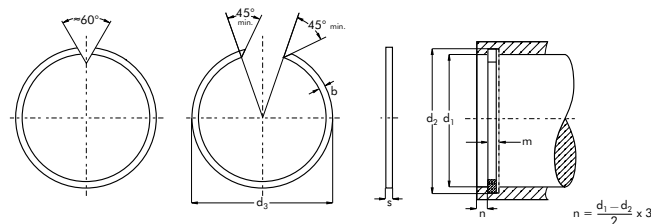




Anneaux pour alésages Sprengringe für Bohrungen Anillos para agujeros SNAP RINGS FOR BORES

d <sub>1</sub>	M2300 SB	○				⊕			D A T A		d <sub>1</sub>	M2300 SB	○				⊕			D A T A	
		s (-0.1)	b (-0.1)	d <sub>3</sub> min.	⚖ (kg/1000)	d <sub>2</sub>	Δ	m min.	FN (kN)	FR (kN)			s (-0.1)	b (-0.1)	d <sub>3</sub> min.	⚖ (kg/1000)	d <sub>2</sub>	Δ	m min.	FN (kN)	FR (kN)
7	SB7	0.8	1.00	7.5	0.09	7.3	+0.09	0.9	0.55	3.30	44	SB44	1.5	2.3	45.8	3.11	45.2	+0.16	1.6	14.00	19.30
8	SB8	0.8	1.00	8.5	0.10	8.3		0.9	0.65	3.25	45	SB45	1.5	2.3	46.8	3.25	46.2		1.6	14.25	19.00
9	SB9	0.8	1.10	9.5	0.13	9.3		0.9	0.70	3.20	46	SB46	1.5	2.3	47.8	3.28	47.2		1.6	14.65	18.40
10	SB10	0.8	1.20	10.6	0.15	10.4		0.9	1.05	3.15	47	SB47	1.5	2.3	48.8	3.29	48.2		1.6	14.90	18.10
11	SB11	1.0	1.30	11.6	0.21	11.4		1.1	1.15	9.15	48	SB48	1.5	2.3	49.8	3.45	49.2		1.6	15.30	17.60
12	SB12	1.0	1.30	12.7	0.25	12.4	+0.11	1.1	1.30	8.90	50	SB50	1.5	2.3	51.8	3.57	51.2	+0.19	1.6	15.80	17.20
13	SB13	1.0	1.30	13.8	0.28	13.5		1.1	1.75	8.80	52	SB52	1.5	2.3	54.3	3.58	53.5		1.6	20.65	16.30
14	SB14	1.0	1.30	14.8	0.31	14.5		1.1	1.90	8.20	53	SB53	1.5	2.3	55.3	3.82	54.5		1.6	21.05	16.10
15	SB15	1.0	1.30	15.8	0.34	15.5		1.1	2.00	7.70	55	SB55	1.5	2.3	57.3	3.93	56.5		1.6	21.80	15.70
16	SB16	1.2	1.60	16.8	0.53	16.5		1.3	2.10	15.50	57	SB57	1.5	2.3	59.3	4.12	58.5		1.6	22.60	15.30
17	SB17	1.2	1.70	17.8	0.55	17.5	+0.13	1.3	2.25	15.40	58	SB58	1.5	2.3	60.3	4.13	59.5	+0.22	1.6	23.00	15.00
18	SB18	1.2	1.75	18.9	0.68	18.5		1.3	2.40	15.10	60	SB60	1.5	2.3	62.3	4.28	61.5		1.6	23.80	14.60
19	SB19	1.2	1.75	19.9	0.72	19.6		1.3	3.00	14.80	62	SB62	1.5	2.3	64.3	4.42	63.5		1.6	24.60	14.20
20	SB20	1.2	1.75	21.0	0.76	20.6		1.3	3.20	14.20	63	SB63	1.5	2.3	65.3	4.50	64.5		1.6	25.00	13.70
21	SB21	1.2	1.75	22.0	0.79	21.6		1.3	3.35	13.70	65	SB65	1.5	2.3	67.3	4.72	66.5		1.6	25.70	13.60
22	SB22	1.2	1.75	23.0	0.81	22.6	+0.16	1.3	3.50	13.10	68	SB68	1.5	2.3	70.3	4.90	69.5	+0.27	1.6	26.90	12.90
