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**Aerospace fluid systems and  
components — Vocabulary —**

Part 2:  
**Fittings and couplings**

**Systèmes aérospatiaux de  
fluides et éléments constitutifs  
— Vocabulaire —**

Partie 2:  
**Raccords et raccordements**

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## 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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html)

This document was prepared by ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 10, *Aerospace fluid systems and components*.

A list of all parts in the ISO 8153 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

# Aerospace fluid systems and components — Vocabulary —

## Part 2: Fittings and couplings

### 1 Scope

This document defines terms which are used for all types of fittings and couplings.

### 2 Normative references

There are no normative references in this document.

### 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

#### 3.1 General terms

##### 3.1.1 fitting

component used for connecting parts of a fluid system

##### 3.1.2

##### separable fitting

fitting which can be disassembled so as to connect or disconnect at least two parts of a fluid system

##### 3.1.3

##### permanent fitting

fitting connecting at least two parts of a fluid system

Note 1 to entry: The connected parts cannot be disconnected without destruction of the fitting assembly.

##### 3.1.4

##### coupling

##### coupling assembly

mating pair of fittings designed to connect parts of a fluid system

##### 3.1.5

##### nominal size

##### nominal diameter

standardized characteristic of all parts of a fluid system relative to the outside diameter of a rigid tube that can be used on such a fluid system