

Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems —

Part 2: System S — Dimensions

The European Standard EN 1124-2:1999 has the status of a
British Standard

ICS 77.140.75; 91.140.80

National foreword

This British Standard is the English language version of EN 1124-2:1999
The UK participation in its preparation was entrusted to Technical Committee ISE/8, Steel pipes, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

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Summary of pages

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English version

Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems — Part 2: System S — Dimensions

Tubes et raccords de tube soudés longitudinalement
en acier inoxydable, à manchon enfichable pour
réseaux d'assainissement —
Partie 2: Système S — Dimensions

Rohre und Formstücke aus längsnahtgeschweißtem,
nichtrostendem Stahlrohr mit Steckmuffe für
Abwasserleitungen —
Teil 2: System S — Maße

This European Standard was approved by CEN on 16 December 1998.

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.

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 Central Secretariat has the same status as the official versions.

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CEN

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

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 165, Waste water engineering, 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 July 1999, and conflicting national standards shall be withdrawn at the latest by July 1999.

Part 1 of the European Standard for longitudinally welded stainless steel pipes contains requirements, testing and quality control of components covered by all parts of EN 1124. EN 1124-3 contains dimensions for system X.

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, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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1 Scope

This standard applies to pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems.

It specifies dimensions and tolerances for pipes, fittings and pipe connectors, and establishes a system of designations for the different pipe and fitting types that conform to the stated requirements.

This standard is only valid in connection with EN 1124-1.

This standard does not apply to the marking of products. EN 1124-1 applies to the marking.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies.

EN 476, *General requirements for components used in discharge pipes, drains and sewers for gravity systems.*

EN 1124-1, *Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems — Part 1: Requirements, testing, quality control.*

3 Definitions

For the purposes of this standard, the definitions of EN 1124-1 apply.

4 Symbols

DN/OD Nominal size with regard to the outside diameter, according to EN 476

D Diameter

t Socket construction depths

s Wall thickness

L Effective length

l Construction length

r Radius

a Angle

e Offset dimension (shift)

*t*₅ Least insertion depth

5 Dimensions

5.1 General and tolerances

The figures in this standard are simplified drawings. The dimensions given shall be followed.

Where no dimensions are given in this standard, tolerances for linear dimensions shall be followed according to Table 1, tolerances for radii shall be followed according to Table 2, and tolerances for angular dimensions referring to the smaller side length shall be followed according to Table 3.

Table 1

Dimensions in millimetres

Dimensional range	Tolerances for linear dimensions
From 0 up to 300	± 5
More than 300	± 8

Table 2

Dimensions in millimetres

Dimensional range	Tolerances for radii
More than 26 up to 181	± 3
More than 181 up to 378	± 4
More than 378 up to 457	± 5

Table 3

Side length (referring to the smaller side length) mm	Tolerances for angles degrees
More than 10 up to 120	± 3
More than 120 up to 400	± 2
More than 400	± 1,5

5.2 Sockets

The socket dimensions according to Figure 1 shall conform to Table 4. Details not specified shall be chosen appropriately.

