
International Standard



6751

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

Ejector pins with cylindrical head — Dimensions

Éjecteurs à tête cylindrique — Dimensions

Second edition — 1986-11-15

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[ISO 6751:1986](https://standards.iteh.ai/catalog/standards/sist/1bc3e7a3-9284-4975-855-1506007af4c9/iso-6751-1986)

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Descriptors : pins, ejectors, die casting, moulding equipment, dimensions.

Price based on 2 pages

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.

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. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 6751 was prepared by Technical Committee ISO/TC 29, *Small tools*.

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This second edition cancels and replaces the first edition (ISO 6751-1982), of which it constitutes a minor technical revision.

[ISO 6751:1986](#)

<https://standards.iteh.ai/catalog/standards/sist/1bc3e7a3-9284-4975-8515-15060076819/iso-6751-1986>

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

Ejector pins with cylindrical head — Dimensions

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1 Scope and field of application

This International Standard lays down the dimensions and tolerances, 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. It also specifies their designation.

2 Dimensions

See the figure and the table.

3 Material and hardness

The material and the hardness are left to the manufacturer's discretion.

4 Designation

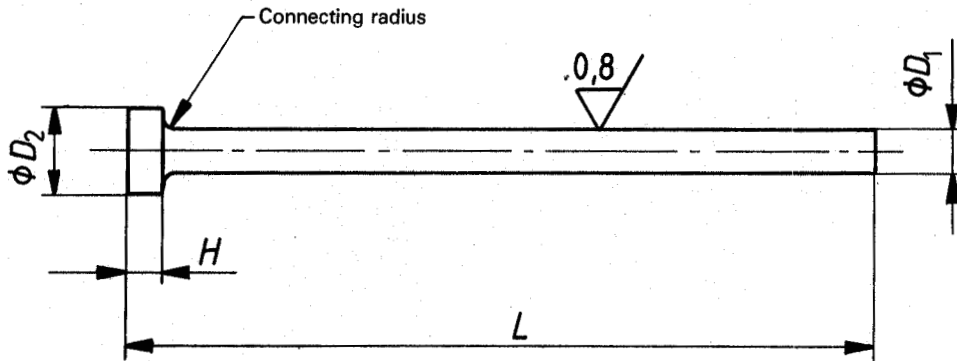
Ejector pins with cylindrical head according to this International Standard shall be designated by

- the block descriptor "Ejector pin with cylindrical head";
- reference to this International Standard;
- the diameter, D_1 , in millimetres;
- the length, L , in millimetres.

Example :

Ejector pin with cylindrical head ISO 6751-2 × 100

Surface roughness value in micrometres



Figure

Table

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

1) Dimensions used for repairs.
 X Indicates standard.