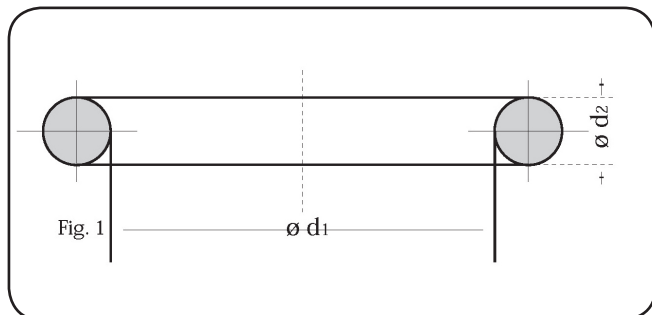


O-RINGS



MAIN FEATURES

O-RINGS are precision circular section rings. Shape, material, hardness, dimensions and tolerances are determined by DIN 3770 or DIN ISO 3601 standards. The standardised designation simply mentions the internal diameter and the section diameter.

Example:

OR 50 x 1.78 - It is an O-ring with 50 mm (d_1) internal \varnothing and a 1.78 mm (d_2) section.

Commercial name	NITRILE	VITON	SILICONE	EPDM
Usual hardness (Shore A)	70 + 90	83	60	70
Abrasion Resistance	Exc.	Exc.	Suff.	Good
Allowable temperature (°C)	+ 100 - 30	+ 200 - 15	+ 200 - 60	+ 140 - 50
Resistance to mineral oil	Exc.	Exc.	Good	Bad
Resistance to oils based on phosphoric esters	Bad	Good	Suff.	Exc.
Resistance to seam	Suff.	Good	Suff.	Exc.
Resistance to solar action and oxidation	Good	Good	Good	Exc.

O-RINGS

DESCRIPTION

O-RINGS

DYNAMIC SURFACE MATERIAL

Acrylonitrile Butadiene NBR 70/90 Sh. A -30°C + 110°C.

Silicone MQ -60°C + 230°C.

Viton FKM -20°C + 200 ° C.

DIMENSIONAL TOLERANCES

Internal diameter		Thickness	
$d_1 \pm$	Tolerance	$d_2 \pm$	Tolerance
- 3	0.14	- 1.8	0.08
3 - 6	0.15	1.8 - 2.6	0.09
6 - 10	0.17	2.6 - 3.5	0.10
10 - 18	0.20	3.5 - 5.3	0.20
18 - 30	0.30	5.3 - 7	0.13
30 - 50	0.40	7 - 8	0.15
50 - 80	0.65	8 - 10	0.17
80 - 100	0.85	10 - 15	0.20
100 - 120	1.00		0.25
120 - 150	1.20		
150 - 180	1.40		
180 - 250	1.80		
250 - 300	2.10		
300 - 350	2.50		
350 - 400	2.80		
400 - 500	3.40		
500 - 650	4.30		
650 - 800	6.50		

MANUFACTURING DEFECTS

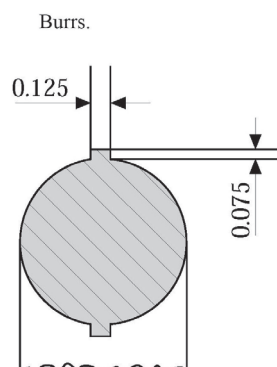
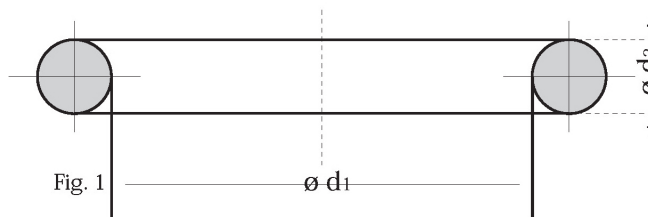


Fig. 2

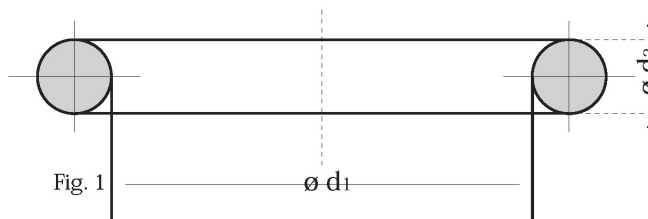
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
0.74	x 1.02		3.25	x 1.12		5.00	x 2.00	V	6.50	x 3.00	V
1.07	x 1.27		3.30	x 2.40	V	5.00	x 2.50	V	6.75	x 1.78	V
1.15	x 1.00		3.40	x 1.90	V	5.00	x 3.00	V	7.00	x 1.00	V
1.24	x 2.62		3.50	x 1.00	V	5.00	x 4.00	V	7.00	x 1.50	VE
1.25	x 1.00		3.50	x 1.20		5.00	x 5.00		7.00	x 2.00	VES
1.42	x 1.53	V	3.50	x 1.50	V	5.10	x 1.60	V	7.00	x 2.50	V
1.50	x 1.00	V	3.50	x 2.00	V	5.23	x 2.62	V	7.00	x 3.00	V
1.50	x 1.50		3.50	x 3.00		5.28	x 1.78	VES	7.00	x 4.00	V
1.78	x 1.02		3.60	x 1.30		5.30	x 2.40	V	7.00	x 5.00	V
1.78	x 1.78	VE	3.60	x 2.40	VE	5.50	x 1.00	V	7.00	x 6.00	
1.80	x 1.00		3.63	x 2.62	VE	5.50	x 1.50	VS	7.10	x 1.60	V
1.85	x 1.50	V	3.68	x 1.78	VE	5.60	x 1.80		7.10	x 1.80	
1.85	x 1.85		3.70	x 1.80		5.50	x 2.00	V	7.20	x 1.90	VS
2.00	x 1.00	V	3.70	x 1.90		5.50	x 2.40		7.30	x 2.40	VS
2.00	x 1.50	V	3.75	x 1.80		5.50	x 2.50	V	7.50	x 1.00	V
2.06	x 2.62	V	4.00	x 1.00	V	5.50	x 3.00	V	7.50	x 1.50	V
2.20	x 1.00		4.00	x 1.50	VE	5.60	x 2.40		7.50	x 2.00	V
2.20	x 1.60	V	4.00	x 2.00	VES	5.70	x 1.90	VE	7.50	x 2.40	V
2.20	x 2.00		4.00	x 2.50	V	5.94	x 3.53	V	7.50	x 2.50	V
2.40	x 1.90		4.00	x 3.00	V	6.00	x 1.00	V	7.50	x 3.00	V
2.50	x 1.00	V	4.00	x 4.00	V	6.00	x 1.50	V	7.52	x 3.53	V
2.50	x 1.20		4.00	x 5.00	V	6.00	x 2.00	VE	7.59	x 2.62	VE
2.50	x 1.50	V	4.10	x 1.60	VE	6.00	x 2.20	VE	7.60	x 1.90	
2.50	x 1.60		4.20	x 1.90	V	6.00	x 2.50	V	7.60	x 2.40	V
2.50	x 2.00	V	4.30	x 2.40	V	6.00	x 3.00	V	7.65	x 1.78	VES
2.57	x 1.78	V	4.34	x 3.53	V	6.00	x 4.00	VE	7.94	x 1.78	VE
2.60	x 1.20		4.42	x 2.62	V	6.00	x 4.50	V	8.00	x 1.00	V
2.60	x 1.30		4.47	x 1.78	VES	6.00	x 5.00	V	8.00	x 1.25	
2.60	x 1.90	VE	4.50	x 1.00	V	6.00	x 6.00		8.00	x 1.50	V
2.75	x 1.60		4.50	x 1.50	V	6.02	x 2.62	V	8.00	x 1.90	VE
2.80	x 1.50	V	4.50	x 1.80		6.07	x 1.63		8.00	x 2.00	VS
2.80	x 1.80	V	4.50	x 2.00		6.07	x 1.78	VS	8.00	x 2.50	V
2.84	x 2.62	V	4.50	x 3.00		6.10	x 1.60	V	8.00	x 3.00	VES
2.90	x 1.78	VES	4.60	x 2.50	V	6.30	x 2.40	VE	8.00	x 3.50	V
3.00	x 1.00	VE	4.70	x 1.60		6.35	x 1.78	VE	8.00	x 4.00	V
3.00	x 1.50	V	4.76	x 1.78	V	6.40	x 1.90		8.00	x 4.50	E
3.00	x 2.00	V	4.90	x 1.90	VE	6.50	x 1.00	S	8.00	x 5.00	V
3.00	x 2.40		5.00	x 1.00	VS	6.50	x 1.50	V	8.10	x 1.60	V
3.00	x 3.00	V	5.00	x 1.20	V	6.50	x 1.60		8.30	x 2.40	VE
3.10	x 1.60	VE	5.00	x 1.50	VES	6.50	x 2.00	V	8.50	x 1.00	
3.17	x 1.78	V	5.00	x 1.60	V	6.50	x 2.50	V	8.50	x 1.50	V

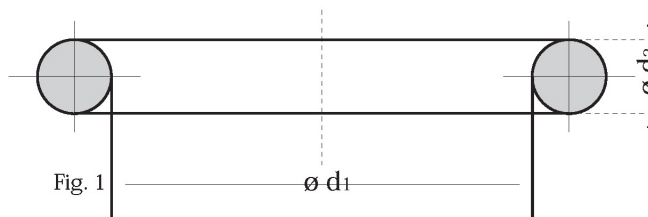
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
8.50	x 2.00	V	10.00	x 1.80		11.50	x 2.00	V	13.00	x 5.00	
8.50	x 2.50	V	10.00	x 2.00	VE	11.50	x 2.50	V	13.00	x 6.00	
8.50	x 3.00		10.00	x 2.20		11.50	x 3.00	V	13.10	x 1.60	V
8.60	x 2.40	V	10.00	x 2.50	VS	11.60	x 2.40	V	13.10	x 2.62	V
8.73	x 1.78	VE	10.00	x 3.00	V	11.80	x 1.80		13.30	x 2.40	V
8.90	x 1.90	VES	10.00	x 3.50	VS	11.89	x 1.98	V	13.50	x 1.00	
8.90	x 2.70	V	10.00	x 4.00	V	11.91	x 2.62	VES	13.50	x 1.50	V
8.92	x 1.83		10.00	x 4.50	V	12.00	x 1.00	V	13.50	x 2.00	V
9.00	x 1.00	VE	10.00	x 5.00	V	12.00	x 1.50	V	13.50	x 2.50	V
9.00	x 1.20		10.00	x 6.00	V	12.00	x 2.00	VES	13.50	x 3.00	V
9.00	x 1.50	V	10.00	x 8.00		12.00	x 2.50	VES	13.60	x 2.40	V
9.00	x 2.00	VES	10.10	x 1.60	V	12.00	x 3.00	VS	13.60	x 2.70	V
9.00	x 2.20	ES	10.30	x 2.40	V	12.00	x 3.50	V	13.64	x 5.33	V
9.00	x 2.50	VE	10.46	x 5.33	V	12.00	x 4.00	V	13.87	x 3.53	V
9.00	x 3.00	VS	10.50	x 1.00		12.00	x 4.50	V	13.94	x 2.62	VES
9.00	x 3.50	E	10.50	x 1.50	V	12.00	x 5.00		14.00	x 1.00	V
9.00	x 4.00	V	10.50	x 2.00	V	12.00	x 5.50		14.00	x 1.50	VE
9.00	x 4.50	V	10.50	x 2.50	V	12.00	x 6.00		14.00	x 1.78	VES
9.00	x 5.00		10.50	x 2.70	VE	12.00	x 7.00		14.00	x 2.00	VES
9.00	x 6.00	V	10.50	x 3.00	V	12.07	x 5.33	V	14.00	x 2.40	
9.10	x 1.60	VES	10.50	x 4.50	V	12.10	x 1.60	V	14.00	x 2.50	V
9.12	x 3.53	VES	10.52	x 1.83		12.10	x 2.70	V	14.00	x 3.00	VES
9.13	x 2.62	VS	10.69	x 3.53	V	12.29	x 3.53	VE	14.00	x 3.50	V
9.19	x 2.62	VES	10.77	x 2.62	VES	12.30	x 2.40	V	14.00	x 4.00	V
9.25	x 1.78	VES	10.82	x 1.78	VES	12.37	x 2.62	VES	14.00	x 5.00	V
9.30	x 2.40	V	11.00	x 1.00	V	12.42	x 1.78	VES	14.00	x 6.00	V
9.50	x 1.00	V	11.00	x 1.30		12.50	x 1.00		14.00	x 7.00	
9.50	x 1.50	V	11.00	x 1.50	VS	12.50	x 1.50	V	14.00	x 8.00	
9.50	x 1.60		11.00	x 2.00	V	12.50	x 2.00	V	14.10	x 1.60	VE
9.50	x 1.80	E	11.00	x 2.50	V	12.50	x 2.50	V	14.20	x 2.60	
9.50	x 2.00	V	11.00	x 3.00	V	12.50	x 3.00	V	14.30	x 2.40	VE
9.50	x 2.50	V	11.00	x 3.50	V	12.70	x 2.62	V	14.50	x 1.00	V
9.50	x 3.00	V	11.00	x 4.00		13.00	x 1.00	V	14.50	x 1.50	V
9.50	x 3.50	S	11.00	x 4.50	V	13.00	x 1.50	V	14.50	x 2.00	V
9.50	x 4.50	V	11.00	x 5.00		13.00	x 2.00	VE	14.50	x 2.40	V
9.52	x 1.78	VE	11.00	x 5.50		13.00	x 2.50	VS	14.50	x 2.50	V
9.60	x 2.40	V	11.00	x 6.00		13.00	x 3.00	V	14.50	x 3.00	V
9.90	x 2.62	V	11.10	x 1.60	V	13.00	x 3.50	V	15.00	x 1.00	V
10.00	x 1.00	V	11.11	x 1.78	VE	13.00	x 4.00	V	15.00	x 1.30	
10.00	x 1.30		11.50	x 1.00		13.00	x 4.50	V	15.00	x 1.50	VE
10.00	x 1.50	VS	11.50	x 1.50	V	13.00	x 5.00	V	15.00	x 2.00	VS

