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

GB/T 13576.4-2008

Replacing GB/T 13576.4-1992

**Buttress threads with the flank angles of 3 and 30 degrees -
Part 4: Tolerances**

锯齿形(3°、30°)螺纹 第4部分：公差

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Foreword

GB/T 13576 "zigzag (3 °, 30 °) thread" is divided into four parts.

- Part 1. tooth type;
- Part 2. pitch diameter series;
- Part 3. basic dimensions;
- Part 4. tolerances. This section GB/T Part of 413,576. This Part replaces GB/T 13576.4-1992 "zigzag (3 °, 30 °) Thread tolerance." This section compared with the GB/T 13576.4-1992, major technical changes as follows:
 - This section diameter within the old standard thread tolerance position A to H (1992 Edition Chapter 3; Chapter 4 of this edition);
 - The older section adds a standard external thread diameter tolerance position e (1992 Edition Chapter 3; Chapter 4 of this edition);
 - This section of the old standard in Appendix B (large diameter centering tolerance value, the reference member) moved into the body of the standard content, delete the old standard Table 3 (3rd edition, 1992 and Appendix B; Chapter 4 of this edition);
 - The partial modification of the recommended tolerance zone of the old standards required (1992 edition, Chapter 7; Chapter 6 of this edition);
 - In the thread marks, this section does not allow specific labeling screwing length value, and the old standards can be labeled specific number of screwing length Value (1992 edition Chapter 6; edition Chapter 8);
 - This section of the old standard in Appendix A (fundamental deviations and tolerance formula, the reference member) moved content standard text (1992 edition Appendix A; Chapter 9 of this edition). This part of the National Standardization Technical Committee thread (SAC/TC108) and focal points. This section is drafted. the machine Productivity Promotion Center. The main drafters of this section. Li Xiaobin. This part of the standard replaces the previous editions are.

--- GB/T 13576.4-1992. Serrated (3 °, 30 °) Thread Part 4. Tolerances

1 Scope

GB/T 13576.4-2008 is the Chinese national standard on buttress threads with the flank angles of 3 and 30 degrees - part 4: tolerances, in the field of mechanical systems and components. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 30 July 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 February 2009. Classification: ICS 21.040.30, CCS J04. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

GB/T 13576 provisions of this part tolerances and serrated thread. Serrated tooth type and the diameter of the thread pitch the series points Do not comply with GB/T 13576.1 and GB/T 13576.2 of. This section applies to general purpose mechanical transmission and fastened serrated threaded connections.

2 Normative references

The following documents contain provisions which, through reference

GB/T 13576 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 1800.3-1998 Limits and fits - Bases - Part 3. standard tolerances and fundamental deviations in the value table (eqv ISO 286-1. 1988)

GB/T 13576.1 zigzag (3 °, 30 °) threads - Part 1. tooth type

GB/T 13576.2 zigzag (3 °, 30 °) Thread Part 2. diameter and pitch series

GB/T 14791 threads term (GB/T 14791-1993, neq ISO 5408. 1983)

3 Terms and Code

3.1 Terms and Definitions Terms and definitions GB/T 14791 stipulated applies to GB/T 13576 in this section.

3.2 Code D

- threaded tooth design type on the basic of the large diameter; D2
- internal thread tooth type design on the basic diameter; D1
- trails basic internal thread tooth type on; P
- Medium screwing length group; L
- long screwing length group; T
- tolerance; TD
- threaded large diameter tolerance TD2
- internal thread diameter tolerance; TD1
- threaded trails tolerance; Td
- large diameter external thread tolerance;