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

**GB/T 38363.2-2019**

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**Tools for pressing -- Guide devices -- Part 2: Forms of guide  
bush**

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### Foreword

GB/T 38363 "Die Guide" is divided into two parts.

--- Part 1. Guide post structure type;

--- Part 2. Guide bushing structure type.

This part is the second part of GB/T 38363.

This section is drafted in accordance with the rules given in GB/T 1.1-2009.

This part uses the redrafting method to modify and adopt ISO 9448-1..2013 "Die Guide Sleeve Part 1. Structural Type".

This section is technically different from ISO 9448-1..2013, and the terms related to these differences have been passed on the outer margins

The vertical single line (?) of the position is marked. The corresponding technical differences and their causes are as follows.

--- In "2 Structural Types and Installation Methods", "the nominal size and length of the inner and outer diameters of the guide sleeves of different structural types should be in accordance with

The corresponding part of ISO 9448 was amended to "the nominal size and length of the inner and outer diameters of different types of guide bushes should conform to the corresponding country

--- Deleted "2 structure types and installation methods", "D1 and D2 values of guide bushes of various structure types see the corresponding part of ISO 9448

Points "; the dia. D1, dia. D2 marks in Figures 1 and 2 have been deleted accordingly. The schematic diagram does not need to be marked with a size code;

--- Figure 1b), "the setting of screw holes is determined by the manufacturer", the die guide sleeve type "lead guide sleeve (without screw holes)"

Incorporates the ISO standard "lead guide sleeve (with screw holes)" type;

--- Figure 1c), "The outer shape of the guide sleeve is determined by the manufacturer", the die guide sleeve type "with flange guide sleeve (the guide at both ends of the flange

The outer diameter of the sleeve is the same) "into the ISO standard" Guide sleeve with flange (the outer diameter of the guide sleeve at the ends of the flange is different) "type.

The following editorial changes have been made in this section.

--- Modify the standard name to "Die Guide Device Part 2. Guide Bush Structure Type";

--- "1 Scope", added the standard scope of application "This section applies to die guide bushings."

This part is proposed and managed by the National Mold Standardization Technical Committee (SAC/TC33).

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## 1 Scope

This section of GB/T 38363 gives the types and markings of die guide bushes, including the structure types and installation methods of 7 commonly used guide bushes.

This section applies to die guide bushings.

## 2 Structure type and installation method

The guide bushes in Fig. 1 and Fig. 2 are only examples of structural types, and do not affect the design of the manufacturer.

The nominal sizes and lengths of the inner and outer diameters of different types of guide bushes should conform to the corresponding national and industry standards.

The setting of the screw holes is determined by the manufacturer.

a) Type A straight guide bushing b) Type C lead guide bushing

The outer shape of the guide sleeve is determined by the manufacturer.

c) E-shaped guide bush with flange d) G-shaped guide bush with step

Figure 1 Sliding guide sleeve

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