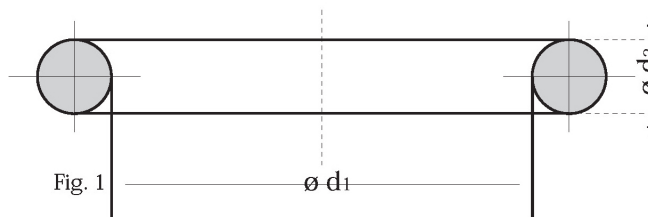
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
15.00	x 2.50	VE	16.81	x 5.33	V	18.50	x 1.50	V	20.00	x 8.00	
15.00	x 3.00	VS	16.90	x 2.70	VE	18.50	x 2.00	V	20.22	x 3.53	VES
15.00	x 3.50	V	17.00	x 1.00	V	18.50	x 2.50	V	20.30	x 2.40	E
15.00	x 4.00	V	17.00	x 1.50	V	18.50	x 3.00		20.30	x 2.62	VS
15.00	x 4.50		17.00	x 2.00	VS	18.64	x 3.53	VES	20.35	x 1.78	VS
15.00	x 5.00	V	17.00	x 2.50	VS	18.72	x 2.62	VES	20.50	x 1.00	
15.00	x 6.00		17.00	x 3.00	VS	18.77	x 1.78	VES	20.50	x 1.50	
15.08	x 2.62	VE	17.00	x 3.50		19.00	x 1.00	V	20.50	x 2.00	V
15.10	x 1.60		17.00	x 4.00	V	19.00	x 1.50	VS	20.50	x 2.40	V
15.10	x 2.70	VE	17.00	x 4.50	V	19.00	x 1.80		20.50	x 2.50	
15.24	x 5.33		17.00	x 5.00		19.00	x 2.00	VE	20.50	x 3.00	V
15.30	x 2.40	VE	17.04	x 3.53	V	19.00	x 2.50	VE	20.64	x 2.62	V
15.47	x 3.53	V	17.10	x 1.60		19.00	x 3.00	VS	21.00	x 1.00	VE
15.50	x 1.00	V	17.12	x 2.62	VES	19.00	x 3.50	V	21.00	x 1.50	V
15.50	x 1.50	V	17.17	x 1.78	VES	19.00	x 4.00	V	21.00	x 2.00	V
15.50	x 2.00	V	17.30	x 2.40	V	19.00	x 4.50	V	21.00	x 2.50	V
15.50	x 2.50	VE	17.46	x 2.62	V	19.00	x 5.00	V	21.00	x 3.00	VE
15.50	x 3.00		17.50	x 1.00	V	19.00	x 6.00	V	21.00	x 3.50	V
15.50	x 4.50	V	17.50	x 1.50	V	19.10	x 1.60	V	21.00	x 4.00	VE
15.54	x 2.62	VES	17.50	x 2.40	V	19.18	x 2.46	E	21.00	x 4.50	
15.60	x 1.78	VE	17.50	x 2.50	V	19.20	x 3.00	S	21.00	x 5.00	V
15.88	x 2.62	VE	17.50	x 3.00	V	19.30	x 2.40		21.00	x 6.00	
16.00	x 1.00	VE	17.74	x 1.78		19.50	x 1.00	V	21.00	x 10.00	
16.00	x 1.25		17.86	x 2.62	V	19.50	x 1.50	V	21.30	x 2.40	S
16.00	x 1.50	V	18.00	x 1.00	V	19.50	x 2.00	V	21.30	x 3.60	V
16.00	x 2.00	VE	18.00	x 1.50	VE	19.50	x 2.50	V	21.50	x 1.00	
16.00	x 2.50	VE	18.00	x 2.00	VE	19.50	x 3.00	V	21.50	x 1.50	V
16.00	x 3.00	VS	18.00	x 2.20		19.50	x 6.00	V	21.50	x 2.00	V
16.00	x 3.50	V	18.00	x 2.50	VS	19.60	x 2.40	V	21.50	x 2.40	V
16.00	x 4.00	V	18.00	x 3.00	VES	19.80	x 3.60	V	21.50	x 2.50	V
16.00	x 4.50	V	18.00	x 3.50	V	19.99	x 5.33	V	21.50	x 3.00	
16.00	x 5.00		18.00	x 4.00	VS	20.00	x 1.00	V	21.50	x 4.50	V
16.00	x 6.00		18.00	x 4.50	V	20.00	x 1.50	V	21.59	x 5.33	VE
16.00	x 7.00		18.00	x 5.00	V	20.00	x 2.00	VE	21.60	x 2.40	V
16.10	x 1.60	V	18.00	x 6.00	V	20.00	x 2.50	V	21.82	x 3.53	VES
16.30	x 2.40	VE	18.10	x 1.60	V	20.00	x 3.00	VS	21.89	x 2.62	VES
16.50	x 1.00		18.30	x 2.40	VE	20.00	x 3.50	V	21.95	x 1.78	VE
16.50	x 1.50	V	18.30	x 3.60	VS	20.00	x 4.00	V	22.00	x 1.00	
16.50	x 2.00		18.40	x 2.70	V	20.00	x 4.50	V	22.00	x 1.50	V
16.50	x 2.50	V	18.42	x 5.33	V	20.00	x 5.00	V	22.00	x 2.00	VE
16.50	x 3.00		18.50	x 1.00	V	20.00	x 6.00		22.00	x 2.50	V

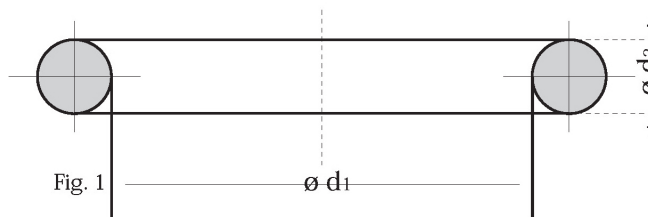
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
22.00	x 3.00	VS	23.50	x 6.00	V	25.20	x 3.00		27.50	x 2.40	V
22.00	x 3.50	V	23.52	x 1.78	V	25.30	x 2.40		27.50	x 2.50	V
22.00	x 4.00	VE	23.81	x 2.62	V	25.50	x 1.50		27.50	x 3.00	V
22.00	x 4.50	V	24.00	x 1.00	V	25.50	x 2.00	V	27.50	x 4.50	V
22.00	x 5.00	V	24.00	x 1.50	V	25.50	x 2.50		27.60	x 2.40	
22.00	x 5.50		24.00	x 2.00	V	25.50	x 3.00	VE	27.80	x 3.60	VE
22.00	x 6.00	V	24.00	x 2.50	V	25.80	x 3.53	VE	27.94	x 5.33	V
22.00	x 8.00		24.00	x 3.00	VES	26.00	x 1.50	V	28.00	x 1.00	
22.10	x 1.60		24.00	x 3.50	V	26.00	x 2.00	V	28.00	x 1.50	V
22.23	x 2.62	VE	24.00	x 4.00	VES	26.00	x 2.50		28.00	x 2.00	V
22.30	x 2.40		24.00	x 4.50		26.00	x 3.00	V	28.00	x 2.50	V
22.50	x 1.00		24.00	x 5.00	V	26.00	x 3.50	V	28.00	x 3.00	V
22.50	x 1.50	V	24.00	x 5.50	V	26.00	x 4.00	V	28.00	x 3.50	VS
22.50	x 2.00	V	24.00	x 6.00	V	26.00	x 4.50	V	28.00	x 4.00	V
22.50	x 2.50	V	24.20	x 3.00	V	26.00	x 5.00	V	28.00	x 4.50	V
22.50	x 3.00		24.50	x 1.00		26.00	x 6.00	V	28.00	x 5.00	V
22.50	x 4.50		24.50	x 1.50	V	26.00	x 7.00		28.00	x 6.00	V
23.00	x 1.00		24.50	x 2.00		26.20	x 3.00	VE	28.17	x 3.53	VES
23.00	x 1.50		24.50	x 2.40	V	26.20	x 3.60	VE	28.24	x 2.62	VE
23.00	x 2.00	V	24.50	x 2.50		26.30	x 2.40		28.30	x 1.78	V
23.00	x 2.50	V	24.50	x 3.00	V	26.34	x 5.33	V	28.50	x 1.50	
23.00	x 3.00	V	24.50	x 4.50		26.50	x 1.50	V	28.50	x 2.00	
23.00	x 3.50	V	24.60	x 3.00		26.50	x 2.00	V	28.50	x 2.50	V
23.00	x 3.60	V	24.60	x 3.60	V	26.50	x 2.50	V	28.50	x 3.00	V
23.00	x 4.00	V	24.77	x 5.33	V	26.50	x 3.00	V	28.50	x 4.50	
23.00	x 4.50	V	24.99	x 3.53	VES	26.57	x 3.53	VES	29.00	x 1.50	V
23.00	x 5.00	V	25.00	x 1.00	VE	26.64	x 2.62	VE	29.00	x 2.00	V
23.00	x 5.50		25.00	x 1.50	V	26.70	x 1.78	V	29.00	x 2.50	V
23.00	x 6.00	V	25.00	x 2.00	V	27.00	x 1.50	V	29.00	x 3.00	VE
23.00	x 7.00		25.00	x 2.40	VE	27.00	x 2.00	V	29.00	x 3.50	V
23.00	x 8.00		25.00	x 2.50	VE	27.00	x 2.50	VES	29.00	x 4.00	V
23.16	x 5.33	V	25.00	x 3.00	VS	27.00	x 3.00	V	29.00	x 4.50	
23.39	x 3.53	VES	25.00	x 3.50	V	27.00	x 3.50	V	29.00	x 5.00	V
23.47	x 2.62	VES	25.00	x 4.00	V	27.00	x 4.00	V	29.00	x 6.00	
23.47	x 2.95		25.00	x 4.50	V	27.00	x 4.50	V	29.10	x 1.60	V
23.50	x 1.00	V	25.00	x 5.00	V	27.00	x 5.00	V	29.10	x 2.55	V
23.50	x 1.50	V	25.00	x 6.00	V	27.00	x 6.00		29.20	x 3.00	V
23.50	x 2.00	V	25.00	x 7.00		27.10	x 1.60		29.20	x 2.40	
23.50	x 2.40	V	25.07	x 2.62	VE	27.30	x 2.70		29.30	x 3.60	V
23.50	x 2.50	V	25.10	x 1.60		27.50	x 1.50	V	29.50	x 1.50	V
23.50	x 3.00	V	25.12	x 1.78	V	27.50	x 2.00	V	29.50	x 2.00	V

