

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;  $F_0 = 9,51$  N

(x):  $s_n = 518,71$  mm;  $F_n = 197,70$  N

**Spring characteristic (force-displacement diagram)**

