



# SLOVENSKI STANDARD SIST EN ISO 1478:1996

01-april-1996

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## Navoji za pločevinske vijake

Tapping screws thread (ISO 1478:1983)

Blehschrauben-Gewinde (ISO 1478:1983)

Filetage de vis a tôle (ISO 1478:1983)

Ta slovenski standard je istoveten z: **EN ISO 1478:1994**

[SIST EN ISO 1478:1996](https://standards.iteh.ai/catalog/standards/sist/4146f497-d0ed-474c-8467-63cd80ccee8a/sist-en-iso-1478-1996)

<https://standards.iteh.ai/catalog/standards/sist/4146f497-d0ed-474c-8467-63cd80ccee8a/sist-en-iso-1478-1996>

### **ICS:**

21.040.30      Posebni navoji      Special screw threads

**SIST EN ISO 1478:1996**

**en**

**iTeh STANDARD PREVIEW**  
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EUROPEAN STANDARD

EN ISO 1478

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1994

UDC 621.882.8

Descriptors: fasteners, screws, tapped screws, screw threads, dimensions

English version

## Tapping screws thread (ISO 1478:1983)

Filetage de vis à tôle (ISO 1478:1983) Blechschrauben-Gewinde (ISO 1478:1983)

**ITIH STANDARD PREVIEW**  
**(standards.iteh.ai)**SIST EN ISO 1478:1996<https://standards.iteh.ai/catalog/standards/sist/4146f497-d0ed-474c-8467-63cd80ccee8a/sist-en-iso-1478-1996>

This European Standard was approved by CEN on 1994-06-20. 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.

**CEN**European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

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

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EN ISO 1478:1994

## Foreword

This European Standard has been taken over by the Technical Committee CEN/TC 185 "Threaded and non-threaded mechanical fasteners and accessories" from the work of ISO/TC 2 "Fasteners" of the International Organisation for Standardization (ISO)

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 1995, and conflicting national standards shall be withdrawn at the latest by January 1995.

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

## Endorsement notice

**iTeh STANDARD PREVIEW**

The text of the International Standard ISO 1478:1983 was approved by CEN as a European Standard without any modification.

SIST EN ISO 1478:1996

<https://standards.iteh.ai/catalog/standards/sist/4146f497-d0ed-474c-8467-63cd80ccee8a/sist-en-iso-1478-1996>

# International Standard



# 1478

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

## Tapping screws thread

*Filetage de vis à tôle*

First edition — 1983-09-15

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN ISO 1478:1996

<https://standards.iteh.ai/catalog/standards/sist/4146f497-d0ed-474c-8467-63cd80ccee8a/sist-en-iso-1478-1996>

UDC 621.882.8

Ref. No. ISO 1478-1983 (E)

Descriptors : fasteners, screws, tapped screws, screw threads, dimensions.

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized 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.

## iTeh STANDARD PREVIEW

International Standard ISO 1478 was developed by Technical Committee ISO/TC 2, *Fasteners*, and was circulated to the member bodies in December 1981.

It has been approved by the member bodies of the following countries:

Australia	Germany, F.R.	New Zealand
Austria	Hungary	Norway
Brazil	India	Poland
Canada	Ireland	Romania
China	Italy	South Africa, Rep. of
Czechoslovakia	Japan	Spain
Denmark	Korea, Dem. P. Rep. of	Sri Lanka
Egypt, Arab Rep. of	Korea, Rep. of	Sweden
Finland	Mexico	Switzerland
France	Netherlands	USA

The member bodies of the following countries expressed disapproval of the document on technical grounds:

Belgium  
United Kingdom  
USSR

This International Standard cancels and replaces ISO Recommendation R 1478-1970, of which it constitutes a technical revision.

## Tapping screws thread

### iTeh STANDARD PREVIEW (standards.iteh.ai)

#### 1 Scope and field of application

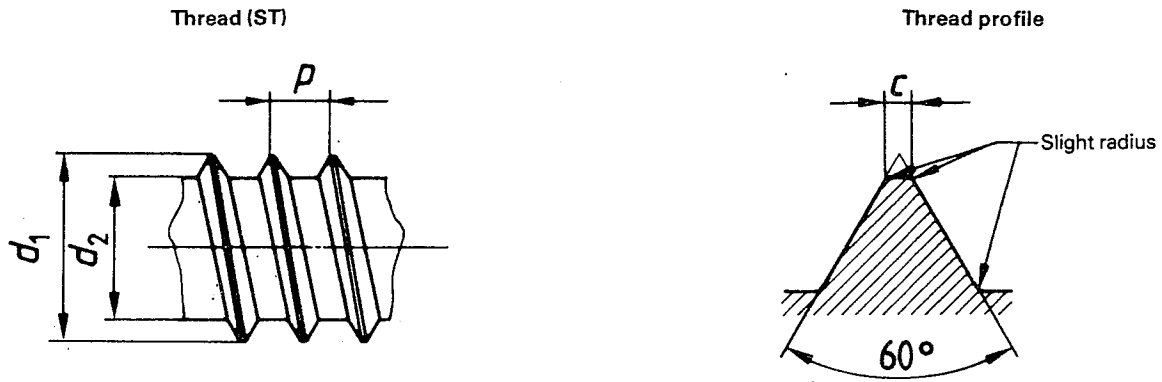
[SIST EN ISO 1478:1996](#)

