

SVENSK STANDARD

SS-ISO 8693:2016



Fastställt/Approved: 2016-12-07
Publicerad/Published: 2016-12-15
Utgåva/Edition: 3
Språk/Language: engelska/English
ICS: 25.100.01; 25.120.30

Formverktyg – Bladutstötare (ISO 8693:2011, IDT)

Tools for moulding – Flat ejector pins (ISO 8693:2011, IDT)

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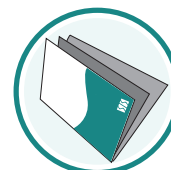
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Den internationella standarden ISO 8693:2011 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av ISO 8693:2011.

Denna standard ersätter SS-ISO 8693, utgåva 2.

The International Standard ISO 8693:2011 has the status of a Swedish Standard. This document contains the official English version of ISO 8693:2011.

This standard supersedes the Swedish Standard SS-ISO 8693, edition 2.

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Information about the content of the standard is available from the Swedish Standards Institute (SIS), telephone +46 8 555 520 00. Standards may be ordered from SIS Förlag AB, who can also provide general information about Swedish and foreign standards.

Denna standard är framtagen av kommittén för Press- och formverktyg samt fixturdetaljer, SIS/TK 277.

Har du synpunkter på innehållet i den här standarden, vill du delta i ett kommande revideringsarbete eller vara med och ta fram andra standarder inom området? Gå in på www.sis.se - där hittar du mer information.

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 8693 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 8693:1998), of which it constitutes a minor revision. In particular, the indication of surface textures has been updated in accordance with ISO 1302:2002.

Tools for moulding — Flat ejector pins

1 Scope

This International Standard specifies the dimensions and tolerances, in millimetres, of flat ejector pins which are used in compression and injection moulds and in die casting dies.

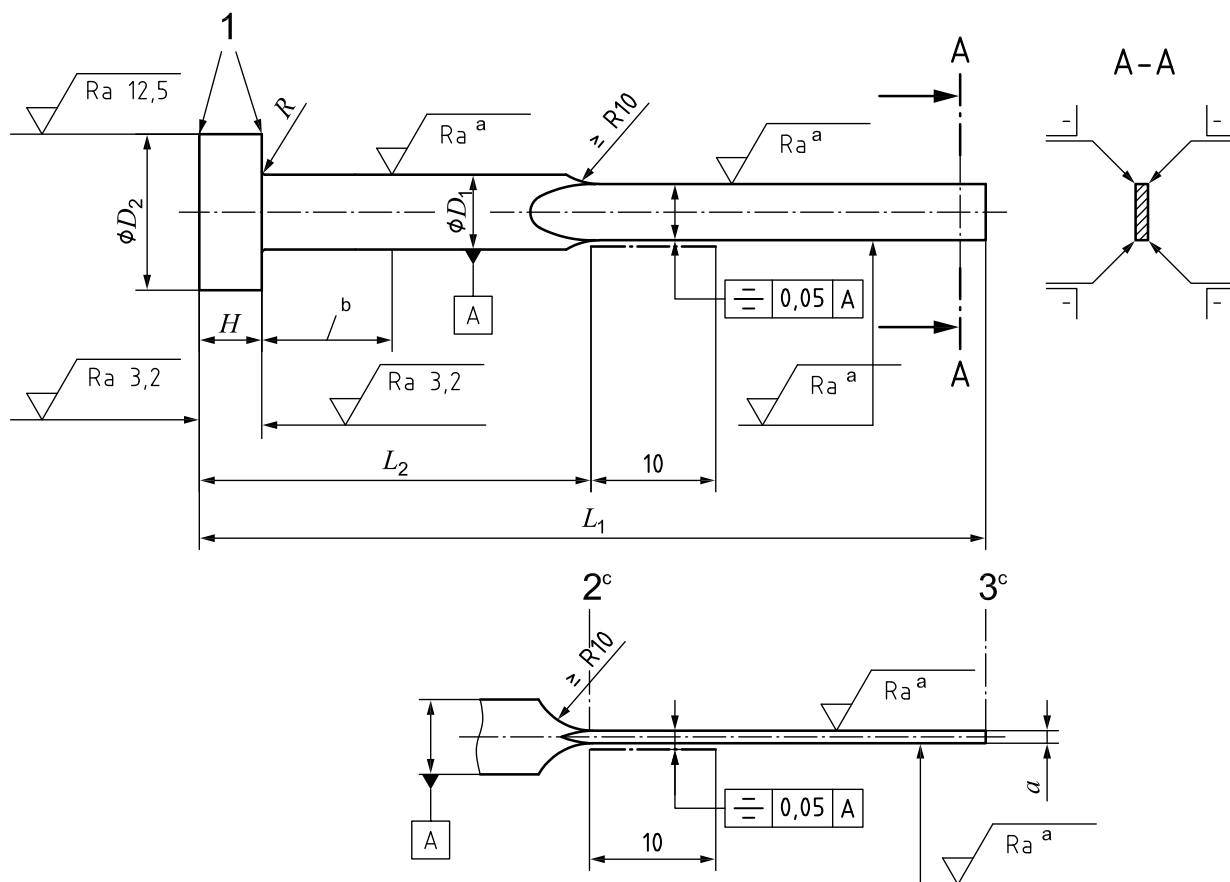
It also gives material guidelines and hardness requirements, and specifies the designation of flat ejector pins.

Ejector pins with cylindrical head are specified in ISO 6751; shouldered ejector pins are specified in ISO 8694.

2 Dimensions

The dimensions of flat ejector pins shall be in accordance with the indications of Figure 1 and Tables 1 and 2.

Surface roughness values in micrometres



Key

- 1 edges without burrs
- 2 gauge plane 2
- 3 gauge plane 1
- ^a $Ra\ 0,8$ for hot worked steel. $Ra\ 0,4$ for alloyed cold worked steel.
- ^b It is permitted to provide the ejector pin with an alternative surface roughness or a small variation on the diameter, D_1 , for a certain length.
- ^c See note a to Tables 1 and 2.

Figure 1 — Flat ejector pins