
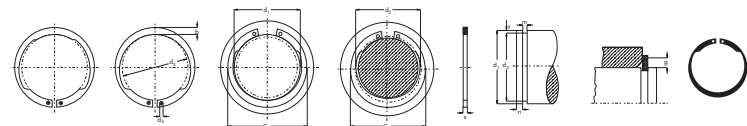


V-Rings for shafts


M1408 / AV



d ₁	Part Number	s	Tolerance	d ₃	Tolerance	b	Tolerance	d ₅ min.	C ₁	C ₂	Weight [kg / 1000]
10	AV10	0.60	- 0.05	9.2	+0.10	1.8	+0.1	1.0	13.9	13.3	0.25
12	AV12	1.00	- 0.06	11.0	- 0.36	2.1		1.3	16.5	15.9	0.50
13	AV13	1.00		11.9		2.1		1.3	17.5	16.8	0.56
14	AV14	1.00		12.9		2.1		1.3	18.5	17.8	0.58
15	AV15	1.00		13.8		2.2		1.3	20.1	19.3	0.66
16	AV16	1.00		14.7		2.3		1.3	21.3	20.4	0.72
17	AV17	1.00		15.7		2.4		1.3	22.1	21.2	0.81
18	AV18	1.20		16.5		2.6		1.5	23.5	22.4	1.14
20	AV20	1.20		18.5	+0.13	2.8		1.5	25.9	24.8	1.43
21	AV21	1.20		19.35	- 0.42	2.8		1.5	27.0	25.8	1.53
22	AV22	1.20		20.5		3.0		1.5	28.7	27.2	1.63
23	AV23	1.20		21.5	+0.21	3.1		1.5	29.5	28.4	1.78
24	AV24	1.20		22.2	- 0.42	3.2		1.5	30.7	29.5	1.90
25	AV25	1.20		23.2		3.4		1.5	32.7	31.5	2.10
26	AV26	1.20		24.2		3.5		1.5	33.3	32.1	2.18
28	AV28	1.50		25.9		3.8		2.0	35.9	34.4	3.18
30	AV30	1.50		27.9		3.9		2.0	38.1	36.6	3.58
32	AV32	1.50		29.6		4.0		2.0	40.3	38.5	3.88
34	AV34	1.50		31.5	+0.25	3.5		2.0	41.3	39.5	3.60
35	AV35	1.50		32.2	- 0.50	4.2		2.0	43.7	41.6	4.53
38	AV38	1.75		34.5		4.5		2.0	47.6	45.0	5.50
40	AV40	1.75		36.5	+0.39	4.7	+0.2	2.0	50.0	47.3	6.49
42	AV42	1.75		38.5	- 0.90	4.7		2.0	52.0	49.3	6.51
45	AV45	1.75		41.5		4.7		2.0	55.0	52.3	7.80
47	AV47	1.75		43.5		5.0		2.0	57.6	54.9	8.09
48	AV48	1.75		44.5		5.2		2.0	59.0	56.3	8.48
50	AV50	2.00	- 0.07	45.8		5.2		2.5	61.0	57.8	9.84
55	AV55	2.00		50.8	+0.46	5.8		2.5	67.2	64.0	11.42
58	AV58	2.00		53.8	- 1.10	5.8		2.5	70.2	67.0	13.00
60	AV60	2.00		55.8		5.8		2.5	72.2	69.0	13.80
65	AV65	2.50		60.8		6.0	+0.3	2.5	77.8	74.6	20.75
70	AV70	2.50		65.5		6.5		2.5	83.8	80.6	23.70
72	AV72	2.50		67.5		6.5		2.5	85.8	82.6	24.70
75	AV75	2.50		70.5		6.5		2.5	88.8	85.6	27.50
80	AV80	2.50		74.5		7.0		2.5	94.8	91.1	28.90
82	AV82	2.50		76.5		7.0		2.5	96.8	93.1	29.65
85	AV85	3.00	- 0.08	79.5		7.4		3.0	100.6	96.9	39.50
87	AV87	3.00		81.5	+0.54	7.4		3.0	102.6	98.9	40.00
90	AV90	3.00		84.5	- 1.300	7.4		3.0	105.6	101.9	41.92
95	AV95	3.00		89.5		8.0		3.0	111.8	108.1	47.70
100	AV100	3.00		94.5		8.0		3.0	116.8	113.1	49.92



