
**Railway infrastructure — Rail
fastening systems —**

**Part 2:
Test method for longitudinal rail
restraint**

Infrastructure ferroviaire — Systèmes de fixation du rail —

*Partie 2: Méthode d'essai pour la détermination de résistance
longitudinale au glissement*





COPYRIGHT PROTECTED DOCUMENT

© ISO 2021

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
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Symbols	1
5 Principle	2
6 Apparatus	2
7 Test specimens	2
7.1 Rail support	2
7.2 Fastening.....	3
8 Procedure	3
8.1 Test temperature.....	3
8.2 Preparation for test.....	3
8.3 Loading.....	4
8.3.1 Longitudinal rail restraint	4
8.3.2 Longitudinal stiffness	4
8.3.3 Parameters for track-bridge interaction calculations.....	5
8.4 Calculation	5
8.4.1 Longitudinal rail restraint	5
8.4.2 Longitudinal stiffness	5
8.4.3 Parameters for track-bridge interaction calculations.....	5
8.5 Visual inspection	6
9 Test report	6
Bibliography	7