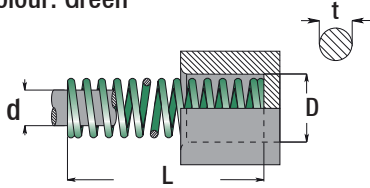


NEW



Code: TVY

Round Wire, Light Load Spring
Colour: Green



By multiplying spring coefficient (R) with compression / load rate (mm) simply, spring force value is reached.
Example: R x (A.B.C)

Nw - Newton = (0.102) Kgf

D Outer Dia.	d Rod Dia.	L Length	R Load Rate	A Long Life % 25	B Min. Deflect. % 30	C Max. Deflect. % 40	D Full Deflect. Breakable
t	mm	Nw.	mm	mm	mm	mm	mm
10	5	25	4.4	6.3	7.5	10.0	13.2
		32	3.4	8.0	9.6	12.8	16.5
		38	2.8	9.5	11.4	15.2	19.8
		44	2.4	11.0	13.2	17.6	23.1
		51	2.1	12.8	15.3	20.4	26.9
		64	1.6	16.0	19.2	25.6	33.3
		76	1.3	19.0	22.8	30.4	39.6
1.1	305	0.3	76.3	91.5	122.0	157	
13	6.3	25	8.5	6.3	7.5	10.0	13.5
		32	6.5	8.0	9.6	12.8	16.8
		38	5.3	9.5	11.4	15.2	20.3
		44	4.4	11.0	13.2	17.6	23.9
		51	3.8	12.8	15.3	20.4	26.9
		64	2.9	16.0	19.2	25.6	33.3
		76	2.5	19.0	22.8	30.4	41.1
89	2.1	22.3	26.7	35.6	48.3		
1.5	305	0.6	76.3	91.5	122.0	163	
16	8	25	17.9	6.3	7.5	10.0	14.7
		32	13.5	8.0	9.6	12.8	18.5
		38	10.5	9.5	11.4	15.2	22.4
		44	8.8	11.0	13.2	17.6	25.9
		51	7.6	12.8	15.3	20.4	30.0
		64	5.9	16.0	19.2	25.6	37.8
		76	4.8	19.0	22.8	30.4	45.2
		89	4.0	22.3	26.7	35.6	52.8
		102	3.5	25.5	30.6	40.8	60.7
2.0	305	1.1	76.3	91.5	122.0	184	

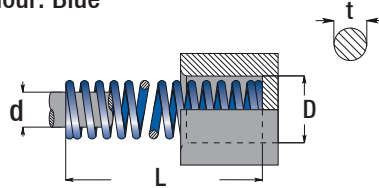


Order: TVY. D x L



Code: TBM

Round Wire, Medium Load Spring
Colour: Blue



By multiplying spring coefficient (R) with compression / load rate (mm) simply, spring force value is reached.
Example: R x (A.B.C)

Nw - Newton = (0.102) Kgf

D Outer Dia.	d Rod Dia.	L Length	R Load Rate	A Long Life % 25	B Min. Deflect. % 30	C Max. Deflect. % 37.5	D Full Deflect. Breakable
t	mm	Nw.	mm	mm	mm	mm	mm
10	5	25	12.3	6.3	7.5	9.4	10.4
		32	9.5	8.0	9.6	12.0	13.2
		38	7.8	9.5	11.4	14.3	16.0
		44	6.5	11.0	13.2	16.5	18.5
		51	5.6	12.8	15.3	19.1	21.1
		64	4.5	16.0	19.2	24.0	26.4
		76	3.7	19.0	22.8	28.5	31.8
1.5	305	0.9	76.3	91.5	114	129	
13	6.3	25	21.7	6.3	7.5	9.4	11.2
		32	16.8	8.0	9.6	12.0	14.0
		38	13.8	9.5	11.4	14.3	17.3
		44	11.6	11.0	13.2	16.5	19.8
		51	10.0	12.8	15.3	19.1	22.9
		64	7.8	16.0	19.2	24.0	28.4
		76	6.4	19.0	22.8	28.5	34.3
89	5.6	22.3	26.7	33.4	41.4		
1.8	305	1.5	76.3	91.5	114	139	
16	8	25	31.9	6.3	7.5	9.4	10.9
		32	24.0	8.0	9.6	12.0	13.7
		38	19.4	9.5	11.4	14.3	16.5
		44	16.1	11.0	13.2	16.5	19.3
		51	13.8	12.8	15.3	19.1	22.1
		64	10.7	16.0	19.2	24.0	27.4
		76	8.8	19.0	22.8	28.5	33.0
		89	7.5	22.3	26.7	33.4	38.6
		102	6.5	25.5	30.6	38.3	44.5
2.2	305	2.1	76.3	91.5	114	134	

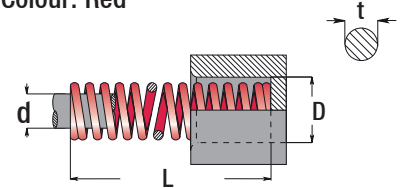


Order: TBM. D x L



Code: TRK

Round Wire, Heavy Load Spring
Colour: Red



By multiplying spring coefficient (R) with compression / load rate (mm) simply, spring force value is reached.
Example: R x (A.B.C)

Nw - Newton = (0.102) Kgf

D Outer Dia.	d Rod Dia.	L Length	R Load Rate	A Long Life % 20	B Min. Deflect. % 25	C Max. Deflect. % 30	D Full Deflect. Breakable
t	mm	Nw.	mm	mm	mm	mm	mm
10	5	25	20.7	5.0	6.3	7.5	8.6
		32	16.1	6.4	8.0	9.6	10.9
		38	13.0	7.6	9.5	11.4	13.2
		44	10.9	8.8	11.0	13.2	14.7
		51	9.6	10.2	12.8	15.3	17.8
		64	7.7	12.8	16.0	19.2	22.9
		76	6.3	15.2	19.0	22.8	26.9
1.6	305	1.5	61.0	76.3	91.5	110	
13	6.3	25	37.5	5.0	6.3	7.5	8.9
		32	28.9	6.4	8.0	9.6	11.2
		38	23.5	7.6	9.5	11.4	13.7
		44	19.6	8.8	11.0	13.2	15.7
		51	17.3	10.2	12.8	15.3	18.8
		64	13.5	12.8	16.0	19.2	23.6
		76	11.2	15.2	19.0	22.8	28.4
89	9.5	17.8	22.3	26.7	33.0		
2.2	305	2.7	61.0	76.3	91.5	114	
16	8	25	81.6	5.0	6.3	7.5	9.1
		32	61.3	6.4	8.0	9.6	11.4
		38	49.9	7.6	9.5	11.4	14.2
		44	40.8	8.8	11.0	13.2	16.3
		51	35.6	10.2	12.8	15.3	18.8
		64	27.8	12.8	16.0	19.2	23.9
		76	22.8	15.2	19.0	22.8	29.0
		89	19.6	17.8	22.3	26.7	34.3
		102	17.0	20.4	25.5	30.6	39.4
2.8	305	5.4	61.0	76.3	91.5	119	



Order: TRK. D x L