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

GB/T 2674-2017

Replacing GB/T 2674-2004

Hexalobular socket raised countersunk head screws

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Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

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Foreword

This standard is "one of the national standard hexagonal flower-shaped screw" one of the national standards. This series includes.

- GB/T 2671.1 hexagonal flower-shaped low-head screw;
- GB/T 2671.2 hexagonal flower-shaped cylindrical head screws;
- GB/T 2672 hexagonal fan-shaped pan head screws;
- GB/T 2673 hexagonal flower-shaped countersunk head screws;
- GB/T 2674 hexagonal flower-shaped countersunk head screw.

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces GB/T 2674-2004 "hexagonal flower-shaped countersunk head screw", compared with GB/T 2674-2004, the main technical changes

As follows.

- Delete "For other technical requirements, GB/T 3098.6 and GB/T 3103.1" (see.2004 edition Chapter 1);
- Increase "d hexagonal flower-shaped acceptance inspection see GB/T 6188" (see Table 1);
- On stainless steel screws, increase passivation technology requirements according to GB/T 5267.4 (see Table 2).

This standard uses redrafted law revision using ISO 14584.2011 "hexagonal flower-shaped countersunk head screws."

The technical differences from ISO 14584.2011 and their reasons are as follows.

- Deleted ISO 14584 regulations "For other technical requirements, ISO 4759-1 choose." (See Chapter 1), does not belong to the standard

Quasi-prescribed content;

--- In normative references, replace the international standard with our country standard (see Chapter 2), increase the reference GB/T 2 (see Figure 1),

GB/T 90.2 (see Table 2), GB/T 1237 (see 5.1) and GB/T 5267.4 (see Table 2) to meet the basis of China's fasteners

standard;

--- Increase steel and non-ferrous metal screw performance level "d < 3mm. According to the agreement" (see Table 2), a clear specification of small-size product performance level

Regulations

--- Specified non-ferrous metal screw performance rating (see Table 2), in line with China's basic standards fasteners;

--- On stainless steel screws, increase passivation technology requirements according to GB/T 5267.4 (see Table 2), to expand the use of products;

--- 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 standard is proposed by the China Machinery Industry Federation.

This standard by the National Standardization Technical Committee fasteners (SAC/TC85) centralized.

This standard is drafted by. Machine Productivity Promotion Center.

Participated in the drafting of this standard. Jinan Shida Fasteners Ltd.

This standard by the National Standardization Technical Committee fasteners responsible for the interpretation.

This standard replaces the standards previously issued as.

--- GB/T 2674-1981, GB/T 2674-1986, GB/T 2674-2004.

Hexagonal flower-shaped countersunk head screw

1 Scope

This standard specifies the hexagonal flower-shaped countersunk head screw type size, technical conditions and marking.

This standard applies to thread specifications for the M2 ~ M10, performance class 4.8, A2-70, A3-70, CU2 and CU3, product class A

Grade hexagonal flower-shaped countersunk head screw.

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 2 fasteners threaded parts of the end (GB/T 2-2016, idtISO 4753.2011, MOD)

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

GB/T 90.2 Fasteners signs and packaging

GB/T 193 ordinary thread diameter and pitch series (GB/T 193-2003, ISO 261.1998, MOD)

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

GB/T 3098.1 Fasteners mechanical properties of bolts, screws and studs (GB/T 3098.1-2010, ISO 898-1.2009, MOD)

GB/T 3098.6 mechanical properties of fasteners stainless steel bolts, screws and studs (GB/T 3098.6-2014, ISO 3506-1. 2009, MOD)

GB/T 3098.10 mechanical properties of fasteners non-ferrous metal bolts, screws, studs and nuts (GB/T 3098.10-1993, eqvISO 8839.1986)

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 5267.4 Fastener surface treatment corrosion-resistant stainless steel passivation treatment (GB/T 5267.4-2009, ISO 16048.2003, IDT)

GB/T 5276 Fasteners - Bolts, screws, studs and nuts Dimensions Code and Notations (GB/T 5276-2015, ISO 225. 2010, MOD)

GB/T 5279 countersunk head screw head shape and measurement (GB/T 5279-1985, idtISO 7721.1983)

GB/T 5779.1 Fasteners surface defects bolts, screws and studs General requirements (GB/T 5779.1-2000, idt

ISO 6157-1.1988)

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

GB/T 9145 ordinary thread medium precision, the preferred series of the ultimate size (GB/T 9145-2003, ISO 965-2.1998,

MOD)

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

2005, IDT)