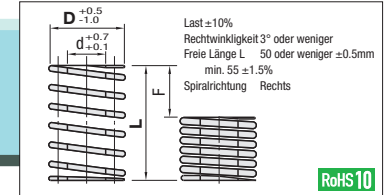


Schraubenfeder

Für extrem hohe Auslenkung SWY

Schraubenfeder

Für extrem hohe Auslenkung SWU



D	d	L	Federkonstante N/mm(kgf/mm)	F = L x 65% Fmm	Last N(kgf)	Teilenummer	Stückpreis
11	7	20	2.26(0.23)	13.0	29.4	SWY 11- 20	
		25	1.81(0.18)	16.3	(3.0)	25	
		30	1.51(0.15)	19.5		30	
		35	1.29(0.13)	22.8		35	
		40	1.13(0.12)	26.0		40	
		45	1.01(0.10)	29.3		45	
		50	0.91(0.092)	32.5		50	
		55	0.82(0.084)	35.8		55	
		60	0.75(0.077)	39.0		60	
		65	0.70(0.071)	42.3		65	
12.5	8.5	20	3.09(0.32)	13.0	40.2	SWY 12.5- 20	
		25	2.47(0.25)	16.3	(4.1)	25	
		30	2.06(0.21)	19.5		30	
		35	1.77(0.18)	22.8		35	
		40	1.55(0.16)	26.0		40	
		45	1.37(0.14)	29.3		45	
		50	1.24(0.13)	32.5		50	
		55	1.12(0.11)	35.8		55	
		60	1.03(0.11)	39.0		60	
		65	0.95(0.10)	42.3		65	
16.5	10.5	20	7.02(0.72)	13.0	91.2	SWY 16.5- 20	
		25	5.61(0.57)	16.3	(9.3)	25	
		30	4.68(0.48)	19.5		30	
		35	4.01(0.41)	22.8		35	
		40	3.51(0.36)	26.0		40	
		45	3.12(0.32)	29.3		45	
		50	2.81(0.29)	32.5		50	
		55	2.55(0.26)	35.8		55	
		60	2.34(0.24)	39.0		60	
		65	2.16(0.22)	42.3		65	
20.5	13.5	30	5.58(0.57)	19.5	108.9	SWY 20.5- 30	
		35	4.78(0.49)	22.8	(11.1)	35	
		40	4.19(0.43)	26.0		40	
		45	3.72(0.38)	29.3		45	
		50	3.35(0.34)	32.5		50	
		55	3.04(0.31)	35.8		55	
		60	2.79(0.28)	39.0		60	
		65	2.58(0.26)	42.3		65	
		70	2.39(0.24)	45.5		70	
		75	2.23(0.23)	48.8		75	
24.5	16.5	30	6.99(0.71)	19.5	136.3	SWY 24.5- 30	
		35	5.99(0.61)	22.8	(13.9)	35	
		40	5.24(0.53)	26.0		40	
		45	4.66(0.48)	29.3		45	
		50	4.19(0.43)	32.5		50	
		55	3.81(0.39)	35.8		55	
		60	3.50(0.36)	39.0		60	
		65	3.23(0.33)	42.3		65	
		70	3.00(0.31)	45.5		70	
		75	2.80(0.29)	48.8		75	
29.4	21	30	8.79(0.90)	22.8	200.1	SWY 30- 35	
		40	7.69(0.78)	26.0	(20.4)	40	
		45	6.84(0.70)	29.3		45	
		50	6.16(0.63)	32.5		50	
		55	5.60(0.57)	35.8		55	
		60	5.13(0.52)	39.0		60	
		65	4.74(0.48)	42.3		65	
		70	4.40(0.45)	45.5		70	
		75	4.10(0.42)	48.8		75	
		80	3.85(0.39)	52.0		80	
30	21	30	3.42(0.35)	58.5	200.1	SWY 30- 35	
		40	3.08(0.31)	65.0	(20.4)	40	
		50	2.80(0.29)	71.5		50	
		60	2.56(0.26)	78.0		60	
		70	2.46(0.25)	81.3		70	
		80	2.37(0.24)	84.5		80	
		90	2.20(0.22)	91.0		90	
		100	2.05(0.21)	97.5		100	
		110	1.92(0.20)	104.0		110	
		120	1.81(0.18)	110.5		120	
37	26	40	11.32(1.15)	26.0	294.2	SWY 37- 40	
		45	10.06(1.03)	29.3	(30.0)	45	
		50	9.05(0.92)	32.5		50	
		55	8.23(0.84)	35.8		55	
		60	7.54(0.77)	39.0		60	
		65	6.96(0.71)	42.3		65	
		70	6.47(0.66)	45.5		70	
		75	6.03(0.62)	48.8		75	
		80	5.66(0.58)	52.0		80	
		90	5.03(0.51)	58.5		90	
42	31	50	12.07(1.23)	32.5	392.3	SWY 42- 50	
		60	10.06(1.03)	39.0	(40.0)	60	
		70	8.62(0.88)	45.5		70	
		80	7.54(0.77)	52.0		80	
		90	6.71(0.68)	58.5		90	
		100	6.03(0.62)	65.0		100	
		110	5.49(0.56)	71.5		110	
		120	5.03(0.51)	78.0		120	
		130	4.64(0.47)	84.5		130	
		140	4.31(0.44)	91.0		140	
45	31	50	4.02(0.41)	97.5	98.1	SWY 45- 50	
		60	3.77(0.38)	104.0	(10.0)	60	
