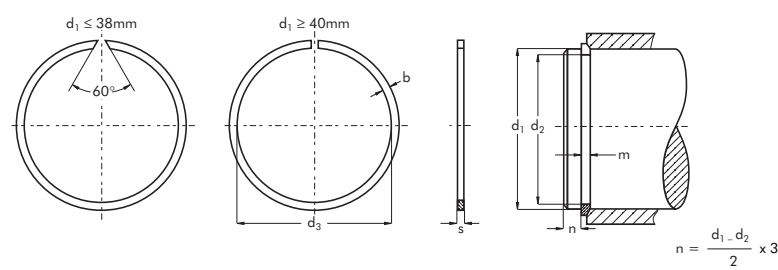


Snap rings for shafts

M2400 / SW



d ₁	Part Number	s [-0.1]	b [-0.1]	d ₃ max.	Weight [kg / 1000]
4	SW4	0.5	0.80	3.7	0.02
5	SW5	0.5	1.00	4.7	0.05
6	SW6	0.7	1.10	5.6	0.09
7	SW7	0.7	1.20	6.5	0.12
8	SW8	1.0	1.30	7.4	0.20
9	SW9	1.0	1.30	8.4	0.24
10	SW10	1.0	1.30	9.4	0.25
11	SW11	1.0	1.30	10.2	0.29
12	SW12	1.0	1.30	11.2	0.30
13	SW13	1.0	1.30	12.2	0.34
14	SW14	1.2	1.50	13.1	0.50
15	SW15	1.2	1.75	14.0	0.66
16	SW16	1.2	1.75	15.0	0.69
17	SW17	1.2	1.75	16.0	0.72
18	SW18	1.2	1.75	17.0	0.75
19	SW19	1.2	1.75	17.9	0.80
20	SW20	1.2	1.75	18.7	0.84
21	SW21	1.2	1.75	19.7	0.87
22	SW22	1.2	1.75	20.7	0.91
24	SW24	1.2	1.75	22.5	0.99
25	SW25	1.2	1.75	23.5	1.00
26	SW26	1.2	1.75	24.5	1.10
27	SW27	1.5	2.30	25.5	2.00
28	SW28	1.5	2.30	26.5	2.11
29	SW29	1.5	2.30	27.5	2.20
30	SW30	1.5	2.30	28.5	2.33
32	SW32	1.5	2.30	30.2	2.41
35	SW35	1.5	2.30	33.2	2.51
37	SW37	1.5	2.30	35.2	2.72
38	SW38	1.5	2.30	36.2	2.83
40	SW40	1.5	2.30	37.8	2.91
42	SW42	1.5	2.30	39.8	3.10
43	SW43	1.5	2.30	40.8	3.25
45	SW45	1.5	2.30	42.8	3.39
47	SW47	1.5	2.30	44.8	3.48



