

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 8: Ambrasuuritorud, mõõtmeterantsid ja kuju lubatud piirhälbed

Aluminium and aluminium alloys - Extruded rod/bar, tube and profiles - Part 8: Porthole tubes, tolerances on dimensions and form

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 755-8:2008 sisaldab Euroopa standardi EN 755-8:2008 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 19.05.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 19.05.2008.

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English Version

Aluminium and aluminium alloys - Extruded rod/bar, tube and profiles - Part 8: Porthole tubes, tolerances on dimensions and form

Aluminium et alliages d'aluminium - Barres, tubes et profilés filés - Partie 8: Tubes filés à pont, tolérances sur dimensions et forme

Aluminium und Aluminiumlegierungen - Stranggepresste Stangen, Rohre und Profile - Teil 8: Mit Kammerwerkzeug stranggepresste Rohre, Grenzabmaße und Formtoleranzen

This European Standard was approved by CEN on 10 February 2008.

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Foreword

This document (EN 755-8:2008) has been prepared by Technical Committee CEN/TC 132 "Aluminium and aluminium alloys", 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of an identical text or by endorsement, at the latest by September 2008, and conflicting national standards shall be withdrawn at the latest by September 2008.

This document supersedes EN 755-8:1998.

Within its programme of work, Technical committee CEN/TC 132 entrusted CEN/TC 132/WG 5 "*Extruded and drawn products*" to revise EN 755-8:1998.

The following technical modifications have been introduced during the revision:

- Clause 1: Scope is clarified with respect to what is not included
Alloys EN AW-5049, EN AW-6008, EN AW-6110A, EN AW-6014, EN AW-6360, EN AW-6262A, EN AW-6065, EN AW-6182, EN AW-7108, EN AW-7108A are added
- Subclause 2.4 and Table 3: Requirements to wall thickness variation (eccentricity) is introduced
- Annex A: Informative Annex A is added explaining wall thickness variation (eccentricity)

EN 755 comprises the following parts under the general title "*Aluminium and aluminium alloys — Extruded rod/bar, tube and profiles*":

- *Part 1: Technical conditions for inspection and delivery*
- *Part 2: Mechanical properties*
- *Part 3: Round bars, tolerances on dimensions and form*
- *Part 4: Square bars, tolerances on dimensions and form*
- *Part 5: Rectangular bars, tolerances on dimensions and form*
- *Part 6: Hexagonal bars, tolerances on dimensions and form*
- *Part 7: Seamless tubes, tolerances on dimensions and form*
- *Part 8: Porthole tubes, tolerances on dimensions and form*
- *Part 9: Profiles, tolerances on dimensions and form*

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1 Scope

This document specifies the tolerances on dimensions and form for aluminium and aluminium alloy extruded porthole tubes with an outside diameter (OD) from 8 mm to 450 mm (round tube, see Figure 1) or with a cross section contained within a circumscribing circle (CD) from 10 mm to 350 mm (other than round tube, see Figure 2), supplied in straight lengths.

This standard only applies to extruded porthole tube for general engineering applications made in the following alloys:

- EN AW-1050A, EN AW-1200, EN AW-1350;
- EN AW-3003, EN AW-3103;
- EN AW-5005, EN AW-5005A, EN AW-5049, EN AW-5051A, EN AW-5251, EN AW-5052;
- EN AW-6101A, EN AW-6101B, EN AW-6005, EN AW-6005A, EN AW-6008, EN AW-6110A, EN AW-6012, EN AW-6014, EN AW-6018, EN AW-6351, EN AW-6060, EN AW-6360, EN AW-6061, EN AW-6261, EN AW-6262, EN AW-6262A, EN AW-6063, EN AW-6063A, EN AW-6463, EN AW-6065, EN AW-6081, EN AW-6082; EN AW-6182,
- EN AW-7003, EN AW-7005, EN AW-7108, EN AW-7108A, EN AW-7020.

The temper designations used in this part are according to EN 515.

This standard only applies to tube produced by the tube porthole/bridge method.

This standard does not apply to:

- extruded tubes produced by the seamless, die/mandrel method (EN 755-7),
- tubes delivered in coils (prEN 13957),
- coiled tubes cut to length (prEN 13957).

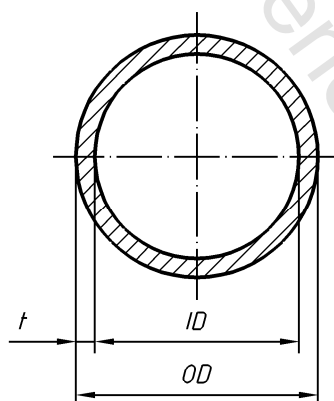


Figure 1 — Round tube