

GRUEBER 

Product enquiry **compression springs**
DIN 2099 template - A -
Unified system for entries
on cold-formed, cylindrical compression springs

Enter only information important for function and check only applicable items. Avoid redundant dimensioning! If required, add index k at τ (see DIN EN 13906-1). For cost-effective production, choose the greatest possible permissible tolerances.

If you have any further questions, please do not hesitate to contact us:
Tel **+49 2331 9656 0** | Email **info@grueber.de** | **grueber.de**

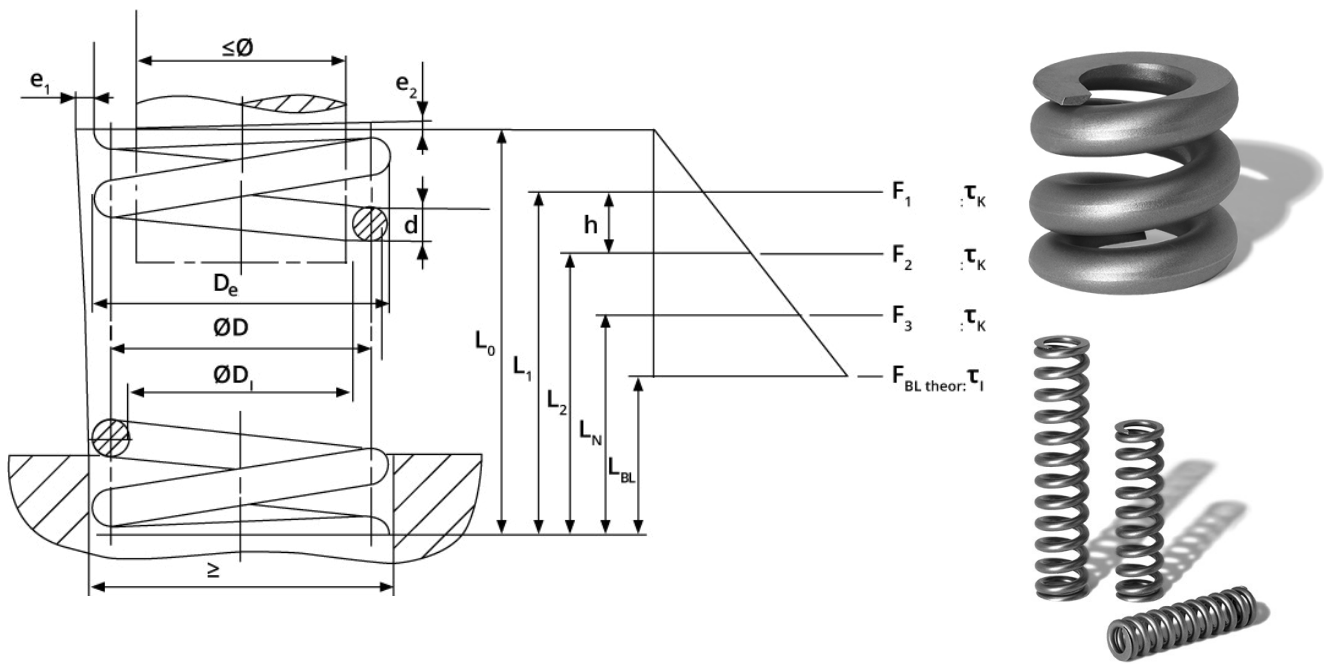


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Product enquiry **compression springs**

We are pleased about your interest in our products. In order to facilitate the processing of your enquiry, please fill in this form as completely as possible. Our service department will then contact you immediately and will be pleased to advise you individually.
Thank you very much for your effort.



Dimensions

D_i = mm \pm mm

$\emptyset D$ = mm \pm mm

D_e = mm \pm mm

L_0 = mm \pm mm

d = mm

e_1 = mm

e_2 = mm

L_1 = mm

L_2 = mm

L_N = mm

L_{BL} = mm

Forces

F_1 = \pm N

F_2 = \pm N

F_N = \pm N

$F_{BL\text{theo}}$ = \pm N

Tension

τ_{K1} = N/mm²

τ_{K2} = N/mm²

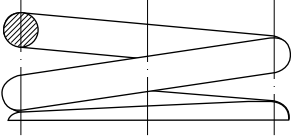
τ_{KN} = N/mm²

τ_{iBL} = N/mm²

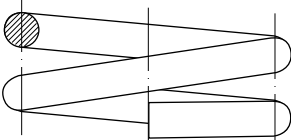
Stress range τ_{kh} = N/mm²

Spring rate c = N/mm²

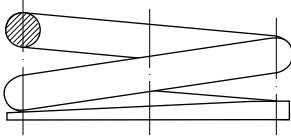
Form spring ends



☐ Closed and ground spring ends



☐ Closed spring ends



☐ Closed, forged and ground spring ends

1 • Number of spring coils i_f

2 • Total number of coils i_g

3 • Coil direction

☐ left

☐ right

4 • Deburring spring ends

☐ none

☐ inner

☐ outer

5 • Range (stroke) h in mm

6 • Load cycle frequency n in 1/min

7 • Working temperature range up to C°

8 • Wire or rod surface

☐ drawn

☐ rolled

☐ fround (centreless)

☐ ball-peened spring

9 • Surface protection

10 • Permissible deviations

	according to DIN 2095; quality grade ...			according to DIN 2096
	1	2	3	
$D_{A'}, D_{I'}, (D_M)$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<div></div>
L_0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<div></div>
F_1 bis F_N	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<div></div>
e_1, e_2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<div></div>

11 • Production adjustment

... if a spring force and the related length are specified with ...

☐ L_0

... if a spring force, the related length and L_0 are specified with ...

☐ i_f and d

☐ L_0, i_f and $D_A, D_I, (D_M)$

... if two spring forces and the related lengths are specified with ...

☐ L_0, i_f and d

☐ L_0, i_f and $D_A, D_I, (D_M)$

12 • L_s in mm

☐ Set test springs

Delivery of remaining springs

☐ set

☐ not set

Springs to be delivered unset may be longer than L_0

Sender

Company

Name

First name

Postal code / city

Country

Email

Phone

☐

I accept your privacy policy | Information on data protection can be found on our website
<https://grueber.de/en/privacy/>

If you send enquiries to us via form or email, your data, including the stated contact information, are stored solely for the purpose of processing your enquiry and in case of additional questions. The legal basis for the processing of your data is our legitimate interest in processing your enquiry in accordance with Article 6 (1) sentence 1 lit. f GDPR as well as, where applicable, Article 6 (1) sentence 1 lit. b GDPR, provided that your enquiry is aimed at concluding a contract. After the processing of your enquiry has been completed, your data will be deleted, unless this conflicts with statutory retention obligations.

Please send the completed form by email, fax or post to:

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