

SYM2 中负荷 MEDIUM LOAD 红色 RED

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	15.8	90	0.63	33	16.0	149
$1\frac{1}{4}$	31.8	12.8	73	0.79	34	20.0	151
$1\frac{1}{2}$	38.1	11.7	67	0.95	37	24.0	165
$1\frac{3}{4}$	44.5	10.2	58	1.10	38	28.0	168
2	50.8	8.8	50	1.26	37	32.0	165
$2\frac{1}{2}$	63.5	7.4	42	1.58	39	40.0	174
3	76.2	5.3	30	1.89	33	48.0	149
12	305.0	1.6	9	7.60	40	192.2	181
$\frac{1}{2} * \frac{9}{32} * 1$	13*7*25.4	29.4	168	0.63	62	16.0	276
$1\frac{1}{4}$	31.8	24.4	139	0.79	64	20.0	232
$1\frac{1}{2}$	38.1	21.0	120	0.95	67	24.0	296
$1\frac{3}{4}$	44.5	18.2	104	1.10	67	28.0	300
2	50.8	15.2	87	1.26	64	32.0	286
$2\frac{1}{2}$	63.5	12.5	68	1.58	63	40.0	294
3	76.2	10.0	57	1.89	63	48.0	282
$3\frac{1}{2}$	88.9	8.2	47	2.21	61	56.0	270
12	305.0	2.1	12	7.56	53	192.2	237
$\frac{5}{8} * \frac{11}{32} * 1$	16*8.7*25.4	48.5	277	0.63	103	16.0	456
$1\frac{1}{4}$	31.8	36.4	208	0.79	96	20.0	430
$1\frac{1}{2}$	38.1	33.3	190	0.95	106	24.0	470
$1\frac{3}{4}$	44.5	29.4	168	1.10	109	28.0	485
2	50.8	25.9	148	1.26	110	32.0	487

$\frac{1}{2\frac{1}{2}}$	63.5	20.2	115	1.58	106	40.0	475
3	76.2	17.5	100	1.89	111	48.0	494
$\frac{1}{3\frac{1}{2}}$	88.9	14.9	85	2.21	110	56.0	490
4	101.6	13.3	76	2.52	113	64.0	446
12	305.0	4.7	27	7.56	120	192.2	531
$\frac{3}{4} * \frac{3}{8} * 1$	19.5*9.5*25.4	100.9	576	0.63	213	16.0	948
$\frac{1}{1\frac{1}{4}}$	31.8	77.1	440	0.79	204	20.0	910
$\frac{1}{1\frac{1}{2}}$	38.1	56.1	320	0.95	178	24.0	791
$\frac{3}{1\frac{1}{4}}$	44.5	50.4	288	1.10	187	28.0	832
2	50.8	43.4	248	1.26	184	32.0	816
$\frac{1}{2\frac{1}{2}}$	63.5	33.6	192	1.58	178	40.0	790
3	76.2	25.2	144	1.89	160	48.0	711
$\frac{1}{3\frac{1}{2}}$	88.9	22.4	128	2.21	166	56.0	737
4	101.6	21.0	120	2.52	178	64.0	704
$\frac{1}{4\frac{1}{2}}$	114.3	19.6	112	2.84	187	72.0	829
5	127.0	18.2	104	3.15	192	80.0	855
$\frac{1}{5\frac{1}{2}}$	139.7	16.8	96	3.69	195	88.0	869
6	152.4	14.0	80	3.78	178	96.0	790
12	305.0	6.3	36	7.56	160	192.2	712
$1 * \frac{1}{2} * 1$	25.5*13*25.4	129.1	720	0.63	266	16.0	1213
$\frac{1}{1\frac{1}{4}}$	31.8	109.3	624	0.79	289	20.0	1289
$\frac{1}{1\frac{1}{2}}$	38.1	86.9	496	0.95	275	24.0	1225
$\frac{3}{1\frac{1}{4}}$	44.5	77.1	440	1.10	285	28.0	1272
2	50.8	64.4	368	1.26	272	32.0	1211
$\frac{1}{2\frac{1}{2}}$	63.5	50.4	288	1.58	266	40.0	1184
3	76.2	40.6	232	1.89	258	48.0	1145
$\frac{1}{3\frac{1}{2}}$	88.9	37.8	216	2.21	280	56.0	1244

