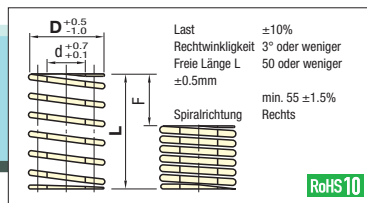


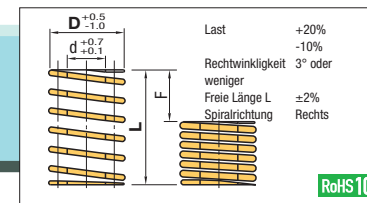
Schraubenfeder

Für hohe Auslenkung SWR



Schraubenfeder

Für mittlere Auslenkung SWS



D	d	L	N/mm (kgf/mm)	F=Lx50% Fmm	Teilenummer	Stück- preis
10.5	6.0	15	10.46(1.07)	7.5	SWR105- 15	15
		20	7.85(0.80)	10.0		
		25	6.28(0.64)	12.5		
		30	5.23(0.53)	15.0		
		35	4.48(0.46)	17.5		
		40	3.92(0.40)	20.0		
		45	3.49(0.36)	22.5		
		50	3.14(0.32)	25.0		
		55	2.85(0.29)	27.5		
		60	2.62(0.27)	30.0		
12.5	7.0	15	11.77(1.20)	7.5	SWR125- 15	15
		20	8.83(0.90)	10.0		
		25	7.06(0.72)	12.5		
		30	5.88(0.60)	15.0		
		35	5.04(0.51)	17.5		
		40	4.41(0.45)	20.0		
		45	3.92(0.40)	22.5		
		50	3.53(0.36)	25.0		
		55	3.21(0.33)	27.5		
		60	2.94(0.30)	30.0		
14.5	8.5	15	17.00(1.73)	7.5	SWR145- 15	15
		20	12.75(1.30)	10.0		
		25	10.20(1.04)	12.5		
		30	8.50(0.87)	15.0		
		35	7.28(0.74)	17.5		
		40	6.37(0.65)	20.0		
		45	5.67(0.58)	22.5		
		50	5.10(0.52)	25.0		
		55	4.64(0.47)	27.5		
		60	4.25(0.43)	30.0		
17	10.5	15	20.19(2.00)	10.0	SWR17- 15	15
		20	15.69(1.60)	12.5		
		25	13.08(1.33)	15.0		
		30	11.21(1.14)	17.5		
		35	9.81(1.00)	20.0		
		40	8.72(0.89)	22.5		
		45	7.85(0.80)	25.0		
		50	7.13(0.73)	27.5		
		55	6.54(0.67)	30.0		
		60	6.03(0.62)	32.5		

D	d	L	N/mm (kgf/mm)	F=Lx50% Fmm	Teilenummer	Stück- preis
21	13.5	25	23.54(2.40)	12.5	SWR21- 25	25
		30	19.61(2.00)	15.0		
		35	16.81(1.71)	17.5		
		40	14.71(1.50)	20.0		
		45	13.08(1.33)	22.5		
		50	11.77(1.20)	25.0		
		55	10.07(1.09)	27.5		
		60	9.81(1.00)	30.0		
		65	9.05(0.92)	32.5		
		70	8.41(0.86)	35.0		
26	16.5	25	31.38(3.20)	12.5	SWR26- 25	25
		30	26.15(2.67)	15.0		
		35	22.42(2.29)	17.5		
		40	19.61(2.00)	20.0		
		45	17.43(1.78)	22.5		
		50	15.69(1.60)	25.0		
		55	14.26(1.45)	27.5		
		60	13.08(1.33)	30.0		
		65	12.07(1.23)	32.5		
		70	11.21(1.14)	35.0		
31	21	25	40.91(4.10)	12.5	SWR31- 25	25
		30	35.96(3.67)	15.0		
		35	31.38(3.20)	17.5		
		40	27.42(2.75)	20.0		
		45	24.22(2.44)	22.5		
		50	21.57(2.20)	25.0		
		55	19.61(2.00)	27.5		
		60	17.98(1.83)	30.0		
		65	16.60(1.69)	32.5		
		70	15.41(1.57)	35.0		
36	26	25	52.96(5.40)	12.5	SWR36- 25	25
		30	44.13(4.50)	15.0		
		35	37.83(3.86)	17.5		
		40	33.10(3.38)	20.0		
		45	29.42(3.00)	22.5		
		50	26.48(2.70)	25.0		
		55	24.07(2.45)	27.5		
		60	22.06(2.25)	30.0		
		65	20.37(2.08)	32.5		
		70	18.91(1.93)	35.0		