M2400 / SW

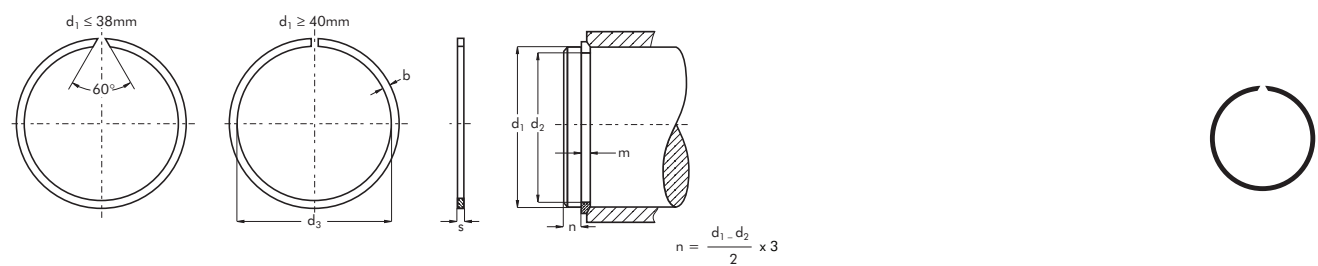
Part Number	d ₂	Tolerance	m min.	DATA		
				FN [kN]	FR [kN]	ⁿ det. x1000 [rpm]
SW4	3.8	- 0.09	0.6	0.20	1.25	275
SW5	4.8		0.6	0.26	1.30	192
SW6	5.7		0.8	0.46	3.50	141
SW7	6.7		0.8	0.54	3.50	134
SW8	7.6		1.1	0.82	11.30	108
SW9	8.6	- 0.11	1.1	0.92	10.60	80
SW10	9.6		1.1	1.03	10.30	68
SW11	10.5		1.1	1.40	9.80	64
SW12	11.5		1.1	1.53	9.30	53
SW13	12.5		1.1	1.70	8.90	43
SW14	13.5	- 0.13	1.3	1.80	17.00	45
SW15	14.4		1.3	2.30	18.70	44
SW16	15.4		1.3	2.47	17.70	38
SW17	16.4		1.3	2.63	17.00	34
SW18	17.4		1.3	2.78	16.20	30
SW19	18.4	- 0.16	1.3	2.94	15.60	29
SW20	19.2		1.3	4.10	15.00	26
SW21	20.2		1.3	4.30	14.60	23
SW22	21.2		1.3	4.50	14.00	21
SW24	23.0		1.3	6.15	13.30	18
SW25	24.0	- 0.16	1.3	6.40	12.80	16
SW26	25.0		1.3	6.65	12.50	15
SW27	26.0		1.6	6.95	30.00	16
SW28	27.0		1.6	7.20	29.30	15
SW29	28.0		1.6	7.45	28.20	14
SW30	29.0	- 0.16	1.6	7.70	27.50	13
SW32	30.8		1.6	9.90	26.50	13
SW35	33.8		1.6	10.80	24.40	11
SW37	35.8		1.6	11.30	23.50	9
SW38	36.8		1.6	11.60	22.70	9
SW40	38.5	- 0.16	1.6	15.50	22.00	8
SW42	40.5		1.6	16.20	21.40	7
SW43	41.5		1.6	16.50	21.10	7
SW45	43.5		1.6	17.30	20.60	6
SW47	45.5		1.6	18.20	19.20	6

The technical specifications contained in this brochure are approximate and no guarantee is given as to their accuracy. Designs are subject to change.

Snap rings for shafts

M2400 / SW

d ₁	Part Number	s [-0.1]	b [-0.1]	d ₃ max.	Weight [kg / 1000]
48	SW48	1.5	2.30	45.8	3.60
50	SW50	1.5	2.30	47.8	3.73
52	SW52	1.5	2.30	49.8	3.92
55	SW55	1.5	2.30	52.6	4.11
58	SW58	1.5	2.30	55.6	4.40
60	SW60	1.5	2.30	57.6	4.55
63	SW63	1.5	2.30	60.6	4.58
65	SW65	1.5	2.30	62.6	4.64
68	SW68	2.0	2.80	65.4	8.59
70	SW70	2.0	2.80	67.4	8.71
72	SW72	2.0	2.80	69.4	8.80
73	SW73	2.0	2.80	70.4	8.90
75	SW75	2.0	2.80	72.4	9.32
80	SW80	2.0	2.80	77.4	9.67
85	SW85	2.5	3.40	82.0	16.00
90	SW90	2.5	3.40	87.0	16.00
95	SW95	2.5	3.40	92.0	18.20
100	SW100	2.5	3.40	97.0	18.90
105	SW105	2.5	3.40	101.7	20.70
110	SW110	2.5	3.40	106.6	20.90
115	SW115	2.5	3.40	111.6	22.10
120	SW120	2.5	3.40	116.5	24.10
125	SW125	2.5	3.40	121.5	25.10
130	SW130	2.5	3.40	126.4	26.60
135	SW135	2.5	4.00	131.1	30.20
140	SW140	2.5	4.00	136.0	31.10
145	SW145	2.5	4.00	141.0	32.60
150	SW150	2.5	4.00	145.9	32.80
155	SW155	2.5	4.00	150.9	34.70
160	SW160	2.5	4.00	155.8	36.60
165	SW165	2.5	4.00	160.8	37.40
170	SW170	2.5	4.00	165.7	38.50
175	SW175	2.5	4.00	170.7	39.40
180	SW180	3.0	5.00	175.2	61.20
185	SW185	3.0	5.00	180.2	63.90



