INTERNATIONAL STANDARD

ISO 12118

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Air cargo equipment — Identification of double-stud tie-down fittings having an omnidirectional rated load capacity of 22 250 N (5 000 lbf) or above

Équipement pour le fret aérien — Identification des ferrures d'arrimage à téton double ayant une capacité de charge omnidirectionnelle d'au moins 22 250 N (5 000 lbf)

Reference number
ISO 12118:1995(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 12118 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 9, *Air cargo and ground equipment*.

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Air cargo equipment — Identification of double-stud tie-down fittings having an omnidirectional rated load capacity of 22 250 N (5 000 lbf) or above

1 Scope

This International Standard specifies an identification scheme for double-stud tie-down fittings having an omnidirectional rated load capacity of 22 250 N (5 000 lbf) or above in a rail conforming to ISO 7166.

It is applicable to all cargo tie-down fittings equipped with a moveable plunger, regardless of material or method of fabrication, that satisfy national regulatory airworthiness requirements with regard to the additional special factors appropriate to the method of fabrication of the assembly or component parts thereof.

The requirements specified in this International Standard are intended to facilitate identification of such tie-down fittings by non-technical ramp and cargo personnel.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 3864:1984, *Safety colours and safety signs.*

ISO 7166:1985, *Aircraft — Rail and stud configuration for passenger equipment and cargo restraint.*

3 Identification

The plunger of the tie-down fitting shall be permanently coloured bright yellow ("safety yellow") in accordance with ISO 3864, in such a way that satisfactory installation into tie-down track meeting the dimensional requirements of ISO 7166 is not affected.

ICS 49.120

Descriptors: aircraft, freight transport, aircraft equipment, cargo, restrain systems, fittings, identification methods, marking, colour marking, load capacity.

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