

**Alumiinium ja alumiiniumisulamid.
Pressitud vardad või latid, torud ja profiilid.
Osa 4: Ruudukujulise ristlõikega latid,
mõõtmeterantsid ja kuju lubatud
piirhälbed**

Aluminium and aluminium alloys - Extruded rod/bar,
tube and profiles - Part 4: Square bars, tolerances
on dimensions and form

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 755-4:2000 sisaldab Euroopa standardi EN 755-4:1995 ingliskeelset teksti. Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 755-4:2000 consists of the English text of the European standard EN 755-4:1995. This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
--	---

Käsitlusala: See Euroopa standardi EN 755 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest pressitud ruudukujulise ristlõikega lattide kohta, mille ristlõike laius on 10 mm kuni 220 mm.	Scope:
--	----------------------

ICS 77.150.10

Võtmesõnad: alumiinium, alumiiniumisulamid, kuju lubatud piirhälbed, metall-latid, mõõtmed, mõõtmeterantsid, pressitud tooted, ruudukujulise ristlõikega latid, valtsstood

ICS 77.120.10; 77.140.90

Descriptors: Aluminium, rod, bars, tube, sections, tolerances.

English version

Aluminium and aluminium alloys

Extruded rod/bar, tube and profiles

Part 4: Square bars: tolerances on dimensions and form

Aluminium et alliages d'aluminium; barres, tubes et profilés filés. Partie 4: Barres carées: tolérances sur dimensions et forme

Aluminium und Aluminiumlegierungen; stranggepreßte Stangen, Rohre und Profile. Teil 4: Vierkantstangen: Grenzabmaße und Formtoleranzen

This European Standard was approved by CEN on 1995-05-14.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Contents

	Page
Foreword	2
1 Scope	2
2 Tolerances on dimensions and form	2
2.1 Width across flats	2
2.2 Corner radii	3
2.3 Squareness	3
2.4 Convexity – Concavity	3
2.5 Straightness	3
2.6 Twist	4
2.7 Length	4
2.8 Squareness of cut ends	4
3 Alloy groups	4

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 132 'Aluminium and aluminium alloys', the Secretariat of which is held by AFNOR.

The EN 755 series of standards comprises the following Parts:

- EN 755-1 Aluminium and aluminium alloys; extruded rod/bar, tube and profiles. Part 1: Technical conditions for inspection and delivery
- EN 755-2 Aluminium and aluminium alloys; extruded rod/bar, tube and profiles. Part 2: Mechanical properties
- EN 755-3 Aluminium and aluminium alloys; extruded rod/bar, tube and profiles. Part 3: Round bars: tolerances on dimensions and form
- EN 755-4 Aluminium and aluminium alloys; extruded rod/bar, tube and profiles. Part 4: Square bars: tolerances on dimensions and form
- EN 755-5 Aluminium and aluminium alloys; extruded rod/bar, tube and profiles. Part 5: Rectangular bars: tolerances on dimensions and form
- EN 755-6 Aluminium and aluminium alloys; extruded rod/bar, tube and profiles. Part 6: Hexagonal bars: tolerances on dimensions and form
- EN 755-7 Aluminium and aluminium alloys; extruded rod/bar, tube and profiles. Part 7: Seamless tubes: tolerances on dimensions and form
- EN 755-8 Aluminium and aluminium alloys; extruded rod/bar, tube and profiles. Part 8: Porthole tubes: tolerances on dimensions and form
- EN 755-9 Aluminium and aluminium alloys; extruded rod/bar, tube and profiles. Part 9: Profiles: tolerances on dimensions and form

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by December 1995 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard:

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

1 Scope

This Part of EN 755 specifies tolerances on dimensions and form for aluminium and aluminium alloy extruded square bars having width across flats in the range from 10 mm to 220 mm.

2 Tolerances on dimensions and form

2.1 Width across flats

The tolerances on width across flats are specified in table 1.

For the purposes of this standard, the alloys are classified into two groups which reflect the level of difficulty in manufacturing the products. See table 7 for classification of the most commonly used general engineering alloys into group I and group II.