

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):  $s_n = 43,64$  mm;  $F_n = 510,00$  N

### Spring characteristic (force-displacement diagram)

