



**International
Standard**

ISO 22705-3

**Springs — Measurement and test
parameters —**

**Part 3:
Cold formed cylindrical helical
torsion springs**

Ressort — Mesures et paramètres d'essai —

Partie 3: Ressorts à torsion cylindrique, enroulés à froid

**First edition
2024-04**

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Published in Switzerland

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Foreword

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This document was prepared by Technical Committee ISO/TC 227, *Springs*.

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Springs — Measurement and test parameters —

Part 3: Cold formed cylindrical helical torsion springs

1 Scope

This document specifies the measurement and test methods for general characteristics of cold formed cylindrical helical torsion springs made from round wire, excluding dynamic testing.

2 Normative references

There are no normative references in this document.

3 Terms, definitions, symbols and abbreviated terms

3.1 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1.1

spring

mechanical device designed to store energy when deflected and to return the equivalent amount of energy when released

[SOURCE: ISO 26909:2009, 1.1]

3.1.2

torsion spring

spring that offers resistance to a twisting moment around the longitudinal axis of the spring

[SOURCE: ISO 26909:2009, 1.4]

3.1.3

coil spring

coil-shaped spring

[SOURCE: ISO 26909:2009, 3.11]

3.1.4

helical torsion spring

torsion spring normally made of wire of circular cross-section wound around an axis and with ends suitable for transmitting a twisting moment

[SOURCE: ISO 26909:2009, 3.14]