.40 X	209.50	P210
8.40 X	214.50	P215
8.40 X	219.10	
8.40 X	219.50	P220
8.40 X	224.50	P225
8.40 X	229.10	
8.40 X	229.50	P230
8.40 X	234.10	
8.40 X	234.50	P235
8.40 X	239.10	
8.40 X	239.50	P240
8.40 X	244.50	P245
8.40 X	249.10	
8.40 X	249.50	P250
8.40 X	254.50	P255
8.40 X	259.50	P260
8.40 X	264.50	P265
8.40 X	269.50	P270
8.40 X	274.50	P275
8.40 X	279.50	P280
8.40 X	284.50	P285
8.40 X	289.50	P290
8.40 X	294.50	P295
8.40 X	299.50	P300
8.40 X	304.00	
8.40 X	314.50	P315
8.40 X	319.50	P320

CROSS SECTION (mm)	INSIDE DIAMETER (mm)	SIZE CROSS REF.
8.40 X	334.50	P335
8.40 X	339.50	P340
8.40 X	354.50	P355
8.40 X	359.50	P360
8.40 X	374.50	P375
8.40 X	375.00	
8.40 X	384.50	P385
8.40 X	399.50	P400
9.00 X	75.00	
9.00 X	84.00	
9.00 X	205.00	
9.00 X	316.00	
9.00 X	335.00	
9.00 X	360.00	
9.00 X	402.00	
9.00 X	451.00	
9.00 X	480.00	
9.00 X	545.00	
10.00 X	35.00	
10.00 X	38.00	
10.00 X	92.00	
10.00 X	105.00	
10.00 X	120.00	
10.00 X	140.00	
10.00 X	160.00	
10.00 X	195.00	
10.00 X	205.00	
10.00 X	228.00	
10.00 X	264.00	
10.00 X	270.00	
10.00 X	280.00	
10.00 X	292.00	
10.00 X	300.00	
10.00 X	315.00	
10.00 X	325.00	
10.00 X	330.00	
10.00 X	340.00	
10.00 X	360.00	
10.00 X	380.00	
10.00 X	450.00	
10.00 X	475.00	V480
10.00 X	524.50	V530
10.00 X	579.00	V585
10.00 X	633.50	V640
10.00 X	683.00	V690
10.00 X	700.00	
10.00 X	732.50	V740
10.00 X	782.00	V790
10.00 X	836.50	V845
10.00 X	1044.00	V1055

Batch Numbers
and
Cure Dates
are provided upon request
on your
O-Ring Orders.

