



BSI Standards Publication

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

Part 2: System S, forms and dimensions

National foreword

This British Standard is the UK implementation of EN 1124-2:2014. It supersedes BS EN 1124-2:2007 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ISE/110, Steel Tubes, and Iron and Steel Fittings.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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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, forms and dimensions

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

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

This European Standard was approved by CEN on 17 April 2014.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN 1124-2:2014) 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of an identical text or by endorsement, at the latest by December 2014, and conflicting national standards shall be withdrawn at the latest by December 2014.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1124-2:2007.

In relation to the previous version of the standard, the following main modifications have been made:

- a) due to the newest marked developments and new installation methods, several components of system S have been adjusted to these conditions (introduction of new products);
- b) dimensional requirements have been extended and specified for compatibility with gravity drainage systems for buildings.

EN 1124, *Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems*, consists of the following parts:

- *Part 1: Requirements, testing, quality control;*
- *Part 2: System S, forms and dimensions;*
- *Part 3: System X – Dimensions;*
- *Part 4: Components for vacuum drainage systems and drainage systems on ships.*

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

Pipes and fittings of longitudinally welded, stainless steel pipes with spigot and socket for waste water systems as specified in this part of EN 1124 and EN 1124-3 are used in gravity drainage systems in buildings. For vacuum drainage systems and drainage systems on ships, it was necessary to specify additional requirements and further dimensional specifications for components and joints used in these systems. Components specified in EN 1124-4 are used for vacuum drainage systems and for drainage systems in shipbuilding.

1 Scope

This European Standard applies to pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems and 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 part of EN 1124 is only valid in connection with EN 1124-1.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1124-1:1999, *Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems - Part 1: Requirements, testing, quality control*

EN ISO 228-1, *Pipe threads where pressure-tight joints are not made on the threads - Part 1: Dimensions, tolerances and designation (ISO 228-1)*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 1124-1:1999 apply.

4 Symbols

DN/OD	Nominal size with regard to the outside diameter
d	Diameter
t	Socket construction depths
s	Wall thickness
L	Effective length
l	Construction lengths
r	Radius
α	Angle
e	Off-set dimension (shift)
t_5	Least insertion depth
o	Ovality

5 Dimensions

5.1 General and tolerances

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

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