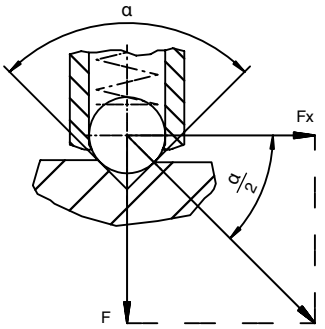
Spring plungers

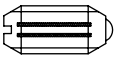
Calculation of the indexing resistence



$$Fx = \frac{F}{\tan \frac{\alpha}{2}}$$

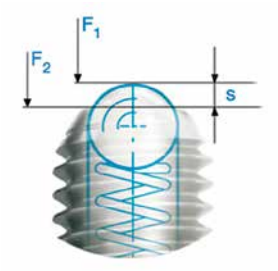
Sample calculation for:
α = 60°, Fx = 1,732 x F
α = 90°, Fx = F
α = 120°, Fx = 0,577 x F

Normal spring pressure



Increased spring pressure

Certified



Certified spring load F_1 and F_2 and stroke s.

The values provided here are guideline values only, based on our current state of knowledge and cannot be used as the basis for any legally binding assurance of certain characteristics or concrete cases of application. To ascertain the concrete suitability of a particular product, a test of the finished part under the specific application conditions is necessary.

(Source: Halder)