

SYB2 超重负荷 SUPER LOAD

绿色 GREEN

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	38.5	220	0.75	55.0	19.1	243
$1\frac{1}{4}$	31.8	29.8	170	0.94	53.2	23.9	235
$1\frac{1}{2}$	38.1	25.4	145	1.12	54.4	28.6	241
$1\frac{3}{4}$	44.5	20.2	115	1.31	50.4	33.4	224
2	50.8	17.5	100	1.50	50.0	38.1	222
$2\frac{1}{2}$	63.5	14.0	80	1.87	50.0	47.6	223
3	76.2	11.4	65	2.50	48.8	57.2	219
12	305.0	2.6	15	9.00	45.0	228.8	201
$\frac{1}{2} * \frac{9}{32} * 1$	13*7*25.4	56.1	320	0.75	80.0	19.1	353
$1\frac{1}{4}$	31.8	42.0	240	1.06	75.1	23.9	332
$1\frac{1}{2}$	38.1	35.0	200	1.12	75.0	28.6	333
$1\frac{3}{4}$	44.5	29.1	170	1.31	74.5	33.4	331
2	50.8	24.5	140	1.50	70.0	38.1	311
$2\frac{1}{2}$	63.5	20.2	115	1.87	71.9	47.6	321
3	76.2	15.7	90	2.25	67.5	57.2	298
$3\frac{1}{2}$	88.9	14.0	80	2.62	70.0	66.7	311
12	305.0	4.4	25	9.00	75.0	228.8	335
$\frac{5}{8} * \frac{11}{32} * 1$	16*8.7*25.4	110.3	630	0.75	157.5	19.1	695
$1\frac{1}{4}$	31.8	82.3	470	0.94	147.1	23.9	650
$1\frac{1}{2}$	38.1	66.6	380	1.12	142.5	28.6	633
$1\frac{3}{4}$	44.5	56.1	320	1.31	140.2	33.4	623
2	50.8	50.8	290	1.50	145.0	38.1	645
$2\frac{1}{2}$	63.5	38.5	220	1.87	137.5	47.6	612
3	76.2	31.6	180	2.25	135.0	57.2	599

$3\frac{1}{2}$	88.9	28.0	160	2.62	140.0	66.7	622
4	101.6	23.6	135	3.00	135.0	76.2	599
12	305.0	7.9	45	9.00	135.0	228.8	602
$\frac{3}{4} * \frac{3}{8} * 1$	19.5*9.5*25.4	245.2	1400	0.75	350.0	19.1	1545
$1\frac{1}{4}$	31.8	192.7	1100	0.94	344.3	23.9	1522
$1\frac{1}{2}$	38.1	155.8	890	1.12	337.5	28.6	1480
$1\frac{3}{4}$	44.5	131.3	750	1.31	328.5	33.4	1457
2	50.8	111.2	635	1.50	317.5	38.1	1412
$2\frac{1}{2}$	63.5	87.6	500	2.13	312.5	47.6	1393
3	76.2	70.9	405	2.25	303.8	57.2	1347
$3\frac{1}{2}$	88.9	60.4	345	2.62	301.9	66.7	1341
4	101.6	41.2	300	3.00	300.0	85.7	1336
$4\frac{1}{2}$	114.3	46.4	265	3.37	298.1	85.7	1327
5	127.0	41.2	235	3.75	293.8	95.3	1306
$5\frac{1}{2}$	139.7	37.7	215	4.13	295.6	104.8	1316
6	152.4	34.1	195	4.50	292.5	114.3	1299
12	305.0	16.7	95	9.00	285.0	228.8	1273

## SYB2 超重负荷 SUPER LOAD

## 绿色 GREEN

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
$1\frac{1}{2} * 4$	25.5*13*38.1	323.7	1848	1.12	693	28.6	3075
$1\frac{1}{4}$	50.8	203.2	1160	1.50	580	38.1	2581
5	63.5	156.9	896	1.87	561	47.6	2495
$5\frac{1}{2}$	76.2	128.9	736	2.25	552	57.2	2449
6	88.9	109.3	624	2.62	546	66.7	2426
7	101.6	96.7	552	3.00	552	76.2	2456
8	114.3	85.5	488	3.37	549	85.7	2455
12	127.0	75.7	432	3.75	540	95.3	2400

$1\frac{1}{4} * \frac{5}{8} * 1\frac{1}{2}$	152.4	63.0	360	4.50	540	114.3	2400
$3\frac{3}{4}$	305.0	30.8	176	9.00	528	228.8	2347
2	32*16*50.8	336.2	3760	1.50	1880	38.1	4270
$2\frac{1}{2}$	63.5	252.2	2944	1.87	1840	47.6	4010
3	76.2	207.4	2312	2.25	1734	57.2	3941
$3\frac{1}{2}$	88.9	176.5	1960	2.62	1715	66.7	3918
4	101.6	147.1	1712	3.00	1712	76.2	3736
$4\frac{1}{2}$	114.3	137.3	1480	3.37	1665	85.7	3927
5	127.0	191.1	1360	3.75	1700	95.3	3775
$5\frac{1}{2}$	152.4	98.1	1104	4.50	1656	114.3	3738
6	203.2	72.9	808	6.00	1616	152.4	3703
7	254.0	58.8	672	7.50	1680	190.5	3146
8	305.0	46.3	544	9.00	1632	228.8	3528
10	38.5*19.5*50.8	658.5	3760	1.50	1880	38.1	8363
12	63.5	515.6	2944	1.87	1840	47.6	8198
$1\frac{1}{2} * \frac{3}{4} * 2$	76.2	404.9	2312	2.25	1734	57.2	7693
$2\frac{1}{2}$	88.9	343.3	1960	2.62	1715	66.7	7621
3	101.6	300.0	1712	3.00	1712	76.2	7620
$3\frac{1}{2}$	114.3	259.2	1480	3.37	1665	85.7	7413
4	127.0	238.2	1360	3.75	1700	95.3	7789
$4\frac{1}{2}$	152.4	193.4	1104	4.50	1656	114.3	7369
5	203.0	141.5	808	6.00	1616	152.4	7188
$5\frac{1}{2}$	254.0	117.7	672	7.50	1680	190.5	7474
6	305.0	95.3	544	9.00	1632	228.8	7262
7	51*25.5*63.5	668.3	3816	1.87	2385	47.6	10626
8	76.2	546.4	3120	2.25	2340	57.2	10382
10	88.9	445.5	2544	2.62	2226	66.7	9890
12	101.6	385.3	2200	3.00	2200	76.2	9787
$2*1*2\frac{1}{2}$	114.3	330.7	1888	3.37	2124	85.7	9458
3	127.0	302.6	1728	3.75	2160	95.3	9592
$3\frac{1}{2}$	152.4	248.0	1416	4.50	2124	114.3	9449
4	203.0	175.1	1000	6.00	2000	152.4	8895

---

$\frac{1}{42}$	254.0	147.1	840	7.50	2100	190.5	9431
5	305	124.7	712	9.00	2136	228.8	9502