D	d	L	N/mm (kgf/mm)	F=Lx50% Fmm	Teilenummer	Stück- preis
37	26	35	33.62(3.43)	17.5	SWR37- 35	35
		40	29.42(3.00)	20.0		
		45	26.15(2.67)	22.5		
		50	23.54(2.40)	25.0		
		55	21.40(2.18)	27.5		
		60	19.61(2.00)	30.0		
		65	18.10(1.85)	32.5		
		70	16.81(1.71)	35.0		
		75	15.69(1.60)	37.5		
		80	14.71(1.50)	40.0		
43	31	35	43.15(4.40)	12.5	SWR43- 35	35
		40	35.96(3.67)	15.0		
		45	31.38(3.20)	17.5		
		50	27.42(2.75)	20.0		
		55	24.22(2.44)	22.5		
		60	21.57(2.20)	25.0		
		65	19.61(2.00)	27.5		
		70	17.98(1.83)	30.0		
		75	16.60(1.69)	32.5		
		80	15.41(1.57)	35.0		
46	33	35	52.96(5.40)	12.5	SWR46- 35	35
		40	44.13(4.50)	15.0		
		45	37.83(3.86)	17.5		
		50	33.10(3.38)	20.0		
		55	29.42(3.00)	22.5		
		60	26.48(2.70)	25.0		
		65	24.07(2.45)	27.5		
		70	22.06(2.25)	30.0		
		75	20.37(2.08)	32.5		
		80	18.91(1.93)	35.0		
50	36	35	52.96(5.40)	12.5	SWR50- 35	35
		40	44.13(4.50)	15.0		
		45	37.83(3.86)	17.5		
		50	33.10(3.38)	20.0		
		55	29.42(3.00)	22.5		
		60	26.48(2.70)	25.0		
		65	24.07(2.45)	27.5		
		70	22.06(2.25)	30.0		
		75	20.37(2.08)	32.5		
		80	18.91(1.93)	35.0		

D	d	L	N/mm (kgf/mm)	F=Lx40% Fmm	Teilenummer	Stück- preis
10.5	5.5	20	10.90(1.11)	8.0	SWS105- 20	20
		25	8.72(0.89)	10.0		
		30	7.27(0.74)	12.0		
		35	6.23(0.64)	14.0		
		40	5.45(0.56)	16.0		
		45	4.84(0.49)	18.0		
		50	4.36(0.44)	20.0		
		55	3.96(0.40)	22.0		
		60	3.63(0.37)	24.0		
		65	3.35(0.34)	26.0		
12.5	6.5	20	15.25(1.56)	8.0	SWS125- 20	20
		25	12.20(1.24)	10.0		
		30	10.17(1.04)	12.0		
		35	8.71(0.89)	14.0		
		40	7.63(0.78)	16.0		
		45	6.78(0.69)	18.0		
		50	6.10(0.62)	20.0		
		55	5.55(0.57)	22.0		
		60	5.08(0.52)	24.0		
		65	4.69(0.48)	26.0		
14.5	8.5	20	24.50(2.50)	8.0	SWS145- 20	20
		25	19.61(2.00)	10.0		
		30	16.33(1.67)	12.0		
		35	14.00(1.43)	14.0		
		40	12.25(1.25)	16.0		
		45	10.89(1.11)	18.0		
		50	9.80(1.00)	20.0		
		55	8.91(0.91)	22.0		
		60	8.17(0.83)	24.0		
		65	7.54(0.77)	26.0		
17	10.5	20	29.42(3.00)	10.0	SWS17- 20	20
		25	24.52(2.50)	12.0		
		30	21.01(2.14)	14.0		
		35	18.39(1.88)	16.0		
		40	16.34(1.67)	18.0		
		45	14.71(1.50)	20.0		
		50	13.37(1.36)	22.0		
		55	12.26(1.25)	24.0		
		60	11.32(1.15)	26.0		
		65	10.51(1.07)	28.0		

