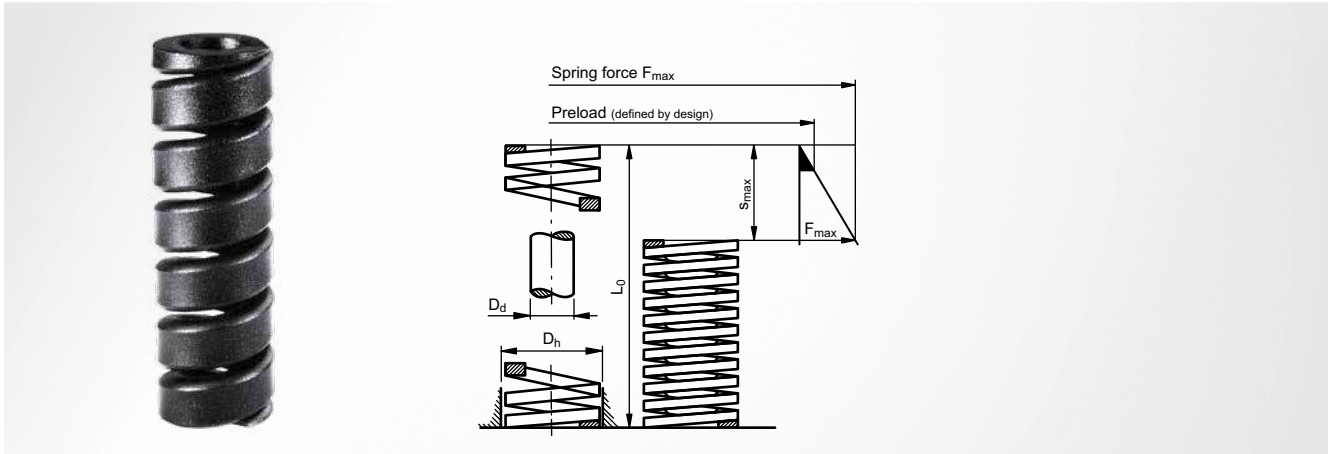


SZ8047 System spring

extra heavy load, identification colour black



Material

Profiled valve spring steel wire (52SiCrNi5)

Wire cross-section

rectangular

Spring type

Helical compression spring

Note

Spring is set, closed and rectangular ground

Sleeve Ø D _h ^{H15}	Pin Ø D _d ^{h15}	L ₀ ± 0.5 % min ± 0.2 mm	Spring rate N/mm c ± 10 %	long life time			Item number
				s _{max}	F _{max} N		
10.0	5.0	20	580	2.2	1250	SZ8047 10 x 020	
		30	360	3.5	1250	SZ8047 10 x 030	
		40	260	4.8	1250	SZ8047 10 x 040	
		50	200	6.0	1250	SZ8047 10 x 050	
12.5	6.3	20	850	2.4	2000	SZ8047 13 x 020	
		30	590	3.3	2000	SZ8047 13 x 030	
		40	400	5.0	2000	SZ8047 13 x 040	
		50	320	6.0	2000	SZ8047 13 x 050	
16.0	8.0	20	1650	2.1	3500	SZ8047 16 x 020	
		35	920	3.8	3500	SZ8047 16 x 035	
		50	580	6.0	3500	SZ8047 16 x 050	
		75	410	8.5	3500	SZ8047 16 x 075	
		100	280	12.5	3500	SZ8047 16 x 100	
19.0	10.0	25	2270	2.2	5000	SZ8047 20 x 025	
		40	1160	4.3	5000	SZ8047 20 x 040	
		50	830	6.0	5000	SZ8047 20 x 050	
		75	500	10.0	5000	SZ8047 20 x 075	
		100	360	14.0	5000	SZ8047 20 x 100	
25.0	12.5	30	4550	2.2	10000	SZ8047 25 x 030	
		50	2000	5.0	10000	SZ8047 25 x 050	
		60	1500	6.5	10000	SZ8047 25 x 060	
		75	1250	8.0	10000	SZ8047 25 x 075	
		100	900	11.1	10000	SZ8047 25 x 100	
		125	710	14.0	10000	SZ8047 25 x 125	
32.0	16.0	35	5360	2.8	15000	SZ8047 32 x 035	
		50	3000	5.0	15000	SZ8047 32 x 050	
		75	1670	9.0	15000	SZ8047 32 x 075	
		100	1200	12.5	15000	SZ8047 32 x 100	
		125	940	16.0	15000	SZ8047 32 x 125	
		150	810	18.5	15000	SZ8047 32 x 150	
38.0	20.0	40	5710	3.5	20000	SZ8047 40 x 040	
		50	4000	5.0	20000	SZ8047 40 x 050	
		75	2220	9.0	20000	SZ8047 40 x 075	
		100	1540	13.0	20000	SZ8047 40 x 100	
		150	1050	19.0	20000	SZ8047 40 x 150	
		200	740	27.0	20000	SZ8047 40 x 200	

SZ8047 System spring

extra heavy load, identification colour black

Sleeve Ø D_h^{H15}	Pin Ø D_d^{h15}	$L_0 \pm 0.5\%$ min ± 0.2 mm	Spring rate N/mm $c \pm 10\%$	long life time		Item number
				s_{max}	F_{max} N	
50.0	25.0	60	4605	7.6	35000	SZ8047 50 x 060
		75	3932	8.9	35000	SZ8047 50 x 075
		100	2650	13.2	35000	SZ8047 50 x 100
		125	2000	17.5	35000	SZ8047 50 x 125
		150	1605	21.8	35000	SZ8047 50 x 150
		200	1167	30.0	35000	SZ8047 50 x 200