

Steel tubes, fittings and structural hollow sections - Symbols and definitions of terms for use in product standards

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standards

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 10266:2003 sisaldab Euroopa standardi EN 10266:2003 ingliskeelset teksti. Käesolev dokument on jõustatud 17.09.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 10266:2003 consists of the English text of the European standard EN 10266:2003. This document is endorsed on 17.09.2003 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Käsitlusala: This European Standard gives the symbols and definitions of terms for use in product standards for steel tubes, fittings and steel structural hollow sections	Scope: This European Standard gives the symbols and definitions of terms for use in product standards for steel tubes, fittings and steel structural hollow sections
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Võtmesõnad: accessories, definition, definitions, fittings, hollow sections, metal sections, metal tubes, pipes, profile, steel tubes, structural steel work, symbols, terminology, tubes

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ICS 01.040.77; 01.075; 77.140.75

English version

Steel tubes, fittings and structural hollow sections - Symbols and definitions of terms for use in product standards

Tubes en acier, accessoires et profils creux en acier pour la construction - Symboles et définitions des termes à utiliser dans les normes de produits

Stahlrohre, Fittings und Hohlprofile für den Stahlbau - Symbole und Definition von Begriffen für die Verwendung in Erzeugnisnormen

This European Standard was approved by CEN on 27 June 2003.

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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.

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Contents

Foreword	3
1 Scope	4
2 Definitions of terms to be used in product standards.....	4
3 Symbols for use in product standards.....	6
3.1 General symbols.....	6
3.2 Additional symbols for structural hollow sections.....	7
3.3 Additional symbols for testing.....	8
3.4 Additional symbols for tubular fittings	9
Bibliography.....	17

Foreword

This document (EN 10266:2003) has been prepared by Technical Committee ECISS/TC 29, "steel tubes and fittings for steel tubes", 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 February 2004, and conflicting national standards shall be withdrawn at the latest by February 2004.

This European Standard is derived from ISO 3545 "Steel tubes and fittings - Symbols for use in specifications".

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.

1 Scope

This European Standard gives the symbols and definitions of terms for use in product standards for steel tubes, fittings and steel structural hollow sections.

NOTE For definitions of terms non specific to tubular products, see other relevant standards e.g. EN ISO 9000 [1].

2 Definitions of terms to be used in product standards

2.1

tube

hollow long product open at both ends, of any cross sectional shape

2.2

structural hollow section

tube intended to be used for construction purposes

2.3

fitting

component for attaching to a tube for joining tubes together or for changing the direction or bore of a tube

2.4

seamless tube (S)

tube made by piercing a solid product to obtain a tube hollow, which is further processed, either hot or cold, into its final dimensions

2.5

welded tube (W)

tube made by forming a hollow profile from a flat product and welding adjacent edges together. After welding the tube may be further processed, either hot or cold, into its final dimensions

2.6

butt welded tube (BW)

(also known as *continuous weld tube* or *Fretz Moon tube*) tube made by a continuous process in which decoiled strip, welded end to end, is passed through a furnace, formed into a hollow profile and the seam weld made by further raising of the temperature of the adjacent edges (e.g. using a jet of oxygen), and pressing the edges together

2.7

electric welded tube (EW)

tube made by pressure welding, in a continuous or non continuous process, in which strip is formed cold into a hollow profile and the seam weld made by heating the adjacent edges through the resistance to the passage of high or low frequency current, and pressing the edges together. The electric current may be applied either by direct electrode contact or by induction.

2.8

high frequency welded tube (HFW)

tube made by pressure welding, in a continuous or non continuous process, in which strip is formed cold into a hollow profile and the seam weld made by heating the adjacent edges through the resistance to the passage of a high frequency current, and pressing the edges together. The electric current may be applied either by direct electrode contact or by induction.