
Tools for pressing — Guide pillars —
Part 2:
Type A, straight pillars

Outillage de presse — Colonnes de guidage —
Partie 2: Type A, colonnes droites

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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 document 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 9182-2:2013) which has been technically revised.

The main changes are as follows:

- deletion of pillar diameter 80 mm and 100 mm and modification of the tolerance on d_1 ;
- addition of an option with a thread;
- modification of the surface roughness value;
- modification of the hardness of the pillar;
- deletion of the pillar end alternative with radius for type A2;
- improvement of drawing of type A2 and addition of the dimension of the throat for the locking ring;
- deletion of the dimensions of the lead for type A1;
- change in the designation of the lengths.

A list of all parts in the ISO 9182 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.

Tools for pressing — Guide pillars —

Part 2: Type A, straight pillars

1 Scope

This document specifies the dimensions and tolerances of guide pillars, type A, intended for use in press tools. These guide pillars can be straight, type A1, or straight with end-locking and locking ring, type A2.

This document gives guidance on the materials and specifies the hardness and the designation of guide pillars which meet the requirements of this document.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definition 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

The dimensions of straight guide pillar (type A1) shall conform to the indications of [Figure 1](#) and [Table 1](#).

The dimensions of straight guide pillar with end-locking and locking ring (type A2) shall conform to the indications of [Figure 2](#) and [Table 1](#).