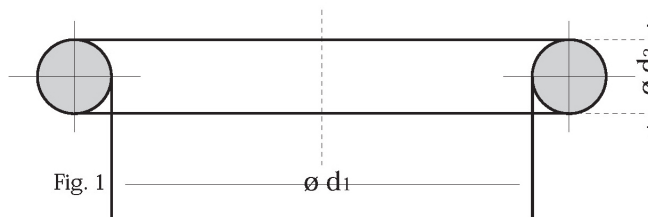
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
29.50	x 2.50	V	31.50	x 2.00	V	34.00	x 1.50	V	35.50	x 4.50	V
29.50	x 3.00	V	31.50	x 2.50	V	34.00	x 2.00	V	35.60	x 3.60	V
29.50	x 4.50	V	31.50	x 3.00	V	34.00	x 2.50	V	36.00	x 1.50	V
29.51	x 5.33	V	31.50	x 4.50		34.00	x 3.00	VES	36.00	x 2.00	V
29.74	x 2.95		31.60	x 2.40	V	34.00	x 3.50	V	36.00	x 2.50	V
29.74	x 3.53	VES	32.00	x 1.50	V	34.00	x 4.00	V	36.00	x 3.00	V
29.82	x 2.62	VE	32.00	x 2.00	V	34.00	x 4.50		36.00	x 3.50	
29.87	x 1.78	V	32.00	x 2.50	VE	34.00	x 5.00	V	36.00	x 4.00	V
30.00	x 1.50	V	32.00	x 3.00	V	34.00	x 5.50		36.00	x 4.50	V
30.00	x 2.00	V	32.00	x 3.50	V	34.00	x 6.00		36.00	x 5.00	V
30.00	x 2.50	VS	32.00	x 4.00	VE	34.00	x 8.00		36.00	x 6.00	
30.00	x 3.00	V	32.00	x 4.50	V	34.10	x 3.60	V	36.00	x 7.00	
30.00	x 3.50	V	32.00	x 5.00	V	34.20	x 3.00	V	36.09	x 3.53	V
30.00	x 4.00	V	32.00	x 5.50		34.29	x 5.33	V	36.17	x 2.62	VS
30.00	x 4.50	V	32.00	x 6.00		34.30	x 5.70		36.20	x 3.00	
30.00	x 5.00	VS	32.00	x 10.00		34.50	x 1.50	V	36.27	x 1.78	V
30.00	x 6.00	V	32.10	x 1.60	V	34.50	x 2.00		36.50	x 1.50	
30.00	x 7.00		32.50	x 1.50		34.50	x 2.50	V	36.50	x 2.00	
30.00	x 10.00		32.50	x 2.00	V	34.50	x 3.00	V	36.50	x 2.50	V
30.20	x 3.00		32.50	x 2.50	V	34.50	x 4.50	V	36.50	x 3.00	
30.30	x 2.40		32.50	x 3.00		34.52	x 3.53	VES	37.00	x 1.50	V
30.50	x 1.50		32.50	x 3.60	V	34.59	x 2.62	VE	37.00	x 2.00	V
30.50	x 2.00	V	32.69	x 5.33	V	34.65	x 1.78	VE	37.00	x 2.50	V
30.50	x 2.50	V	32.92	x 3.53	VES	35.00	x 1.50	V	37.00	x 3.00	V
30.50	x 3.00		32.99	x 2.62	VES	35.00	x 2.00	VE	37.00	x 3.50	V
30.80	x 3.60	VE	33.00	x 1.50	V	35.00	x 2.50	V	37.00	x 4.00	V
31.00	x 1.50	V	33.00	x 2.00	V	35.00	x 3.00	V	37.00	x 4.50	V
31.00	x 2.00	VE	33.00	x 2.50	V	35.00	x 3.20	E	37.00	x 5.00	V
31.00	x 2.50	V	33.00	x 3.00	V	35.00	x 3.50	V	37.00	x 6.00	V
31.00	x 3.00	V	33.00	x 3.50	VS	35.00	x 4.00	V	37.10	x 1.60	V
31.00	x 3.50	V	33.00	x 4.00	V	35.00	x 4.50	V	37.20	x 3.00	
31.00	x 4.00	V	33.00	x 4.50		35.00	x 5.00	V	37.20	x 5.70	
31.00	x 4.50	V	33.00	x 5.00	V	35.00	x 6.00	V	37.30	x 3.60	V
31.00	x 5.00	V	33.00	x 6.00	V	35.00	x 7.00		37.47	x 3.00	
31.00	x 6.00		33.00	x 7.00		35.00	x 8.00		37.47	x 5.33	VES
31.12	x 5.33	V	33.05	x 1.78	VE	35.10	x 1.60	V	37.50	x 1.50	V
31.20	x 3.00		33.30	x 2.40	V	35.20	x 5.70		37.50	x 2.00	V
31.34	x 3.53	VE	33.50	x 1.50	V	35.50	x 1.50		37.50	x 2.50	
31.42	x 2.62	V	33.50	x 2.00		35.50	x 2.00	V	37.50	x 3.00	V
31.47	x 1.78	VE	33.50	x 2.50		35.50	x 2.50		37.50	x 4.50	V
31.50	x 1.50		33.50	x 3.00		35.50	x 3.00	V	37.69	x 3.53	VES

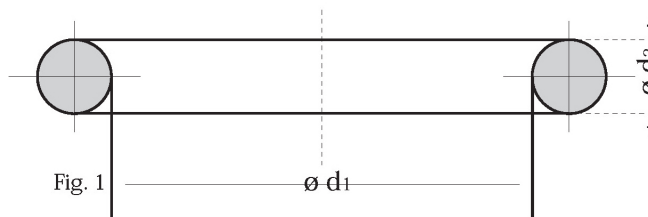
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
37.77	x 2.62	V	40.00	x 3.00	VE	42.52	x 2.62	VE	45.00	x 6.00	V
37.82	x 1.78	VE	40.00	x 3.50	VES	42.86	x 3.53	VE	45.00	x 7.00	
38.00	x 1.50	V	40.00	x 4.00	V	43.00	x 1.50	V	45.30	x 5.70	
38.00	x 2.00	V	40.00	x 4.50	V	43.00	x 2.00	V	45.36	x 3.53	S
38.00	x 2.50	V	40.00	x 5.00	VS	43.00	x 2.50	V	45.69	x 2.62	VE
38.00	x 3.00	V	40.00	x 5.50		43.00	x 3.00	VE	45.70	x 1.50	
38.00	x 3.50	VE	40.00	x 6.00	V	43.00	x 3.50	V	46.00	x 1.50	
38.00	x 4.00	V	40.00	x 7.00		43.00	x 4.00	V	46.00	x 2.00	V
38.00	x 4.50	V	40.50	x 4.50	V	43.00	x 4.50		46.00	x 2.50	V
38.00	x 5.00	V	40.64	x 5.33	VE	43.00	x 5.00	V	46.00	x 3.00	V
38.00	x 6.00	VE	40.87	x 3.53	VE	43.00	x 5.50		46.00	x 3.50	V
38.00	x 7.00		40.94	x 2.62	VES	43.00	x 6.00		46.00	x 4.00	V
38.50	x 1.50		41.00	x 1.50	V	43.69	x 3.00	V	46.00	x 4.50	V
38.50	x 2.00		41.00	x 1.78	VE	43.82	x 5.33	VES	46.00	x 5.00	V
38.50	x 2.50	V	41.00	x 2.00	V	44.00	x 1.50	V	46.00	x 6.00	
38.50	x 3.00	V	41.00	x 2.50	V	44.00	x 2.00	V	46.04	x 3.53	VE
39.00	x 1.50	V	41.00	x 3.00	V	44.00	x 2.50	V	46.99	x 5.33	VE
39.00	x 2.00	V	41.00	x 3.50	V	44.00	x 3.00	VE	47.00	x 1.50	V
39.00	x 2.50	V	41.00	x 4.00	V	44.00	x 3.50	V	47.00	x 2.00	V
39.00	x 3.00	VS	41.00	x 4.50	V	44.00	x 4.00	VE	47.00	x 2.50	V
39.00	x 3.20		41.00	x 5.00	V	44.00	x 4.50		47.00	x 3.00	V
39.00	x 3.50	V	41.00	x 6.00	VE	44.00	x 5.00		47.00	x 3.50	V
39.00	x 4.00	V	41.20	x 5.70		44.00	x 6.00	V	47.00	x 4.00	V
39.00	x 4.50	V	41.28	x 3.53	VE	44.00	x 6.50		47.00	x 4.50	V
39.00	x 5.00	V	41.50	x 3.00	V	44.04	x 3.53	VES	47.00	x 5.00	
39.00	x 5.50		41.50	x 6.00		44.12	x 2.62	VE	47.00	x 6.00	V
39.00	x 6.00		42.00	x 1.00		44.17	x 1.78	VE	47.00	x 9.00	
39.20	x 3.00	S	42.00	x 1.50	V	44.20	x 3.00	V	47.20	x 5.70	
39.20	x 5.70		42.00	x 2.00	V	44.20	x 5.70		47.22	x 3.53	V
39.34	x 2.62	VE	42.00	x 2.50	V	44.30	x 5.70	V	47.29	x 2.62	V
39.45	x 1.78	V	42.00	x 3.00	VE	44.45	x 3.53	V	47.35	x 1.78	V
39.50	x 1.50		42.00	x 3.50	V	44.50	x 3.00	V	47.62	x 3.53	VES
39.50	x 2.00	V	42.00	x 4.00	VE	45.00	x 1.50	V	48.00	x 1.50	V
39.50	x 2.50		42.00	x 4.50	V	45.00	x 2.00	VS	48.00	x 2.00	V
39.50	x 3.00	V	42.00	x 5.00	V	45.00	x 2.50	V	48.00	x 2.50	V
39.50	x 6.00		42.00	x 5.50		45.00	x 3.00	V	48.00	x 3.00	V
39.70	x 3.53	VE	42.00	x 6.00		45.00	x 3.50	VE	48.00	x 3.50	V
40.00	x 1.00		42.00	x 7.00		45.00	x 4.00	V	48.00	x 4.00	VE
40.00	x 1.50	V	42.00	x 3.00		45.00	x 4.50	V	48.00	x 4.50	V
40.00	x 2.00	VE	42.20	x 3.00	V	45.00	x 5.00	V	48.00	x 5.00	V
40.00	x 2.50	V	42.50	x 3.00	V	45.00	x 5.50		48.00	x 6.00	V

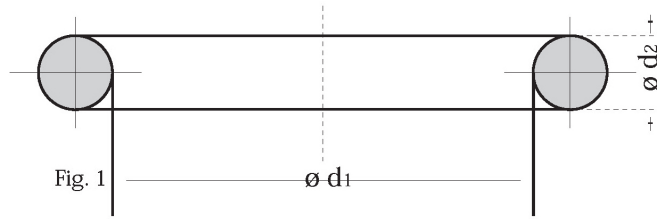
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.				
48.32	x	5.33	51.00	x	5.00	54.30	x	5.70	V	58.00	x	2.50	V		
48.90	x	2.62	VE	51.00	x	6.00	54.50	x	3.00	V	58.00	x	3.00	V	
49.00	x	1.50	V	51.20	x	5.70	54.60	x	2.40		58.00	x	3.50	V	
49.00	x	2.00	V	51.94	x	3.53	55.00	x	1.50	V	58.00	x	4.00	V	
49.00	x	2.50	V	52.00	x	1.50	V	55.00	x	2.00	VE	58.00	x	5.00	V
49.00	x	3.00	V	52.00	x	2.00	V	55.00	x	2.50	V	58.00	x	5.50	
49.00	x	3.50	V	52.00	x	2.50	V	55.00	x	3.00	VS	58.00	x	6.00	V
49.00	x	4.00		52.00	x	3.00	V	55.00	x	3.50	V	58.42	x	2.62	VS
49.00	x	4.50	V	52.00	x	3.50	V	55.00	x	4.00	VE	58.74	x	3.53	V
49.00	x	5.00	V	52.00	x	4.00	V	55.00	x	5.00	V	59.00	x	1.50	V
49.00	x	6.00		52.00	x	5.00	V	55.00	x	6.00		59.00	x	2.00	V
49.20	x	3.53	V	52.00	x	6.00	V	55.25	x	2.62	VE	59.00	x	2.50	
49.20	x	5.70	V	52.07	x	2.62	VE	55.30	x	3.50		59.00	x	3.00	V
49.30	x	3.00		52.30	x	5.70	V	55.30	x	5.70	V	59.00	x	3.50	
49.30	x	5.70		52.40	x	3.53	VE	55.56	x	3.53	V	59.00	x	4.00	
49.50	x	3.00	V	52.50	x	5.70		56.00	x	1.50	V	59.00	x	5.00	V
50.00	x	1.50	V	53.00	x	1.50	V	56.00	x	2.00	V	59.00	x	6.00	
50.00	x	2.00	V	53.00	x	2.00	V	56.00	x	2.50	V	59.20	x	5.70	V
50.00	x	2.50	V	53.00	x	2.50	V	56.00	x	3.00	V	59.30	x	5.70	V
50.00	x	3.00	VE	53.00	x	3.00	V	56.00	x	3.50	V	59.36	x	3.00	
50.00	x	3.50	V	53.00	x	3.50	V	56.00	x	4.00	V	59.50	x	3.00	V
50.00	x	4.00	V	53.00	x	4.00		56.00	x	4.50	V	59.50	x	6.00	
50.00	x	4.50	V	53.00	x	4.50		56.00	x	5.00		59.69	x	5.33	VES
50.00	x	5.00	V	53.00	x	5.00	V	56.00	x	6.00	V	59.70	x	5.70	
50.00	x	5.50		53.00	x	6.00		56.20	x	3.00		59.92	x	3.53	V
50.00	x	6.00	V	53.09	x	3.00		56.52	x	5.33	VES	59.99	x	2.62	V
50.00	x	6.50		53.34	x	5.33	VES	56.74	x	3.53	VES	59.99	x	5.33	
50.00	x	7.00		53.57	x	3.53	VES	56.82	x	2.62	VE	60.00	x	1.50	
50.17	x	5.33	VE	53.64	x	2.62	V	56.87	x	1.78	VE	60.00	x	2.00	VS
50.39	x	3.53	VE	53.70	x	1.78	V	57.00	x	1.50	V	60.00	x	2.50	VS
50.47	x	2.62	VS	53.97	x	3.53	V	57.00	x	2.00	V	60.00	x	3.00	V
50.50	x	3.00		54.00	x	1.50		57.00	x	2.50	V	60.00	x	3.50	V
50.52	x	1.78	V	54.00	x	2.00	VE	57.00	x	3.00	V	60.00	x	4.00	V
50.80	x	3.53	V	54.00	x	2.50	V	57.00	x	3.50	V	60.00	x	4.50	V
51.00	x	1.50	V	54.00	x	3.00	V	57.00	x	4.00	V	60.00	x	5.00	VS
51.00	x	2.00	V	54.00	x	3.50		57.00	x	4.50	V	60.00	x	6.00	
51.00	x	2.50	V	54.00	x	4.00	V	57.00	x	5.00	V	60.00	x	7.00	
51.00	x	3.00	V	54.00	x	5.00		57.00	x	6.00	V	60.00	x	8.00	
51.00	x	3.50	V	54.00	x	5.50		57.15	x	3.53	VE	60.05	x	1.78	V
51.00	x	4.00	V	54.00	x	6.00	V	58.00	x	1.50	V	60.32	x	3.53	V
51.00	x	4.50	V	54.00	x	7.00		58.00	x	2.00	VE	61.00	x	1.50	

