

**Lennunduse ja kosmonautika seeria.
Pöördtrummlid. Korrosioonikindlast terasest
juhtimistross. Mõõtmed ja koormused**

Aerospace series - Turnbarrels - Control cable in
corrosion resisting steel - Dimensions and loads

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 2353:2000 sisaldab Euroopa standardi EN 2353:1988 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 11.01.2000 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 2353:2000 consists of the English text of the European standard EN 2353:1988.

This standard is ratified with the order of Estonian Centre for Standardisation dated 11.01.2000 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

The standard is available from Estonian standardisation organisation.

ICS 49.030.99

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UDC : 629.7.05 : 621.854 : 621.85.052.004.1 : 669.14.018.89

Key words : Aircraft industry, flight control, flexible cable, cable tensioner, joining adaptor, corrosion resisting steel, dimensions, breaking loads.

English version

Aerospace series

**Turnbarrels, control cable
in corrosion resisting steel
Dimensions and loads**

**Série aéronautique
Douilles de tendeurs
en acier résistant à la corrosion
Dimensions et charges**

**Luft- und Raumfahrt
Spannschloßmuttern
aus korrosionsbeständigem Stahl
Maße und Belastungen**

This European Standard was accepted by CEN on 1988-03-17. CEN members are bound to comply with the requirements of CEN Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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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 CEN Central Secretariat has the same status as the official versions.

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CEN

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

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Brief History

This draft European Standard has been prepared by the European Association of Aerospace Manufacturers (AECMA).

After enquiries and votes carried out in accordance with the rules of this Association, this draft has successively received the approval of the National Associations and the Official Services of the member countries of AECMA, prior to its presentation to CEN.

In accordance with the Common CEN/CENELEC Rules, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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1 Scope and field of application

This standard specifies the characteristics of turnbarrels in corrosion resisting steel intended for aircraft control cables.

2 References

- ISO 2020, Aerospace - Mechanical system parts - Preformed flexible steel wire rope for aircraft controls - Technical specification
- ISO 5855/1, Aerospace construction - MJ threads - Part 1 : Basic profile
- ISO 5855/2, Aerospace construction - MJ threads - Part 2 : Dimensions for bolts and nuts
- EN 2363, Aerospace series - Locking clips for turnbuckles of control cables - Dimensions
- EN 2462, Steel FE-PA13 - Softened - Bars $D_e < 100$ mm - Aerospace series
- EN 2516, Aerospace series - Passivation of corrosion resistant steels ¹⁾
- EN 2569, Aerospace series - Control cable fittings and turnbarrel assemblies - Technical specification ¹⁾.

3 Required characteristics

3.1 Dimensions - Tolerances - Loads - Mass

The configuration shall correspond to the figure and the dimensions shall conform to the values given in the figure and the table.

3.2 Surface roughness

See figure.

3.3 Material

Steel EN 2462.

3.4 Surface treatment

Passivation EN 2516.