



# SLOVENSKI STANDARD

## SIST EN 111:2003

01-oktober-2003

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Glavni aji Uboj nufc\_Y! Df\_`1 bYa YfY

Wall-hung hand rinse basins - Connecting dimensions

Wandhängende Handwaschbecken - Anschlussmaße

Lave-mains suspendus - Cotes de raccordement

Ta slovenski standard je istoveten z: EN 111:2003

<https://standards.iteh.ai/catalog/standards/sist/5e979889-39a5-4e56-a781-53877b592fef/sist-en-111-2003>

**ICS:**

91.140.70      Sanitarne naprave      Sanitary installations

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN 111

March 2003

ICS 91.140.70

Supersedes EN 111:1998

English version

Wall-hung hand rinse basins - Connecting dimensions

Lave-mains suspendus - Cotes de raccordement

Wandhängende Handwaschbecken - Anschlussmaße

This European Standard was approved by CEN on 27 December 2002.

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 Management Centre or to any CEN member.

This European Standard exists 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 Management Centre has the same status as the official versions.

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

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## Foreword

This document (EN 111:2003) has been prepared by Technical Committee CEN /TC 163, "Sanitary appliances", the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by September 2003, and conflicting national standards shall be withdrawn at the latest by September 2003.

This document supersedes EN 111:1998.

This revised version considers new market trends and compared to the version of November 1998 includes the following amendments: Dimension  $g_s$  is added.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

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## 1 Scope

This European Standard specifies the connecting dimensions of wall-hung hand rinse basins, regardless of materials used for their manufacture.

This standard is not applicable to appliances of actual width of more than 530 mm.

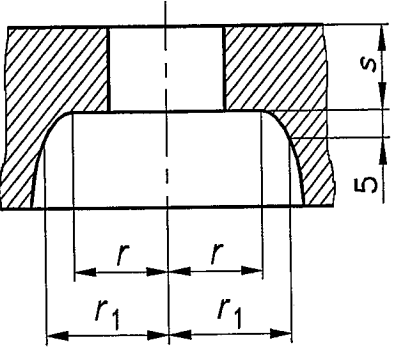
NOTE Only dimensions are compulsory. The shape of the appliance in the figures is for illustration only; it in no way prejudices the final shape of the appliance which is left to the initiative of the manufacturer.

## 2 Connecting dimensions

### 2.1 Wall-hung hand rinse basin with one or two hole(s) for side tap(s)

The connecting dimensions of wall-hung hand rinse basins with one or two hole(s) for side tap(s) shall comply with the dimensions given in Table 1.

**Table 1 — Connecting dimensions of wall-hung hand rinse basins with one or two hole(s) for side tap(s)**  
(see Figure 1)

Designation	Symbol	Dimensions mm
Diameter of the tap hole(s)	$d_2^a$	$35^{+2}_{-1}$
Shortest horizontal distance between the centre line of the tap hole(s) and the edge of the bowl	$g_2$	$\leq 65$
Distance between the centre line of the tap hole(s) to the backwall	$g_5$	$\geq 55$
Radius of a plane circular surface on tap platform having the same centre as the tap hole and intended to accommodate the tap	$g_6$	$\geq 32$
	Radius of a cylinder having the same centre line as the tap hole(s) of a depth of 0 mm to 5 mm from the lower plane of the tap hole(s)	$\geq 25$
	Radius of a cylinder having the same centre line as the tap hole(s) of a depth of min. 5 mm from the lower plane of the tap hole(s)	$\geq 30$
	Thickness of the tap platform at the level of the zone concentric to the tap hole(s)	$\leq 18$
Horizontal distance between the centre line of the tap hole and the centre line of the waste outlet hole	$t$	$\leq 170$
<sup>a</sup> The diameter of $30^{+2}_0$ is permissible in connection with $r \geq 22$ and $r_1 \geq 25$		