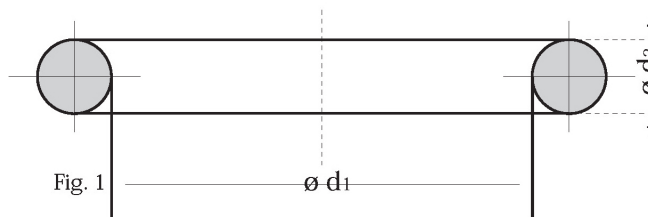
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
61.00	x 2.00	V	64.00	x 2.00	V	67.00	x 3.00	V	70.00	x 4.50	V
61.00	x 2.50	V	64.00	x 2.50	V	67.00	x 3.50		70.00	x 5.00	VS
61.00	x 3.00	V	64.00	x 3.00	VE	67.00	x 4.00	V	70.00	x 5.50	
61.00	x 3.20		64.00	x 3.20		67.00	x 5.00	V	70.00	x 6.00	
61.00	x 3.50	V	64.00	x 3.50	V	67.00	x 6.00		70.00	x 7.00	
61.00	x 4.00	V	64.00	x 4.00	VE	67.20	x 3.00		70.00	x 8.00	
61.00	x 4.50	V	64.00	x 4.50	V	67.20	x 5.70		70.00	x 10.00	
61.00	x 5.00		64.00	x 5.00		67.95	x 2.62	VES	71.00	x 1.50	
61.00	x 6.00		64.00	x 6.00	V	68.00	x 1.50		71.00	x 2.00	
61.20	x 5.70		64.20	x 5.70	V	68.00	x 2.00	V	71.00	x 2.50	V
61.60	x 2.40	V	64.30	x 5.70		68.00	x 2.50	V	71.00	x 3.00	V
61.60	x 2.62	V	64.77	x 2.62	VE	68.00	x 3.00	V	71.00	x 3.50	V
61.90	x 3.53	VE	65.00	x 1.50	V	68.00	x 3.50	V	71.00	x 4.00	
62.00	x 1.50	V	65.00	x 2.00	V	68.00	x 4.00	V	71.00	x 4.50	V
62.00	x 2.00	V	65.00	x 2.50	V	68.00	x 4.50	V	71.00	x 5.00	
62.00	x 2.50	V	65.00	x 3.00	V	68.00	x 5.00	V	71.12	x 2.62	V
62.00	x 3.00	VE	65.00	x 3.50		68.00	x 6.00		71.20	x 5.70	V
62.00	x 3.50		65.00	x 4.00	V	68.26	x 3.53	VE	71.44	x 3.53	
62.00	x 4.00	V	65.00	x 4.50	V	69.00	x 1.50		72.00	x 1.50	V
62.00	x 5.00	V	65.00	x 5.00	V	69.00	x 2.00	V	72.00	x 2.00	V
62.00	x 5.50		65.00	x 5.50		69.00	x 2.50		72.00	x 2.50	V
62.00	x 5.70		65.00	x 6.00	V	69.00	x 3.00	V	72.00	x 3.00	V
62.00	x 6.00	V	65.10	x 3.53	VE	69.00	x 3.50	V	72.00	x 3.50	V
62.20	x 5.70		66.00	x 1.50	V	69.00	x 4.00	V	72.00	x 4.00	V
62.30	x 5.70		66.00	x 2.00	V	69.00	x 4.50		72.00	x 5.00	V
62.87	x 5.33	V	66.00	x 2.50	V	69.00	x 5.00	V	72.00	x 6.00	V
63.00	x 1.50	V	66.00	x 3.00	V	69.00	x 5.70		72.00	x 7.00	
63.00	x 2.00	V	66.00	x 3.50		69.00	x 6.00	V	72.20	x 5.70	
63.00	x 2.50	V	66.00	x 4.00	V	69.22	x 5.33	VS	72.39	x 5.33	VE
63.00	x 3.00	V	66.00	x 4.50	VE	69.30	x 5.70	V	72.62	x 3.53	V
63.00	x 3.50		66.00	x 5.00		69.44	x 3.53	V	72.69	x 2.62	V
63.00	x 4.00	S	66.00	x 6.00	V	69.50	x 3.00	V	72.75	x 1.78	V
63.00	x 4.50	V	66.00	x 6.50		69.52	x 2.62	V	73.00	x 1.50	V
63.00	x 5.00	V	66.04	x 5.33	VE	69.57	x 1.78	V	73.00	x 2.00	V
63.00	x 5.50		66.27	x 3.53	V	69.85	x 3.53	V	73.00	x 2.50	V
63.00	x 6.00		66.34	x 2.62	V	70.00	x 1.50	V	73.00	x 3.00	V
63.09	x 3.53	V	66.40	x 1.78	VE	70.00	x 2.00	V	73.00	x 3.50	
63.17	x 2.62	V	66.67	x 3.53	V	70.00	x 2.50	V	73.00	x 4.00	V
63.22	x 1.78	V	67.00	x 1.50		70.00	x 3.00	V	73.00	x 4.50	V
63.50	x 3.53	V	67.00	x 2.00	V	70.00	x 3.50	V	73.00	x 5.00	
64.00	x 1.50	V	67.00	x 2.50		70.00	x 4.00	V	73.00	x 6.00	

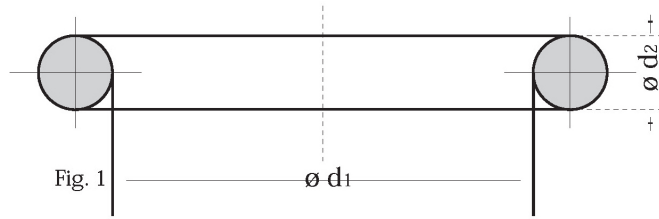
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
73.02	x 3.53	V	76.00	x 6.00	V	80.00	x 3.50	V	84.00	x 1.50	
74.00	x 1.50		77.00	x 1.50		80.00	x 4.00	V	84.00	x 2.00	V
74.00	x 2.00	V	77.00	x 2.00	V	80.00	x 4.50		84.00	x 2.50	V
74.00	x 2.50	V	77.00	x 2.50	V	80.00	x 5.00	VE	84.00	x 3.00	V
74.00	x 3.00	VS	77.00	x 3.00	VE	80.00	x 5.50	V	84.00	x 3.50	V
74.00	x 3.50	V	77.00	x 3.50	V	80.00	x 6.00	V	84.00	x 4.00	V
74.00	x 4.00	V	77.00	x 4.00	V	80.60	x 2.62	V	84.00	x 5.00	
74.00	x 4.50		77.00	x 5.00	V	81.00	x 1.50	V	84.00	x 6.00	V
74.00	x 5.00	V	77.20	x 5.70		81.00	x 2.00	V	84.10	x 5.70	
74.00	x 5.70		77.50	x 2.62	V	81.00	x 2.50	V	84.30	x 5.70	V
74.00	x 6.00	V	78.00	x 1.50	V	81.00	x 3.00		84.50	x 3.00	V
74.00	x 7.00		78.00	x 2.00	V	81.00	x 3.50	V	84.52	x 3.53	
74.20	x 5.70	E	78.00	x 2.50	V	81.00	x 4.00	V	85.00	x 1.50	V
74.30	x 2.62	V	78.00	x 3.00	V	81.00	x 4.50		85.00	x 2.00	V
74.30	x 5.70	V	78.00	x 3.50	V	81.00	x 5.00	V	85.00	x 2.50	V
74.60	x 3.53	V	78.00	x 4.00	V	81.00	x 6.00		85.00	x 3.00	V
74.63	x 5.33	VE	78.00	x 5.00	V	81.50	x 6.00		85.00	x 3.50	V
75.00	x 1.50	V	78.00	x 5.50		81.92	x 5.33	VE	85.00	x 4.00	V
75.00	x 2.00	V	78.00	x 6.00		82.00	x 1.50	V	85.00	x 4.50	
75.00	x 2.50	V	78.50	x 6.00		82.00	x 2.00	V	85.00	x 5.00	V
75.00	x 3.00	V	78.74	x 5.33	VS	82.00	x 2.50	V	85.00	x 5.50	
75.00	x 3.50	V	78.97	x 3.53	V	82.00	x 3.00	V	85.00	x 6.00	V
75.00	x 4.00	V	79.00	x 1.50	V	82.00	x 3.50		85.00	x 7.00	
75.00	x 4.50		79.00	x 1.78	V	82.00	x 4.00	V	85.09	x 5.33	V
75.00	x 5.00	V	79.00	x 2.00		82.00	x 5.00	V	85.32	x 3.53	VS
75.00	x 5.50	V	79.00	x 2.50	V	82.00	x 5.50		85.34	x 1.78	V
75.00	x 6.00	V	79.00	x 3.00	VS	82.00	x 7.00		86.00	x 1.50	V
75.00	x 7.00		79.00	x 3.50	E	82.14	x 3.53	V	86.00	x 2.00	V
75.00	x 8.00		79.00	x 4.00		82.20	x 5.70		86.00	x 2.50	V
75.57	x 5.33	V	79.00	x 5.00	V	82.22	x 2.62	VE	86.00	x 3.00	V
75.79	x 3.53	VE	79.00	x 5.70		82.27	x 1.78	VE	86.00	x 3.50	V
75.87	x 2.62	VE	79.00	x 6.00		83.00	x 1.50	V	86.00	x 4.00	V
75.92	x 1.78	V	79.00	x 7.00		83.00	x 2.00	V	86.00	x 4.50	
76.00	x 1.50	V	79.20	x 5.70	VE	83.00	x 2.50		86.00	x 5.00	
76.00	x 2.00	V	79.30	x 5.70		83.00	x 3.00	V	86.00	x 6.00	V
76.00	x 2.50	V	79.50	x 3.00	VE	83.00	x 3.50	V	86.00	x 7.00	
76.00	x 3.00	V	79.73	x 5.33	V	83.00	x 4.00	V	87.00	x 1.50	
76.00	x 3.50		80.00	x 1.50	V	83.00	x 4.50		87.00	x 2.00	V
76.00	x 4.00	V	80.00	x 2.00	VS	83.00	x 5.00	V	87.00	x 2.50	V
76.00	x 4.50	V	80.00	x 2.50	V	83.00	x 5.50		87.00	x 3.00	VS
76.00	x 5.00	V	80.00	x 3.00	VES	83.80	x 2.62		87.00	x 3.50	V