		70	3.55(0.36)	110.5		70	
		80	3.35(0.34)	117.0		80	
		90	3.18(0.32)	123.5		90	
		100	3.02(0.31)	130.0		100	
		110	2.68(0.27)	146.3		110	
		120	2.41(0.25)	162.5		120	
		130	2.19(0.22)	178.8		130	
		140	2.01(0.21)	195.0		140	
50	31	50	12.26(1.25)	12.0	147.1	SWY 50- 55	
		60	10.35(1.06)	36.0	(15.0)	60	
		70	9.81(1.00)	42.0		70	
		80	8.87(0.90)	48.0		80	
		90	8.28(0.84)	54.0		90	
		100	7.76(0.79)	60.0		100	
		110	7.27(0.73)	66.0		110	
		120	6.81(0.69)	72.0		120	
		130	6.37(0.64)	78.0		130	
		140	5.95(0.60)	84.0		140	
55	31	50	15.04(1.53)	15.0	372.7	SWU 55- 60	
		60	12.53(1.28)	18.0	(38.0)	60	
		70	10.74(1.10)	21.0		70	
		80	9.40(0.96)	24.0		80	
		90	8.35(0.85)	27.0		90	
		100	7.52(0.77)	30.0		100	
		110	6.83(0.70)	33.0		110	
		120	6.27(0.64)	36.0		120	
		130	5.78(0.59)	39.0		130	
		140	5.37(0.55)	42.0		140	
60	31	50	15.04(1.53)	15.0	225.6	SWU 60- 65	
		60	12.53(1.28)	18.0	(23.0)	60	
		70	10.74(1.10)	21.0		70	
		80	9.40(0.96)	24.0		80	
		90	8.35(0.85)	27.0		90	
		100	7.52(0.77)	30.0		100	
		110	6.83(0.70)	33.0		110	
		120	6.27(0.64)	36.0		120	
		130	5.78(0.59)	39.0		130	
		140	5.37(0.55)	42.0		140	
65	31	50	15.04(1.53)	15.0	225.6	SWU 65- 70	
		60	12.53(1.28)	18.0	(23.0)	65	
		70	10.74(1.10)	21.0		70	
		80	9.40(0.96)	24.0		80	
		90	8.35(0.85)	27.0		90	
		100	7.52(0.77)	30.0		100	
		110	6.83(0.70)	33.0		110	
		120	6.27(0.64)	36.0		120	
		130	5.78(0.59)	39.0		130	
		140	5.37(0.55)	42.0		140	
70	31	50	15.04(1.53)	15.0	225.6	SWU 70- 75	
		60	12.53(1.28)	18.0	(23.0)	70	
		70	10.74(1.10)	21.0		75	
		80	9.40(0.96)	24.0		80	
		90	8.35(0.85)	27.0		85	
		100	7.52(0.77)	30.0		90	
		110	6.83(0.70)	33.0		95	
		120	6.27(0.64)	36.0		100	
		130	5.78(0.59)	39.0		105	
		140	5.37(0.55)	42.0		110	
75	31	50	15.04(1.53)	15.0	225.6	SWU 75- 80	
		60	12.53(1.28)	18.0	(23.0)	75	
		70	10.74(1.10)	21.0		80	
		80	9.40(0.96)	24.0		85	
		90	8.35(0.85)	27.0		90	
		100	7.52(0.77)	30.0		95	
		110	6.83(0.70)	33.0		100	
		120	6.27(0.64)	36.0		105	
		130	5.78(0.59)	39.0		110	
		140	5.37(0.55)	42.0		115	
80	31	50	15.04(1.53)	15.0	225.6	SWU 80- 85	
		60	12.53(1.28)	18.0	(23.0)	80	
		70	10.74(1.10)	21.0		85	
		80	9.40(0.96)	24.0		90	
		90	8.35(0.85)	27.0		95	
		100	7.52(0.77)	30.0		100	
		110	6.83(0.70)	33.0		105	
		120	6.27(0.64)	36.0		110	
		130	5.78(0.59)	39.0		115	
		140	5.37(0.55)	42.0		120	
85	31	50	15.04(1.53)	15.0	225.6	SWU 85- 90	
		60	12.53(1.28)	18.0	(23.0)	85	
		70	10.74(1.10)	21.0		90	
		80	9.40(0.96)	24.0		95	
		90	8.35(0.85)	27.0		100	
		100	7.52(0.77)	30.0		105	
		110	6.83(0.70)	33.0		110	
		120	6.27(0.64)	36.0		115	
		130	5.78(0.59)	39.0		120	
		140	5.37(0.55)	42.0		125	
90	31	50	15.04(1.53)	15.0	225.6	SWU 90- 95	
		60	12.53(1.28)	18.0	(23.0)	90	
		70	10.74(1.10)	21.0		95	
		80	9.40(0.96)	24.0		100	
		90	8.35(0.85)	27.0		105	
		100	7.52(0.77)	30.0		110	
		110	6.83(0.70)	33.0		115	
		120	6.27(0.64)	36.0		120	
		130	5.78(0.59)	39.0		125	
		140	5.37(0.55)	42.0		130	
95	31						