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Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 7: Õmbluseta torud, mõõtmetolerantsid ja kuju lubatud piirhälbed

Aluminium and aluminium alloys - Cold drawn rod/bar and tube - Part 7: Seamless tubes, tolerances on dimensions and form

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Standard on kinnitatud Eesti Standardikeskuse 19.05.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.	This standard is ratified with the order of Estonian Centre for Standardisation dated 19.05.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.
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Võtmesõnad: alumiinium, alumiiniumisulamid, alumiiniumtorud, kuju lubatud piirhälbed, mõõtmetolerantsid, tõmmatud tooted

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 754-7

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English Version

Aluminium and aluminium alloys - Cold drawn rod/bar and tube - Part 7: Seamless tubes, tolerances on dimensions and form

Aluminium et alliages d'aluminium - Barres et tubes étirés - Partie 7: Tubes filés sur aiguille, tolérances sur dimensions et forme

Aluminium und Aluminiumlegierungen - Gezogene Stangen und Rohre - Teil 7: Nahtlose Rohre, Grenzabmaße und Formtoleranzen

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Contents

Page

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Foreword

This document (EN 754-7:2008) 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of an identical text or by endorsement, at the latest by September 2008, and conflicting national standards shall be withdrawn at the latest by September 2008.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 754-7:1998.

Within its programme of work, Technical committee CEN/TC 132 entrusted CEN/TC 132/WG 5 "*Extruded and drawn products*" to revise EN 754-7:1998.

The following technical modifications have been introduced during the revision:

— Clause 1: Scope is clarified with respect to what is not included

— 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 754 comprises the following parts under the general title *"Aluminium and aluminium alloys — Cold drawn rod/bar and tube*":

— *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*

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1 Scope

This document specifies the tolerances on dimensions and form for aluminium and aluminium alloys cold drawn seamless tubes with an outside diameter (OD) from 3 mm to 350 mm (round tube, see Figure 1) or with a cross section contained within a circumscribing circle (CD) from 8 mm to 300 mm (other than round tube, see Figure 2) supplied in straight lengths.

This standard only applies to tube produced by the seamless die/mandrel method of extrusion (and then cold drawn to the final dimensions required).

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

This document applies to cold drawn, seamless tube for general engineering applications.

This document does not apply to:

— cold drawn tube produced by the porthole/bridge method (EN 754-8),

— tubes delivered in coils (EN 13958),

— coiled tubes cut to length (EN 13958).

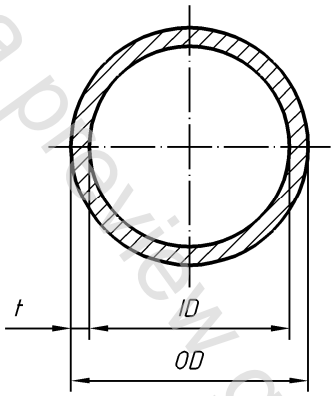

Figure 1 — Round tube

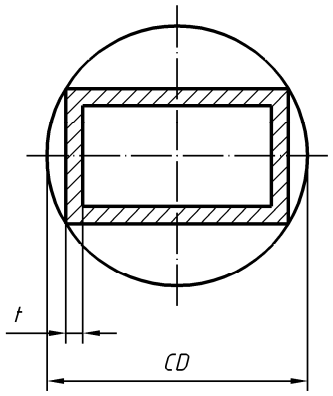

Figure 2 — Circumscribing circle for other than round tube

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