

**BS EN 13906-1:2013**



**BSI Standards Publication**

# **Cylindrical helical springs made from round wire and bar — Calculation and design**

Part 1 : Compression springs

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**National foreword**

This British Standard is the UK implementation of EN 13906-1:2013. It supersedes BS EN 13906-1:2002 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee FME/9/3, Springs.

A list of organizations represented on this committee can be obtained on request to its secretary.

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July 2013

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English Version

**Cylindrical helical springs made from round wire and bar -  
Calculation and design - Part 1 : Compression springs**

Ressorts hélicoïdaux cylindriques fabriqués à partir de fils  
ronds et de barres - Calcul et conception - Partie 1:  
Ressorts de compression

Zylindrische Schraubenfedern aus runden Drähten und  
Stäben - Berechnung und Konstruktion - Teil 1:  
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This European Standard was approved by CEN on 30 May 2013.

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## Foreword

This document (EN 13906-1:2013) has been prepared by Technical Committee CEN/TC 407 “Project Committee - Cylindrical helical springs made from round wire and bar - Calculation and design”, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2014, and conflicting national standards shall be withdrawn at the latest by January 2014.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 13906-1:2002.

This European Standard has been prepared by the initiative of the Association of the European Spring Federation ESF.

This European Standard constitutes a revision of EN 13906-1:2002 for which it has been technically revised. The main modifications are listed below:

- updating of the normative references,
- technical corrections.

EN 13906 consists of the following parts, under the general title *Cylindrical helical springs made from round wire and bar — Calculation and design*:

- *Part 1: Compression springs;*
- *Part 2: Extension springs;*
- *Part 3: Torsion springs.*

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