



LÒ XO KHUÔN MẪU THT

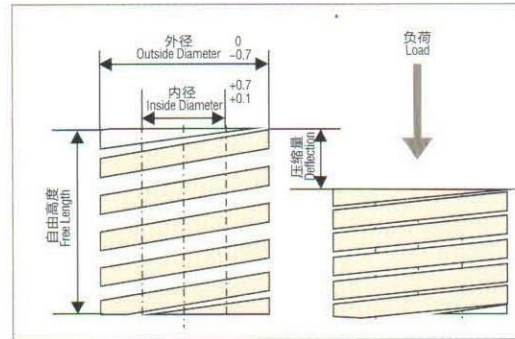
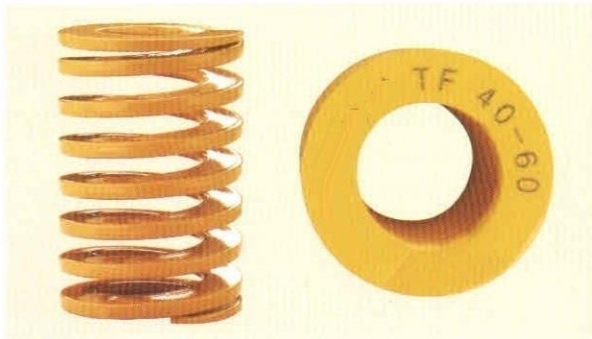
Die Springs

轻小负荷(TF) Lightest Load(TF)



CÔNG TY TNHH CÔNG NGHIỆP THT VIỆT NAM

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- 负荷的计算公式
负荷 (N) = 弹簧刚度 x 压缩量 (mm)
- Load Calculation Formula
Load (N) = Spring constant x Deflection (mm)

材料的性质: SWOSC-V同等
Material: Equivalent to SWOSC-V

型号: 轻小负荷
Type: Lightest Load

涂沫色: 黄色
Color: Yellow

最大压缩量的计算公式
最大压缩量 (mm) = 自由高度 - 密着高度

Maximum Deflection Calculation Formula
Maximum deflection (mm) = Free length - Squared length

Allowable Tolerance THT VIET NAM www.congnghiethth.com

外径 Outside Diameter		内径 Inside Diameter		自由高度 Free Length		负荷 Load	垂直度 Squareness	旋向 Winding Direction
60mm 以下 60mm or less	70mm 以上 70mm or more	33mm 以下 33mm or less	38.5mm 以上 38.5mm or more	50mm 以下 50mm or less	55mm 以上 55mm or more			
+0.0mm -0.7mm	+0.0mm -1.0mm	+0.7mm +0.1mm	-0.0mm +1.0mm	± 0.5mm	± 1%	± 10%	2° 以下 Angle 2° or less	右旋 Right Hand

轻小负荷的弹簧刚度以及使用次数和负荷的关系 Relation of Spring Constant and Using Times to Load (Lightest Load)

自由高度 Free Length	外径 Outside Diameter																	压缩量 Deflection (mm)		
	6	8	10	12	14	16	18	20	22	25	27	30	35	40	50	60	70	30万次 300,000 times	50万次 500,000 times	100万次 1,000,000 times
15	7.85	10.20	13.04	18.34														7.50	6.80	6.10
20	5.88	7.65	9.81	13.73	17.65	20.59	25.50	31.38										10.00	9.00	8.10
25	4.71	6.08	7.85	10.98	14.12	16.48	20.40	25.10	31.38	39.23	47.07	56.88						12.50	11.30	10.20
30	3.92	5.10	6.57	9.12	11.77	13.73	17.06	20.89	26.18	32.66	39.23	47.37						15.00	13.50	12.20
35	3.33	4.31	5.59	7.85	10.10	11.77	14.61	17.95	22.46	27.95	33.64	40.50						17.50	15.80	14.30
40	2.94	3.82	4.90	6.86	8.83	10.30	12.75	15.69	19.61	24.52	29.42	35.30	48.05	62.57				20.00	18.00	16.30
45		3.43	4.31	6.08	7.85	9.22	11.38	13.93	17.46	21.77	26.18	31.48	42.76	55.60				22.50	20.30	18.40
50		3.04	3.92	5.49	7.06	8.24	10.20	12.55	15.69	19.61	23.54	28.24	38.44	50.21	78.45			25.00	22.50	20.30
55		2.75	3.53	5.00	6.37	7.55	9.32	11.38	14.32	17.85	21.38	25.79	34.91	45.50	71.29			27.50	24.80	22.20
60		2.55	3.24	4.61	5.88	6.86	8.53	10.49	13.04	16.38	19.61	23.54	31.97	41.78	65.31	94.05		30.00	27.00	24.30
65		2.35	3.04	4.22	5.39	6.37	7.85	9.61	12.06	15.10	18.14	21.77	29.62	38.54	60.31			32.50	29.30	26.20
70		2.16	2.84	3.92	5.00	5.88	7.26	8.92	11.18	14.02	16.77	20.10	27.46	35.79	56.00	80.61	111.80	35.00	31.50	28.00
75		2.06	2.65	3.63	4.71	5.49	6.86	8.34	10.49	13.04	15.69	18.93	25.60	33.34	52.27			37.50	33.80	30.00
80		1.96	2.45	3.43	4.41	5.20	6.37	7.85	9.81	12.26	14.71	17.65	24.03	31.38	49.03	70.51	97.97	40.00	36.00	32.00
90			2.16	3.04	3.92	4.61	5.69	6.96	8.73	10.89	13.04	15.69	21.28	27.85	43.54	62.76	87.08	45.00	40.50	36.00
100					3.53	4.12	5.10	6.28	7.85	9.81	11.77	14.12	19.22	25.10	39.23	56.49	78.35	50.00	45.00	40.00
125						3.33	4.12	5.00	6.28	7.85	9.41	11.28	15.40	20.01	31.38	45.11	62.76	62.50	56.30	50.00
150							4.22	5.20	6.57	7.85	9.41	12.75	16.67	26.09	37.66	52.27		75.00	67.50	60.00
175									5.59	6.77	8.04	10.98	14.32	22.36	32.26	44.82		87.50	78.80	70.00
200									4.90	5.88	7.06	9.61	12.55	19.61	28.24	39.23		100.00	90.00	80.00
225													11.08	17.46	25.10			112.50	101.30	90.00
250													10.00	15.69	22.56	31.38		125.00	112.50	100.00
275													9.12	14.22	20.50			137.50	123.80	110.00
300													8.34	13.04	18.83	26.09		150.00	135.00	120.00
内径 Inside Diameter	3	4	5	6	7	8	9	11	11	13.5	13.5	16	19	22	27.5	33	38.5	在表中：弹簧刚度 (N/mm)		

在表中: 弹簧刚度 (N/mm)
Table Ref: Spring Constant (N/mm)

负荷N (kgf) Load N (kgf)

使用次数 Using Times 压缩量 Deflection (mm)