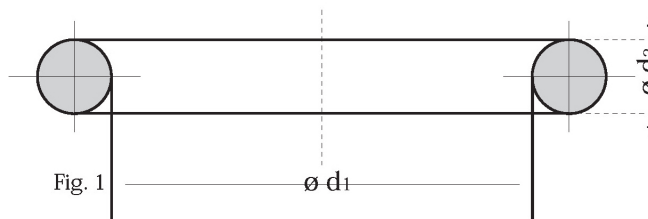
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
87.00	x 4.00		91.00	x 3.00		94.92	x 2.62	V	98.00	x 5.00	
87.00	x 5.00		91.00	x 3.50	V	94.97	x 1.78	V	98.00	x 6.00	
87.20	x 5.70		91.00	x 4.00		95.00	x 1.00		98.02	x 3.53	VS
88.00	x 1.50	V	91.00	x 5.00		95.00	x 1.50	V	98.05	x 1.78	V
88.00	x 2.00	V	91.44	x 5.33	VE	95.00	x 2.00	V	99.00	x 1.50	V
88.00	x 2.50	V	91.67	x 3.53	VS	95.00	x 2.50	V	99.00	x 2.00	V
88.00	x 3.00	VE	91.70	x 1.78	V	95.00	x 3.00	V	99.00	x 2.50	
88.00	x 3.50	V	92.00	x 1.50		95.00	x 3.50		99.00	x 3.00	V
88.00	x 4.00	V	92.00	x 2.00	V	95.00	x 4.00	V	99.00	x 3.50	
88.00	x 5.00	V	92.00	x 2.50	V	95.00	x 4.50	V	99.00	x 4.00	
88.00	x 6.00	V	92.00	x 3.00	VES	95.00	x 5.00	V	99.00	x 5.00	
88.27	x 5.33	VES	92.00	x 3.50	V	95.00	x 6.00		99.00	x 6.00	V
88.49	x 3.53	V	92.00	x 4.00	V	95.00	x 7.00		99.30	x 5.70	V
88.57	x 2.62	V	92.00	x 4.50		95.00	x 8.00		99.50	x 4.50	V
88.62	x 1.78	V	92.00	x 5.00	V	96.00	x 1.50		100.00	x 1.50	V
89.00	x 1.50	V	92.00	x 5.50		96.00	x 2.00	V	100.00	x 2.00	V
89.00	x 2.00		92.00	x 6.00		96.00	x 2.50	V	100.00	x 2.50	V
89.00	x 2.50		92.20	x 5.70		96.00	x 3.00	V	100.00	x 3.00	V
89.00	x 3.00	V	93.00	x 1.50		96.00	x 3.50	V	100.00	x 3.50	V
89.00	x 3.50	V	93.00	x 2.00	V	96.00	x 4.00	V	100.00	x 4.00	VE
89.00	x 4.00		93.00	x 2.50	V	96.00	x 5.00	V	100.00	x 4.50	V
89.00	x 4.50		93.00	x 3.00		96.00	x 6.00		100.00	x 5.00	V
89.00	x 5.00		93.00	x 3.50		96.00	x 7.00		100.00	x 5.33	
89.10	x 5.70		93.00	x 4.00	V	97.00	x 1.50	V	100.00	x 6.00	V
89.30	x 5.70	V	93.00	x 5.00		97.00	x 2.00	V	100.00	x 7.00	
89.50	x 3.00	V	93.00	x 6.00		97.00	x 2.50	V	100.00	x 8.00	
89.69	x 5.33	VS	93.50	x 4.50		97.00	x 3.00	V	100.00	x 10.00	
90.00	x 1.50	V	94.00	x 1.50	V	97.00	x 3.50	V	100.50	x 4.50	
90.00	x 2.00	V	94.00	x 2.00	V	97.00	x 4.00	VS	100.97	x 5.33	V
90.00	x 2.50	V	94.00	x 2.50	V	97.00	x 5.00	V	101.00	x 2.00	
90.00	x 3.00	V	94.00	x 3.00	V	97.20	x 5.70		101.00	x 2.50	V
90.00	x 3.50	V	94.00	x 3.50	V	97.50	x 4.50	V	101.00	x 3.00	V
90.00	x 4.00	VE	94.00	x 4.00		97.50	x 5.50		101.00	x 3.50	V
90.00	x 4.50	V	94.00	x 5.00	V	97.79	x 5.33	V	101.00	x 4.00	
90.00	x 5.00	V	94.00	x 5.70		98.00	x 1.50	V	101.00	x 4.50	V
90.00	x 5.50		94.00	x 7.00		98.00	x 2.00	V	101.00	x 5.00	
90.00	x 6.00	V	94.10	x 5.70		98.00	x 2.50	V	101.00	x 5.33	
90.00	x 7.00	V	94.30	x 5.70	V	98.00	x 3.00	VE	101.00	x 6.00	
91.00	x 1.50		94.50	x 3.00	VS	98.00	x 3.50	V	101.00	x 7.00	
91.00	x 2.00	V	94.62	x 5.33	VES	98.00	x 4.00	V	101.19	x 3.53	VE
91.00	x 2.50		94.84	x 3.53	VE	98.00	x 4.50	V	101.27	x 2.62	V

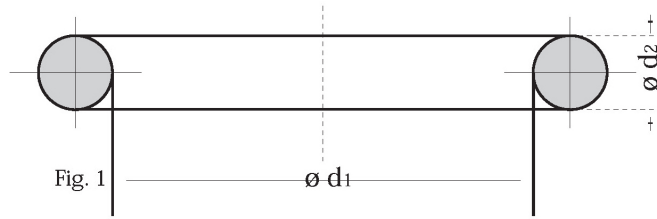
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
101.32	x 1.78	VES	106.00	x 4.00	V	111.00	x 2.50		115.00	x 7.00	
102.00	x 2.50	V	106.00	x 4.50		111.00	x 3.00	V	116.00	x 2.50	
102.00	x 3.00	V	106.00	x 5.00	V	111.00	x 3.50		116.00	x 3.00	V
102.00	x 3.50	V	106.00	x 6.00		111.00	x 4.00		116.00	x 3.50	
102.00	x 4.00	V	107.00	x 2.50		111.00	x 5.00		116.00	x 4.00	V
102.00	x 5.00		107.00	x 3.00	V	111.00	x 6.00		116.00	x 5.00	
103.00	x 2.00		107.00	x 3.50	V	112.00	x 2.50	VE	116.84	x 5.33	V
103.00	x 2.50		107.00	x 4.00		112.00	x 3.00	VS	116.84	x 6.99	V
103.00	x 3.00		107.00	x 5.00		112.00	x 3.50		117.00	x 2.50	V
103.00	x 3.50	V	107.32	x 5.33	V	112.00	x 4.00	V	117.00	x 3.00	
103.00	x 4.00	V	107.54	x 3.53	V	112.00	x 5.00	V	117.00	x 3.50	
103.00	x 5.00		107.62	x 2.62	V	112.00	x 6.00	V	117.00	x 4.00	V
103.00	x 6.00	V	107.67	x 1.78	V	113.00	x 2.50		117.00	x 5.00	
103.50	x 4.50		108.00	x 2.50	V	113.00	x 3.00		117.07	x 3.53	VS
104.00	x 2.50	V	108.00	x 3.00	V	113.00	x 3.50		117.10	x 1.78	V
104.00	x 3.00	V	108.00	x 3.50	V	113.00	x 4.00	V	117.48	x 5.33	V
104.00	x 3.50		108.00	x 4.00	V	113.00	x 5.00		118.00	x 2.00	
104.00	x 4.00	VE	108.00	x 5.00	V	113.67	x 5.33	V	118.00	x 2.50	V
104.00	x 5.00	V	108.00	x 6.00		113.67	x 6.99	V	118.00	x 3.00	V
104.00	x 5.70		109.00	x 2.50		113.89	x 3.53	V	118.00	x 3.50	
104.00	x 6.00	V	109.00	x 3.00	V	113.97	x 2.62	VS	118.00	x 4.00	V
104.10	x 5.70		109.00	x 3.50	V	114.00	x 2.50		118.00	x 4.50	
104.14	x 5.33	V	109.00	x 4.00		114.00	x 3.00	V	118.00	x 5.00	V
104.30	x 5.70	V	109.00	x 5.00		114.00	x 3.50		118.00	x 6.00	
104.37	x 3.53	V	109.00	x 5.70	V	114.00	x 4.00		119.00	x 2.50	
104.40	x 1.78	V	109.30	x 5.70		114.00	x 5.00	V	119.00	x 3.00	V
104.50	x 3.00	V	109.50	x 3.00	V	114.00	x 5.70		119.00	x 3.50	V
104.50	x 6.00	V	109.54	x 5.33	VS	114.00	x 6.00	V	119.00	x 4.00	V
105.00	x 2.00		110.00	x 2.00		114.02	x 1.78	V	119.00	x 5.00	
105.00	x 2.50	V	110.00	x 2.50	V	114.30	x 5.70	VS	119.00	x 5.70	
105.00	x 3.00	V	110.00	x 3.00	V	114.50	x 3.00	VES	119.30	x 5.70	V
105.00	x 3.50	V	110.00	x 3.50	V	114.70	x 6.99	V	119.50	x 3.00	V
105.00	x 4.00	V	110.00	x 4.00	V	115.00	x 2.00	V	120.00	x 2.00	
105.00	x 4.50	V	110.00	x 4.50	V	115.00	x 2.50	V	120.00	x 2.50	V
105.00	x 5.00	V	110.00	x 5.00	E	115.00	x 3.00	V	120.00	x 3.00	VS
105.00	x 6.00	V	110.00	x 5.50		115.00	x 3.50	V	120.00	x 3.50	V
105.00	x 7.00		110.00	x 6.00	V	115.00	x 4.00		120.00	x 4.00	V
106.00	x 2.00		110.00	x 8.00		115.00	x 4.50		120.00	x 4.50	V
106.00	x 2.50	V	110.49	x 5.33	VS	115.00	x 5.00	V	120.00	x 5.00	V
106.00	x 3.00	V	110.72	x 3.53	V	115.00	x 5.50		120.00	x 6.00	V
106.00	x 3.50		110.74	x 1.78	V	115.00	x 6.00		120.00	x 10.00	

