



SLOVENSKI STANDARD

SIST EN 28738:1996

01-april-1996

Podložke za sornike - Razred izdelave A

Plain washers for clevis pins - Product grade A (ISO 8738:1986)

Scheiben für Bolzen - Produktklasse A (ISO 8738:1986)

Rondelles plates pour axes d'articulation - Grade A (ISO 8738:1986)

Ta slovenski standard je istoveten z: **EN 28738:1992**

[SIST EN 28738:1996](#)

<https://standards.iteh.ai/catalog/standards/sist/b2d58c11-5897-4787-9024-df65170f9af9/sist-en-28738-1996>

ICS:

21.060.30 Podložke, varovalni elementi Washers, locking elements

SIST EN 28738:1996

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 28738:1996

<https://standards.iteh.ai/catalog/standards/sist/b2d58c11-5897-4787-9024-df65170f9af9/sist-en-28738-1996>

EUROPEAN STANDARD

EN 28738:1992

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1992

UDC 621.882.4:621.882.6

Descriptors: Fasteners, hinge pins, washers, plain washers, specifications, dimensions, designation

English version

Plain washers for clevis pins - Product grade A (ISO 8738:1986)Rondelles plates pour axes d'articulation -
Grade A (ISO 8738:1986)Scheiben für Bolzen - Produktklasse A (ISO
8738:1986)**ITC STANDARD PREVIEW**
(standards.iteh.ai)

SIST EN 28738:1996

<https://standards.iteh.ai/catalog/standards/sist/b2d58c11-5897-4787-9024-df651709af9/sist-en-28738-1996>

This European Standard was approved by CEN on 1992-07-17. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENEuropean Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

FOREWORD

In 1992, CEN Technical Committee CEN/TC 185 "Threaded and non threaded mechanical fasteners and accessories" the secretariat of which is held by DIN decided to submit the International Standard

ISO 8738:1986 - "Plain washers for clevis pins - Product grade A"

to the formal vote procedure.

The result was positive.

In the countries bound to implement this European Standard a national standard identical to this European standard shall be published at the latest by 1993-01-31 and conflicting national standards shall be withdrawn at the latest by 1993-01-31.

iTeh STANDARD PREVIEW

According to the CEN/CENELEC Common Rules the following countries are bound to implement this European Standard : Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Spain, Portugal, Sweden, Switzerland and United Kingdom.

Endorsement notice

The text of the International Standard ISO 8738:1986 was approved by CEN as a European Standard without any modification.

International Standard



8738

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Plain washers for clevis pins — Product grade A

Rondelles plates pour axes d'articulation — Grade A

First edition — 1986-11-01

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 28738:1996](#)

<https://standards.iteh.ai/catalog/standards/sist/b2d58c11-5897-4787-9024-df651709af9/sist-en-28738-1996>

UDC 621.882.4

Ref. No. ISO 8738-1986 (E)

Descriptors : fasteners, hinge pins, washers, plain washers, specifications, dimensions, designation.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 8738 was prepared by Technical Committee ISO/TC 2, *Fasteners*.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

INTERNETSTANDARDS.ORG
http://standards.iteh.ai/catalog/standards/sist/en-28738-1996-4787-9024-df651709a9/sist-en-28738-1996

Plain washers for clevis pins — Product grade A

iTeh STANDARD PREVIEW (standards.iteh.ai)

1 Scope and field of application

SIST EN 28738:1996

This International Standard specifies the characteristics of plain washers for clevis pins according to ISO 2340 and ISO 2341.

Plain washers in accordance with this International Standard shall be used on the cotter pin end only.

2 References

ISO 2081, *Metallic coatings — Electroplated coatings of zinc on iron or steel.*

ISO 2340, *Clevis pins without head.*

ISO 2341, *Clevis pins with head.*

ISO 3269, *Fasteners — Acceptance inspection.*

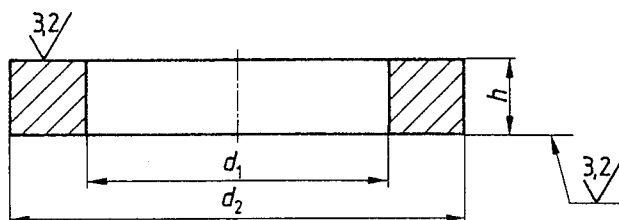
ISO 4520, *Chromate conversion coatings on electroplated zinc and cadmium coatings.*

ISO 4759/3, *Tolerances for fasteners — Part 3 : Washers for metric bolts, screws and nuts with thread diameters from 1 up to and including 150 mm — Product grades A and C.*

ISO 8738-1986 (E)

3 Dimensions

Surface roughness values in micrometres



Dimensions in millimetres

Nominal size d	Hole diameter d_1		Outside diameter d_2		Thickness h		
	nom. (min.)	max.	nom. (max.)	min.	nom.	max.	min.
3	3	3,14	6	5,70	0,8	0,9	0,7
4	4	4,18	8	7,64	0,8	0,9	0,7
5	5	5,18	10	9,64	1	1,1	0,9
6	6	6,18	12	11,57	1,6	1,8	1,4
8	8	8,22	15	14,57	2	2,2	1,8
10	10	10,22	18	17,57	2,5	2,7	2,3
12	12	12,27	20	19,48	3	3,3	2,7
14	14	14,27	22	21,48	3	3,3	2,7
16	16	16,27	24	23,48	3	3,3	2,7
18	18	18,27	28	27,48	4	4,3	3,7
20	20	20,33	30	29,48	4	4,3	3,7
22	22	22,33	34	33,38	4	4,3	3,7
24	24	24,33	37	36,38	4	4,3	3,7
27	27	27,52	39	38	5	5,6	4,4
30	30	30,52	44	43	5	5,6	4,4
33	33	33,62	47	46	5	5,6	4,4
36	36	36,62	50	49	6	6,6	5,4
40	40	40,62	56	54,8	6	6,6	5,4
45	45	45,62	60	58,8	6	6,6	5,4
50	50	50,62	66	64,8	8	9	7
55	55	55,74	72	70,8	8	9	7
60	60	60,74	78	76,8	10	11	9
70	70	70,74	92	90,6	10	11	9
80	80	80,74	98	96,6	12	13,2	10,8
90	90	90,87	110	108,6	12	13,2	10,8
100	100	100,87	120	118,6	12	13,2	10,8