

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; $F_0 = 36,40$ N(x): $s_n = 42,28$ mm; $F_n = 422,90$ N**Spring characteristic (force-displacement diagram)**