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# International Standard



# 8405

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

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## Ejector sleeves with cylindrical head — Basic series for general purposes

*Éjecteurs tubulaires à tête cylindrique — Séries de base pour usages généraux*

First edition — 1986-06-15

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(standards.iteh.ai)

ISO 8405:1986

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Descriptors : tools, moulds, components, dimensions, designation.

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 8405 was prepared by Technical Committee ISO/TC 29, *Small tools*.

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.

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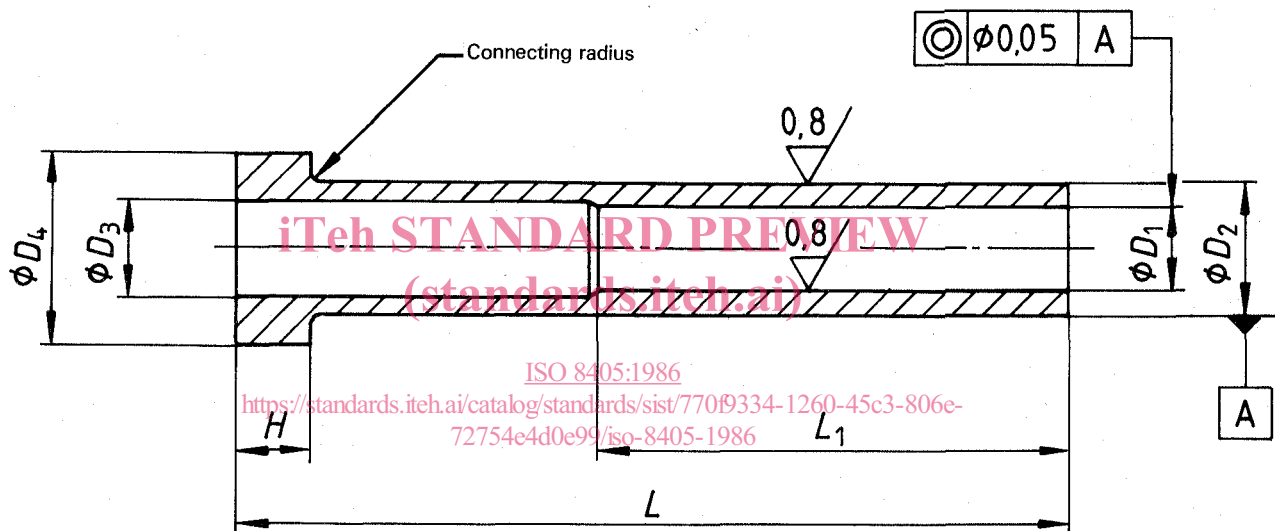
# Ejector sleeves with cylindrical head – Basic series for general purposes

## 1 Scope and field of application

This International Standard specifies dimensions and tolerances in millimetres of ejector sleeves with cylindrical head, intended for use in diecast dies and mould bases.

## 2 Dimensions

Surface roughness values in micrometres



| $D_1$              | $D_2$ | $D_3$   | $D_4$   | $H$  | $L_1$ | $L \begin{smallmatrix} +2 \\ 0 \end{smallmatrix}$ |     |     |                     |     |                     |     |                     |     |
|--------------------|-------|---|---|--|-------|---|-----|-----|---------------------|-----|---------------------|-----|---------------------|-----|
|                    |       |   |   |  |       | 80  | 100 | 125 | (140) <sup>2)</sup> | 160 | (180) <sup>2)</sup> | 200 | (224) <sup>2)</sup> | 250 |
| H5                 | g6    | $\begin{smallmatrix} 0 \\ -0,1 \end{smallmatrix}$ | $\begin{smallmatrix} 0 \\ -0,2 \end{smallmatrix}$ | $\begin{smallmatrix} 0 \\ -0,05 \end{smallmatrix}$ |       |   |     |     |                     |     |                     |     |                     |     |
| 2                  | 4     | 2,3   | 8   | 3  | 35    | ×   | ×   | ×   | ×                   | ×   |                     |     |                     |     |
| 2,5                | 5     | 2,8   | 10  | 3  | 35    | ×   | ×   | ×   | ×                   | ×   | ×                   |     |                     |     |
| 3                  | 5     | 3,3   | 10  | 3  | 45    | ×   | ×   | ×   | ×                   | ×   | ×                   |     |                     |     |
| 3,2 <sup>1)</sup>  |       | 3,5   |   |  |       |   |     |     |                     |     |                     |     |                     |     |
| 4                  | 6     | 4,3   | 12  | 5  | 45    | ×   | ×   | ×   | ×                   | ×   | ×                   | ×   |                     |     |
| 4,2 <sup>1)</sup>  |       | 4,5   |   |  |       |   |     |     |                     |     |                     |     |                     |     |
| 5                  | 8     | 5,3   | 14  | 5  | 45    | ×   | ×   | ×   | ×                   | ×   | ×                   | ×   |                     |     |
| 5,2 <sup>1)</sup>  |       | 5,5   |   |  |       |   |     |     |                     |     |                     |     |                     |     |
| 6                  | 10    | 6,3   | 16  | 5  | 45    | ×   | ×   | ×   | ×                   | ×   | ×                   | ×   | ×                   | ×   |
| 6,2 <sup>1)</sup>  |       | 6,5   |   |  |       |   |     |     |                     |     |                     |     |                     |     |
| 8                  | 12    | 8,3   | 20  | 7  | 45    | ×   | ×   | ×   | ×                   | ×   | ×                   | ×   | ×                   | ×   |
| 8,2 <sup>1)</sup>  |       | 8,5   |   |  |       |   |     |     |                     |     |                     |     |                     |     |
| 10                 | 14    | 10,5  | 22  | 7  | 45    | ×   | ×   | ×   | ×                   | ×   | ×                   | ×   | ×                   | ×   |
| 10,2 <sup>1)</sup> |       | 10,7  |   |  |       |   |     |     |                     |     |                     |     |                     |     |
| 12,5               | 16    | 13,0  | 22  | 7  | 45    | ×   | ×   | ×   | ×                   | ×   | ×                   | ×   | ×                   | ×   |

1) Dimensions used for repair purposes.  
 2) Values in brackets are to be avoided whenever possible.  
 × Indicates standardized types.

### 3 Material and hardness

Material and hardness are left to the manufacturer's discretion.

### 4 Designation

An ejector sleeve in accordance with this International Standard shall be designated by

- a) reference to this International Standard;
- b) its inside diameter,  $D_1$ ;
- c) its length,  $L$ .

*Example:*

**Ejector sleeve ISO 8405 - 2 × 80**

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