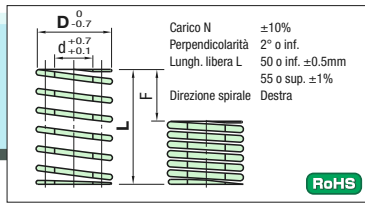


Molle a spirale

Carico pesante SWH



D	d	L	Costante molla N/mm(kgf/mm)	F=Lx19.2%			F=Lx21.6%			F=Lx24%			Codice componente D-L	Prezzo unitario
				Fmm	Carico N(kgf)	Fmm	Carico N(kgf)	Fmm	Carico N(kgf)	Fmm	Carico N(kgf)	Fmm		
6	3	15	38.1(3.9)	2.9	3.2	3.6	110 (11)	123 (13)	8.4 (8.6)	137 (14)	SWH 6-	15		
		20	28.5(2.9)	3.8	4.3	4.8						20		
		25	22.8(2.3)	4.8	5.4	6.0						25		
		30	19.0(1.9)	5.8	6.5	7.2						30		
		35	16.3(1.7)	6.7	7.6	8.4						35		
		40	14.3(1.5)	7.7	8.6	9.6						40		
		45	12.7(1.3)	8.6	9.7	10.8						45		
		50	11.4(1.2)	9.6	10.8	12.0						50		
		55	10.4(1.1)	10.6	11.9	13.2						55		
		60	9.5(1.0)	11.5	13.0	14.4						60		
8	4	10	85.8(8.8)	1.9	2.2	2.4	165 (17)	185 (19)	9.6 (9.7)	206 (21)	SWH 8-	10		
		15	57.2(5.8)	2.9	3.2	3.6						15		
		20	42.9(4.4)	3.8	4.3	4.8						20		
		25	34.3(3.5)	4.8	5.4	6.0						25		
		30	28.6(2.9)	5.8	6.5	7.2						30		
		35	24.5(2.5)	6.7	7.5	8.4						35		
		40	21.5(2.2)	7.7	8.6	9.6						40		
		45	19.1(1.9)	8.6	9.7	10.8						45		
		50	17.2(1.8)	9.6	10.8	12.0						50		
		55	15.6(1.6)	10.6	11.8	13.2						55		
10	5	10	123(12.5)	1.9	2.2	2.4	235 (24)	265 (27)	9.6 (9.7)	294 (30)	SWH 10-	10		
		15	81.7(8.3)	2.9	3.2	3.6						15		
		20	61.3(6.3)	3.8	4.3	4.8						20		
		25	49.0(5.0)	4.8	5.4	6.0						25		
		30	40.8(4.2)	5.8	6.5	7.2						30		
		35	35.0(3.6)	6.7	7.5	8.4						35		
		40	30.6(3.1)	7.7	8.6	9.6						40		
		45	27.2(2.8)	8.6	9.7	10.8						45		
		50	24.5(2.5)	9.6	10.8	12.0						50		
		55	22.3(2.3)	10.6	11.8	13.2						55		
12	6	15	117(11.9)	2.9	3.2	3.6	337 (34)	379 (38)	9.6 (9.7)	421 (43)	SWH 12-	15		
		20	87.7(8.9)	3.8	4.3	4.8						20		
		25	70.2(7.2)	4.8	5.4	6.0						25		
		30	58.5(6.0)	5.8	6.5	7.2						30		
		35	50.1(5.1)	6.7	7.5	8.4						35		
		40	43.9(4.5)	7.7	8.6	9.6						40		
		45	39.0(4.0)	8.6	9.7	10.8						45		
		50	35.1(3.6)	9.6	10.8	12.0						50		
		55	31.9(3.3)	10.6	11.8	13.2						55		
		60	29.2(3.0)	11.5	13.0	14.4						60		
14	7	20	120(12.3)	3.8	4.3	4.8	462 (47)	520 (53)	10.8 (10.8)	578 (59)	SWH 14-	20		
		25	96.3(9.8)	4.8	5.4	6.0						25		
		30	80.3(8.2)	5.8	6.5	7.2						30		
		35	68.8(7.0)	6.7	7.5	8.4						35		
		40	60.2(6.1)	7.7	8.6	9.6						40		
		45	53.5(5.5)	8.6	9.7	10.8						45		
		50	48.2(4.9)	9.6	10.8	12.0						50		
		55	43.8(4.5)	10.6	11.8	13.2						55		
		60	40.1(4.1)	11.5	13.0	14.4						60		
		65	37.1(3.8)	12.5	14.0	15.6						65		

