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Irish Standard
I.S. EN ISO 10673:2009

Plain washers for screw and washer assemblies - Small, normal and large series - Product grade A (ISO 10673:2009)

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EUROPEAN STANDARD

NORME EUROPÉENNE

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EN ISO 10673

July 2009

ICS 21.060.30

Supersedes EN ISO 10673:1998

English Version

Plain washers for screw and washer assemblies - Small, normal and large series - Product grade A (ISO 10673:2009)

Rondelles plates pour vis à rondelle plate incorporée - Séries étroite, normale et large - Grade A (ISO 10673:2009)

Flache Scheiben für Kombi-Schrauben - Kleine, normale und große Reihe - Produktklasse A (ISO 10673:2009)

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Foreword

This document (EN ISO 10673:2009) has been prepared by Technical Committee ISO/TC 2 "Fasteners" in collaboration with Technical Committee CEN/TC 185 “Fasteners” the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2010, and conflicting national standards shall be withdrawn at the latest by January 2010.

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I.S. EN ISO 10673:2009

INTERNATIONAL STANDARD

ISO 10673

Second edition
2009-07-01

Plain washers for screw and washer assemblies — Small, normal and large series — Product grade A

Rondelles plates pour vis à rondelle plate incorporée — Séries étroite, normale et large — Grade A

Reference number
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Foreword

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ISO 10673 was prepared by Technical Committee ISO/TC 2, *Fasteners*, Subcommittee SC 10, *Product standards for fasteners*.

This second edition cancels and replaces the first edition (ISO 10673:1998), which has been technically revised.

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Plain washers for screw and washer assemblies — Small, normal and large series — Product grade A

1 Scope

The International Standard specifies the characteristics of plain steel washers, small, normal and large series, of product grade A for metric screw and washer assemblies in accordance with ISO 10644.

NOTE 1 The product can be manufactured under the conditions defined in Clause 5.

NOTE 2 The manufacturing of screw and washer assemblies takes into consideration material and production procedure of screw and plain washer as well as the assembly process of components, in order to meet specification requirements.

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.

ISO 3269, *Fasteners — Acceptance inspection*

ISO 4759-3, *Tolerances for fasteners — Part 3: Plain washers for bolts, screws and nuts — Product grades A and C*

ISO 6507-1, *Metallic materials — Vickers hardness test — Part 1: Test method*

ISO 10644:2009, *Screw and washer assemblies made of steel with plain washers — Washer hardness classes 200 HV and 300 HV*

3 Classification

Washers of product grade A for metric screw and washer assemblies are classified into three types:

— type S: small series, preferably for hexagon socket head cap screws and for cheese head screws.

— type N: normal series, preferably for hexagon head screws.

— type L: large series, preferably for hexagon head screws.

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