

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION

R 1941

withdrawn 1980

TC 131

FLAT SEAL FOR HYDRAULIC COUPLINGS

1st EDITION

October 1970

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.

BRIEF HISTORY

The ISO Recommendation R 1941, *Flat seal for hydraulic couplings*, was drawn up by Technical Committee ISO/TC 39, *Machine tools*, the Secretariat of which is held by the Association Française de Normalisation (AFNOR).

Work on this question led to the adoption of Draft ISO Recommendation No. 1941, which was circulated to all the ISO Member Bodies for enquiry in September 1969. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Australia	Japan	Sweden
Belgium	Korea, Rep. of	Switzerland
Czechoslovakia	New Zealand	Thailand
France	Portugal	Turkey
Germany	Romania	U.A.R.
Greece	South Africa, Rep. of	United Kingdom
Israel	Spain	

The following Member Bodies opposed the approval of the Draft :

Hungary
U.S.A.
U.S.S.R.

This Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided to accept it as an ISO RECOMMENDATION.

FLAT SEAL FOR HYDRAULIC COUPLINGS

1. SCOPE

This ISO Recommendation gives the dimensions of flat seal and surface joints in relation to the nominal dimensions of the threads retained for the couplings for hydraulic piping.

The main dimensions of the pipe couplings should conform to those indicated in ISO Recommendation R 1944, *Pipe couplings for hydraulic piping (pipe threads)*.

NOTE. – Although it has been found useful to standardize flat seals in order to achieve interchangeability of the couplings, it is however recommended that O-ring connections be used, the standardization of which is at present being considered.

STANDARDSISO.COM : Click to view the full PDF of ISO/R 1941:1970