M1408 / AV



Part Number	d ₂	Tolerance	m min.	t	n	FN [kN]	FR [kN]	g	FRg [kN]	AN [mm ²]	K [kN-mm ²]	*det. x1000 [rpm]
AV10	9.5	-0.11	0.70	0.25	0.7	0.62	1.4	1.0	1.0	3.8	5.7	84
AV12	11.5		1.10	0.25	0.7	0.70	4.5	1.0	2.4	4.2	21.6	79
AV13	12.4		1.10	0.30	0.9	0.90	5.5	1.0	2.4	5.4	20.8	64
AV14	13.4		1.10	0.30	0.9	0.97	6.0	1.0	2.4	5.8	19.2	56
AV15	14.3		1.10	0.35	1.0	1.22	6.5	1.0	2.4	7.3	19.3	50
AV16	15.2		1.10	0.40	1.2	1.48	7.0	1.0	2.5	8.9	18.7	45
AV17	16.2		1.10	0.40	1.2	1.57	8.1	1.0	2.6	9.4	18.2	41
AV18	17.0		1.30	0.50	1.5	2.07	14.8	1.5	3.2	12.4	32.6	39
AV20	19.0	-0.15	1.30	0.50	1.5	2.30	14.6	1.5	3.1	13.8	30.1	32
AV21	20.0		1.30	0.50	1.5	2.42	14.4	1.5	3.1	14.5	29.9	29
AV22	21.0		1.30	0.50	1.5	2.53	14.2	1.5	3.1	15.2	29.7	27
AV23	22.0		1.30	0.50	1.5	2.66	14.0	1.5	3.1	16.0	29.0	25
AV24	22.9	-0.21	1.30	0.55	1.6	3.03	14.0	1.5	3.1	18.2	28.8	27
AV25	23.9		1.30	0.55	1.6	3.18	14.1	1.5	3.2	19.1	28.8	25
AV26	24.9		1.30	0.55	1.6	3.30	14.1	1.5	3.2	19.8	28.4	25
AV28	26.6		1.60	0.70	2.1	4.50	28.0	1.5	6.4	27.0	56.0	22
AV30	28.6		1.60	0.70	2.1	4.86	27.5	1.5	6.3	29.2	53.5	19
AV32	30.3	-0.25	1.60	0.85	2.5	6.25	27.0	2.0	4.7	37.0	52.0	17
AV34	32.3		1.60	0.85	2.5	6.67	26.6	2.0	4.6	40.0	50.5	15
AV35	33.0		1.60	1.00	2.5	8.00	26.6	2.0	4.6	48.0	50.1	16
AV38	35.8		1.85	1.10	3.3	10.60	42.0	2.0	7.8	64.0	77.0	15
AV40	37.5		1.85	1.25	3.8	12.60	42.0	2.0	7.8	75.0	77.0	15
AV42	39.5		1.85	1.25	3.8	13.30	42.0	2.0	7.8	80.0	76.0	13
AV45	42.5		1.85	1.25	3.8	14.30	41.5	2.0	7.8	86.0	75.0	11
AV47	44.5		1.85	1.25	3.8	15.00	41.0	2.0	7.8	90.0	73.5	10
AV48	45.5		1.85	1.25	3.8	15.80	41.0	2.0	7.8	95.0	73.5	10
AV50	47.0		2.15	1.50	4.5	19.20	58.0	2.0	11.6	115.0	108.0	10
AV55	52.0	-0.30	2.15	1.50	4.5	21.00	58.0	2.5	9.3	126.0	104.0	9
AV58	55.0		2.15	1.50	4.5	22.20	56.0	2.5	9.2	133.0	100.0	8
AV60	57.0		2.15	1.50	4.5	23.00	55.5	2.5	9.1	138.0	99.0	7
AV65	62.0		2.65	1.50	4.5	24.80	104.0	2.5	17.6	149.0	187.0	6
AV70	67.0		2.65	1.50	4.5	27.00	103.0	2.5	17.6	162.0	185.0	6
AV72	69.0		2.65	1.50	4.5	27.70	104.0	2.5	18.0	166.0	187.0	6
AV75	72.0		2.65	1.50	4.5	29.20	100.0	2.5	17.7	175.0	182.0	5
AV80	76.5		2.65	1.75	5.3	36.60	96.0	3.0	14.6	220.0	175.0	6
AV82	78.5	-0.35	2.65	1.75	5.3	37.40	100.0	3.0	15.4	225.0	184.0	5
AV85	81.5		3.15	1.75	5.3	38.30	167.0	3.0	25.6	230.0	300.0	5
AV87	83.5		3.15	1.75	5.3	39.20	164.0	3.0	25.5	235.0	297.0	5
AV90	86.5		3.15	1.75	5.3	41.70	157.0	3.0	24.8	250.0	288.0	4
AV95	91.5		3.15	1.75	5.3	42.70	152.0	3.5	21.0	256.0	285.0	4
AV100	96.5		3.15	1.75	5.3	45.80	144.0	3.5	20.5	275.0	276.0	4

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