Ordering Example SWH20-30 SWB22-60

Materiali: fili molle temprati in olio

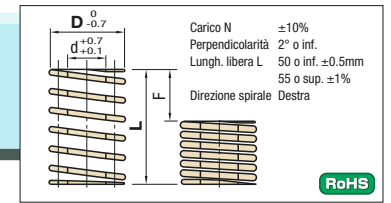
D	d	L	Costante molla N/mm(kgf/mm)	F=Lx19.2%			F=Lx21.6%			F=Lx24%			Codice componente D-L	Prezzo unitario
				Fmm	Carico N(kgf)	Fmm	Carico N(kgf)	Fmm	Carico N(kgf)	Fmm	Carico N(kgf)	Fmm		
16	8	20	157(16.0)	3.8	4.3	4.8	604 (62)	680 (69)	7.5 (7.5)	755 (77)	SWH 16-	20		
		25	126(12.8)	4.8	5.4	6.0						25		
		30	105(10.7)	5.8	6.5	7.2						30		
		35	89.9(9.2)	6.7	7.5	8.4						35		
		40	78.6(8.0)	7.7	8.6	9.6						40		
		45	69.9(7.1)	8.6	9.7	10.8						45		
		50	62.9(6.4)	9.6	10.8	12.0						50		
		55	57.2(5.8)	10.6	11.8	13.2						55		
		60	52.4(5.3)	11.5	13.0	14.4						60		
		65	48.4(4.9)	12.5	14.0	15.6						65		
18	9	20	198(20.2)	3.8	4.3	4.8	761 (78)	856 (87)	8.4 (8.4)	951 (97)	SWH 18-	20		
		25	159(16.2)	4.8	5.4	6.0						25		
		30	132(13.5)	5.8	6.5	7.2						30		
		35	113(11.5)	6.7	7.5	8.4						35		
		40	99.1(10.1)	7.7	8.6	9.6						40		
		45	88.1(9.0)	8.6	9.7	10.8						45		
		50	79.3(8.1)	9.6	10.8	12.0						50		
		55	72.0(7.3)	10.6	11.8	13.2						55		
		60	66.0(6.7)	11.5	13.0	14.4						60		
		65	61.0(6.2)	12.5	14.0	15.6						65		
20	10	20	245(25.0)	3.8	4.3	4.8	941 (96)	1058 (108)	10.4 (10.4)	1176 (120)	SWH 20-	20		
		25	196(20.0)	4.8	5.4	6.0						25		
		30	163(16.7)	5.8	6.5	7.2						30		
		35	140(14.3)	6.7	7.5	8.4						35		
		40	123(12.5)	7.7	8.6	9.6						40		
		45	109(11.1)	8.6	9.7	10.8						45		
		50	98.0(10.0)	9.6	10.8	12.0						50		
		55	89.1(9.1)	10.6	11.8	13.2						55		
		60	81.7(8.3)	11.5	13.0	14.4						60		
		65	75.4(7.7)	12.5	14.0	15.6						65		
22	11	25	237(24.2)	4.8	5.4	6.0	1137 (116)	1279 (130)	12.4 (12.4)	1421 (145)	SWH 22-	25		
		30	197(20.1)	5.8	6.5	7.2						30		
		35	169(17.3)	6.7	7.5	8.4						35		
		40	148(15.1)	7.7	8.6	9.6						40		
		45	132(13.4)	8.6	9.7	10.8						45		
		50	118(12.1)	9.6	10.8	12.0						50		
		55	108(11.0)	10.6	11.8	13.2						55		
		60	98.7(10.1)	11.5	13.0	14.4						60		
		65	91.1(9.3)	12.5	14.0	15.6						65		
		70	84.6(8.6)	13.4	15.1	16.8						70		
25	12.5	25	306(31.2)	4.8	5.4	6.0	1466 (150)	1650 (168)	14.4 (14.4)	1833 (187)	SWH 25-	25		
		30	255(26.0)	5.8	6.5	7.2						30		
		35	218(22.3)	6.7	7.5	8.4						35		
		40	191(19.5)	7.7	8.6	9.6						40		
		45	170(17.3)	8.6	9.7	10.8						45		
		50	153(15.6)	9.6	10.8	12.0						50		
		55	139(14.2)	10.6	11.8	13.2						55		
		60	127(13.0)	11.5	13.0	14.4						60		
		65	118(12.0)	12.5	14.0	15.6						65		
		70	109(11.1)	13.4	15.1	16.8						70		

