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

GB/T 2670.1-2017

Replacing GB/T 2670.1-2004

Hexalobular socket pan head tapping screws

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Foreword

This section is "self-tapping screws" one of the national standards. This series includes.

- GB/T 845 cross pan head self-tapping screws;
- GB/T 846 countersunk countersunk head self-tapping screws;
- GB/T 847 cross recessed countersunk head self-tapping screws;
- GB/T 2670.1 hexagonal flower-shaped pan head tapping screws;
- GB/T 2670.2 hexagonal flower-shaped countersunk head self-tapping screws;
- GB/T 2670.3 hexagonal flower-shaped semi-countersunk head self-tapping screws;
- GB/T 5282 slotted plate self-tapping screws;
- GB/T 5283 Slotted countersunk head tapping screws;
- GB/T 5284 Slotted semi-countersunk head self-tapping screws;
- GB/T 5285 hex head self-tapping screws;
- GB/T 9456 cross recessed hexagonal head self-tapping screws;
- GB/T 13806.2 precision machinery fasteners cross-slotted tapping screw scraping end;
- GB/T 16824.1 Hex flange self-tapping screws;
- GB/T 16824.2 Hex flange self tapping screws.

This part of GB/T 2670 Part 1.

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

This section instead of GB/T 2670.1-2004 "hexagonal flower head plate tapping screws", and GB/T 2670.1-2004 compared to the main technical

The changes are as follows.

- Delete "for other technical requirements, GB/T 3098.5 and GB/T 3103.1)" (see.2004

edition of the first 1

chapter);

--- Increase the general technical conditions according to GB/T 16938 (see Table 2);

--- Increase non-electrolytic zinc coating technology requirements according to GB/T 5267.2, and "For other technical requirements or surface treatment, should be supply and demand

Agreement "(see Table 2).

This section uses the redrafted law to amend the use of ISO 14585.2011 "hexagonal flower head pan head tapping screws."

Technical differences from ISO 14585.2011 and their causes are as follows.

--- Deleted ISO 14585 "For other technical requirements, ISO 4759-1 choice." (See Chapter 1), does not belong to the standard

Quasi-prescribed content;

--- Normative references, with our standard instead of international standards (see Chapter 2), increase the reference GB/T 90.2 (see Table 2) and

GB/T 1237 (see 5.1), in line with China's basic standards fasteners;

--- Increase the general technical conditions according to GB/T 16938 (see Table 2) to meet the self-tapping screw standard development requirements;

--- Increase packaging technology requirements (see Table 2), in line with China's basic standards fasteners;

--- Modify the mark example To simplify the mark example (see 5.2), to comply with the provisions of GB/T 1237.

This part is proposed by China Machinery Industry Federation.

This part of the National Standardization Technical Committee fasteners (SAC/TC85) centralized.

This section is responsible for the drafting unit. Machine Productivity Promotion Center.

This section participated in the drafting unit. Zhejiang Jingyi Standard Parts Co., Ltd., Zhejiang Jeddah Metals Co., Ltd.

This part of the National Standardization Technical Committee fasteners responsible for the interpretation.

This part replaces the standards previously issued as.

--- GB/T 2670.1-2004.

Hexagonal flower-shaped pan head tapping screws

1 Scope

This section GB/T 2670 specifies the hexagonal flower-shaped pan head tapping screws type size, technical conditions and markings.

This section applies to thread specifications for ST2.9 ~ ST6.3, product grade A-level hexagonal flower-shaped pan head tapping screws.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article

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

GB/T 90.1 fastener inspection (GB/T 90.1-2002, idtISO 3269.2000)

GB/T 90.2 Fasteners signs and packaging

GB/T 1237 fastener marking method (GB/T 1237-2000, eqvISO 8991.1986)

GB/T 3098.5 mechanical properties of fasteners Self-tapping screws (GB/T 3098.5-2016, ISO 2702.2011, MOD)

GB/T 3103.1 Fasteners Tolerances Bolts, screws, studs and nuts (GB/T 3103.1-2002, idtISO 4759-1.2000)

GB/T 5267.1 fastener plating (GB/T 5267.1-2002, ISO 4042.1999, IDT)

GB/T 5267.2 fasteners non-electrolytic zinc coating (GB/T 5267.2-2002, ISO 10683.2000, IDT)

GB/T 5276 Fasteners - Bolts, screws, studs and nuts Dimensions Code and Notations (GB/T 5276-2015, ISO 225.

2010, MOD)

GB/T 5280 self-tapping screws (GB/T 5280-2002, idtISO 1478.1999)

GB/T 6188 Bolts and screws with hexagonal flowers (GB/T 6188-2000, idtISO 10664.1999)

GB/T 16938 General requirements for fasteners bolts, screws, studs and nuts (GB/T 16938-2008, ISO 8992.

2005, IDT)

3 type size

Self-tapping screw type size shown in Figure 1 and Table 1.

Size code and label should be consistent with GB/T 5276.

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