



INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1112

HOROLOGY

FUNCTIONAL AND NON-FUNCTIONAL JEWELS

1st EDITION

September 1969

COPYRIGHT RESERVED

The copyright of ISO Recommendations and ISO Standards belongs to ISO Member Bodies. Reproduction of these documents, in any country, may be authorized therefore only by the national standards organization of that country, being a member of ISO.

For each individual country the only valid standard is the national standard of that country.

Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations.

HOROLOGY

FUNCTIONAL AND NON-FUNCTIONAL JEWELS

1. SCOPE

This ISO Recommendation lays down the technical definition of “functional” and “non-functional” horological jewels.

2. DEFINITION

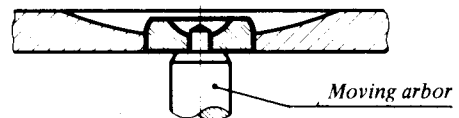
A horological jewel may be natural or synthetic. It is called a functional jewel only if it serves to stabilize friction and to reduce the wear-rate of contacting surfaces of the components of a timekeeping device.

3. FUNCTIONAL JEWELS

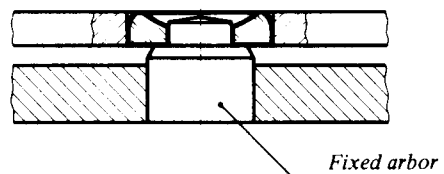
The following are regarded as *functional* jewels, irrespective of their form :

3.1 Jewels with holes serving as radial or axial bearings (or both)

3.1.1 fixed, with moving arbor,

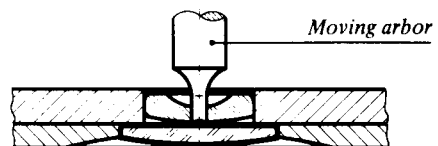


3.1.2 moving, with fixed arbor;



3.2 Jewels without holes, serving as axial bearings

3.2.1 fixed, with moving arbor,



3.2.2 moving, with fixed arbor;