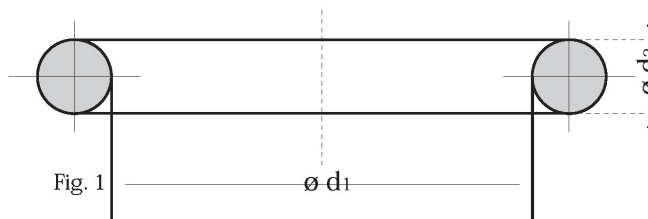
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
120.02	x 5.33	V	125.00	x 2.50	V	129.50	x 3.00	V	134.00	x 5.00	
120.02	x 6.99	V	125.00	x 3.00	V	129.54	x 5.33	V	134.00	x 6.00	
120.24	x 3.53	V	125.00	x 3.50	V	129.54	x 6.99	V	134.30	x 5.70	VS
120.32	x 2.62	V	125.00	x 4.00	V	129.77	x 3.53	V	134.50	x 3.00	V
120.37	x 1.78	VS	125.00	x 5.00	V	130.00	x 2.00		134.50	x 4.50	
120.65	x 5.33	V	125.00	x 6.00		130.00	x 2.50	V	134.50	x 6.99	V
121.00	x 2.50		125.60	x 2.00		130.00	x 3.00	V	135.00	x 2.00	
121.00	x 3.00		126.00	x 2.50		130.00	x 3.50		135.00	x 2.50	V
121.00	x 3.50	V	126.00	x 3.00	V	130.00	x 4.00	V	135.00	x 3.00	
121.00	x 4.00		126.00	x 3.50		130.00	x 4.50	V	135.00	x 3.50	V
121.00	x 5.00		126.00	x 4.00	V	130.00	x 5.00	V	135.00	x 4.00	VS
122.00	x 2.50		126.00	x 4.50		130.00	x 5.50		135.00	x 5.00	V
122.00	x 3.00	V	126.00	x 5.00	V	130.00	x 6.00	V	135.00	x 6.00	V
122.00	x 3.50		126.37	x 5.33	V	130.18	x 5.33		135.76	x 1.78	
122.00	x 4.00	V	126.37	x 6.99	V	131.00	x 2.50		135.89	x 5.33	V
122.00	x 4.50		126.59	x 3.53	V	131.00	x 3.00		135.89	x 6.99	VS
122.00	x 5.00	V	126.67	x 2.62	V	131.00	x 3.50		136.00	x 2.50	
122.00	x 6.00		126.72	x 1.78	V	131.00	x 4.00		136.00	x 3.00	
123.00	x 2.40		127.00	x 2.50		131.00	x 5.00		136.00	x 3.50	
123.00	x 2.50	V	127.00	x 3.00	V	131.50	x 4.50		136.00	x 4.00	
123.00	x 3.00	V	127.00	x 3.50	V	132.00	x 2.50	V	136.00	x 5.00	V
123.00	x 3.50		127.00	x 4.00	V	132.00	x 3.00	V	136.00	x 6.00	
123.00	x 4.00	V	127.00	x 5.00	V	132.00	x 3.50		136.12	x 3.53	V
123.00	x 5.00		127.00	x 5.33		132.00	x 4.00		136.53	x 5.33	
123.00	x 6.00		127.70	x 1.50		132.00	x 5.00	V	137.00	x 3.00	V
123.19	x 5.33	V	128.00	x 2.00		132.00	x 6.00	V	137.00	x 3.50	
123.19	x 6.99	V	128.00	x 2.50	V	132.72	x 5.33	V	137.00	x 4.00	
123.42	x 3.53	V	128.00	x 3.00	V	132.72	x 6.99	V	137.00	x 4.50	
123.44	x 1.78	V	128.00	x 3.50	V	132.94	x 3.53	VS	137.00	x 5.00	
123.83	x 5.33		128.00	x 3.55		133.00	x 2.50		137.00	x 8.00	
124.00	x 2.50		128.00	x 4.00	V	133.00	x 3.00	V	138.00	x 2.50	
124.00	x 3.00	V	128.00	x 4.50		133.00	x 3.50		138.00	x 3.00	V
124.00	x 3.50		128.00	x 5.00		133.00	x 4.00	V	138.00	x 3.50	V
124.00	x 4.00	V	128.00	x 6.00		133.00	x 5.00		138.00	x 4.00	
124.00	x 4.50		129.00	x 2.50		133.02	x 2.62	V	138.00	x 5.00	
124.00	x 5.00		129.00	x 3.00		133.04	x 1.78	V	138.00	x 6.00	V
124.00	x 6.00		129.00	x 3.50		133.35	x 5.33	V	138.94	x 1.78	V
124.30	x 5.70	V	129.00	x 4.00		134.00	x 2.50		139.00	x 2.50	
124.50	x 3.00		129.00	x 5.00	V	134.00	x 3.00		139.00	x 3.00	V
124.60	x 6.99	V	129.30	x 5.70	V	134.00	x 3.50		139.00	x 3.50	
125.00	x 2.00	V	129.40	x 1.78	V	134.00	x 4.00	V	139.00	x 4.00	

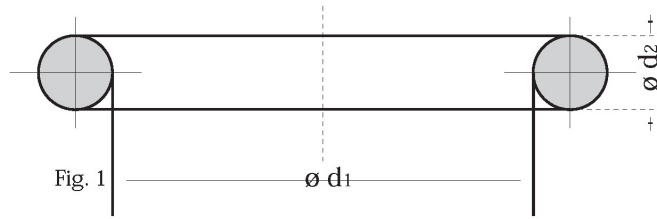
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.				
139.00	x	5.00	144.00	x	3.00	149.00	x	2.50	154.10	x	8.40				
139.07	x	5.33	V	144.00	x	3.50	149.00	x	3.00	154.30	x	5.70	V		
139.07	x	6.99	V	144.00	x	4.00	149.00	x	3.50	V	154.50	x	3.00	V	
139.20	x	6.00	144.00	x	4.50	149.00	x	4.00	154.81	x	1.78	V			
139.29	x	3.53	VE	144.00	x	5.00	V	149.00	x	5.00	155.00	x	3.00	V	
139.30	x	5.70	V	144.10	x	8.40	149.10	x	8.40	155.00	x	3.50	V		
139.37	x	2.62	VS	144.30	x	5.70	V	149.23	x	5.33	V	155.00	x	4.00	V
139.50	x	3.00	V	144.50	x	3.00	V	149.30	x	5.70	V	155.00	x	4.50	
139.70	x	5.33	V	145.00	x	2.50	V	150.00	x	2.00	155.00	x	5.00	V	
140.00	x	2.00	145.00	x	3.00	V	150.00	x	2.50	E	155.00	x	5.33		
140.00	x	2.50	V	145.00	x	3.50	V	150.00	x	3.00	V	155.00	x	6.00	V
140.00	x	3.00	V	145.00	x	4.00	V	150.00	x	3.50	155.50	x	6.00		
140.00	x	3.50	V	145.00	x	5.00	150.00	x	4.00	V	155.60	x	6.99	V	
140.00	x	4.00	V	145.00	x	6.00	150.00	x	4.50	156.00	x	2.50			
140.00	x	4.50	V	145.29	x	1.78	V	150.00	x	5.00	VS	156.00	x	3.00	V
140.00	x	5.00	V	145.42	x	5.33	V	150.00	x	5.50	156.00	x	3.50		
140.00	x	6.00	V	145.42	x	6.99	V	150.00	x	6.00	V	156.00	x	4.00	V
140.00	x	8.00	145.64	x	3.53	V	150.00	x	7.00	156.00	x	5.00			
140.50	x	4.50	145.72	x	2.62	V	151.00	x	3.00	V	156.00	x	6.00		
141.00	x	2.50	146.00	x	2.50	151.00	x	3.50	157.00	x	3.00	V			
141.00	x	3.00	146.00	x	3.00	V	151.00	x	4.00	157.00	x	3.50			
141.00	x	3.50	146.00	x	3.50	151.00	x	5.00	E	157.00	x	4.00			
141.00	x	4.00	146.00	x	4.00	V	151.64	x	1.78	V	157.00	x	4.50		
141.00	x	5.00	146.00	x	5.00	151.77	x	5.33	V	157.00	x	5.00			
142.00	x	2.50	146.00	x	6.00	151.77	x	6.99	V	157.00	x	6.00	V		
142.00	x	3.00	V	146.05	x	5.33	V	151.99	x	3.53	V	158.00	x	1.78	V
142.00	x	3.50	147.00	x	2.50	152.00	x	3.00	158.00	x	3.50				
142.00	x	4.00	V	147.00	x	3.00	152.00	x	3.50	V	158.00	x	4.00		
142.00	x	5.00	V	147.00	x	3.50	152.00	x	4.00	V	158.00	x	5.00		
142.00	x	6.00	V	147.00	x	4.00	152.00	x	5.00	V	158.00	x	6.00		
142.11	x	1.78	V	147.00	x	5.00	152.07	x	2.62	V	158.12	x	5.33	V	
142.24	x	5.33	V	148.00	x	2.50	153.00	x	3.00	V	158.12	x	6.99	V	
142.24	x	6.99	V	148.00	x	3.00	V	153.00	x	3.50	158.34	x	3.53	VS	
142.47	x	3.53	VE	148.00	x	3.50	V	153.00	x	4.00	158.42	x	2.62	V	
142.88	x	5.33	V	148.00	x	4.00	V	153.00	x	4.50	V	159.00	x	3.00	
143.00	x	2.50	148.00	x	5.00	153.00	x	5.00	159.00	x	3.50				
143.00	x	3.00	148.00	x	6.00	154.00	x	3.00	E	159.00	x	4.00	V		
143.00	x	3.50	148.46	x	1.78	154.00	x	3.50	159.00	x	5.00				
143.00	x	4.00	148.59	x	5.33	V	154.00	x	4.00	V	159.00	x	6.00		
143.00	x	5.00	V	148.59	x	6.99	V	154.00	x	5.00	159.30	x	5.70		
144.00	x	2.50	148.82	x	3.53	V	154.00	x	6.00	V	159.50	x	3.00		

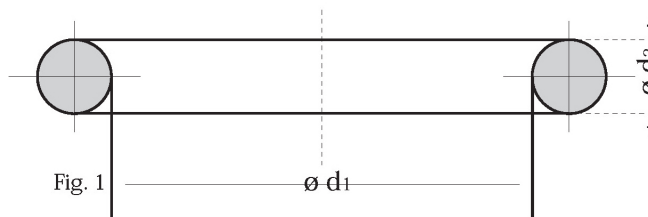
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
159.50	x 6.99	V	165.00	x 4.50		171.00	x 4.00		177.47	x 2.62	V
160.00	x 2.00		165.00	x 5.00	V	171.00	x 5.00		178.00	x 3.00	V
160.00	x 3.00	V	165.00	x 6.00		171.04	x 3.53	V	178.00	x 3.50	V
160.00	x 3.50	V	165.00	x 7.00		171.12	x 2.62	V	178.00	x 4.00	
160.00	x 4.00	V	165.40	x 5.33		172.00	x 3.00	V	178.00	x 4.50	
160.00	x 4.50	V	166.00	x 3.00	V	172.00	x 3.50		178.00	x 5.00	
160.00	x 5.00	V	166.00	x 3.50		172.00	x 4.00	V	179.00	x 3.00	
160.00	x 6.00		166.00	x 4.00	V	172.00	x 4.50		179.00	x 3.50	E
160.00	x 10.00		166.00	x 5.00		172.00	x 5.00	V	179.00	x 4.00	
161.00	x 3.00		166.00	x 6.00	V	172.00	x 6.00	V	179.00	x 5.00	V
161.00	x 3.50		166.70	x 6.99	V	173.00	x 3.00	V	179.30	x 5.70	V
161.00	x 4.00		167.00	x 3.00		173.00	x 3.50	V	179.50	x 3.00	
161.00	x 5.00		167.00	x 3.50		173.00	x 4.00		180.00	x 2.00	
161.16	x 1.78	V	167.00	x 4.00		173.00	x 5.00		180.00	x 3.00	V
161.30	x 5.33		167.00	x 5.00		173.87	x 1.78	V	180.00	x 3.50	V
161.90	x 6.99	V	167.51	x 1.78	V	174.00	x 3.00		180.00	x 4.00	V
162.00	x 3.00	V	167.70	x 5.33	V	174.00	x 3.50		180.00	x 4.50	
162.00	x 3.50	V	168.00	x 3.00	V	174.00	x 4.00	V	180.00	x 5.00	V
162.00	x 4.00		168.00	x 3.50		174.00	x 5.00		180.00	x 6.00	V
162.00	x 5.00	V	168.00	x 4.00		174.00	x 5.33	V	180.00	x 8.00	
162.00	x 6.00		168.00	x 5.00		174.10	x 8.40		181.00	x 3.00	V
162.50	x 2.50		168.30	x 6.99	V	174.30	x 5.70	V	181.00	x 3.50	
163.00	x 3.00	V	169.00	x 3.00		174.50	x 3.00	V	181.00	x 4.00	
163.00	x 3.50		169.00	x 3.50		174.60	x 6.99	V	181.00	x 5.00	
163.00	x 4.00		169.00	x 4.00	V	175.00	x 3.00		181.00	x 6.99	V
163.00	x 5.00		169.00	x 5.00	V	175.00	x 3.50	V	182.00	x 3.00	V
164.00	x 3.00		169.00	x 6.00		175.00	x 4.00	V	182.00	x 3.50	
164.00	x 3.50	V	169.30	x 5.70	V	175.00	x 5.00	V	182.00	x 4.00	
164.00	x 4.00		169.50	x 3.00		175.00	x 6.00		182.00	x 5.00	
164.00	x 5.00		170.00	x 3.00	V	176.00	x 3.00		182.00	x 6.00	V
164.10	x 8.40		170.00	x 3.50	V	176.00	x 3.50		182.00	x 8.00	
164.30	x 5.70	V	170.00	x 4.00	V	176.00	x 4.00		183.00	x 3.00	
164.34	x 1.78	V	170.00	x 5.00	V	176.00	x 5.00		183.00	x 3.50	
164.47	x 5.33	V	170.00	x 6.00	V	176.00	x 6.00		183.00	x 4.00	
164.47	x 6.99	VE	170.00	x 7.00		177.00	x 3.00	V	183.00	x 5.00	
164.50	x 3.00	V	170.00	x 10.00		177.00	x 3.50		183.52	x 5.33	V
164.69	x 3.53	VE	170.69	x 1.78	V	177.00	x 4.00	V	183.52	x 6.99	V
164.77	x 2.62	V	170.82	x 5.33	V	177.00	x 5.00		183.74	x 3.53	V
165.00	x 3.00	V	170.82	x 6.99	V	177.17	x 5.33	V	183.82	x 2.62	V
165.00	x 3.50	V	171.00	x 3.00		177.17	x 6.99	V	184.00	x 3.00	V
165.00	x 4.00	VE	171.00	x 3.50		177.39	x 3.53	VS	184.00	x 3.50	

