

ICS 21.160
CCS J26



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 1358-2009

Replacing GB/T 1358-1993

Cylindrical helical spring seriate sizes

圆柱螺旋弹簧尺寸系列

Issued on: March 16, 2009

Implemented on: November 1, 2009

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

Foreword

1 Scope

About this edition

Classification and status

How a Chinese national standard is set out

About this English translation

Foreword

This standard is GB/T 1358-1993 "size series of helical springs" amendments. Remains revising GB/T 1358- 1993 "series of helical springs dimension" in the active part, no longer meet the revised content. This standard was revised standard The main technical differences are as follows:

--- According to the original standard GB/T

1.1 were editorial changes;

--- Standard reference material for a comprehensive new investigation, using the latest version has been revised to replace the original standards referenced in the old version;

--- According to GB/T 1805-2001 "spring term" symbol relates to the original standard was revised. The standard proposed by China Machinery Industry Federation. The standard spring by the National Standardization Technical Committee (SAC/TC235) centralized. This standard is drafted by: Changzhou Ming Kam Spring Co., Ltd., the machine Productivity Promotion Center. Participated in the drafting of this standard. Wuxi Sawane Spring Co., Ltd., Hangzhou Qianjiang Spring Co., Ltd. Zhejiang Jinchang Spring Co., Ltd., Zhejiang Meili Spring Co., Ltd., Hangzhou Xingfa Spring Co., Ltd., Li Chau Group Holdings Limited. The main drafters of this standard. Jiang Xinrong, Caohui Rong, Yang Hong, Yu Fang, Wang Wei, Tushi Run, Zhang Ying will, Miss Bacon, Shao Wenwu, Yan Shiping. This standard replaces the standards previously issued as follows:

--- GB 1358-1978, GB/T 1358-1993. Dimension series helical springs

1 Scope

GB/T 1358-2009 is the Chinese national standard on cylindrical helical spring seriate sizes, in the field of mechanical systems and components. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a

contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 16 March 2009 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 November 2009. Classification: ICS 21.160, CCS J26. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the general purpose circular cross-sectional diameter of the cylindrical coil spring material, spring diameter, the effective number of turns (compression, tension springs) and Free height (compression spring) and other major dimension series. This standard applies to general purpose helical springs.

2 Spring material diameter

Table 1 millimeters 0.10 0.12 0.14 0.16 0.20 0.25 0.30 0.35 0.40 0.45 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.60 2.00 2.50 3.00 3.50 4.00 4.50 5.00 6.00 8.00 10.0 12.0 15.0 16.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0

60.0

Note. The preferred design of the first series. Table 2 millimeters 0.05 0.06 0.07 0.08 0.09 0.18 0.22 0.28 0.32 0.55 0.65 1.40 1.80 2.20 2.80 3.20 5.50 6.50 7.00 9.00 11.0 14.0 18.0 22.0 28.0 32.0 38.0 42.0 55.0

3 spring diameter

Spring diameter D, are shown in Table 3. Table 3 millimeters 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1 1.2 1.4 1.6 1.8 2 2.2 2.5 3 2.8 3.2 3.5 3.8 4.2 4.5 4 4.8 5 5.5 6 6.5 7 7.5 8 8.5 910,121,416,182,022 25 28 3,032,384,245,485,052 55 58 6,065,707,580,859,095 100,105,110,115,120 125,130,135,140,145 150,160,170,180,190 200,210,220,230,240 250,260,270,280,290 300,320,340,360,380 400,450,500,550,600