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

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

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Foreword

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This document was prepared by Technical Committee ISO/TC 114, *Horology*.

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Introduction

In recent years, hard materials such as tungsten carbide, ceramics, etc., have found several applications in the horological industry, particularly for the external parts of watches, and more particularly in watchcases and some of their accessories such as bezels, crowns, wristbands and clasps.

Their properties in terms of hardness, wear resistance or finish quality (brightness) bring many undeniable advantages for this type of application.

This document deals with constitutive components of external parts of watches. Given the variety of possibilities in the mounting of these elements, it is not possible to define and to specify “a complete watch made of hard material”.

Manufacturers of hard materials have developed know-how with the aim of satisfying the legal requirements and the criteria of horological standardization, without standards nor specifications that can serve as references. The aim of this document is to clarify the general requirements and the test methods for the horological external parts made of hard material.

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