This International Standard specifies the thread and thread ends for tapping screws (sheet metal screws) with thread sizes from ST 1,5 to ST 9,5 inclusive.

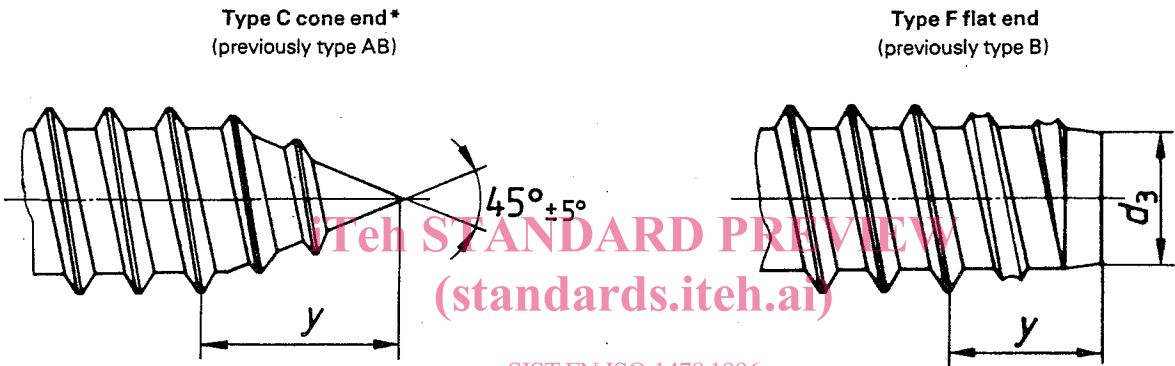
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ISO 1478-1983 (E)

2 Dimensions



Thread ends



<https://standards.iteh.ai/catalog/standards/sist/4146f497-d0ed-474c-8467-63cd80ccee8a/sist-en-iso-1478-1996>

Dimensions in millimetres

Thread size		ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST
		1,5	1,9	2,2	2,6	2,9	3,3	3,5	3,9	4,2	4,8	5,5	6,3	8	9,5
P	≈	0,5	0,6	0,8	0,9	1,1	1,3	1,3	1,3	1,4	1,6	1,8	1,8	2,1	2,1
d <sub>1</sub>	max.	1,52	1,90	2,24	2,57	2,9	3,3	3,53	3,91	4,22	4,8	5,46	6,25	8	9,65
	min.	1,38	1,76	2,1	2,43	2,76	3,12	3,35	3,73	4,04	4,62	5,28	6,03	7,78	9,43
d <sub>2</sub>	max.	0,91	1,24	1,63	1,90	2,18	2,39	2,64	2,92	3,10	3,58	4,17	4,88	6,20	7,85
	min.	0,84	1,17	1,52	1,80	2,08	2,29	2,51	2,77	2,95	3,43	3,99	4,70	5,99	7,59
d <sub>3</sub>	max.	0,79	1,12	1,47	1,73	2,01	2,21	2,41	2,67	2,84	3,30	3,86	4,55	5,84	7,44
	min.	0,69	1,02	1,37	1,60	1,88	2,08	2,26	2,51	2,69	3,12	3,68	4,34	5,64	7,24
c	max.	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,15	0,15	0,15	0,15	0,15
y ref. 1)	Type C	1,4	1,6	2	2,3	2,6	3	3,2	3,5	3,7	4,3	5	6	7,5	8
	Type F	1,1	1,2	1,6	1,8	2,1	2,5	2,5	2,7	2,8	3,2	3,6	3,6	4,2	4,2
Number <sup>2)</sup>		0	1	2	3	4	5	6	7	8	10	12	14	16	20

1) Length of incomplete thread.

2) For information only.

3 Designation

Example for the designation of a tapping screw thread with thread size ST 3,5:

Tapping screw thread ISO 1478 - ST 3,5

\* No extrusion of excess metal beyond the apex of the type C cone end resulting from thread rolling shall be permissible. A slight rounding or truncation of the point is desirable.