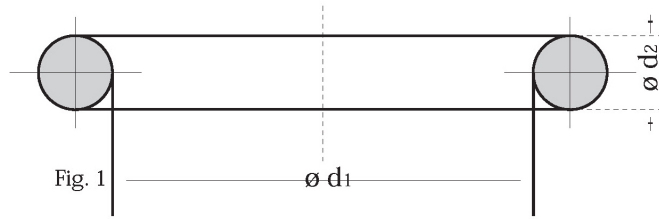
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
184.00	x 4.00		190.00	x 4.00	V	196.52	x 2.62	V	203.00	x 6.00	
184.00	x 5.00		190.00	x 5.00	V	197.00	x 3.00		203.50	x 6.00	
184.00	x 6.00	V	190.00	x 6.00	V	197.00	x 3.50		204.00	x 3.00	
184.10	x 8.40	V	190.09	x 3.53	VS	197.00	x 4.00		204.00	x 3.50	
184.30	x 5.70	V	190.17	x 2.62	V	197.00	x 5.00		204.00	x 4.00	
184.50	x 3.00		191.00	x 3.00		198.00	x 3.00		204.00	x 5.00	
185.00	x 3.00	V	191.00	x 3.50		198.00	x 3.50	V	204.00	x 6.00	
185.00	x 3.50		191.00	x 4.00		198.00	x 4.00	V	204.20	x 5.70	
185.00	x 4.00	V	191.00	x 5.00		198.00	x 5.00	V	204.50	x 3.00	
185.00	x 4.50		191.20	x 6.00		198.00	x 6.00		205.00	x 3.00	
185.00	x 5.00	V	192.00	x 3.00	V	199.00	x 3.00		205.00	x 3.50	
185.00	x 6.00		192.00	x 3.50		199.00	x 3.50		205.00	x 4.00	
186.00	x 3.00		192.00	x 4.00	V	199.00	x 4.00		205.00	x 5.00	
186.00	x 3.50	V	192.00	x 4.50		199.00	x 5.00		205.00	x 6.00	
186.00	x 4.00		192.00	x 5.00		199.30	x 5.70	V	206.00	x 3.00	
186.00	x 4.50		193.00	x 3.00		199.50	x 3.00	V	206.00	x 3.50	
186.00	x 5.00		193.00	x 3.50		200.00	x 3.00		206.00	x 4.00	
187.00	x 3.00		193.00	x 4.00		200.00	x 3.50		206.00	x 5.00	
187.00	x 3.50	V	193.00	x 5.00		200.00	x 4.00	V	206.00	x 7.00	
187.00	x 4.00	V	193.00	x 6.00		200.00	x 5.00	V	207.00	x 3.00	
187.00	x 5.00		193.70	x 6.99	V	200.00	x 6.00	V	207.00	x 3.50	
187.30	x 6.99	V	194.00	x 2.00		200.00	x 6.99		207.00	x 4.00	V
188.00	x 2.00		194.00	x 3.00	V	200.00	x 7.00		207.00	x 5.00	
188.00	x 3.00	V	194.00	x 3.50		200.00	x 8.00		208.00	x 3.00	
188.00	x 3.50		194.00	x 4.00		201.00	x 3.00		208.00	x 3.50	
188.00	x 4.00		194.00	x 5.00		201.00	x 3.50		208.00	x 4.00	
188.00	x 5.00		194.30	x 5.70	V	201.00	x 4.00		208.00	x 4.50	
188.00	x 6.00		194.50	x 3.00		201.00	x 5.00		208.00	x 5.00	
189.00	x 3.00		195.00	x 3.00	V	201.00	x 6.00		208.00	x 6.00	
189.00	x 3.50		195.00	x 3.50		202.00	x 3.00	V	208.92	x 5.33	V
189.00	x 4.00		195.00	x 4.00	V	202.00	x 3.50		208.92	x 6.99	V
189.00	x 5.00		195.00	x 5.00	V	202.00	x 4.00		209.00	x 3.00	
189.10	x 8.40	E	195.00	x 6.00		202.00	x 5.00		209.00	x 4.00	
189.30	x 5.70		196.00	x 3.00		202.00	x 5.50		209.00	x 5.00	
189.50	x 3.00		196.00	x 3.50	V	202.57	x 5.33	V	209.14	x 3.53	V
189.50	x 4.50		196.00	x 4.00		202.57	x 6.99	VE	209.22	x 2.62	V
189.87	x 5.33	V	196.00	x 5.00		202.79	x 3.53	V	209.30	x 5.70	V
189.87	x 6.99	VE	196.00	x 6.00		202.87	x 2.62	V	209.50	x 3.00	V
190.00	x 2.00		196.22	x 5.33	V	203.00	x 3.00	V	210.00	x 3.00	
190.00	x 3.00	V	196.22	x 6.99	V	203.00	x 4.00		210.00	x 3.50	
190.00	x 3.50		196.44	x 3.53	V	203.00	x 5.00		210.00	x 4.00	V

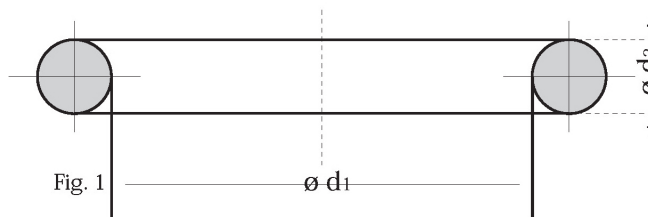
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
210.00	x 5.00	VS	218.00	x 7.00		225.00	x 4.50		233.00	x 3.00	
210.00	x 6.00		218.50	x 4.50		225.00	x 5.00	V	233.00	x 3.50	
210.00	x 8.00		219.00	x 3.00		225.00	x 6.00	V	233.00	x 4.00	
211.00	x 3.00		219.00	x 3.50		226.00	x 3.00		233.00	x 5.00	
211.00	x 3.50		219.00	x 4.00		226.00	x 3.50	V	234.00	x 3.00	V
211.00	x 4.00		219.00	x 5.00		226.00	x 4.00		234.00	x 4.00	
212.00	x 3.00		219.10	x 8.00		226.00	x 5.00		234.00	x 5.00	
212.00	x 3.50		219.10	x 8.40		226.00	x 6.00		234.32	x 5.33	V
212.00	x 5.00	V	219.30	x 5.70	VS	227.00	x 3.00		234.32	x 6.99	V
212.00	x 6.00	V	219.50	x 3.00		227.00	x 3.50		234.54	x 3.53	V
213.00	x 3.00		220.00	x 3.00		227.00	x 4.00		234.62	x 2.62	V
213.00	x 3.50		220.00	x 3.50	V	227.00	x 4.50		235.00	x 3.00	V
213.00	x 4.00		220.00	x 4.00	V	227.00	x 5.00		235.00	x 4.00	V
213.00	x 5.00		220.00	x 5.00	V	227.97	x 5.33	V	235.00	x 5.00	V
214.00	x 3.00	V	220.00	x 6.00	V	227.97	x 6.99	V	235.00	x 6.00	
214.00	x 3.50		221.00	x 3.00		228.00	x 3.00		235.00	x 8.00	
214.00	x 4.00		221.00	x 3.50		228.00	x 4.00		236.00	x 3.00	
215.00	x 3.00	V	221.00	x 4.00		228.00	x 5.00		236.00	x 3.50	
215.00	x 3.50		221.00	x 5.00		228.19	x 3.53	V	236.00	x 4.00	
215.00	x 4.00		221.00	x 6.00		228.27	x 2.62	V	236.00	x 5.00	
215.00	x 5.00	V	221.50	x 5.70		229.00	x 3.00	V	236.00	x 6.00	
215.00	x 6.00	V	221.62	x 5.33	VE	229.00	x 3.50		236.00	x 7.00	
215.00	x 7.00		221.62	x 6.99	V	229.00	x 4.00		237.00	x 3.00	
215.27	x 5.33	V	221.84	x 3.53	V	229.00	x 5.00		237.00	x 3.50	
215.27	x 6.99	V	221.92	x 2.62	V	229.00	x 6.00	V	237.00	x 4.00	
215.49	x 3.53	V	222.00	x 3.00		229.30	x 5.70	V	237.00	x 5.00	
215.57	x 2.62	V	222.00	x 3.50		229.50	x 3.00		237.00	x 6.00	V
216.00	x 3.00	V	222.00	x 4.00		230.00	x 3.00	V	238.00	x 3.00	
216.00	x 3.50		222.00	x 5.00		230.00	x 3.50		238.00	x 3.50	
216.00	x 5.00		223.00	x 3.00		230.00	x 5.00	V	238.00	x 4.00	
216.00	x 6.00		223.00	x 3.50		230.00	x 6.00	V	238.00	x 5.00	
217.00	x 3.00		223.00	x 4.00		230.00	x 7.00		238.00	x 6.00	
217.00	x 3.50		223.00	x 5.00		230.00	x 10.00		238.00	x 8.00	
217.00	x 4.00		224.00	x 3.00		231.00	x 3.00		238.59	x 3.53	
217.00	x 5.00	V	224.00	x 3.50		231.00	x 3.50		239.00	x 3.00	
217.00	x 6.00	V	224.00	x 4.00		231.00	x 4.00		239.00	x 3.50	
218.00	x 3.00		224.00	x 5.00		231.00	x 5.00		239.00	x 4.00	
218.00	x 3.50	E	224.00	x 7.00	V	232.00	x 3.00		239.00	x 5.00	
218.00	x 4.00		225.00	x 3.00	V	232.00	x 3.50		239.30	x 5.70	V
218.00	x 5.00		225.00	x 3.50		232.00	x 4.00		239.50	x 3.00	
218.00	x 6.00	V	225.00	x 4.00	V	232.00	x 5.00	V	240.00	x 3.00	

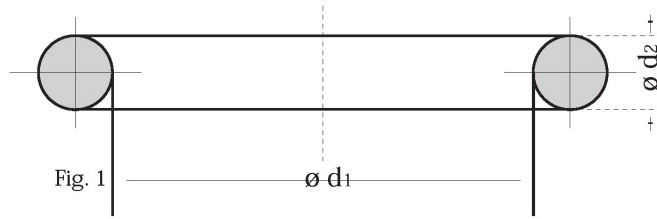
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
240.00	x 3.50		247.26	x 3.53	V	256.00	x 5.00		266.07	x 6.99	V
240.00	x 4.00	V	247.32	x 2.62	V	257.00	x 3.00		266.29	x 3.53	V
240.00	x 5.00	V	248.00	x 3.00		257.00	x 3.50		267.00	x 3.50	
240.67	x 5.33	V	248.00	x 3.50		257.00	x 4.00		267.00	x 4.00	V
240.67	x 6.99	V	248.00	x 4.00		257.00	x 5.00		267.00	x 4.50	
240.89	x 3.53	V	248.00	x 5.00	V	258.00	x 3.50		267.00	x 5.00	
240.97	x 2.62	V	249.00	x 3.00		258.00	x 4.00		268.00	x 3.50	
241.00	x 3.00		249.00	x 3.50		258.00	x 5.00		268.00	x 4.00	
241.00	x 3.50		249.00	x 4.00		258.00	x 6.00	V	268.00	x 5.00	
241.00	x 4.00		249.00	x 5.00		258.00	x 7.00		269.00	x 3.50	
241.00	x 5.00		249.00	x 6.00		259.00	x 3.50		269.00	x 5.00	
242.00	x 3.00	V	249.10	x 8.40	V	259.00	x 4.00		269.30	x 5.70	V
242.00	x 3.50		249.30	x 5.70	V	259.00	x 5.00		270.00	x 3.50	
242.00	x 4.00		249.30	x 3.00		259.00	x 6.00		270.00	x 4.00	V
242.00	x 5.00		250.00	x 3.00		259.30	x 5.70	V	270.00	x 5.00	V
242.00	x 6.00	V	250.00	x 3.50		259.70	x 6.99	V	270.00	x 6.00	
242.00	x 8.00		250.00	x 4.00	V	260.00	x 3.00		271.00	x 3.50	E
243.00	x 3.00		250.00	x 4.50		260.00	x 3.50		271.00	x 4.00	
243.00	x 3.50		250.00	x 5.00	V	260.00	x 4.00		271.00	x 5.00	
243.00	x 4.00		250.00	x 6.00		260.00	x 5.00		272.00	x 3.50	
243.00	x 5.00	V	250.00	x 7.00		260.00	x 6.00		272.00	x 4.00	
243.00	x 7.00		251.00	x 3.50		261.00	x 3.50	V	272.00	x 5.00	
244.00	x 3.00		251.00	x 4.00	V	261.00	x 4.00	V	272.40	x 6.99	V
244.00	x 3.50		251.00	x 5.00		261.00	x 5.00	V	273.00	x 4.00	
244.00	x 4.00	V	252.00	x 3.50		262.00	x 3.50		274.00	x 3.50	
244.00	x 5.00		252.00	x 4.00	V	262.00	x 4.00		274.00	x 4.00	
244.00	x 6.00	V	252.00	x 5.00		262.00	x 5.00		274.00	x 5.00	
245.00	x 3.00	V	253.00	x 3.50		262.00	x 6.00	V	275.00	x 3.50	
245.00	x 3.50	V	253.00	x 4.00		263.00	x 3.50		275.00	x 4.00	V
245.00	x 4.00		253.00	x 5.00		263.00	x 4.00		275.00	x 5.00	V
245.00	x 5.00	V	253.37	x 5.33	V	263.00	x 5.00		276.00	x 3.50	E
246.00	x 3.00		253.37	x 6.99	V	264.00	x 3.50		276.00	x 4.00	
246.00	x 3.50		253.59	x 3.53	V	264.00	x 4.00		276.00	x 5.00	
246.00	x 4.00		254.00	x 3.50		265.00	x 4.00	V	277.00	x 3.50	
246.00	x 5.00	V	254.00	x 4.00		265.00	x 5.00	VS	277.00	x 4.00	V
247.00	x 3.00		254.00	x 5.00		265.00	x 6.00		277.00	x 5.00	
247.00	x 4.00		255.00	x 3.50		266.00	x 3.50		277.24	x 3.53	
247.00	x 5.00		255.00	x 4.00	V	266.00	x 4.00		278.00	x 3.50	
247.00	x 6.00	V	255.00	x 5.00	V	266.00	x 5.00		278.00	x 4.00	
247.00	x 6.99	V	256.00	x 3.50		266.00	x 6.00		278.00	x 5.00	
247.02	x 5.33	V	256.00	x 4.00		266.07	x 5.33	V	278.77	x 5.33	VE

