

# SVENSK STANDARD

## SS-EN ISO 8970:2010

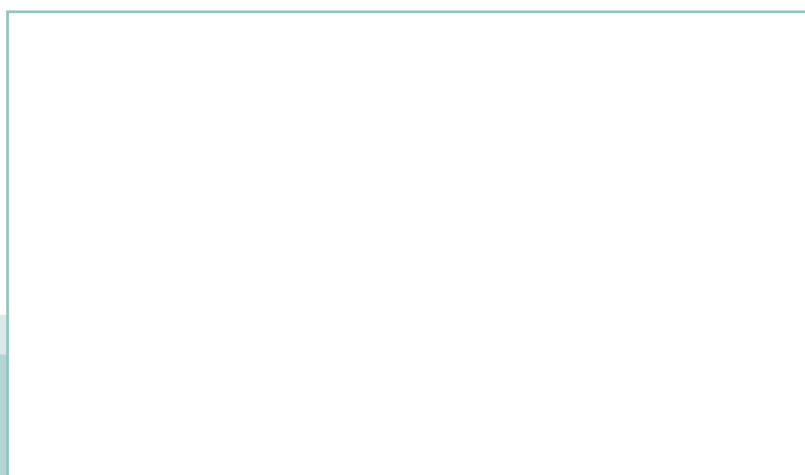


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### **Träkonstruktioner – Mekaniska förband – Krav för trädensitet (ISO 8970:2010)**

**Timber structures – Testing of joints made with mechanical  
fasteners – Requirements for wood density (ISO 8970:2010)**



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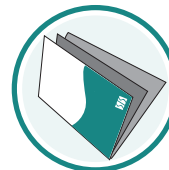
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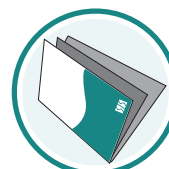
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Europastandarden EN ISO 8970:2010 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN ISO 8970:2010.

Denna standard ersätter SS-EN 28970, utgåva 1.

The European Standard EN ISO 8970:2010 has the status of a Swedish Standard. This document contains the official English version of EN ISO 8970:2010.

This standard supersedes the Swedish Standard SS-EN 28970, edition 1.

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Denna standard är framtagen av kommittén för Bärande träkonstruktioner, SIS/TK 182/AG 4.

Har du synpunkter på innehållet i den här standarden, vill du delta i ett kommande revideringsarbete eller vara med och ta fram andra standarder inom området? Gå in på [www.sis.se](http://www.sis.se) - där hittar du mer information.



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 8970**

June 2010

ICS 91.080.20

Supersedes EN 28970:1991

English Version

## Timber structures - Testing of joints made with mechanical fasteners - Requirements for wood density (ISO 8970:2010)

Structures en bois - Essai des assemblages réalisés par organes mécaniques - Exigences concernant la masse volumique du bois (ISO 8970:2010)

Holzbauwerke - Prüfung von mechanischen Verbindungen - Anforderungen an die Rohdichte des Holzes (ISO 8970:2010)

This European Standard was approved by CEN on 12 June 2010.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**Management Centre: Avenue Marnix 17, B-1000 Brussels**

## Foreword

This document (EN ISO 8970:2010) has been prepared by Technical Committee ISO/TC 165 “Timber structures” in collaboration with Technical Committee CEN/TC 124 “Timber structures” 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 December 2010, and conflicting national standards shall be withdrawn at the latest by December 2010.

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### Endorsement notice

The text of ISO 8970:2010 has been approved by CEN as a EN ISO 8970:2010 without any modification.

## Introduction

The need to prescribe restriction of density for timber connection tests dates back many decades. In using the standard density, the boundaries set are considered too restrictive. This leads to difficulties in sampling timber elements and increased laboratory testing costs. Moreover, evidence has surfaced that the effect of density on the load-bearing capacity of connections is in many cases less significant than expected, and that many other parameters influence it.

