International Standard

ISO 11901-2

Tools for pressing — Gas springs —

Part 2: Specification of accessories

Outillage de presse — Ressorts à gaz —

Partie 2: Spécifications des accessoires

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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

This fourth edition cancels and replaces the third edition (ISO 11901-2:2018), which has been technically revised.

The main changes are as follows:

— update of material designation and normative references.

A list of all parts in the ISO 11901 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Tools for pressing — Gas springs —

Part 2: Specification of accessories

1 Scope

This document specifies the dimensions in millimetres, of mounting base plates, of two-part mounting clamps, of flange mounts and front end supports intended for use in press tool together with gas springs in accordance with ISO 11901-1, ISO 11901-3 and ISO 11901-4.

It also gives information concerning materials and specifies the designation of the mounting accessories in accordance with this document.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 630-2, *Structural steels — Part 2: Technical delivery conditions for structural steels for general purposes*

ISO 2768-1, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications*

3 Terms and definitions

No terms and definitions are listed in this document.

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/

4 Dimensions

4.1 General

All dimensions are indicated in millimetres.

In Figures 1 to 9, general tolerances shall be class m in accordance with ISO 2768-1.

4.2 Type A — Mounting base plates

4.2.1 Type A1 — Mounting base plates with two holes to clamp the gas spring

Mounting base plates with two holes to clamp the gas spring of type A1 shall conform to the indications of Figure 1 and Table 1.

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