
Tools for pressing — Guide pillars —
Part 4:
Type C, pillars with taper lead and bush

Outillage de presse — Colonnes de guidage —

Partie 4: Type C, colonnes à emmanchement conique et sa bague de guidage



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Contents		Page
Foreword.....		iv
1	Scope.....	1
2	Normative references.....	1
3	Dimensions.....	1
4	Material.....	3
5	Designation.....	3
Bibliography.....		5

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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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 29, *Small tools*, Subcommittee SC 8, *Tools for pressing and moulding*.

This second edition results from the reinstatement of ISO 9182-4:1992 which was withdrawn in 2007 and with which it is technically identical.

ISO 9182 consists of the following parts, under the general title *Tools for pressing — Guide pillars*:

- *Part 1: Types*
- *Part 2: Type A, straight pillars*
- *Part 3: Type B, end-locking pillars*
- *Part 4: Type C, pillars with taper lead and bush*
- *Part 5: Type D, end-locking pillars with flange*

Tools for pressing — Guide pillars —

Part 4:

Type C, pillars with taper lead and bush

1 Scope

This part of ISO 9182 specifies the dimensions and tolerances, in millimetres, of guide pillars, type C, with taper lead and bush, intended for use in press tools.

It gives guidance on the materials and specifies the hardness and the designation of guide pillars which meet the requirements of this part of ISO 9182.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 6753-1:2005, *Tools for pressing and moulding — Machined plates — Part 1: Machined plates for press tools*

3 Dimensions

The dimensions of guide pillar with taper lead (type C) shall conform to the indications of [Figure 1](#) and [Table 1](#).

The dimensions of the bush for guide pillar with taper lead shall conform to the indications of [Figure 2](#) and [Table 1](#).

The dimensions of the mounting of the bush on the pillar shall conform to the indications of [Figure 3](#) and [Table 1](#).