Japanese Industrial Standards Dimensional Data

P Series						G Series					
JIS NO.	CROSS SECTION (mm)	INSIDE DIA. (mm)	JIS NO.	CROSS SECTION (mm)	INSIDE DIA. (mm)	JIS NO.	CROSS SECTION (mm)	INSIDE DIA. (mm)	JIS NO.	CROSS SECTION (mm)	INSIDE DIA. (mm)
P3	1.90	X 2.80	P48	3.50	X 47.70	P195	8.40	X 194.50	G25	3.10	24.40
P4	1.90	X 3.80	P49	3.50	X 48.70	P200	8.40	X 199.50	G30	3.10	29.40
P5	1.90	X 4.80	P50	3.50	X 49.70	P205	8.40	X 204.50	G35	3.10	34.40
P6	1.90	X 5.80	P48A	5.70	X 47.60	P209	8.40	X 208.50	G40	3.10	39.40
P7	1.90	X 6.80	P50A	5.70	X 49.60	P210	8.40	X 209.50	G45	3.10	44.40
P8	1.90	X 7.80	P52	5.70	X 51.60	P215	8.40	X 214.50	G50	3.10	49.40
P9	1.90	X 8.80	P53	5.70	X 52.60	P220	8.40	X 219.50	G55	3.10	54.40
P10	1.90	X 9.80	P55	5.70	X 54.60	P225	8.40	X 224.50	G60	3.10	59.40
P10A	2.40	X 9.80	P56	5.70	X 55.60	P230	8.40	X 229.50	G65	3.10	64.40
P11	2.40	X 10.80	P58	5.70	X 57.60	P235	8.40	X 234.50	G70	3.10	69.40
P11.2	2.40	X 11.00	P60	5.70	X 59.60	P240	8.40	X 239.50	G75	3.10	74.40
P12	2.40	X 11.80	P62	5.70	X 61.60	P245	8.40	X 244.50	G80	3.10	79.40
P12.5	2.40	X 12.30	P63	5.70	X 62.60	P250	8.40	X 249.50	G85	3.10	84.40
P14	2.40	X 13.80	P65	5.70	X 64.60	P255	8.40	X 254.50	G90	3.10	89.40
P15	2.40	X 14.80	P67	5.70	X 66.60	P260	8.40	X 259.50	G95	3.10	94.40
P16	2.40	X 15.80	P70	5.70	X 69.60	P265	8.40	X 264.50	G100	3.10	99.40
P18	2.40	X 17.80	P71	5.70	X 70.60	P270	8.40	X 269.50	G105	3.10	104.40
P20	2.40	X 19.80	P75	5.70	X 74.60	P275	8.40	X 274.50	G110	3.10	109.40
P21	2.40	X 20.80	P80	5.70	X 79.60	P280	8.40	X 279.50	G115	3.10	114.40
P22	2.40	X 21.80	P85	5.70	X 84.60	P285	8.40	X 284.50	G120	3.10	119.40
P22A	3.50	X 21.70	P90	5.70	X 89.60	P290	8.40	X 289.50	G125	3.10	124.40
P22.4	3.50	X 22.10	P95	5.70	X 94.60	P295	8.40	X 294.50	G130	3.10	129.40
P24	3.50	X 23.70	P100	5.70	X 99.60	P300	8.40	X 299.50	G135	3.10	134.40
P25	3.50	X 24.70	P102	5.70	X 101.60	P315	8.40	X 314.50	G140	3.10	139.40
P25.5	3.50	X 25.20	P105	5.70	X 104.60	P320	8.40	X 319.50	G145	3.10	144.40
P26	3.50	X 25.70	P110	5.70	X 109.60	P335	8.40	X 334.50	G150	5.70	149.30
P28	3.50	X 27.70	P112	5.70	X 111.60	P340	8.40	X 339.50	G155	5.70	154.30
P29	3.50	X 28.70	P115	5.70	X 114.60	P355	8.40	X 354.50	G160	5.70	159.30
P29.5	3.50	X 29.20	P120	5.70	X 119.60	P360	8.40	X 359.50	G165	5.70	164.30
P30	3.50	X 29.70	P125	5.70	X 124.60	P375	8.40	X 374.50	G170	5.70	169.30
P31	3.50	X 30.70	P130	5.70	X 129.60	P385	8.40	X 384.50	G175	5.70	174.30
P31.5	3.50	X 31.20	P132	5.70	X 131.60	P400	8.40	X 399.50	G180	5.70	179.30
P32	3.50	X 31.70	P135	5.70	X 134.60				G185	5.70	184.30
P34	3.50	X 33.70	P140	5.70	X 139.60				G190	5.70	189.30
P35	3.50	X 34.70	P145	5.70	X 144.60				G195	5.70	194.30
P35.5	3.50	X 35.20	P150	5.70	X 149.60				G200	5.70	199.30
P36	3.50	X 35.70	P150A	8.40	X 149.50				G210	5.70	209.30
P38	3.50	X 37.70	P155	8.40	X 154.50				G220	5.70	219.30
P39	3.50	X 38.70	P160	8.40	X 159.50				G230	5.70	229.30
P40	3.50	X 39.70	P165	8.40	X 164.50				G240	5.70	239.30
P41	3.50	X 40.70	P170	8.40	X 169.50				G250	5.70	249.30
P42	3.50	X 41.70	P175	8.40	X 174.50				G260	5.70	259.30
P44	3.50	X 43.70	P180	8.40	X 179.50				G270	5.70	269.30
P45	3.50	X 44.70	P185	8.40	X 184.50				G280	5.70	279.30
P46	3.50	X 45.70	P190	8.40	X 189.50				G290	5.70	289.30
									G300	5.70	299.30

Japanese Industrial Standards Dimensional Data (Continued)