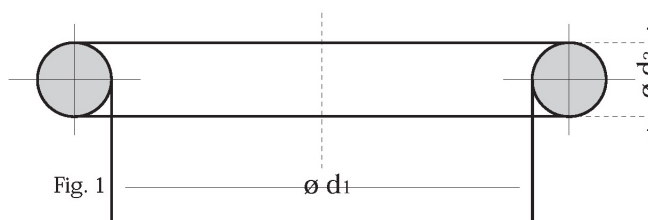
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
278.77	x 6.99	V	289.00	x 3.50		300.00	x 6.00	V	318.00	x 4.00	
278.99	x 3.53	V	289.00	x 4.00		300.00	x 7.00	V	318.00	x 5.00	
279.00	x 4.00		289.00	x 5.00		302.00	x 4.00		319.30	x 5.70	V
279.00	x 5.00		289.30	x 5.70	V	302.00	x 5.00		320.00	x 3.00	
279.30	x 5.70	V	290.00	x 3.00		303.00	x 3.50		320.00	x 3.50	V
280.00	x 3.00	V	290.00	x 3.50		303.00	x 5.00		320.00	x 4.00	V
280.00	x 3.50		290.00	x 4.00	V	304.00	x 3.50		320.00	x 5.00	V
280.00	x 4.00	V	290.00	x 5.00	V	304.00	x 4.00		320.00	x 6.00	V
280.00	x 4.50		290.00	x 6.00	V	304.17	x 5.33	V	320.00	x 8.00	
280.00	x 5.00	V	290.00	x 7.00		304.17	x 6.99	V	321.00	x 5.00	
280.00	x 6.00		290.00	x 8.40		304.39	x 3.53	V	322.00	x 3.50	
280.00	x 7.00		291.00	x 3.50		305.00	x 3.50		322.00	x 4.00	
280.00	x 8.00		291.00	x 5.00		305.00	x 4.00		324.00	x 5.00	
281.00	x 3.50		291.47	x 5.33	V	305.00	x 5.00	V	325.00	x 3.50	
281.00	x 4.00		291.47	x 6.99	V	305.00	x 6.00	V	325.00	x 4.00	
281.00	x 5.00		291.69	x 3.53	V	306.00	x 5.00		325.00	x 5.00	
282.00	x 3.50		292.00	x 3.50		307.00	x 4.00		325.00	x 6.00	V
282.00	x 4.00		292.00	x 4.00		307.00	x 7.00		325.00	x 7.00	
282.00	x 5.00		293.00	x 3.50		308.00	x 3.50		327.00	x 3.50	
283.00	x 3.50		293.00	x 4.00		309.00	x 4.00		327.00	x 4.00	
283.00	x 4.00		293.00	x 5.00		309.30	x 5.70		328.00	x 3.50	
283.00	x 5.00		294.00	x 4.00		310.00	x 3.00		328.00	x 5.00	
284.00	x 3.50		294.00	x 5.00		310.00	x 3.50	V	329.30	x 5.70	
284.00	x 4.00	V	294.00	x 6.00		310.00	x 4.00		329.57	x 5.33	V
284.00	x 5.00		295.00	x 4.00		310.00	x 5.00		329.57	x 6.99	V
284.00	x 6.00		295.00	x 5.00	V	310.00	x 6.00		329.79	x 3.53	V
285.00	x 3.50		295.00	x 6.00		310.50	x 6.99		330.00	x 3.50	
285.00	x 4.00	V	296.00	x 3.50		311.00	x 6.00		330.00	x 4.00	
285.00	x 5.00	V	296.00	x 5.00		312.00	x 3.50		330.00	x 5.00	V
285.00	x 6.00		297.00	x 3.50		312.00	x 4.00		330.00	x 6.00	
285.10	x 6.99	V	297.00	x 4.00		314.00	x 3.50	V	332.00	x 3.50	
286.00	x 3.50		297.00	x 5.00		314.00	x 4.00		335.00	x 4.00	
286.00	x 4.00		297.80	x 6.99	V	315.00	x 3.50	V	335.00	x 5.00	V
286.00	x 5.00		298.00	x 3.50		315.00	x 4.00		335.00	x 6.00	
287.00	x 3.50		298.00	x 4.00		315.00	x 4.50		335.90	x 6.99	
287.00	x 5.00		299.00	x 3.50		315.00	x 5.00	V	336.00	x 3.50	
288.00	x 3.50		299.00	x 4.00		316.00	x 5.00		337.00	x 4.00	
288.00	x 3.53		299.30	x 5.70	V	316.87	x 6.99	V	338.00	x 5.00	
288.00	x 4.00		300.00	x 3.00		317.00	x 3.50		339.30	x 5.70	
288.00	x 5.00		300.00	x 3.50		317.00	x 4.00		340.00	x 3.50	
288.00	x 6.00		300.00	x 4.50		317.00	x 5.00		340.00	x 4.00	

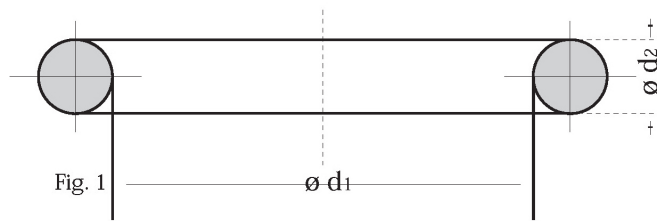
O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.	d1	d2	Mat.
340.00	x 5.00	V	372.00	x 3.50		400.00	x 3.50		440.00	x 8.00	
340.00	x 6.00	V	375.00	x 4.00		400.00	x 4.00	V	443.36	x 6.99	V
342.00	x 4.00		375.00	x 5.00		400.00	x 5.00		445.00	x 4.00	
342.00	x 5.00		375.00	x 6.00		400.00	x 6.00	V	446.00	x 4.00	
342.27	x 6.99	V	375.00	x 6.99		404.00	x 4.00		450.00	x 4.00	
344.00	x 3.50		376.00	x 3.50	V	405.00	x 3.50		450.00	x 6.00	V
345.00	x 4.00		376.00	x 6.00		405.00	x 4.00	V	450.00	x 7.00	
345.00	x 5.00	V	378.00	x 4.00		405.26	x 3.53	V	456.06	x 3.53	V
345.00	x 6.00	V	378.00	x 5.00		405.26	x 5.33	V	456.06	x 5.33	V
346.00	x 4.00		380.00	x 4.00		405.26	x 6.99	V	456.06	x 6.99	V
348.00	x 6.00		380.00	x 5.00		408.00	x 3.50		457.20	x 7.00	V
349.00	x 3.50		380.37	x 5.33	V	410.00	x 4.00		459.30	x 5.70	
349.00	x 4.00		380.37	x 6.99	V	412.00	x 4.00		460.00	x 4.00	
350.00	x 3.50		380.59	x 3.53	V	412.00	x 7.00		460.00	x 8.00	
350.00	x 4.00	V	382.00	x 4.00	V	413.00	x 3.50		462.00	x 7.00	
350.00	x 5.00	V	383.00	x 3.50	V	414.00	x 3.50		464.00	x 4.00	
350.00	x 6.00		384.00	x 3.50		414.00	x 4.00		465.00	x 4.00	
354.97	x 5.33	V	384.00	x 8.40		415.00	x 3.50		468.00	x 4.00	
354.97	x 6.99	V	385.00	x 4.00		415.00	x 4.00		468.76	x 6.99	
355.00	x 4.00		385.00	x 5.00		415.00	x 6.00		470.00	x 4.00	
355.00	x 5.00		385.00	x 6.00		417.00	x 3.50		470.00	x 6.00	V
355.00	x 6.00		386.00	x 4.00		417.96	x 6.99	V	474.00	x 4.00	
355.19	x 3.53	V	386.00	x 6.00		419.30	x 5.70		478.00	x 6.00	
358.00	x 4.00		388.00	x 3.50		420.00	x 4.00		479.30	x 5.70	
358.00	x 6.00	V	388.00	x 7.00	V	421.00	x 3.50		480.00	x 4.00	
359.30	x 5.70	V	390.00	x 3.50		422.00	x 6.00		481.41	x 5.33	V
360.00	x 3.50		390.00	x 4.00		424.00	x 3.50		481.46	x 6.99	V
360.00	x 4.00	S	390.00	x 5.00		425.00	x 3.50		485.00	x 4.00	
360.00	x 5.00		390.00	x 6.00	V	426.00	x 3.50		486.00	x 6.00	
360.00	x 6.00		391.00	x 3.50		429.00	x 6.00	V	487.00	x 7.00	
360.00	x 8.00		392.00	x 3.50		430.00	x 4.00		490.00	x 4.00	
363.00	x 3.50		392.00	x 4.00		430.66	x 3.53	V	490.00	x 5.00	
365.00	x 3.50		393.00	x 3.50		430.66	x 5.33	V	494.16	x 6.99	V
365.00	x 5.00		393.07	x 6.99		430.66	x 6.99	V	495.00	x 4.00	
365.00	x 7.00		395.00	x 4.00		434.00	x 4.00		499.30	x 5.70	V
367.00	x 3.50		395.00	x 5.00	V	437.00	x 7.00	V	500.00	x 4.00	
367.67	x 6.99	V	395.00	x 6.00	V	438.00	x 3.50		500.00	x 6.00	
368.00	x 6.00		397.07	x 6.99	V	439.00	x 4.00		500.00	x 7.00	
370.00	x 4.00	V	398.00	x 4.00		439.30	x 5.70	V	500.00	x 8.00	
370.00	x 6.00		399.00	x 3.50		440.00	x 3.50		505.00	x 6.00	
371.00	x 3.50		399.30	x 5.70		440.00	x 5.00		506.81	x 5.33	V

O-RING



Sizes V - Viton E - Epdm S - Silicone

d1	d2	Mat.
506.86	x 6.99	V
510.00	x 6.00	
515.00	x 7.00	V
530.00	x 4.00	
530.00	x 6.00	
530.00	x 7.00	
532.21	x 5.33	V
532.26	x 6.99	V
540.00	x 10.00	
550.00	x 8.00	
555.00	x 6.00	
557.61	x 5.33	V
557.66	x 6.99	V
560.00	x 6.00	V
560.00	x 7.00	V
569.00	x 6.00	
579.00	x 6.00	
582.68	x 5.33	V
582.68	x 6.99	V
596.27	x 6.99	
600.00	x 4.00	
608.08	x 5.33	
608.08	x 6.99	V
615.00	x 7.00	
630.00	x 7.00	
633.48	x 5.33	V
633.48	x 6.99	V
647.00	x 7.00	V
658.88	x 5.33	V
658.88	x 6.99	V

Only standard market measures can be found in this catalogue. Additional sizes in different types of materials are available, and approximately 200 new sizes are added each year, based on client requests.

Any size with vulcanised, injected or **JET-SEAL** machining moulds in any type of material can be manufactured upon request, by simply providing the diagrams.