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

GB/T 6564-1986

Replacing GB/T 6564-1986

**Hexalobular socket head cap thread rolling screws
(English Translation)**

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Foreword

GB/T 6564 This section is one of the "rolling screws" series of national standards. The series of standards include.

- GB/T 6560 Cross recessed pan head screw extrusion;
- GB/T 6561 Cross recessed countersunk head screw extrusion;
- GB/T 6562 Cross recessed countersunk head screw extrusion;
- GB/T 6563 Hexagon head screw extrusion;
- GB/T 6564.1 Hexagon flower-shaped cylinder head rolling screws;
- GB/T 6564.2 within the hexagonal-shaped flower pan head screw extrusion;
- GB/T 6564.3 Hexagon flower-shaped countersunk head screw extrusion;
- GB/T 6564.4 within the hexagonal-shaped flower countersunk head rolling screws.

This part of GB/T 16564 Part of.

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

This Part replaces GB/T 6564-1986 "Cylindrical Hexagon flower head tapping locking screws." this part of GB/T 6564-1986 compared to the main changes are as follows.

- Modify the standard name;
- Specify the type size of the screw head and GB/T 2671.2 same (see Chapter 3);
- To increase the size of a predetermined shape and non-threaded shank (see Chapter 3);
- Increase in thread sizes M2, M2.5, M3, M4 and M5 (see Table 1);
- Adjustment screw length and preferred length range (see Table 1);
- Implementing GB/T 3098.7-2000 Cancel "performance rating" provisions (see Table 2);
- Increase the reference GB/T 16938 (see Table 2);

--- Increase in non-electrolytic zinc flake coating surface treatment (see Table 2).

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 drafting unit. Productivity Promotion Center in the machine.

This part of the standard replaces the previous editions are.

--- GB/T 6564-1986.

Hexagon flower-shaped cylinder head rolling screws

1 Scope

GB/T 6564 This section provides the specifications for the thread hexagon socket head flower M2 ~ M12 self-rolling screws.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 90.1 Fasteners acceptance inspection GB/T 90.2 Fasteners marking and packaging
GB/T 1237 marking method fasteners GB/T 2671.2 Hexagon flower-shaped cylindrical head screws GB/T 3098.7 Mechanical properties of fasteners rolling screws GB/T 3103.1 Tolerances for fasteners - Bolts, screws, studs and nuts GB/T 5267.1 fasteners plating layer GB/T 5267.2 fasteners non-electrolytic zinc flake coating GB/T 5276 Fasteners Bolts, screws, studs and nuts - Symbols and designations size GB/T 5779.1 Fasteners - Surface discontinuities - Bolts, screws and studs for general requirements GB/T 6188 bolts and screws with a hex-shaped flowers GB/T 6559 self-tapping screw locking screw coarse thread series GB/T 16938 Fasteners Bolts, screws, studs and nuts conditions

3 Dimensions

Size code and labeling are in line with GB/T 5276.

Screw type dimensions shown in Figure 1 and Table 1.

Screw head type size and GB/T 2671.2 same.

When the entire system is not out of the screw thread, which can be made without threaded shank diameter equal to or smaller than the diameter of the circumscribed circle of the cylindrical or three prism (See GB/T 6559).

figure 1