S Series						V Series		
JIS NO.	CROSS SECTION (mm)	INSIDE DIA. (mm)	JIS NO.	CROSS SECTION (mm)	INSIDE DIA. (mm)	JIS NO.	CROSS SECTION (mm)	INSIDE DIA. (mm)
S3	1.50 X	2.50	S45	2.00 X	44.50	V15	4.00 X	14.50
S4	1.50 X	3.50	S46	2.00 X	45.50	V24	4.00 X	23.50
S5	1.50 X	4.50	S48	2.00 X	47.50	V34	4.00 X	33.50
S6	1.50 X	5.50	S50	2.00 X	49.50	V40	4.00 X	39.50
S7	1.50 X	6.50	S53	2.00 X	52.50	V55	4.00 X	54.50
S8	1.50 X	7.50	S55	2.00 X	54.50	V70	4.00 X	69.00
S9	1.50 X	8.50	S56	2.00 X	55.50	V85	4.00 X	84.00
S10	1.50 X	9.50	S60	2.00 X	59.50	V100	4.00 X	99.00
S11.2	1.50 X	10.70	S63	2.00 X	62.50	V120	4.00 X	119.00
S12	1.50 X	11.50	S65	2.00 X	64.50	V150	4.00 X	148.50
S12.5	1.50 X	12.00	S67	2.00 X	66.50	V175	4.00 X	173.00
S14	1.50 X	13.50	S70	2.00 X	69.50	V225	6.00 X	222.50
S15	1.50 X	14.50	S71	2.00 X	70.50	V275	6.00 X	272.00
S16	1.50 X	15.50	S75	2.00 X	74.50	V325	6.00 X	321.50
S18	1.50 X	17.50	S80	2.00 X	79.50	V380	6.00 X	376.00
S20	1.50 X	19.50	S85	2.00 X	84.50	V430	6.00 X	425.50
S22	1.50 X	21.50	S90	2.00 X	89.50	V480	10.00 X	475.00
S22.4	2.00 X	21.90	S95	2.00 X	94.50	V530	10.00 X	524.50
S24	2.00 X	23.50	S100	2.00 X	99.50	V585	10.00 X	579.00
S25	2.00 X	24.50	S105	2.00 X	104.50	V640	10.00 X	633.50
S26	2.00 X	25.50	S110	2.00 X	109.50	V690	10.00 X	683.00
S28	2.00 X	27.50	S112	2.00 X	111.50	V740	10.00 X	732.50
S29	2.00 X	28.50	S115	2.00 X	114.50	V790	10.00 X	782.00
S30	2.00 X	29.50	S120	2.00 X	119.50	V845	10.00 X	836.50
S31.5	2.00 X	31.00	S125	2.00 X	124.50	V950	10.00 X	940.50
S32	2.00 X	31.50	S130	2.00 X	129.50	V1055	10.00 X	1044.00
S34	2.00 X	33.50	S132	2.00 X	131.50			
S35	2.00 X	34.50	S135	2.00 X	134.50			
S35.5	2.00 X	35.00	S140	2.00 X	139.50			
S36	2.00 X	35.50	S145	2.00 X	144.50			
S38	2.00 X	37.50	S150	2.00 X	149.50			
S39	2.00 X	38.50						
S40	2.00 X	39.50						
S42	2.00 X	41.50						
S43	2.00 X	42.50						
S44	2.00 X	43.50						

Metric O-Ring Tolerances (DIN 3771, Part 1 and ISO 3601/1)