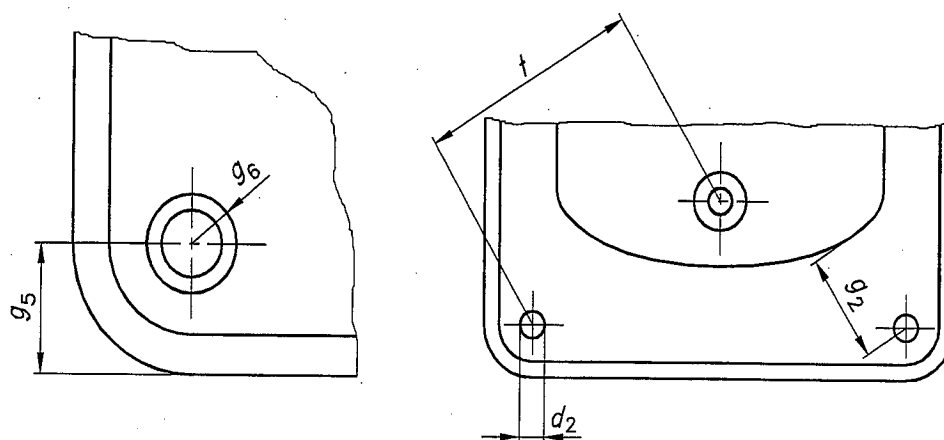
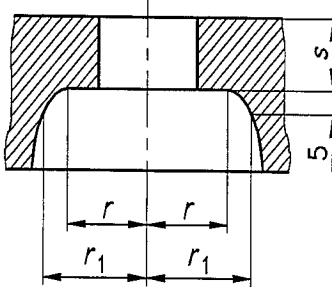


Figure 1 — Wall-hung hand rinse basin with one or two hole(s) for side tap(s)

## 2.2 Wall-hung hand rinse basin with one hole for central tap

The connecting dimensions of wall-hung hand rinse basins with one hole for central tap shall comply with the dimensions given in Table 2.

Table 2 — Connecting dimensions of wall-hung hand rinse basins with one hole for central tap (see Figure 2)

Designation	Symbol	Dimensions mm
Diameter of the tap hole	$d_2$	$35^{+2}_{-1}$
Horizontal distance between the centre line of the tap hole and the edge of the bowl	$g_1$	$\leq 80$
Distance between the centre line of the tap hole to the backwall	$g_5$	$\geq 55$
Radius of a plane circular surface on tap platform having the same centre as the tap hole and intended to accommodate the tap	$g_6$	$\geq 32$
	Radius of a cylinder having the same centre line as the tap hole of a depth of 0 mm to 5 mm from the lower plane of the tap hole	$\geq 25$
	Radius of a cylinder having the same centre line as the tap hole of a depth of min. 5 mm from the lower plane of the tap hole	$\geq 30$
	Thickness of the tap platform at the level of the zone concentric to the tap hole	$\leq 18$
Horizontal distance between the centre line of the tap hole and the centre line of the waste outlet hole	$t$	$\leq 170$

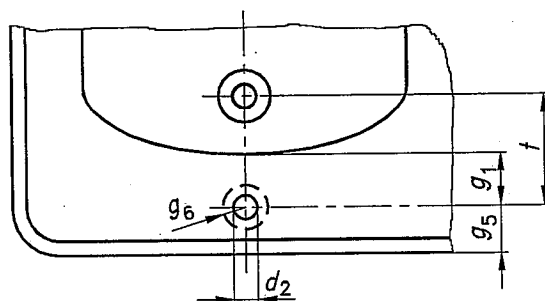


Figure 2 — Wall-hung hand rinse basin with one hole for central tap

### 3 Waste outlet hole

#### 3.1 Waste outlet hole with overflow

The connecting dimension of a waste outlet hole with overflow shall comply with the dimensions given in Table 3.

Table 3 — Connecting dimensions of a waste outlet hole with overflow (see Figure 3)

Designation	Symbol	Dimensions mm
Bore of the waste outlet hole	$d_3$	$46^{+2}_{-3}$
Reference diameter	$d_4$	63
Diameter of the waste outlet hole	$d_5$	$\leq 75$
Diameter of the base for the seal between the waste outlet hole and the tap	$d_6$	$\geq 60$
Height for appliance with an overflow	$h$	$45^{+5}_0$
Distance between the reference diameter $d_4$ and the base for the seal	$h_1$	$45^0_{-5}$
Vertical distance between the tap platform and the underside of the waste outlet hole	$p$	$\leq 250$