
**Timber structures — Determination
of characteristic values —**

Part 5:
Mechanical connections

*Structures en bois — Détermination des valeurs caractéristiques —
Partie 5: Assemblages*





COPYRIGHT PROTECTED DOCUMENT

© ISO 2018

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Symbols	2
5 Reference population	2
6 Sampling	2
6.1 Sampling method.....	2
6.2 Sample size.....	3
7 Sample conditioning	3
8 Test data	3
8.1 General.....	3
8.2 Test method.....	3
8.2.1 Monotonic loading of connections.....	3
8.2.2 Cyclic loading of connections.....	4
8.3 Test data compatible with product description.....	4
8.4 Failure modes.....	5
9 Evaluation of characteristic values for structural properties	5
9.1 Structural properties.....	5
9.2 Characteristic initial stiffness of the connection (monotonic loading).....	6
9.3 Characteristic stiffness of the connection (cyclic loading).....	6
9.4 Characteristic capacity of the connection.....	6
9.4.1 Characteristic capacity.....	6
9.4.2 Test load in monotonic tests.....	6
9.4.3 Test load in cyclic load tests.....	6
10 Report	7
Annex A (informative) Commentary	9
Bibliography	13