

# /// Spring Design Data Sheet

usable for springs made out of round, rectangular and profiled wire as well as Helical Disc Springs, spring sets and special enquiries

Please fill in this document as accurate as possible and return it to us. We will promptly get in touch with you. Finally you will receive the ideal spring design for your individual application including a spring drawing free of charge. /// If you have any further questions our technical staff will be glad to help you. For communication please use our contact data further down.

## 1 /// Geometry

Diameter of bush:  $D_H =$   mm

Diameter of shaft:  $d =$   mm

## 2 /// Operational demands

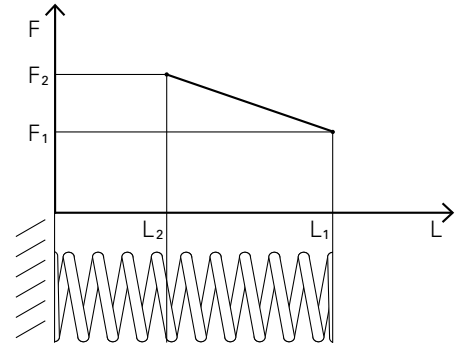
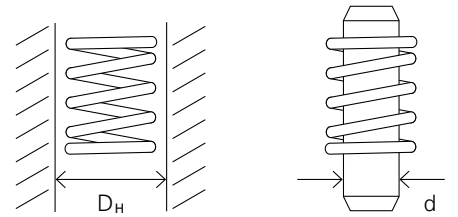
Preloaded Length at  $L_1$ :  $L_1 =$   mm

Load  $F_1$  at length  $L_1$ :  $F_1 =$   N

Loaded Length at  $L_2$ :  $L_2 =$   mm

Load  $F_2$  at length  $L_2$ :  $F_2 =$   N

Excursion (stroke)  $sh =$   mm



## 3 /// End Use

Brief description of the spring usage in the application:

## 4 /// Specific demands

Working temperature range:  $T_{Range} =$   to  °C

Possible affecting environmental influences? (e.g. corrosive effects)

Yes  No if yes, please specify:

Type of stress:  static  dynamic

Desired number of cycles (fatigue life)

under dynamic load  $N =$   cycles

Maximum length of the unloaded spring  $L_0$  critical

(i. e. unloaded spring length is restricted due to an assembling aid)?

Yes  No if yes, please specify  $L_0 =$   mm

Additional details:

## 5 /// General Information

Lot sizes: Samples:  pieces Production run:  pieces per year

Target price: Production run:  € per piece

Contact information

Company Name:  Position:

Surname:  Firstname:

Street:  Postal code/Town:

Telephone:  E-Mail:



Dr. Werner Roehrs GmbH & Co. KG

Oberstdorfer Strasse 11-15 /// D-87527 Sonthofen /// Telephone +49(0)8321 614 0 /// Fax +49(0)8321 614 149  
info@roehrs.de /// www.roehrs.de