D	d	L	N/mm (kgf/mm) Federkonstante	F=Lx40% Fmm	Teilenummer Ausführung D-L	Stück preis
21	13.5	30	35.17(3.59)	12.0	SWS21- 422.0 (43.0)	30
		35	30.14(3.07)	14.0		35
		40	26.38(2.69)	16.0		40
		45	23.44(2.39)	18.0		45
		50	21.10(2.15)	20.0		50
		55	19.18(1.96)	22.0		55
		60	17.58(1.79)	24.0		60
		65	16.23(1.66)	26.0		65
		70	15.07(1.54)	28.0		70
		75	14.07(1.43)	30.0		75
		80	13.19(1.34)	32.0		80
		90	11.72(1.20)	36.0		90
		100	10.55(1.08)	40.0		100
		110	9.59(0.98)	44.0		110
		120	8.79(0.90)	48.0		120
		125	8.44(0.86)	50.0		125
		130	8.12(0.83)	52.0		130
140	7.54(0.77)	56.0	140			
150	7.03(0.72)	60.0	150			
175	6.03(0.61)	70.0	175			
200	5.28(0.54)	80.0	200			
26	16.5	30	47.42(4.84)	12.0	SWS26- 569.0 (58.0)	30
		35	40.64(4.14)	14.0		35
		40	35.56(3.63)	16.0		40
		45	31.61(3.22)	18.0		45
		50	28.45(2.90)	20.0		50
		55	25.86(2.64)	22.0		55
		60	23.71(2.42)	24.0		60
		65	21.88(2.23)	26.0		65
		70	20.32(2.07)	28.0		70
		75	18.97(1.93)	30.0		75
		80	17.78(1.81)	32.0		80
		90	15.81(1.61)	36.0		90
		100	14.23(1.45)	40.0		100
		110	12.93(1.32)	44.0		110
		120	11.85(1.21)	48.0		120
		125	11.38(1.16)	50.0		125
		130	10.94(1.12)	52.0		130
140	10.16(1.04)	56.0	140			
150	9.48(0.97)	60.0	150			
175	8.13(0.83)	70.0	175			
200	7.11(0.73)	80.0	200			
225	6.32(0.64)	90.0	225			
250	5.69(0.58)	100.0	250			
31	21	40	49.00(5.00)	16.0	SWS31- 784.0 (79.9)	40
		45	43.56(4.44)	18.0		45
		50	39.20(4.00)	20.0		50
		55	35.65(3.64)	22.0		55
		60	32.67(3.33)	24.0		60
		65	30.15(3.07)	26.0		65
		70	28.00(2.86)	28.0		70
		75	26.13(2.66)	30.0		75
		80	24.50(2.50)	32.0		80
		90	21.78(2.22)	36.0		90
		100	19.60(2.00)	40.0		100
		110	17.82(1.82)	44.0		110
		120	16.33(1.67)	48.0		120
		125	15.68(1.60)	50.0		125
		130	15.08(1.54)	52.0		130
		140	14.00(1.43)	56.0		140
		150	13.07(1.33)	60.0		150
160	12.25(1.25)	64.0	160			
170	11.53(1.18)	68.0	170			
175	11.20(1.14)	70.0	175			
180	10.89(1.11)	72.0	180			
190	10.32(1.05)	76.0	190			
200	9.80(1.00)	80.0	200			
250	7.84(0.80)	100.0	250			
300	6.53(0.67)	120.0	300			