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in	mm	N/mm	Lbs/in	in	Lbs	mm	N
1* $\frac{1}{2}$ *4	25.5*13*101.6	32.2	184	2.52	272	64.0	1085
$\frac{1}{4}$	114.3	26.6	152	2.84	253	72.0	1125
5	127.0	25.2	144	3.15	266	80.0	1184
$\frac{1}{5}$	139.7	22.4	128	3.69	261	88.0	1158
6	152.4	19.6	112	3.78	249	96.0	1105
7	177.8	16.8	96	4.41	249	112.0	1105
8	203.2	15.4	88	5.04	261	128.0	1158
12	305.0	9.8	56	7.56	249	192.2	1107
$\frac{1}{4}$ * $\frac{5}{8}$ * $\frac{1}{2}$	32*16*38.1	200.3	1114	0.95	635	24.0	2824
$\frac{3}{4}$	44.5	176.5	1008	1.10	653	28.0	2912
2	50.8	151.3	864	1.26	639	32.0	2844
$\frac{1}{2}$	63.5	109.3	624	1.58	577	40.0	2569
3	76.2	89.7	512	1.89	568	48.0	2530
$\frac{1}{3}$	88.9	74.4	440	2.21	570	56.0	2448
4	101.6	64.4	368	2.52	545	64.0	2157
$\frac{1}{4}$	114.3	56.1	320	2.84	533	72.0	2373
5	127.0	45.0	272	3.15	503	80.0	2115
$\frac{1}{5}$	139.7	46.3	264	3.69	537	88.0	2394
6	152.4	40.6	232	3.78	515	96.0	2290
7	177.8	35.0	200	4.41	518	112.0	2303
8	203.2	32.2	184	5.45	545	128.0	2421
10	254.0	22.4	128	6.30	474	160.0	2106
12	305.0	19.6	112	7.56	497	192.2	2215

$1\frac{1}{2} * \frac{3}{4} * 2$	38.5*19.5*50.8	189.1	1080	1.26	799	32.0	3555
$2\frac{1}{2}$	63.5	149.9	856	1.58	792	40.0	3527
3	76.2	109.3	624	1.89	693	48.0	3082
$3\frac{1}{2}$	88.9	92.5	528	2.21	684	56.0	3025
4	101.6	84.1	480	2.52	710	64.0	2817
$4\frac{1}{2}$	114.3	75.7	432	2.84	719	72.0	3202
5	127.0	64.4	368	3.15	681	80.0	3027
$5\frac{1}{2}$	139.7	60.2	344	3.69	700	88.0	3112
6	152.4	53.2	304	3.78	675	96.0	3000
7	177.8	46.3	264	4.41	684	112.0	3047
8	203.2	36.4	208	5.04	616	128.0	2737
10	254.0	30.8	176	6.30	651	160.0	2895
12	305.0	25.2	144	7.56	639	192.2	2870
$2*1*2\frac{1}{2}$	51*25.5*63.5	207.4	1184	1.58	1095	40.0	4874
3	76.2	168.1	960	1.89	1066	48.0	4740
$3\frac{1}{2}$	88.9	140.1	800	2.21	1036	56.0	4609
4	101.6	116.3	664	2.52	983	64.0	3896
$4\frac{1}{2}$	114.3	105.1	600	2.84	999	72.0	4446
5	127.0	98.1	560	3.15	1036	80.0	4611
$5\frac{1}{2}$	139.7	88.3	504	3.69	1026	88.0	4565
6	152.4	82.7	472	3.78	1048	96.0	4664
7	177.8	70.0	400	4.41	1036	112.0	4606
8	203.2	61.7	352	5.04	1042	128.0	4640
10	254.0	42.0	240	6.30	888	160.0	3948
12	305.0	39.2	224	7.56	995	192.2	4430