

SYL2 轻负荷 LIGHT LOAD 蓝色 BLUE

规格 外径*内径*高度 OD*ID*Lenth		刚度 Spring Constant		工作极限高度及负荷 Ultimate Working Length And Load			
in	mm	N/mm	Lbs/in	in	Lbs	mm	N
$\frac{3}{8} * \frac{3}{16} * 1$	9.5*4.7*25.4	9.8	56	0.50	28	12.7	124
$1\frac{1}{4}$	31.8	8.4	48	0.62	30	15.9	134
$1\frac{1}{2}$	38.1	6.6	38	0.75	29	19.1	125
$1\frac{3}{4}$	44.5	5.9	34	0.85	30	22.3	131
2	50.8	4.9	28	1.00	28	25.4	124
$2\frac{1}{2}$	63.5	4.2	24	1.25	30	31.8	134
3	76.2	3.2	15	1.50	27	38.1	12
12	305.0	1.0	6	6.00	30	152.5	153
$\frac{1}{2} * \frac{9}{32} * 1$	13*7*25.4	17.5	100	0.50	50	12.7	222
$1\frac{1}{4}$	31.8	16.1	92	0.62	58	15.9	256
$1\frac{1}{2}$	38.1	13.3	76	0.75	57	19.1	254
$1\frac{3}{4}$	44.5	11.9	68	0.85	60	22.3	265
2	50.8	11.2	64	1.00	64	25.4	284
$2\frac{1}{2}$	63.5	9.1	52	1.25	65	31.8	289
3	76.2	7.0	40	1.50	60	38.1	267
$3\frac{1}{2}$	88.9	5.3	30	1.75	53	44.4	236
12	305.0	1.4	8	6.00	48	152.5	214
$\frac{5}{8} * \frac{11}{32} * 1$	16*8.7*25.4	24.9	131	0.50	66	12.7	316
$1\frac{1}{4}$	31.8	22.4	128	0.62	80	15.9	356
$1\frac{1}{2}$	38.1	18.9	108	0.75	81	19.1	359
$1\frac{3}{4}$	44.5	16.8	96	0.85	84	22.3	373
2	50.8	15.4	88	1.00	88	25.4	391

$2\frac{1}{2}$	63.5	10.5	60	1.25	75	3.18	333
3	76.2	9.8	56	1.50	84	38.1	373
$3\frac{1}{2}$	88.9	8.4	48	1.75	84	44.4	374
4	101.6	7.7	44	2.00	88	50.8	391
12	305.0	2.5	14	6.00	84	152.5	381
$\frac{3}{4} * \frac{3}{8} * 1$	19.5*9.5*25.4	56.1	312	0.50	156	12.7	712
$1\frac{1}{4}$	31.8	44.8	256	0.62	160	15.9	712
$1\frac{1}{2}$	38.1	35.0	200	0.75	150	19.1	665
$1\frac{3}{4}$	44.5	30.8	176	0.85	154	22.3	684
2	50.8	25.2	144	1.00	144	25.4	640
$2\frac{1}{2}$	63.5	21.0	120	1.25	150	31.8	666
3	76.2	16.8	96	1.50	144	38.1	640
$3\frac{1}{2}$	88.9	14.0	80	1.75	140	44.4	623
4	101.6	12.6	72	2.00	144	50.8	640
$4\frac{1}{2}$	114.3	11.2	64	2.25	144	57.2	641
5	127.0	9.8	56	2.50	140	63.5	622
$5\frac{1}{2}$	139.7	8.4	48	2.75	132	69.9	586
6	152.4	7.0	40	3.00	120	76.2	533
12	305.0	4.2	24	6.00	144	152.5	641
$1 * \frac{1}{2} * 1$	25.5*13*25.4	93.9	536	0.50	268	12.7	1193
$1\frac{1}{4}$	31.8	76.4	436	0.62	273	15.9	1215
$1\frac{1}{2}$	38.1	58.8	336	0.75	252	19.2	1117
$1\frac{3}{4}$	44.5	50.4	288	0.85	252	22.3	1119
2	50.8	40.6	232	1.00	232	25.4	22.3
$2\frac{1}{2}$	63.5	35.0	200	1.25	250	31.8	1110
3	76.2	26.6	152	150	228	38.1	1013
$3\frac{1}{2}$	88.9	22.4	128	1.75	224	44.4	997

