BS ISO 11901-1:2025

BSI Standards Publication

Tools for pressing — Gas springs

Part 1: General specifications

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee W/-, Miscellaneous Standards.

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

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Foreword

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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 third edition cancels and replaces the second edition (ISO 11901-1:2003), which has been technically revised.

The main changes are as follows:

— deletion in the description of the location of the pressure filling inlet for gas spring of type 1 500 and 2 500;

— modification of the initial force of gas spring of type 15 000, 30 000, 50 000, 75 000 and 100 000;

— modification of the length of gas spring type 900 with a nominal stroke of 38;

— modification of the design of gas spring type 1 500 and 2 500;

— addition of new strokes for of gas spring type 900, 1 500, 2 500, 5 000, 7 500, 15 000, 30 000, 50 000 and 75 000;

— replacement of length l_4 with diameter D_4 in Table 3 and in Figure 3, Figure 4 and Figure 5.

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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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Introduction

The attention of the user of this document is drawn to the fact that national regulations in regard to gas springs apply.

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