
**Tools for pressing — Compression
springs with rectangular section —
Housing dimensions and colour coding**

*Outillage de presse — Ressorts de compression à section
rectangulaire — Dimensions d'encombrement et code de couleur*



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Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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ISO 10243 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 8, *Tools for pressing and moulding*.

This second edition cancels and replaces the first edition (ISO 10243:1991), which has been technically revised.

Tools for pressing — Compression springs with rectangular section — Housing dimensions and colour coding

1 Scope

This International Standard establishes the technical specifications for compression springs made from rectangular wires.

The parameters set in this International Standard are applicable to springs which are set. This International Standard does not attempt to specify the quality of the springs themselves, nor all of their dimensions (e.g. cross-section), their material or their length of life.

The springs are classified into spring rates: light, medium, strong and extra strong. For each spring rate, this International Standard gives a colour code.

2 Technical specifications

2.1 General

Compression springs in accordance with this International Standard shall comply with the technical specifications given in Figure 1 and in 2.2 to 2.6.

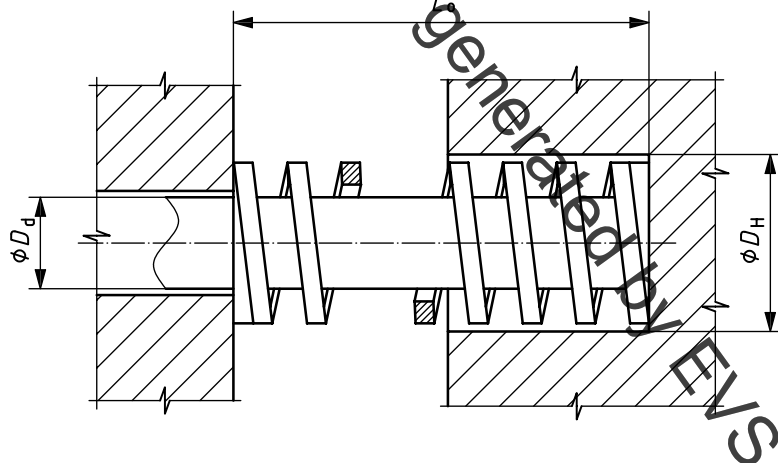


Figure 1 — Compression springs

2.2 Tolerances for free length, L_0

The tolerances for free length, L_0 , shall comply with the indications of Figure 1 and Table 1.