



ICS 21.060.01

J 13

National Standard of the People's Republic of China

中华人民共和国国家标准

GB/T 5267.1 - 2002 /ISO 4042:1999

Replace GB/T 526 7-1985

Fasteners - Electroplated Coatings

紧固件 电镀层

(ISO 4042: 1999, IDT)

Issued on December 05, 2002

Implemented on June 01, 2003

**Issued by General Administration of Quality Supervision, Inspection and
Quarantine**

Foreword

This is one of national standard series "Fastener - Surface Treatment" which comprise:

- a) GB/T 5267.1- 2002 Fastener - Electroplated Coatings;
 - b) GB/T 5267.2 -2002 Fasteners - Non-electrolytically Applied Zinc Flake Coatings
- This section is identical to international standard ISO 4042; 1999 "Fastener - Electroplated Coating" (English edition).

This section replaces GB/T 5267-1985 "Electroplated Coatings on Threaded Fasteners"

There have been some significant changes in this national standard over GB/T 5267-1985 in the following aspects:

— Modifies the standard number (change it from GB/T 5267 of 1985 edition to GB/T 5267.1 of this edition);

— Adjust terms and definitions (chapter 3 of this edition replaces chapter 2 of 1985 edition);

Cancel working conditions of electroplated coating (4.2 of 1985 edition);

— Add provisions on upper deviation of thickness of coating with pitch P from 0.2mm to 0.3mm, And adjust provisions on upper deviation of coating with other pitches (table 4 and table 5 of 1985 edition; table 2 of this edition);

— Cancel provisions related to acceptance inspection of coating thickness in previous standard and adopt provisions in GB/T 90.1 (Chapter 8 of 1985 edition; Chapter 11 of this edition)

— Adjust and supply documents about removing hydrogen embrittlement (chapter 9 and appendix C of 1985 edition; chapter 6 and appendix A of this edition);

— Cancel measuring method for local thickness (appendix B of 1985 edition);

— Add designation system for thickness of electroplated coatings of threaded parts (refer to chapter 13 and appendix E);

— Adjust provisions on "guide procedure for admissible thickness of metallic coating" (appendix E of 1985 edition; appendix C of this edition);

— Add examples of coating designation (refer to appendix F).

In this national standard, appendix D and E are normative appendixes; appendix A, B, C, F and G are informative appendixes.

This section was proposed by China Machinery Industry Federation.

This section is under the jurisdiction of National Technical Committee of Standardization for Fastener (CSBTS/TC TC85).

This section was drafted by China Academy of Machinery Science and Technology.

This section is firstly issued in July, 1985.

**It is the end of preview.
Should you need the full text,
please sign in and place an order**