23	SB23	1.2	1.75	24.0	0.88	23.6		1.3	3.65	12.80	70	SB70	1.5	2.3	72.3	4.93	71.5		1.6	27.70	12.80
24	SB24	1.2	1.75	25.2	0.90	24.8		1.3	5.10	12.50	72	SB72	2.0	2.8	74.6	8.49	73.8		2.2	34.20	35.70
25	SB25	1.2	1.75	26.2	0.91	25.8		1.3	5.30	12.00	73	SB73	2.0	2.8	75.6	8.52	74.8		2.2	34.70	35.30
26	SB26	1.2	1.75	27.2	0.98	26.8		1.3	5.50	11.50	74	SB74	2.0	2.8	76.6	8.60	75.8		2.2	35.30	34.80
27	SB27	1.2	1.75	28.2	1.11	27.8	+0.22	1.3	5.70	11.30	76	SB76	2.0	2.8	78.6	8.89	77.8	+0.34	2.2	36.20	33.80
28	SB28	1.2	1.75	29.2	1.13	28.8		1.3	5.95	11.00	78	SB78	2.0	2.8	80.6	9.05	79.8		2.2	37.10	32.60
29	SB29	1.2	1.75	30.2	1.15	29.8		1.3	6.15	10.90	79	SB79	2.0	2.8	81.6	9.07	80.8		2.2	37.60	32.00
30	SB30	1.5	2.30	31.4	2.00	31.0		1.6	8.00	26.00	80	SB80	2.0	2.8	82.6	9.22	81.8		2.2	38.00	31.40
31	SB31	1.5	2.30	32.4	2.03	32.0		1.6	8.25	25.60	81	SB81	2.0	2.8	83.6	9.31	82.8		2.2	38.60	31.30
32	SB32	1.5	2.30	33.4	2.11	33.0	+0.27	1.6	8.50	25.00	82	SB82	2.0	2.8	84.6	9.45	83.8	+0.46	2.2	39.00	30.70
33	SB33	1.5	2.30	34.4	2.26	34.0		1.6	8.75	24.60	83	SB83	2.0	2.8	85.6	9.63	84.8		2.2	39.50	30.10
34	SB34	1.5	2.30	35.4	2.34	35.0		1.6	9.00	23.80	85	SB85	2.0	2.8	87.6	9.81	86.8		2.2	40.40	29.60
35	SB35	1.5	2.30	36.4	2.36	36.0		1.6	9.30	23.30	86	SB86	2.0	2.8	88.6	9.91	87.8		2.2	40.90	29.00
37	SB37	1.5	2.30	38.8	2.53	38.2		1.6	11.75	22.00	88	SB88	2.5	3.4	91.0	15.40	90.0		2.7	46.50	65.80
38	SB38	1.5	2.30	39.8	2.61	39.2	+0.34	1.6	12.15	21.60	90	SB90	2.5	3.4	93.0	15.60	92.0	+0.53	2.7	47.60	63.50
39	SB39	1.5	2.30	40.8	2.67	40.2		1.6	12.40	21.00	92	SB92	2.5	3.4	95.0	16.60	94.0		2.7	48.60	62.00
40	SB40	1.5	2.30	41.8	2.80	41.2		1.6	12.70	20.70	93	SB93	2.5	3.4	96.0	16.80	95.0		2.7	49.20	61.80
42	SB42	1.5	2.30	43.8	2.92	43.2		1.6	13.30	19.80	95	SB95	2.5	3.4	98.0	16.90	97.0		2.7	50.20	59.30
43	SB43	1.5	2.30	44.8	3.03	44.2		1.6	13.70	19.60	97	SB97	2.5	3.4	100.0	17.10	99.0		2.7	51.30	58.20