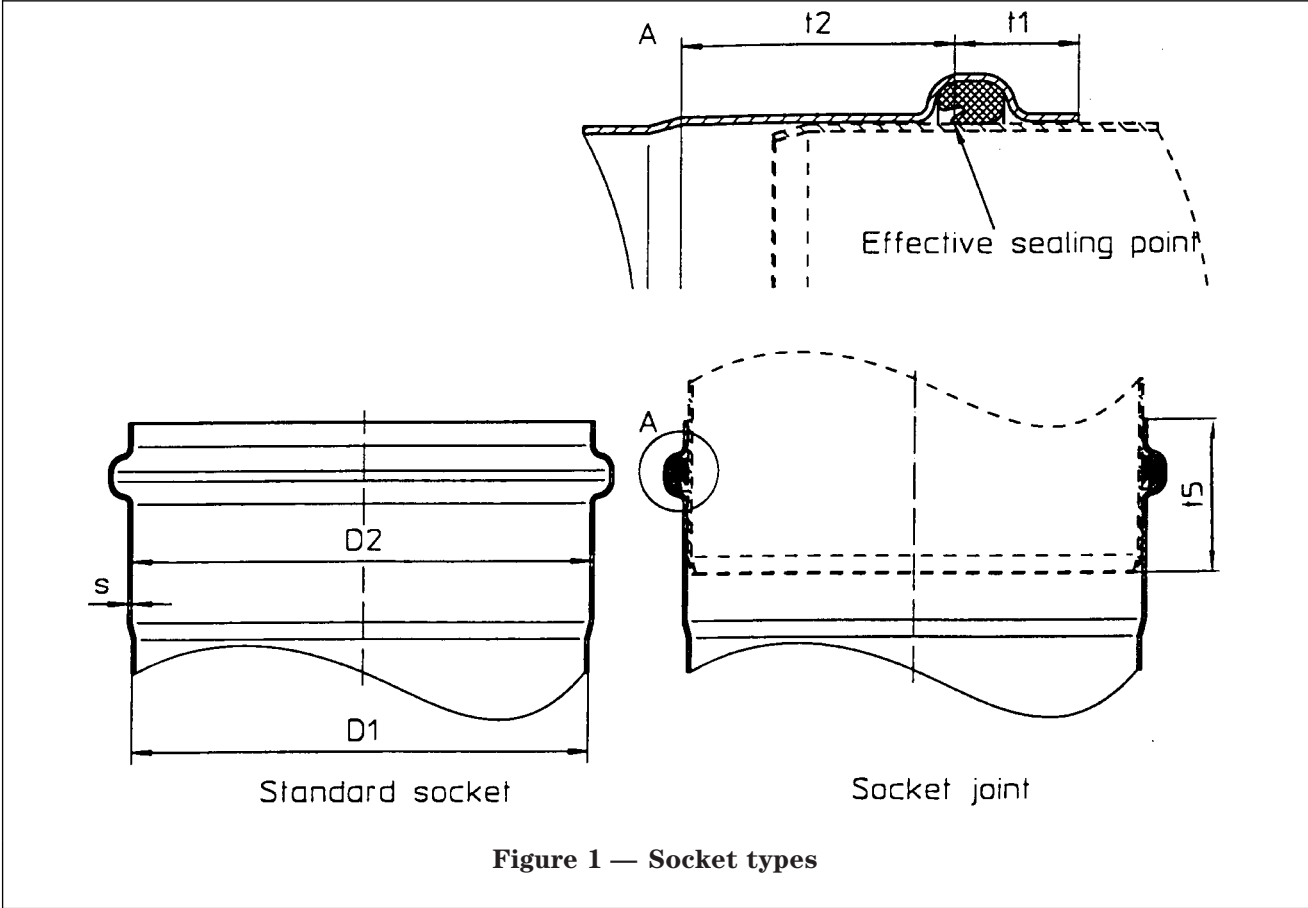


Table 4

Dimensions in millimetres

Nominal size DN/OD	Dimensions and tolerances					
	D_1	D_2	s	t_1 maximum	t_2 minimum	$t_5^{1)}$
50	$50^{+0,2}_0$	$50,5^{+0,6}_0$	$1,00 \pm 0,2$	18	20	30
75	$75^{+0,3}_0$	$75,6^{+0,6}_0$	$1,00 \pm 0,2$	20	25	35
110	$110^{+0,3}_0$	$110,6^{+0,7}_0$	$1,00 \pm 0,2$	26	32	40
160	$160^{+0,4}_0$	$160,7^{+0,8}_0$	$1,25 \pm 0,2$	32	42	50

¹⁾ Installation instructions only (necessary least insertion depth for tightness of pipe connection).