

---

# International Standard



# 6751

---

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

---

## Ejector pins with cylindrical head — Basic dimensions

*Éjecteurs à tête cylindrique — Dimensions de base*

First edition — 1982-11-01

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO 6751:1982](https://standards.iteh.ai/catalog/standards/sist/e9619897-cabd-475a-8dea-57e834d2eddd/iso-6751-1982)

<https://standards.iteh.ai/catalog/standards/sist/e9619897-cabd-475a-8dea-57e834d2eddd/iso-6751-1982>

---

UDC 621.979.073

Ref. No. ISO 6751-1982 (E)

Descriptors : fasteners, pins, dimensions.

Price based on 1 page

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 6751 was developed by Technical Committee ISO/TC 29, *Small tools*, and was circulated to the member bodies in November 1980.

It has been approved by the member bodies of the following countries :

Australia  
Belgium  
China  
Czechoslovakia  
Finland  
France  
Germany, F. R.  
Hungary

India  
Israel  
Italy  
Japan  
Korea, Dem. P. Rep. of  
Korea, Rep. of  
Mexico  
Poland

ISO 6751:1982

Romania  
South Africa, Rep. of  
Sweden  
Switzerland  
United Kingdom  
USA  
USSR

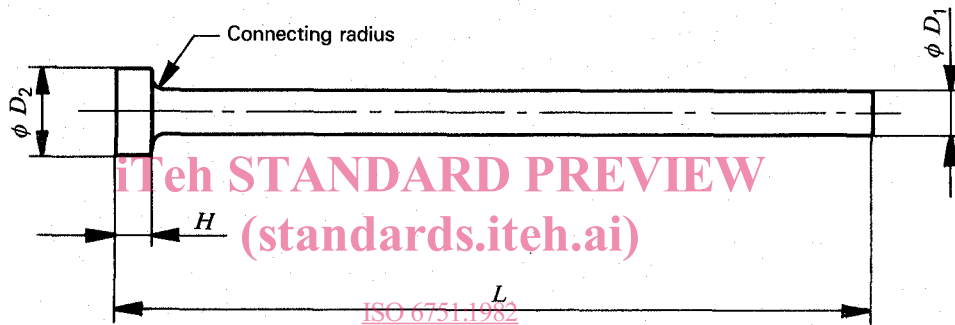
No member body expressed disapproval of the document.

# Ejector pins with cylindrical head — Basic dimensions

## 1 Scope and field of application

This International Standard lays down the basic dimensions in millimetres of ejector pins with cylindrical head which are mainly for use in pressure die cast dies and in mould bases for moulds for plastics and rubber.

## 2 Dimensions



<https://standards.iteh.ai/catalog/standards/sist/e9619897-cabd-475a-8dea-57e834d2eddd/iso-6751-1982>

Dimensions in millimetres

| $D_1$ | $D_2$      | $H$         | $L \begin{smallmatrix} + 2 \\ 0 \end{smallmatrix}$ |     |     |     |     |     |     |     |     |     |       |   |
|-------|------------|-------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|---|
|       |            |             | 100  | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 | 800 | 1 000 |   |
| g6    | 0<br>- 0,2 | 0<br>- 0,05 |  |     |     |     |     |     |     |     |     |     |       |   |
| 2     | 4          | 2           | X  | X   | X   | X   |     |     |     |     |     |     |       |   |
| 2,5   | 5          | 2           | X  | X   | X   | X   |     |     |     |     |     |     |       |   |
| 3     | 6          | 3           | X  | X   | X   | X   | X   | X   |     |     |     |     |       |   |
| 3,2*  | 6          | 3           |  |     | X   |     | X   |     |     |     |     |     |       |   |
| 4     | 8          | 3           | X  | X   | X   | X   | X   | X   | X   |     |     |     |       |   |
| 4,2*  | 8          | 3           |  |     | X   |     | X   |     | X   |     |     |     |       |   |
| 5     | 10         | 3           | X  | X   | X   | X   | X   | X   | X   | X   |     |     |       |   |
| 5,2*  | 10         | 3           |  |     | X   |     | X   |     | X   |     |     |     |       |   |
| 6     | 12         | 5           | X  | X   | X   | X   | X   | X   | X   | X   | X   |     |       |   |
| 6,2*  | 12         | 5           |  |     | X   |     | X   |     | X   |     |     |     |       |   |
| 8     | 14         | 5           | X  | X   | X   | X   | X   | X   | X   | X   | X   | X   |       |   |
| 8,2*  | 14         | 5           |  |     | X   |     | X   |     | X   |     |     |     |       |   |
| 10    | 16         | 5           | X  | X   | X   | X   | X   | X   | X   | X   | X   | X   | X     | X |
| 10,2* | 16         | 5           |  |     | X   |     | X   |     | X   |     |     |     |       |   |
| 12,5  | 18         | 7           |  | X   | X   | X   | X   | X   | X   | X   | X   | X   | X     | X |
| 16    | 22         | 7           |  |     | X   | X   | X   | X   | X   | X   | X   | X   | X     | X |
| 20    | 26         | 8           |  |     |     | X   | X   | X   | X   | X   | X   | X   | X     | X |
| 25    | 32         | 10          |  |     |     |     |     | X   | X   | X   | X   | X   | X     | X |
| 32    | 40         | 10          |  |     |     |     |     |     | X   | X   | X   | X   | X     | X |

\* For repairing purposes.

X Indicates standard.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

ISO 6751:1982

<https://standards.iteh.ai/catalog/standards/sist/e9619897-cabd-475a-8dea-57e834d2eddd/iso-6751-1982>