INSIDE DIAMETER (mm)	TOLERANCE (mm)
1.80 – 2.79	± 0.13
2.80 – 4.86	± 0.14
4.87 – 6.69	± 0.15
6.70 – 8.75	± 0.16
8.76 – 10.59	± 0.17
10.5 – 11.79	± 0.18
11.8 – 14.99	± 0.19
15.0 – 16.99	± 0.20
17.0 – 18.99	± 0.21
19.0 – 21.19	± 0.22
21.2 – 22.39	± 0.23
22.4 – 24.99	± 0.24
25.0 – 25.79	± 0.25
25.8 – 27.99	± 0.26
28.0 – 29.99	± 0.28
30.0 – 31.49	± 0.29
31.5 – 32.49	± 0.31
32.5 – 34.49	± 0.32
34.5 – 35.49	± 0.33
35.5 – 36.49	± 0.34
36.5 – 37.49	± 0.35
37.5 – 38.59	± 0.36
38.7 – 39.99	± 0.37
40.0 – 41.19	± 0.38
41.2 – 42.49	± 0.39
42.5 – 43.69	± 0.40
43.7 – 44.99	± 0.41
45.0 – 46.19	± 0.42
46.2 – 47.49	± 0.43
47.5 – 48.69	± 0.44
48.7 – 49.99	± 0.45
50.0 – 51.49	± 0.46
51.5 – 52.99	± 0.47
53.0 – 54.49	± 0.48
54.5 – 55.99	± 0.50
56.0 – 57.99	± 0.51
58.0 – 59.99	± 0.52
60.0 – 61.49	± 0.54
61.5 – 62.99	± 0.55
63.0 – 64.99	± 0.58
6.50 – 68.99	± 0.58
67.0 – 68.99	± 0.59
69.0 – 70.99	± 0.61
71.0 – 72.99	± 0.63
73.0 – 74.99	± 0.64

INSIDE DIAMETER (mm)	TOLERANCE (mm)
75.0 – 77.49	± 0.66
77.5 – 79.99	± 0.67
80.0 – 82.49	± 0.69
82.5 – 84.99	± 0.71
85.0 – 87.49	± 0.73
87.5 – 89.99	± 0.75
90.0 – 92.49	± 0.77
92.5 – 94.99	± 0.79
95.0 – 97.49	± 0.81
97.5 – 99.99	± 0.83
100 – 102.9	± 0.84
103 – 105.9	± 0.87
106 – 108.9	± 0.89
109 – 111.9	± 0.91
112 – 114.9	± 0.93
115 – 117.9	± 0.95
118 – 121.9	± 0.97
122 – 124.9	± 1.00
125 – 127.9	± 1.03
128 – 131.9	± 1.05
132 – 135.9	± 1.08
136 – 139.9	± 1.10
140 – 144.9	± 1.13
145 – 149.9	± 1.17
150 – 154.9	± 1.20
155 – 159.9	± 1.24
160 – 164.9	± 1.27
165 – 169.9	± 1.31
170 – 174.9	± 1.34
175 – 179.9	± 1.38
180 – 184.9	± 1.41
185 – 189.9	± 1.44
190 – 194.9	± 1.48
195 – 199.9	± 1.51
200 – 205.9	± 1.55
206 – 211.9	± 1.59
212 – 217.9	± 1.63
218 – 223.9	± 1.67
224 – 229.9	± 1.71
230 – 235.9	± 1.75
238 – 242.9	± 1.79
243 – 249.9	± 1.83
250 – 257.9	± 1.88
258 – 264.9	± 1.93
265 – 271.9	± 1.98

INSIDE DIAMETER (mm)	TOLERANCE (mm)
272 – 279.9	± 2.02
280 – 289.9	± 2.08
290 – 299.9	± 2.14
300 – 306.9	± 2.21
307 – 314.9	± 2.25
315 – 324.9	± 2.30
325 – 334.9	± 2.37
335 – 344.9	± 2.43
345 – 354.9	± 2.49
355 – 364.9	± 2.56
365 – 374.9	± 2.62
375 – 386.9	± 2.68
387 – 399.9	± 2.78
400 – 411.9	± 2.84
412 – 424.9	± 2.91
425 – 436.9	± 2.99
437 – 449.9	± 3.07
450 – 461.9	± 3.15
462 – 474.9	± 3.22
475 – 486.9	± 3.30
487 – 499.9	± 3.37
500 – 514.9	± 3.45
515 – 529.9	± 3.54
530 – 544.9	± 3.63
545 – 559.9	± 3.72
560 – 579.9	± 3.81
580 – 599.9	± 3.93
600 – 614.9	± 4.05
615 – 629.9	± 4.13
630 – 649.9	± 4.22
650 – 669.9	± 4.34
670 – 689.9	± 4.46
≥ 690	± 0.65%

CROSS SECTION (mm)	TOLERANCE (mm)
≤ 2.62	± 0.08
2.63 – 3.00	± 0.09
3.01 – 4.50	± 0.10
4.51 – 5.50	± 0.13
5.51 – 7.50	± 0.15
7.51 – 8.50	± 0.18
8.51 – 10.0	± 0.20