

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; $F_0 = 45,50$ N
(x): $s_n = 20,93$ mm; $F_n = 510,00$ N

Spring characteristic (force-displacement diagram)

