

Measured		
Density	2930.053517	$I = M R^2 / 2$

Physlab owns these

Label	I (Kg m-2)	I (kg mm-2)	M	R	H
F	0.00000175	<b>1.75</b>	0.01902	0.01358	0.0111
H	0.00000125	<b>1.25</b>	0.01902	0.01148	0.01562
J	0.00000075	<b>0.75</b>	0.01902	0.0089	0.02595
I	0.000001	<b>1</b>	0.01902	0.010265	0.01933
E	0.000002	<b>2</b>	0.01902	0.014501894	0.009825069
D	0.000003	<b>3</b>	0.01902	0.017761121	0.006550046
C	0.000004	<b>4</b>	0.01902	0.020508776	0.004912534
B	0.000005	<b>5</b>	0.01902	0.022929508	0.003930028
	0.000006	<b>6</b>	0.01902	0.025118018	0.003275023
	0.000007	<b>7</b>	0.01902	0.02713056	0.002807163
	0.000008	<b>8</b>	0.01902	0.029003789	0.002456267
	0.000009	<b>9</b>	0.01902	0.030763164	0.002183349
	0.00001	<b>10</b>	0.01902	0.032427222	0.001965014
	0.000011	<b>11</b>	0.01902	0.034009957	0.001786376

Easily Machineable
Difficult but Machineable
Very difficult to be machined
Inappropriate dimensions

Spring I

Do mm	17
dw um	385
a	0.0001925
b	0.0083075
Density	8060
V per turn	6.07661E-09
M per turn	4.89775E-05
I pt (Kgm2)	3.38152E-09
I pt (kgmm2)	0.003381522
Turns	400
I	1.352608608
M	0.019590999

R (mm)	H (mm)	Dia (mm)
13.58	11.1	27.16
11.48	15.62	22.96
8.9	25.95	17.8
10.265	19.33	20.53
14.5	9.83	29
17.76	6.55	35.52
20.51	4.91	41.02
22.93	3.93	45.86
25.12	3.28	50.24
27.13	2.81	54.26
29	2.46	58
30.76	2.18	61.52
32.43	1.97	64.86
34.01	1.79	68.02