

Original SCHNORR® disc springs standard material												Ø 200 - 250 mm				
Article number / Order reference	Ordering Dimensions										Weight	Spring deflection s and force F				
											Group acc. to DIN EN 16983	per 1000 pieces [kg]	at s = 0.75 h ₀		at s = h ₀	
	D _e [mm]	D _i [mm]	t [mm]	t' [mm]	D _e [inch]	D _i [inch]	t [inch]	t' [inch]	l ₀ [inch]	h ₀ [inch]			s [inch]	F [lbf]	s [inch]	F [lbf]
022100 C	200.00	82.00	8.00	7.60	7.874	3.228	0.315	0.299	0.559	0.244	3	3425.979	0.183	17543	0.244	21500
022200 B	200.00	82.00	10.00	9.60	7.874	3.228	0.394	0.378	0.610	0.217	3	4325.464	0.162	29100	0.217	37200
022300	200.00	82.00	12.00	11.50	7.874	3.228	0.472	0.453	0.654	0.181	3	5183.062	0.136	41081	0.181	53800
022400 A	200.00	92.00	10.00	9.50	7.874	3.622	0.394	0.374	0.614	0.220	3	4056.501	0.165	30953	0.22	39500
022500	200.00	92.00	12.00	11.40	7.874	3.622	0.472	0.449	0.661	0.189	3	4867.801	0.142	44798	0.189	58500
022600	200.00	92.00	14.00	13.10	7.874	3.622	0.551	0.516	0.713	0.161	3	5593.121	0.121	60075	0.161	79400
022650	200.00	102.00	5.50		7.874	4.016	0.217		0.492	0.276	2 ⁹	2203.077	0.207	8118	0.276	8670
022700	200.00	102.00	8.00	7.50	7.874	4.016	0.315	0.295	0.535	0.220	3	3004.897	0.165	17170	0.22	21400
022800	200.00	102.00	10.00	9.40	7.874	4.016	0.394	0.370	0.614	0.220	3	3765.491	0.165	32678	0.22	41700
022900	200.00	102.00	12.00	11.25	7.874	4.016	0.472	0.443	0.638	0.165	3	4506.243	0.124	41145	0.165	54000
023000	200.00	102.00	14.00	13.10	7.874	4.016	0.551	0.516	0.717	0.165	3	5246.996	0.124	65011	0.165	85800
023100	200.00	112.00	12.00	11.10	7.874	4.409	0.472	0.437	0.638	0.165	3	4122.639	0.124	44024	0.165	57800
023200	200.00	112.00	14.00	12.90	7.874	4.409	0.551	0.508	0.689	0.138	3	4790.639	0.103	57722	0.138	76500
023300	200.00	112.00	16.00	14.80	7.874	4.409	0.630	0.583	0.740	0.110	3	5496.118	0.083	68589	0.11	91400
023350 C	225.00	112.00	6.50	6.20	8.858	4.409	0.256	0.244	0.535	0.280	3	3196.699	0.210	10022	0.28	11300
023400 B	225.00	112.00	8.00	7.50	8.858	4.409	0.315	0.295	0.571	0.256	3	3866.903	0.192	15905	0.256	19300
023500 A	225.00	112.00	12.00	11.25	8.858	4.409	0.472	0.443	0.669	0.197	3	5800.355	0.148	38446	0.197	50100
023550	225.00	112.00	16.00	15.00	8.858	4.409	0.630	0.591	0.807	0.177	3	6779.207	0.133	80839	0.177	105158
023600	250.00	102.00	10.00	9.60	9.843	4.016	0.394	0.378	0.709	0.315	3	8119.615	0.236	28413	0.315	34600
023700	250.00	102.00	12.00	11.50	9.843	4.016	0.472	0.453	0.748	0.276	3	4208.620	0.207	41131	0.276	52300
023750 C	250.00	127.00	7.00	6.70	9.843	5.000	0.276	0.264	0.583	0.307	3	5903.972	0.230	11345	0.307	12700
023800 B	250.00	127.00	10.00	9.40	9.843	5.000	0.394	0.370	0.669	0.276	3	7065.807	0.207	26764	0.276	33300
023900	250.00	127.00	12.00	11.25	9.843	5.000	0.472	0.443	0.760	0.287	3	8227.642	0.216	47391	0.287	60000
024000 A	250.00	127.00	14.00	13.10	9.843	5.000	0.551	0.516	0.772	0.220	3	9420.341	0.165	55939	0.22	73100
024100	250.00	127.00	16.00	15.00	9.843	5.000	0.630	0.591	0.858	0.228	3	0.000	0.171	86106	0.228	113000

2⁹ = according to group 2 (DIN EN 16983) - manufacturing process turned (De/Di) 2² = according to group 2 (DIN EN 16983) - manufacturing process fine blanked

Corrosion-resistant SCHNORR® disc springs, material 1.4310 (X10 CrNi 18-8)											Ø 6 - 12 mm			
Article number / Order reference	Ordering Dimensions								Weight	Spring deflection s and force F				
									per 1000 pieces [lbs.]	at s = 0.75 h ₀		at s = h ₀		
	D _e [mm]	D _i [mm]	t [mm]	D _e [inch]	D _i [inch]	t [inch]	l ₀ [inch]	h ₀ [inch]		s [inch]	F [lbf.]	s [inch]	F [lbf.]	
024650	6.00	3.20	0.30	0.236	0.126	0.012	0.018	0.006	0.104	0.004	25	0.006	32	
025250	8.00	3.20	0.20	0.315	0.126	0.008	0.016	0.008	0.146	0.006	5	0.008	6	
025400	8.00	3.20	0.30	0.315	0.126	0.012	0.022	0.010	0.216	0.007	22	0.010	26	
025700	8.00	3.20	0.40	0.315	0.126	0.016	0.022	0.006	0.289	0.004	28	0.006	37	
026300	8.00	3.20	0.50	0.315	0.126	0.020	0.028	0.008	0.366	0.006	74	0.008	96	
026700	8.00	4.20	0.20	0.315	0.165	0.008	0.018	0.010	0.126	0.007	8	0.010	9	
027100	8.00	4.20	0.30	0.315	0.165	0.012	0.020	0.008	0.187	0.006	19	0.008	24	
027400	8.00	4.20	0.40	0.315	0.165	0.016	0.024	0.008	0.249	0.006	43	0.008	56	
028910	10.00	3.20	0.30	0.394	0.126	0.012	0.026	0.014	0.364	0.010	20	0.014	22	
029101	10.00	3.20	0.40	0.394	0.126	0.016	0.028	0.012	0.485	0.009	37	0.012	46	
029301	10.00	3.20	0.50	0.394	0.126	0.020	0.028	0.008	0.604	0.006	46	0.008	59	
029602	10.00	4.20	0.40	0.394	0.165	0.016	0.028	0.012	0.445	0.009	39	0.010	40	
029701	10.00	4.20	0.50	0.394	0.165	0.020	0.028	0.008	0.556	0.006	48	0.008	62	
030290	10.00	5.20	0.25	0.394	0.205	0.010	0.022	0.012	0.247	0.009	12	0.012	13	
030800	10.00	5.20	0.40	0.394	0.205	0.016	0.026	0.010	0.395	0.007	35	0.010	44	
031000	10.00	5.20	0.50	0.394	0.205	0.020	0.028	0.008	0.492	0.006	53	0.008	69	