INTERNATIONAL STANDARD

ISO 9182-1

First edition
1992-06-15

Tools for pressing — Guide pillars —

Part 1: Types

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Outillage de presse — Colonnes de guidage —

Partie 1: Types

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Reference number
ISO 9182-1:1992(E)

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.

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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International Standard ISO 9182-1 was prepared by Technical Committee ISO/TC 29, *Small tools*, Sub-Committee SC 8, *Tools for pressing and moulding*.

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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*

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Tools for pressing — Guide pillars —

Part 1:
Types

1 Scope

This part of ISO 9182 illustrates four main types of guide pillars and their methods of mounting.

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2 Types, methods of mounting and dimensions

The guide pillars represented in figure 1 illustrate the types only; these representations shall not influence the manufacturer's design.

The detailed dimensions of each type of guide pillar are given in the appropriate part of ISO 9182.

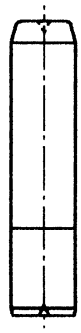
Type A – Straight guide pillars
(see ISO 9182-2)

Type A1 – Straight guide pillar

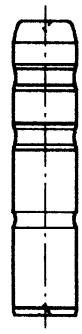
Type A2 – Straight guide pillar with end-locking and locking ring

Type B – End-locking guide pillars
(see ISO 9182-3)

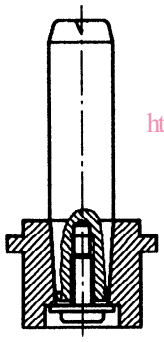
Type B1 – End-locking guide pillar



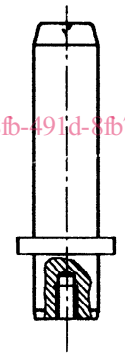
Type B2 – End-locking guide pillar with lubrication grooves



Type C – Guide pillar with taper lead and bush
(see ISO 9182-4)



Type D – End-locking guide pillar with flange
(see ISO 9182-5)



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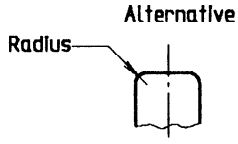

Figure 1

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