

TECHNICAL SPECIFICATION

ISO/TS
18684

First edition
2015-09-01

Timekeeping instruments — Watch external parts made of hard materials — General requirements and test methods

*Instruments horaires — Habillages de montre en matériaux durs —
Exigences générales et méthodes d'essais*



Reference number
ISO/TS 18684:2015(E)



COPYRIGHT PROTECTED DOCUMENT

© ISO 2015, 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
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Requirements, method of control and acceptance criteria	2
4.1 General	2
4.2 Mechanical shock resistance	2
4.2.1 Requirements and control method	2
4.2.2 Acceptance criteria	2
4.3 Thermal shock resistance	3
4.3.1 Requirements and control method	3
4.3.2 Acceptance criteria	3
4.4 Corrosion resistance	3
4.4.1 Requirements and control method	3
4.4.2 Acceptance criteria	3
4.5 Wear resistance	3
4.5.1 Requirements and control method	3
4.5.2 Acceptance criteria	3
4.6 Scratch resistance	3
4.6.1 Requirements and control method	3
4.6.2 Acceptance criteria	4
4.7 Impact resistance	4
4.7.1 Requirements and control method	4
4.7.2 Acceptance criteria	4
4.8 Sunlight resistance	4
4.8.1 Requirements and control method	4
4.8.2 Acceptance criteria	4
4.9 Mechanical behaviour of assembled elements	4
4.9.1 Requirements and control method	4
4.9.2 Acceptance criteria	5
Annex A (informative) Hard materials	6
Annex B (informative) Inspection rules	7
Bibliography	8