

F0	N	Initial tension
F1	N	Prestressed spring force
F2	N	Loaded spring force
Fn	N	Maximum spring force
s1	mm	Prestressed spring deflection
s2	mm	Loaded spring deflection
sn	mm	Maximum spring deflection

Chart values:

(0): $s_0 = 0,00$ mm; $F_0 = 19,71$ N
 (x): $s_n = 30,78$ mm; $F_n = 216,40$ N

Spring characteristic (force-displacement diagram)

