

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): $s_0 = 0,00 \text{ mm}$; $F_0 = 18,77 \text{ N}$
 (x): $s_n = 95,89 \text{ mm}$; $F_n = 290,50 \text{ N}$

Spring characteristic (force-displacement diagram)