Ordering Example SWH20-30 SWB22-60

Materiali: fili molle temprati in olio

Molle a spirale

Carico ultra pesante JIS-SWB



D	d	L	Costante molla N/mm(kgf/mm)	F=Lx16%			F=Lx18%			F=Lx20%			Codice componente D-L	Prezzo unitario
				Fmm	Carico N(kgf)	Fmm	Carico N(kgf)	Fmm	Carico N(kgf)	Fmm	Carico N(kgf)	Fmm		
6	3	15	59.0(6.0)	2.4	2.7	3.0	142 (14)	159 (16)	7.0 (7.0)	177 (18)	SWB 6-	15		
		20	44.3(4.5)	3.2	3.6	4.0						20		
		25	35.4(3.6)	4.0	4.5	5.0						25		
		30	29.5(3.0)	4.8	5.4	6.0						30		
		35	25.3(2.6)	5.6	6.3	7.0						35		
		40	22.1(2.3)	6.4	7.2	8.0						40		
		45	19.7(2.0)	7.2	8.1	9.0						45		
		50	17.7(1.8)	8.0	9.0	10.0						50		
		55	16.1(1.6)	8.8	9.9	11.0						55		
		60	14.8(1.5)	9.6	10.8	12.0						60		
8	4	10	162(16.5)	1.6	1.8	2.0	258 (26)	291 (30)	9.0 (9.0)	323 (33)	SWB 8-	10		
		15	108(11.0)	2.4	2.7	3.0						15		
		20	80.8(8.2)	3.2	3.6	4.0						20		
		25	64.6(6.6)	4.0	4.5	5.0						25		
		30	53.8(5.5)	4.8	5.4	6.0						30		
		35	46.1(4.7)	5.6	6.3	7.0						35		
		40	40.4(4.1)	6.4	7.2	8.0						40		
		45	35.9(3.7)	7.2	8.1	9.0						45		
		50	32.3(3.3)	8.0	9.0	10.0						50		
		55	29.4(3.0)	8.8	9.9	11.0						55		
10	5	10	221(22.5)	1.6	1.8	2.0	353 (36)	397 (41)	10.0 (10.0)	441 (45)	SWB 10-	10		
		15	147(15.0)	2.4	2.7	3.0						15		
		20	110(11.2)	3.2	3.6	4.0						20		
		25	88.2(9.0)	4.0	4.5	5.0						25		
		30	73.5(7.5)	4.8	5.4	6.0						30		
		35	63.0(6.4)	5.6	6.3	7.0						35		
		40	55.1(5.6)	6.4	7.2	8.0						40		
		45	49.0(5.0)	7.2	8.1	9.0						45		
		50	44.1(4.5)	8.0	9.0	10.0						50		
		55	40.1(4.1)	8.8	9.9	11.0						55		
12	6	15	190(19.3)	2.4	2.7	3.0	455 (46)	512 (52)	11.0 (11.0)	569 (58)	SWB 12-	15		
		20	142(14.5)	3.2	3.6	4.0						20		
		25	114(11.6)	4.0	4.5	5.0						25		
		30	94.8(9.7)	4.8	5.4	6.0						30		
		35	81.3(8.3)	5.6	6.3	7.0						35		
		40	71.1(7.3)	6.4	7.2	8.0						40		
		45	63.2(6.4)	7.2	8.1	9.0						45		
		50	56.9(5.8)	8.0	9.0	10.0						50		
		55	51.7(5.3)	8.8	9.9	11.0						55		
		60	47.4(4.8)	9.6	10.8	12.0						60		
14	7	20	184(18.8)	3.2	3.6	4.0	589 (60)	662 (68)	12.0 (12.0)	736 (75)	SWB 14-	20		
		25	147(15.0)	4.0	4.5	5.0						25		
		30	123(12.5)	4.8	5.4	6.0						30		
		35	105(10.7)	5.6	6.3	7.0						35		
		40	92.0(9.4)	6.4	7.2	8.0						40		
		45	81.8(8.3)	7.2	8.1	9.0						45		
		50	73.6(7.5)	8.0	9.0	10.0						50		
		55	66.9(6.8)	8.8	9.9	11.0						55		
		60	61.3(6.3)	9.6	10.8	12.0						60		
		65	56.6(5.8)	10.4	11.7	13.0						65		

Ordering Example SWH20-30 SWB22-60

Materiali: fili molle temprati in olio

D	d	L	Costante molla N/mm(kgf/mm)	F=Lx16%			F=Lx18%			F=Lx20%			Codice componente D-L	Prezzo unitario
				Fmm	Carico N(kgf)	Fmm	Carico N(kgf)	Fmm	Carico N(kgf)	Fmm	Carico N(kgf)			
16	8	20	245(25.0)	3.2	3.6	4.0	784 (80)	882 (90)	9.0 (9.0)	980 (100)	SWB 16-	20		
		25	196(20.0)	4.0	4.5	5.0						25		
		30	163(16.7)	4.8	5.4	6.0						30		
		35	140(14.3)	5.6	6.3</									