
Destructive tests on welds in metallic materials — Fracture test

*Essais destructifs des soudures sur matériaux métalliques — Essai
de texture*





COPYRIGHT PROTECTED DOCUMENT

© ISO 2017, Published in Switzerland

All rights reserved. Unless otherwise specified, 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
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Symbols and abbreviated terms	2
6 Dimensions of test pieces	3
7 Removal of test specimens	6
7.1 General.....	6
7.2 Marking.....	6
7.3 Extraction.....	6
7.3.1 General.....	6
7.3.2 Steels.....	7
7.3.3 Other metallic materials.....	7
7.4 Preparation.....	7
8 Test procedure	11
8.1 Butt welds.....	11
8.1.1 General.....	11
8.1.2 Thin material.....	13
8.1.3 Thick material.....	13
8.2 Fillet welds.....	13
8.3 Special recommendations for ductile weld metals.....	13
9 Test result	14
10 Test report	14
Annex A (informative) Example of a test report	15