Puittarindid. Mehaaniliste kinnitusdetailidega liited. Tugevus- ja deformatsiooninäitajate määramise põhialused

Timber structures - Joints made with mechanical fasteners - General principles for the determination of strength and deformation characteristics

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 26891:1999 sisaldab Euroopa standardi EN 26891:1991 ingliskeelset teksti. Käesolev dokument on jõustatud 23.11.1999 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 26891:1999 consists of the English text of the European standard EN 26891:1991. This document is endorsed on 23.11.1999 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 standard kehtestab põhialused mehaaniliste kinnitusdetailidega liidete tugevus- ja deformatsiooninäitajate (nihe) määramiseks. See kehtib mehaaniliste kinnitusdetailidega liidete kohta, mida kasutatakse staatilise koormusega puittarindites. Täpsemad moodused spetsiifiliste kinnitusdetailidega liidete kohta esitatakse eraldi rahvusvahelistes standardites. Põhialuseid võib kasutada ka muude liidete katsetamiseks.	**Scope:**

ICS 91.080.20

Võtmesõnad: deformatsioon, kinnitusdetailid, koormamine, liitmine, mehaaniline tugevus, näitajad, puidust ehitamine

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 26 891

February 1991

UDC 694.14 : 624.011.1 : 624.042/044 : 621.882

Descriptors: Timber construction, joining, fasteners, characteristics, mechanical strength, deformation, loading.

English version

Timber structures

Joints made with mechanical fasteners

General principles for the determination of strength and deformation characteristics

(ISO 6891 : 1983)

Structures en bois; assemblages réalisés avec des éléments mécaniques de fixation; principes généraux pour la détermination des caractéristiques de résistance et de déformation (ISO 6891 : 1983)

Holzbauwerke; Verbindungen mit mechanischen Verbindungsmitteln; allgemeine Grundsätze für die Ermittlung der Tragfähigkeit und des Verformungsverhaltens (ISO 6891 : 1983)

This European Standard was approved by CEN on 1991-01-17 and is identical to the ISO Standard as referred to. 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

Foreword

On the proposal of CEN/CS, CEN/BT decided, in accordance with the CEN/CENELEC Internal Regulations, to submit International Standard

ISO 6891 : 1983 Timber structures; joints made with mechanical fasteners; general principles for the determination of strength and deformation characteristics

to the CEN PQ procedure.

Following the positive result of the PQ, CEN/BT decided to submit ISO 6891, without modifications, to Formal Vote.

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 and United Kingdom.

Endorsement notice

The text of the International Standard ISO 6891 : 1983 was approved by CEN as a European Standard without any modification.

0 Introduction

Developments in the field of load-bearing timber structures require that joints made with mechanical fasteners be tested to obtain information about their strength and deformation (slip) characteristics.

This International Standard lays down general principles which should be followed in order to achieve comparability of results from investigations carried out in different laboratories. Standard rules for the determination of characteristic strengths for particular types of mechanical fasteners will be given in separate International Standards.

This International Standard is based on Joint Recommendations from Working commission W18, Timber Structures, of CIB[1] and Committee 3TT, Timber Testing, of RILEM[2], who will also prepare the basis for the above-mentioned supplementary International Standards.

1 Scope

This International Standard lays down general principles for the determination of the strength and deformation (slip) characteristics of joints made with mechanical fasteners.

2 Field of application

This International Standard is applicable to joints made with mechanical fasteners used in statically loaded timber structures.

Detailed procedures appropriate to joints made with specific fasteners will be given in separate International Standards.

The principles can also be used for the testing of other joints.

It is recognized that for some special types of joints not covered by International Standards, modification of the test procedure may be necessary.

3 Reference

ISO 554, *Standard atmospheres for conditioning and/or testing — Specifications.*

1) International Council for Building Research, Studies and Documentation.

2) International Union of Testing and Research Laboratories for Materials and Structures.