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

GB/T 13576.3-2008

Replacing GB/T 13576.3-1992

**Buttress threads with the flank angles of 3 and 30 degrees -
Part 3: Basic dimensions**

锯齿形(3°、30°)螺纹 第3部分：基本尺寸

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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 313,576. This Part replaces GB/T 13576.3-1992 "zigzag (3 °, 30 °) threaded basic dimensions." This portion of the GB/T 13576.3-1992 compared to the main technical changes are. an increase in the basic dimensions of the table

10 Third Series Diameter (see the 1992 edition of the Table 2; Table 1 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 13576.3-1992. Serrated (3 °, 30 °) Thread Part 3. Basic dimensions

1 Scope

GB/T 13576.3-2008 is the Chinese national standard on buttress threads with the flank angles of 3 and 30 degrees - part 3: basic dimensions, 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 of the basic dimensions of the zigzag thread. Serrated teeth thread diameter and pitch series, respectively Comply with GB/T 13576.1 and GB/T 13576.2 of. This section applies to general purpose mechanical transmission and fastening 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 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 Terms and definitions GB/T 14791 stipulated applies to GB/T 13576 in this section.

3.2 Code Rao c

--- trails gap; Internal threads of the large diameter D

--- design tooth type on; D2

--- internal thread tooth type design on the diameter; Internal thread path D1

--- design tooth type on; H1

--- within the thread basic dental tooth height and tooth type design on high; P

--- outer thread root chamfer radius of the arc.

4 basic dimensions

The diameter of each location in the design of tooth form shown in Figure 1. About the size of a predetermined tooth type design see GB/T 13576.1. The basic dimensions of value serrated thread should meet the requirements in Table 1. among them.