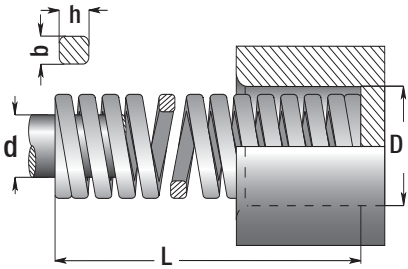




Ultra Heavy Load Spring Code: **GY**
Colour: Silver



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

Application Information for Long Lived Usage of Springs:

High tension levels only should be used when limited life is expected or in case of static loading. Under dynamic loading conditions, at the same time, exposing column spring to extraordinary temperatures, tensile loadings, lateral loadings, sudden loadings and high frequency usage limits the life time of springs. In all these cases, decreasing of tension / deflection values assists in terms of better spring life.

Order: **GY. D x L**

Usage: It is compatible with die systems and machine equipment designs.

Ultra Heavy Load Spring Code: **GY**

D Outer Dia.	d Rod Dia.	L Length	R Load Rate	A Long Life % 10	B Min. Deflect. % 12	C Max. Deflect. % 15	D Full Deflect. Breakable	
b x h	mm	Nw.	mm	mm	mm	mm	mm	
25	12.5	64	644	6.40	7.70	9.60	13.0	
		76	556	7.60	9.10	11.4	16.0	
		89	462	8.90	10.7	13.4	20.0	
		102	390	10.2	12.2	15.3	23.0	
		115	360	11.5	13.8	17.3	26.0	
		127	326	12.7	15.2	19.1	28.0	
		152	255	15.2	18.2	22.8	34.0	
		178	230	17.8	21.4	26.7	39.0	
		203	202	20.3	24.4	30.5	45.0	
		5.6x7.5	305	136	30.5	36.6	45.8	63.0
32	16	64	1077	6.40	7.70	9.60	13.0	
		76	874	7.60	9.10	11.4	16.0	
		89	721	8.90	11.0	13.3	20.0	
		102	620	10.0	12.0	15.3	23.0	
		115	560	12.0	14.0	17.2	26.0	
		127	496	13.0	15.0	19	28.0	
		152	408	15.0	18.0	22.8	34.0	
		178	353	18.0	21.0	26.7	39.0	
		203	304	20.0	24.0	30.4	45.0	
		254	243	25.0	30.0	38.1	62.0	
7.5x9.2	305	196	31.0	37.0	45.7	75.0		
40	20	89	880	8.90	10.7	13.4	20.0	
		102	762	10.2	12.2	15.3	23.0	
		115	679	11.5	13.8	17.3	26.0	
		127	622	12.7	15.2	19.1	28.0	
		152	509	22.8	18.2	22.8	36.0	
		178	429	17.8	21.4	26.7	43.0	
		203	374	20.3	24.4	30.5	49.0	
		254	296	25.4	30.5	38.1	62.0	
		8.5x11	305	246	30.5	36.6	45.8	75.0
		50	25	89	1410	8.90	10.7	13.4
102	1215			10.2	12.2	15.3	22.0	
115	1076			11.5	13.8	17.3	25.0	
127	968			12.7	15.2	19.1	28.0	
152	806			15.2	18.2	22.8	34.0	
178	698			17.8	21.4	26.7	40.0	
203	612			20.3	24.4	30.5	45.0	
254	472			25.4	30.5	38.1	58.0	
11.8x13.5	305			388	30.5	36.6	45.8	70.0