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NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

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GB/T 9074.32-2017

**Bolt or screw and washer assemblies with conical
spring washers**

螺栓或螺钉和锥形弹性垫圈组合件

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Quarantine;**

**Standardization Administration of the People's Republic of
China.**

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Foreword

This Part is one of “Fastener - Assemblies” series national standards. This series includes:

- GB/T 9074.1, *Bolt or screw and washer assemblies with plain washers;*
- GB/T 9074.2, *Cross recessed pan head screw and serrated lock washer external teeth assemblies;*
- GB/T 9074.3, *Cross recessed pan head screw and single coil spring lock washer assemblies;*
- GB/T 9074.4, *Cross recessed pan head screw, single coil spring lock washer and plain washer assemblies;*
- GB/T 9074.5, *Cross recessed small pan head screw and washer assemblies with plain washers;*
- GB/T 9074.7, *Cross recessed small pan head screw and single coil spring lock washer assemblies;*
- GB/T 9074.8, *Cross recessed small pan head screw, single coil spring lock washer and plain washer assemblies;*
- GB/T 9074.9, *Cross recessed countersunk head screw and countersunk external toothed lock washer assemblies;*
- GB/T 9074.10, *Cross recessed raised countersunk head screw and countersunk external toothed lock washer assemblies;*
- GB/T 9074.11, *Cross recessed hexagon bolt with indentation and plain washer assemblies;*
- GB/T 9074.12, *Cross recessed hexagon bolt with indentation and single coil spring lock washer assemblies;*
- GB/T 9074.13, *Cross recessed hexagon bolt with indentation, single coil lock washer and plan washer assemblies;*
- GB/T 9074.15, *Hexagon head bolt and single coil spring lock washer assemblies;*
- GB/T 9074.16, *Hexagon head bolt and serrated lock washer external teeth assemblies;*
- GB/T 9074.17, *Hexagon head bolt, single coil spring lock washer and plain washer assemblies;*

Bolt or screw and washer assemblies with conical spring washers

1 Scope

This Part of GB/T 9074 specifies type size, technical conditions and marks of bolt or screw and washer assemblies with conical spring washers.

This Part applies to bolt or screw and washer assemblies with conical spring washers of which the bolt or screw (GB/T 3098.1) thread specifications are M2.5 ~ M12, the performance levels are 8.8 and 10.9, the washer hardness is 420 HV ~ 490 HV (hereinafter referred to as the assemblies).

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 90.1, *Fasteners - Acceptance inspection*

GB/T 90.2, *Fasteners - Marking and packaging*

GB/T 94.4, *Specifications for spring washers - Conical spring washers*

GB/T 1237, *Designation system for fasteners*

GB/T 3098.1, *Mechanical Properties of Fasteners - Bolts, Screws and Studs*

GB/T 5267.1, *Fasteners - Electroplated Coatings*

GB/T 5267.2, *Fasteners - Non-electrolytically applied zinc flake coatings*

GB/T 9074.31, *Conical spring washers for assemblies*

3 Size

3.1 For the size of bolts used for the assemblies, in addition that the parts that are used to assemble the washer shall meet the following requirements, the rest parts shall meet the corresponding national standards:

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