



**SLOVENSKI STANDARD**  
**oSIST prEN ISO 6076:2022**  
**01-april-2022**

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**Lepila - Polaganje talnih oblog, lesenih talnih oblog, izravnalnih mas in ploščic -  
Specifikacija velikosti zobatih plazen (ISO/DIS 6076:2022)**

Adhesives - Installation of floor coverings, wood flooring, levelling compounds and tiles -  
Specification of trowel notch sizes (ISO/DIS 6076:2022)

Klebstoffe - Einbau von Bodenbelägen, Holzböden, Spachtelmassen und Fliesen -  
Festlegung von Zahnspachtelgrößen (ISO/DIS 6076:2022)

Adhésifs - Pose de revêtements de sol, planchers en bois, ragréages et carrelages -  
Spécifications des tailles des crans des peignes et spatules (ISO/DIS 6076:2022)

Ta slovenski standard je istoveten z: **oSIST prEN ISO 6076:2022**  
**prEN ISO 6076**  
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**ICS:**

83.180

Lepila

Adhesives

**oSIST prEN ISO 6076:2022**

**en,fr,de**

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# DRAFT INTERNATIONAL STANDARD

## ISO/DIS 6076

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## Adhesives — Installation of floor coverings, wood flooring, levelling compounds and tiles — Specification of trowel notch sizes

ICS: 83.180

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## ISO/DIS 6076:2022(E)

## 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 11 *Products*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

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## Introduction

For installation of floor coverings, wood flooring and ceramic tiles, adhesives, thin bed mortars and similar products are spread (combed) onto the substrate commonly using grooved (notched) spatulas or trowels. The notches of the respective trowels permit flow of the substance to be applied which will then settle on the substrate in the form of strips (ridges). Consequently, the quantity of applied material per unit area essentially depends on the geometry of the notches.

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# Adhesives — Installation of floor coverings, wood flooring, levelling compounds and tiles — Specification of trowel notch sizes

## 1 Scope

This International Standard specifies the individual measurements of notches and assigns specific codes which may then be used to label notched tools complying with the measurements and tolerances specified in this standard.

## 2 Normative references

There are no normative references in this document.

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

### 3.1

#### notched spatula

rectangular or trapezoidal sheet steel, with evenly spaced grooves on at least one long side, commonly designated as "notches"

Note 1 to entry: Normally, spatulas have a hand grip opposite the grooved (notched) side;

### 3.2

#### notched trowel

rectangular or trapezoidal sheet steel, with evenly spaced grooves on at least one long side, commonly designated as "notches"

Note 1 to entry: The hand grip is attached parallel to the sheet surface.

### 3.3

#### notched strips grooved strips

rectangular, narrow sheet steel strips with evenly spaced grooves (notches) on one or both long sides

### 3.4

#### master spatula

spatula with a clamping fixture on the long side to insert or easily change notched strips whenever needed

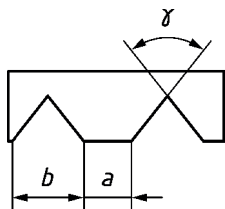
### 3.5

#### master trowel

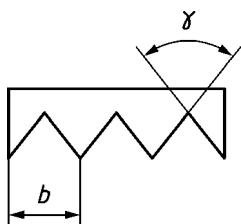
trowel with a clamping fixture on the long side to insert or easily change notched strips whenever needed

## 4 Shapes

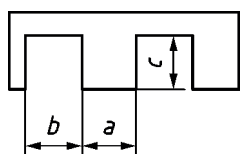
Depending on the application and the desired ridge profile, notches may have a triangular, rectangular, U-shaped or semicircular shape.



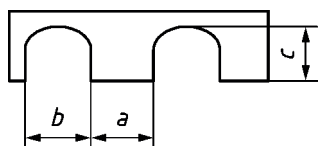
Triangular Notch



Triangular notch, special S-shape,  
pointed notch



Rectangular notch, special R-shape



Round notch, special U-shape

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### Key

- a bridge width or groove clearance
- b notch width or groove width
- c notch depth or groove depth
- γ notch angle

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**Figure 1 — Different notch geometries**

For manufacturing reasons, the inner points of the triangular notches and the inner right angles of the rectangular notches are rounded off. The radius of curvature is 0,2 mm to 0,3 mm, on average 0,25 mm.

A special type of the triangular notch is the "pointed notch" with a bridge width "a" of 0 mm to 0,2 mm. Other special types of notches with rounded off tops include U-notches, where the end of the notch is a semicircle with a diameter of "b".