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

GB/T 36586.1-2018

Tools for pressing -- Wear plates -- Part 1: Type A

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Foreword

GB/T 36586 "die wear plate" consists of two parts.

--- Part 1. Type A;

--- Part 2. Type B.

This part is the first part of GB/T 36586.

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

This section uses the redrafting method to modify the use of ISO 9183-1.2008 "die die wear plate part 1. A type".

There are technical differences between this part and ISO 9183-1.2008, and the terms involved in these differences have been passed on the outside margins.

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

---About the normative reference documents, this standard has made technical adjustments to adapt to China's technical conditions, adjustments

The situation is reflected in Chapter 2, "Regulatory References", and the specific adjustments are as follows.

* Replace ISO 2768-1 with GB/T 1804 equivalent to the international standard;

* Replace ISO 4762 with GB/T 70.1 modified to international standards.

--- Removed the left view of Figure 3 phi9

0.5

phi in 0 because the size is not the diameter of the circle.

--- Change Chapter 4 "Materials" to "Materials and Hardness". In Chapter 4, "Material

Selection is Determined by the Manufacturer" is revised to "Materials and Hard

The degree is determined by the manufacturer. The selection of materials includes the selection of material grades and their heat treatment characteristics, which is more accurate after modification.

This section has made the following editorial changes.

---Modified standard name;

--- Deleted the description of "Unit is mm" in "1 Scope";

--- "1 Scope" "This section specifies two types of A-type wear plates. A1 type, thickness t is 20mm; A2 type, thickness t

It is 12mm. "Move to" This section gives a description of the material and specifies the type A wear plate for the die that meets the requirements of this section.

mark. "prior to;

---In the "1 Scope", added "this part applies to A-type wear plates for large die.";

--- Modify the "A1 type wear plate size in accordance with the requirements of Figure 1, Figure 2 and Table 1" in 3.1 to "A1 type wear plate structure type"

The size and dimensions shall comply with the requirements of Figure 1, Figure 2 and Table 1";

--- Modify the "A2 type wear plate size in 3.2 should comply with the requirements of Figure 3, Figure 4 and Table 2" to "A2 type wear plate structure type"

The size and dimensions shall comply with the requirements of Figure 3, Figure 4 and Table 2";

--- Move the upper right corner of Figure 1~4 to "the unfilled tolerance should meet the requirements of class m in GB/T 1804" to the lower left corner of the corresponding figure;

---Modified the position of some dimensions, tolerances, and roughness in Figure 1 and Figure 3, and modified the labeling method to conform to the technical drawing.

National standard;

---Modified the line of the transition line in Figure 2 as a thin solid line, not connected to the contour line;

--- supplemented the center line of the sixth row and third column of Figure 2;

--- Increased the drawing of the through holes of the mounting holes in Figure 2, Figure 4;

--- Moved the tolerances in the headers of Table 1, Table 2 to the corresponding size code.

This part is proposed and managed by the National Die Standardization Technical

Committee (SAC/TC33).

This section drafted by. Zhangzhou Vocational and Technical College, Youde Precision Industry (Kunshan) Co., Ltd., Anhui Ruijie forging limited liability

Company, Guilin Electric Apparatus Research Institute Co., Ltd., Shenzhen Guobiao Easy Technology Co., Ltd., Dongguan City, the company,

Ningbo Hongxie Co., Ltd., Xiamen Meike Security Technology Co., Ltd., Zhejiang Ouyi Intelligent Kitchen Co., Ltd., Xi'an Expedition Bureau

Technology Co., Ltd.

1 Scope

This part of GB/T 36586 specifies the basic dimensions and tolerances of the A-type wear plates for large dies, and specifies the dimensions of the mounting holes.

And location.

This section specifies two types of A-type wear plates. A1 type, thickness t is 20mm; A2 type, thickness t is 12mm.

This section gives a description of the material and specifies the marking of the Type A wear plate for the die that meets the requirements of this section.

This section applies to A-type wear plates for large die.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 70.1 hexagon socket head cap screws (GB/T 70.1-2008, ISO 4762:2004, MOD)

GB/T 1804 General tolerances Linear and angular tolerances for unfilled tolerances (GB/T 1804-2000, eqvISO 2768-1.

1989)

3.1 A1 type wear plate

The structural type and dimensions of the A1 type wear plate shall comply with the requirements of Figure 1, Figure 2 and Table 1.

Dimensions in millimeters

Surface roughness value in microns

Unfilled tolerances shall comply with the m-level provisions of GB/T 1804.

Figure 1 A1 type wear plate

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