**Part Number**  
Référence Teile Nummer Referencia de pieza
 **Tolerance**  
Tolérance Toleranz Tolerancia
 **Weight**  
Masse Gewicht Peso
 **Ring**  
Anneau/Circlips Ring Anillo
 **Groove**  
Gorge Nut Ranura



d <sub>1</sub>	M2300 SB	○				⊕			D A T A		d <sub>1</sub>	M2300 SB	○				⊕			D A T A		
		s (-0.1)	b (-0.1)	d <sub>3</sub> min.	 (kg/1000)	d <sub>2</sub>	$\Delta$	m min.	FN (kN)	FR (kN)			s (-0.1)	b (-0.1)	d <sub>3</sub> min.	 (kg/1000)	d <sub>2</sub>	$\Delta$	m min.	FN (kN)	FR (kN)	
98	SB98	2.5	3.4	101.0	17.5	100.0	+0.22	2.7	51.8	56.6	200	SB200	3.0	5.0	205.0	64.5	203.0	+0.29	3.2	158.0	59.0	
100	SB100	2.5	3.4	103.0	17.9	102.0		2.7	52.8	55.5	205	SB205	3.0	5.0	210.0	66.4	208.0		3.2	162.0	57.8	
102	SB102	2.5	3.4	105.3	18.4	104.3		2.7	62.0	53.6	210	SB210	3.0	5.0	215.1	68.8	213.0		3.2	166.0	56.8	
103	SB103	2.5	3.4	106.3	18.5	105.3		2.7	62.6	53.2	215	SB215	3.0	5.0	220.1	69.5	218.0		3.2	169.0	55.5	
105	SB105	2.5	3.4	108.3	18.7	107.3		2.7	63.8	51.8	220	SB220	3.0	5.0	225.2	72.4	223.0		3.2	173.0	54.4	
107	SB107	2.5	3.4	110.3	19.1	109.3	+0.22	2.7	65.0	50.7	225	SB225	3.0	5.0	230.2	72.9	228.0	+0.32	4.2	177.0	53.3	
108	SB108	2.5	3.4	111.3	19.3	110.3		2.7	65.6	50.5	230	SB230	3.0	5.0	235.3	75.2	233.0		4.2	181.0	52.0	
110	SB110	2.5	3.4	113.4	19.8	112.3		2.7	66.8	49.0	240	SB240	3.0	5.0	245.4	80.9	243.0		4.2	189.0	49.6	
112	SB112	2.5	3.4	115.4	20.3	114.3		2.7	68.0	47.0	250	SB250	3.0	5.0	255.5	84.2	253.0		4.2	197.0	48.5	
113	SB113	2.5	3.4	116.4	20.5	115.3		2.7	68.6	46.5	260	SB260	4.0	7.5	267.6	165.0	265.0		4.2	343.0	162.0	
115	SB115	2.5	3.4	118.4	20.6	117.3	+0.22	2.7	69.4	45.5	270	SB270	4.0	7.5	277.7	174.0	275.0	+0.32	4.2	356.0	157.0	
117	SB117	2.5	3.4	120.4	20.8	119.3		2.7	71.0	44.6	280	SB280	4.0	7.5	287.8	184.0	285.0		4.2	369.0	152.0	
118	SB118	2.5	3.4	121.4	21.1	120.3		2.7	71.7	44.2	290	SB290	4.0	7.5	297.9	190.0	295.0		4.2	382.0	144.0	
120	SB120	2.5	3.4	123.5	21.4	122.3		2.7	72.8	43.3	300	SB300	4.0	7.5	307.9	196.0	305.0		4.2	395.0	140.0	
123	SB123	2.5	3.4	126.5	22.0	125.3		2.7	74.7	41.2	310	SB310	4.0	7.5	318.0	200.0	315.0		4.2	408.0	136.0	
125	SB125	2.5	3.4	128.5	22.5	127.3	+0.25	2.7	75.9	40.2	320	SB320	4.0	7.5	328.1	203.0	325.0	+0.36	4.2	422.0	132.0	