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in	mm	N/mm	Lbs/in	in	Lbs	mm	N
1* $\frac{1}{2}$ *4	25.5*13*101.6	21.0	120	2.00	240	50.8	1067
$\frac{1}{4}$	114.3	18.2	104	2.25	234	57.2	1039
5	127.0	16.8	96	2.50	240	63.5	1067
$\frac{1}{5}$	139.7	15.4	88	2.75	242	69.9	1075
6	152.4	14.0	80	3.00	240	76.2	1067
7	177.8	12.6	72	3.50	252	88.9	1120
8	203.2	9.8	56	4.00	224	101.6	996
12	305.0	7.0	40	6.00	240	152.4	1068
$\frac{1}{4}$ * $\frac{5}{8}$ * $\frac{1}{2}$	32*16*38.1	86.9	496	0.75	372	19.2	1651
$\frac{3}{4}$	44.5	74.2	424	0.85	371	22.3	1647
2	50.8	61.7	352	1.00	352	25.4	1567
$\frac{1}{2}$	63.5	50.4	288	1.25	360	31.8	1598
3	76.2	42.0	244	1.50	360	38.1	1600
$\frac{1}{3}$	88.9	35.0	200	1.75	350	44.4	1558
4	101.6	30.8	176	2.00	352	50.8	1565
$\frac{1}{4}$	114.3	28.0	160	2.25	360	57.2	1602
5	127.0	23.8	136	2.50	340	63.5	1511
$\frac{1}{5}$	139.7	22.4	128	2.75	352	69.9	1564
6	152.4	21.0	120	3.00	360	76.2	1600
7	177.8	18.2	104	3.50	364	88.9	1618
8	203.2	15.4	88	4.00	352	101.6	1565
10	254.0	12.6	72	5.00	360	127.0	3600
12	305.0	9.8	56	6.00	336	152.4	1495

$1\frac{1}{2} * \frac{3}{4} * 2$	38.5*19.5*50.8	78.5	448	1.00	448	25.4	1994
$2\frac{1}{2}$	63.5	64.4	368	1.25	460	31.8	2041
3	76.2	58.8	336	1.50	504	38.1	2240
$3\frac{1}{2}$	88.9	46.3	264	1.75	462	44.2	2060
4	101.6	37.8	216	2.00	432	50.8	1920
$4\frac{1}{2}$	114.3	36.4	208	2.25	468	57.2	2078
5	127.0	35.0	200	2.50	500	63.5	2223
$5\frac{1}{2}$	139.7	29.4	168	2.75	462	69.9	2052
6	152.4	25.2	144	3.00	432	76.2	1920
7	177.8	23.8	136	3.50	476	88.9	2116
8	203.2	22.4	128	4.00	512	101.6	2276
10	254.0	15.4	88	5.00	440	127.0	1956
12	305.0	14.0	80	6.00	480	152.5	2135
$2*1*2\frac{1}{2}$	51*25.5*63.5	159.6	896	1.25	1120	31.8	4989
3	76.2	134.5	768	1.50	1152	38.1	5124
$3\frac{1}{2}$	88.9	113.5	648	1.75	1134	44.2	5051
4	101.6	96.7	552	2.00	1104	50.8	4912
$4\frac{1}{2}$	114.3	82.7	472	2.25	1062	57.2	4722
5	127.0	72.9	416	2.50	1040	63.5	4629
$5\frac{1}{2}$	139.7	68.6	392	2.75	1078	69.9	4788
6	152.4	61.7	352	3.00	1056	76.2	4702
7	177.8	54.6	312	3.50	1092	88.9	4854
8	203.2	44.8	256	4.00	1024	127.0	4552
10	254.0	36.4	208	5.00	1040	127.0	4623
12	305.0	29.4	168	6.00	1008	152.5	4484