ICS 25.120.10
CCS J 46

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 38363.1-2019

Tools for pressing -- Guide devices -- Part 1: Types of guide pillar

Issued on: December 31, 2019 **Implemented on: December 31, 2019**

Issued by: State Administration for Market Regulation, China National Standardization Administration

Table of Contents

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 first 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 9182-1..2013 "Punch Die Guide Part 1. Structural Type".

This section has technical differences compared to ISO 9182-1..2013, and the terms related to these differences have passed through the margins on the outside

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 specific dimensions of guide pillars of different structural types can be found in the corresponding part of ISO 9448"

To "the specific dimensions of different types of guide pillars see the corresponding national standards and industry standards";

--- In Figure 1, the guide post structure type "g) E-head guide post" is added, which is a common guide post type;

--- Figure 1f), "the setting of screw holes is determined by the manufacturer", the die guide post type "with flange end locking guide post (without screw

Nail hole) "into the ISO standard" flange end locking guide post (with screw hole) "type.

The following editorial changes have been made in this section.

--- Modify the standard name to "Die Guide Device Part 1. Guide Post Structure Type";

--- "1 Scope", added the standard scope of application "this section applies to die guide column";

--- "" 2 structure type, installation method and size "is modified to" 2 structure type and installation method ", Figures 1 and 2 are schematic diagrams,

Does not involve size;

--- In Figure 1, the sub-picture number has been added to each sub-picture;

--- In Figure 2, the mark "1" was changed to footnote "a", and "a guide post end can be rounded" was added.

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

This section was drafted. Xiangxin Technology Co., Ltd., Youde Precision Industry (Kunshan) Co., Ltd., Luzhou Liantao Electronics Co., Ltd.

Company, East China Jiaotong University, Hubei Sanhuan Forging Co., Ltd., Shenzhen Yihe Precision Technology Group Co., Ltd., SAIC-GM-Wuling Automotive Co., Ltd.

Co., Ltd. Chongqing Branch, Dongguan Zhenliang Hardware Technology Co., Ltd., Xiamen Leader Electronic Technology Co., Ltd., Xi'an Nuofang

Information Technology Co., Ltd., Xiamen Wanming Electronics Co., Ltd., Yiwu Quanyi Mould Industry Development Co., Ltd., Xiamen Kunjin Electronic Technology Co., Ltd.

Co., Ltd., Xi'an Xumai Intelligent Appliance Technology Co., Ltd., Xiamen Meike Security Technology Co., Ltd., Xi'an Libei'an Intelligent Technology Co., Ltd.,

Xiamen Maxtop Electronics Co., Ltd., Guilin Electric Appliance Research Institute Co., Ltd.

1 Scope

This section of GB/T 38363 illustrates the structural types of 5 common guide post types.

This section applies to die guides.

2 Structure type and installation method

The guide post in Figure 1 is only an example of the structure type, and does not affect the design of the manufacturer.

For the specific dimensions of different structure types of guide posts, see the corresponding national standards and industry standards. Figure 2 shows another version of the end of the guide post.

a) Type A1 straight guide post b) Type A2 snap ring end locking straight guide post

c) Type B1 end locking guide d) Type B2 end locking guide with lubrication groove

Figure 1 Guide post structure