127	SB127	2.5	3.4	130.5	23.0	129.3		2.7	77.0	39.8	325	SB325	4.0	7.5	333.1	206.0	330.0		4.2	428.0	129.0	
130	SB130	2.5	3.4	133.6	23.4	132.3		2.7	78.9	38.2	330	SB330	4.0	7.5	338.2	209.0	335.0		4.2	435.0	126.0	
133	SB133	2.5	3.4	136.6	24.4	135.3		2.7	80.7	36.8	340	SB340	4.0	7.5	348.3	219.0	345.0		4.2	448.0	123.0	
135	SB135	2.5	3.4	138.6	25.0	137.3		2.7	81.9	36.6	350	SB350	4.0	7.5	358.4	229.0	355.0		4.2	452.0	121.0	
137	SB137	2.5	3.4	140.6	25.3	139.3	+0.25	2.7	83.0	35.6	355	SB355	4.0	7.5	363.4	231.0	360.0	+0.36	4.2	467.0	121.0	
140	SB140	2.5	4.0	144.0	29.3	142.6		2.7	96.1	40.2	360	SB360	4.0	7.5	368.5	233.0	365.0		4.2	487.0	119.0	
143	SB143	2.5	4.0	147.0	30.1	145.6		2.7	98.1	38.6	370	SB370	4.0	7.5	378.5	236.0	375.0		4.2	493.0	116.0	
150	SB150	2.5	4.0	154.1	31.9	152.6		2.7	102.0	36.2	375	SB375	4.0	7.5	383.5	240.0	380.0		4.2	500.0	112.0	
153	SB153	2.5	4.0	157.1	32.6	155.6		2.7	104.0	35.6	380	SB380	4.0	7.5	388.6	242.0	385.0		4.2	513.0	111.0	
160	SB160	2.5	4.0	164.2	34.4	162.6	+0.25	2.7	108.0	34.6	390	SB390	4.0	7.5	398.7	253.0	395.0	+0.40	4.2	520.0	110.0	
163	SB163	2.5	4.0	167.2	34.6	165.6		2.7	111.0	33.5	395	SB395	4.0	7.5	403.7	257.0	400.0		4.2	526.0	109.0	
165	SB165	2.5	4.0	169.2	34.9	167.6		2.7	113.0	32.8	400	SB400	4.0	7.5	408.9	260.0	405.0		4.2	529.0	106.0	
170	SB170	2.5	4.0	174.3	36.2	172.6		2.7	116.0	32.0	410	SB410	4.0	7.5	419.0	266.0	415.0		4.2	546.0	105.0	
173	SB173	2.5	4.0	177.3	37.1	175.6		2.7	118.0	32.0	415	SB415	4.0	7.5	424.0	273.0	420.0		4.2	552.0	104.0	
175	SB175	2.5	4.0	179.3	37.3	177.6	+0.29	2.7	119.0	31.4	420	SB420	4.0	7.5	429.1	277.0	425.0	+0.40	4.2	553.0	101.0	
180	SB180	2.5	4.0	184.5	38.3	182.6		2.7	123.0	30.8	430	SB430	4.0	7.5	439.2	285.0	435.0		4.2	565.0	100.0	
183	SB183	2.5	4.0	187.5	41.0	185.6		2.7	125.0	30.0	440	SB440	4.0	7.5	449.3	294.0	445.0		4.2	578.0	98.0	
190	SB190	3.0	5.0	194.9	61.3	193.0		3.2	150.0	62.8												
195	SB195	3.0	5.0	199.9	61.6	198.0		3.2	154.0	61.5												

 **Part Number**  
 Référence    Teile Nummer    Referencia de pieza

 **Tolerance**  
 Tolérance    Toleranz    Tolerancia

 **Weight**  
 Masse    Gewicht    Peso

 **Ring**  
 Anneau/Circlips    Ring    Anillo

 **Groove**  
 Gorge    Nut    Ranura

