

ICS 25.120.30

CCS J 46



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 46637-2025

**Tools for moulding - Mould bases - Round locating elements
and spacers**

成型模 模架 圆形定位元件和垫块

(English Translation)

Issued on: October 31, 2025

Implemented on: October 31, 2025

Issued by: State Administration for Market Regulation

Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Dimensions

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

This document is equivalent to ISO 8406:2008 "Circular positioning elements and pads for forming mold base". This document includes a new chapter on "Terms and Definitions".

1 Scope

This document specifies the basic dimensions of circular positioning elements and spacers. These two elements are suitable for precise positioning between two parts of a molding die.

Position. See Figure 1 for a schematic diagram of the installation of the circular positioning element.

This document also specifies the materials, hardness, and markings of the positioning elements and their pads.

a) Top view b) Simplified structural diagram Index number explanation. 1---Circular positioning element; 2---Place block. a. Parting surface.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included.

For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies to this document.

ISO 4957 Toolsteels

Note: GB/T 9943-2008 High-speed tool steel (ISO 4957:1999, NEQ)

3 Terms and Definitions

This document does not contain any terms or definitions that need to be defined.

4.1 Circular Positioning Element

The dimensions of the circular positioning element should conform to the values given in Figure 2 and Table 1.