
International Standard



1021

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Aircraft — Engine nacelle fire extinguisher apertures and doors

Aéronefs — Ouvertures et portes d'accès aux fuseaux moteurs d'aéronefs pour les extincteurs d'incendie

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[ISO 1021:1980](https://standards.iteh.ai/catalog/standards/sist/60064df2-66db-4535-8d49-e193c78c70ef/iso-1021-1980)

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Descriptors : aircraft, propellant engines, doors, ports (openings), fire equipment, fire extinguishers, dimensions.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 1021 was developed by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, and was circulated to the member bodies in November 1978.

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It has been approved by the member bodies of the following countries:

Austria	Italy	Spain
Belgium	Japan	Turkey
Brazil	Korea, Rep. of	United Kingdom
Canada	Netherlands	USA
Czechoslovakia	Poland	USSR
Germany, F. R.	Romania	
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No member body expressed disapproval of the document.

This International Standard cancels and replaces ISO Recommendation R 1021-1969, of which it constitutes a technical revision.

Aircraft — Engine nacelle fire extinguisher apertures and doors

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1 Scope and field of application

This International Standard relates to apertures and doors in aircraft engine nacelles for the insertion of the nozzles of ground fire-extinguishing equipment.

[ISO 1021:1980](#)

[e193c78c70ef/iso-1021-1980](#)

2 Requirements

2.1 If one or more apertures are provided in aircraft engine nacelles for the insertion of fire extinguishing equipment, they shall be either round or square in shape and of the following dimensions :

Round : The diameter shall be from 100 mm minimum to 130 mm maximum.

Square : The sides of the square shall be from 100 mm minimum to 130 mm maximum.

2.2 The apertures may be fitted with spring-loaded, inward-opening doors which shall be lipped or beaded to facilitate the insertion and the withdrawal of the extinguisher nozzle.

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