M2400 / SW

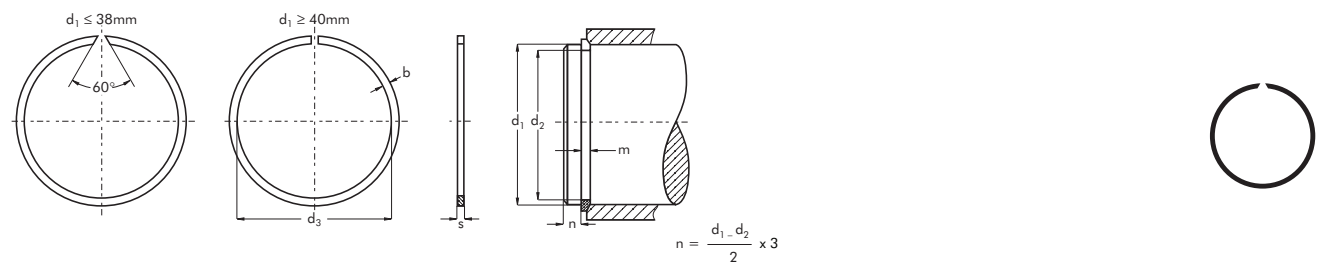
Part Number	d ₂	Tolerance	m min.	DATA		
				FN [kN]	FR [kN]	ⁿ det. x1000 [rpm]
SW48	46.5	- 0.16	1.6	18.70	18.60	5.0
SW50	48.5		1.6	19.50	18.10	5.0
SW52	50.5	- 0.19	1.6	20.20	17.70	4.0
SW55	53.5		1.6	21.00	16.50	4.0
SW58	56.5		1.6	22.50	15.70	4.0
SW60	58.5		1.6	23.20	15.40	4.0
SW63	61.5		1.6	24.40	14.70	3.0
SW65	63.5		1.6	25.20	14.20	3.0
SW68	66.2		2.2	31.70	39.60	3.0
SW70	68.2		2.2	32.50	38.40	3.0
SW72	70.2		2.2	33.70	37.60	3.0
SW73	71.2		2.2	34.00	37.00	3.0
SW75	73.2	- 0.22	2.2	35.00	36.20	2.0
SW80	78.2		2.2	37.40	34.20	2.0
SW85	83.0		2.7	44.00	72.00	2.0
SW90	88.0		2.7	46.50	66.30	2.0
SW95	93.0		2.7	49.20	61.80	2.0
SW100	98.0		2.7	51.90	57.30	2.0
SW105	102.7		2.7	65.00	54.00	2.0
SW110	107.7		2.7	69.00	50.40	1.0
SW115	112.7		2.7	71.00	47.20	1.0
SW120	117.7		2.7	75.00	44.80	1.0
SW125	122.7	- 0.25	2.7	78.50	41.80	1.0
SW130	127.7		2.7	84.00	39.60	1.0
SW135	132.4		2.7	87.00	44.00	1.0
SW140	137.4		2.7	91.50	41.60	1.0
SW145	142.4		2.7	95.00	39.60	1.0
SW150	147.4		2.7	98.00	37.50	1.0
SW155	154.4		2.7	100.00	36.30	1.0
SW160	157.4		2.7	103.00	35.60	1.0
SW165	162.4		2.7	106.00	34.20	0.5
SW170	167.4		2.7	108.00	33.50	0.5
SW175	172.4	- 0.28	2.7	117.00	32.20	0.4
SW180	177.0		3.2	140.00	67.50	1.0
SW185	182.0		3.2	144.00	66.20	1.0

