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Industrial valves - Socket welding ends for steel valves

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NATIONAL FOREWORD

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See Eesti standard EVS-EN 12760:2016 sisaldab Euroopa standardi EN 12760:2016 ingliskeelset teksti.	This Estonian standard EVS-EN 12760:2016 consists of the English text of the European standard EN 12760:2016.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 20.04.2016.	Date of Availability of the European standard is 20.04.2016.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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ICS 23.040.60

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 12760

April 2016

ICS 23.040.60

Supersedes EN 12760:1999

English Version

Industrial valves - Socket welding ends for steel valves

Robinetterie industrielle - Extrémités à emboîter et à souder pour appareils de robinetterie en acier

Industriearmaturen - Schweißmuffenenden für Armaturen aus Stahl

This European Standard was approved by CEN on 3 March 2016.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 12760:2016) has been prepared by Technical Committee CEN/TC 69 “Industrial valves”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by October 2016, and conflicting national standards shall be withdrawn at the latest by October 2016.

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 12760:1999.

The main change is the update of the standard to be in compliance with the present rules for the structure and drafting of CEN-CENELEC publications.

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.

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1 Scope

This European Standard specifies the dimensions of socket welding ends of steel valves designed to be socket welded to standardised pipes in the size range DN 6 to DN 65.

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 736-1, *Valves — Terminology — Part 1: Definition of types of valves*

EN 736-2, *Valves — Terminology — Part 2: Definition of components of valves*

EN 736-3, *Valves — Terminology — Part 3: Definition of terms*

ISO 4200, *Plain end steel tubes, welded and seamless — General tables of dimensions and masses per unit length*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 736-1, EN 736-2 and EN 736-3 apply.

4 Requirements

4.1 Socket welding ends of steel valve bodies shall have the form shown in Figure 1 and dimensions as stated in Table 1.

4.2 The width of the flat welding surface, *C*, shall not be less than 0,81 x Pipe wall thickness as specified in ISO 4200 or 3 mm, whichever is the greater.

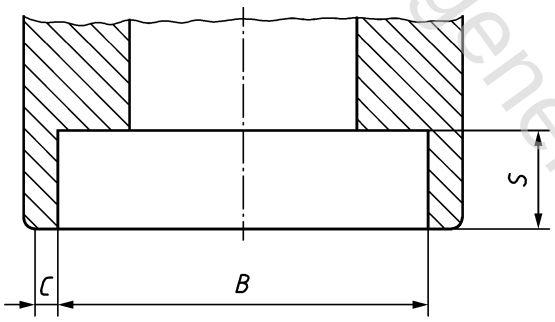

Figure 1 — Socket welding end detail

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