Snap rings for shafts

M2400 / SW



d ₁	Part Number	s [-0.1]	b [-0.1]	d ₃ max.	Weight [kg / 1000]
190	SW190	3.0	5.0	185.1	65.90
195	SW195	3.0	5.0	190.1	67.50
200	SW200	3.0	5.0	196.0	68.40
210	SW210	3.0	5.0	204.9	72.00
220	SW220	3.0	5.0	214.8	76.30
230	SW230	3.0	5.0	224.7	79.80
240	SW240	3.0	5.0	234.6	81.70
250	SW250	3.0	5.0	244.5	86.50
260	SW260	4.0	7.5	252.4	179.00
265	SW265	4.0	7.5	257.4	185.20
270	SW270	4.0	7.5	262.3	197.70
280	SW280	4.0	7.5	272.2	198.70
285	SW285	4.0	7.5	277.2	199.50
290	SW290	4.0	7.5	282.1	205.30
300	SW300	4.0	7.5	292.1	214.20
305	SW305	4.0	7.5	297.1	219.40
310	SW310	4.0	7.5	302.0	223.10
320	SW320	4.0	7.5	311.9	225.30
330	SW330	4.0	7.5	321.8	228.60
340	SW340	4.0	7.5	331.7	239.30
350	SW350	4.0	7.5	341.6	251.20
360	SW360	4.0	7.5	351.5	253.10
370	SW370	4.0	7.5	361.5	259.20
380	SW380	4.0	7.5	371.4	265.80
390	SW390	4.0	7.5	381.3	273.90
400	SW400	4.0	7.5	391.2	281.10
420	SW420	4.5	12.0	410.0	531.00
460	SW460	4.5	12.0	449.5	582.00



M2400 / SW

Part Number	d ₂	Tolerance	m min.	DATA		
				FN [kN]	FR [kN]	ⁿ det. x1000 [rpm]
SW190	187.0	- 0.29	3.2	148.0	64.0	1.0
SW195	192.0		3.2	152.0	62.6	1.0
SW200	197.0		3.2	156.0	61.4	0.5
SW210	207.0		3.2	164.0	58.0	0.5
SW220	217.0		3.2	171.0	55.5	0.4
SW230	227.0	- 0.32	3.2	180.0	53.0	0.3
SW240	237.0		3.2	187.0	51.0	0.3
SW250	247.0		3.2	195.0	49.0	0.3
SW260	255.0		4.2	338.0	168.0	0.4
SW265	260.0		4.2	344.0	165.0	0.4
SW270	265.0	- 0.32	4.2	350.0	162.0	0.4
SW280	275.0		4.2	362.0	155.0	0.4
SW285	280.0		4.2	370.0	151.0	0.3
SW290	285.0		4.2	377.0	148.0	0.3
SW300	295.0		4.2	390.0	145.0	0.3
SW305	300.0	- 0.36	4.2	396.0	142.0	0.3
SW310	305.0		4.2	402.0	139.0	0.3
SW320	315.0		4.2	416.0	137.0	0.3
SW330	325.0		4.2	428.0	132.0	0.2
SW340	335.0		4.2	442.0	129.0	0.2
SW350	345.0		4.2	455.0	123.0	0.2
SW360	355.0		4.2	468.0	120.0	0.2
SW370	365.0		4.2	482.0	117.0	0.2
SW380	375.0		4.2	494.0	115.0	0.2
SW390	385.0		4.2	507.0	112.0	0.2
SW400	395.0		4.2	521.0	109.0	0.1
SW420	415.0		4.8	547.0	133.0	0.3
SW460	455.0		4.8	600.0	126.0	0.2