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**Aerospace — Lead and runout threads —**  
**Part 2:**  
**Internal threads**

*Aéronautique et espace — Filets incomplets, débuts et fins de filets —*  
*Partie 2: Filetages intérieurs*



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Printed in Switzerland

## Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this part of ISO 3353 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 3353-2 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 4, *Aerospace fastener systems*.

ISO 3353 consists of the following parts, under the general title *Aerospace — Lead and runout*:

- *Part 1: Rolled external threads*
- *Part 2: Internal threads*

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# Aerospace — Lead and runout threads —

## Part 2: Internal threads

### 1 Scope

This part of ISO 3353 specifies the lead and runout thread and undercut requirements for internal threads (blind tapped holes) for aerospace construction.

It is applicable whenever it is referenced in a definition document.

### 2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this part of ISO 3353. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 3353 are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 5855-1, *Aerospace — MJ threads — Part 1: General requirements*

### 3 Terms and definitions

For the purposes of this part of ISO 3353, the following terms and definitions apply.

#### 3.1

##### **lead threads**

part of screw threads in which are located threads incompletely formed during cutting, beginning at the entering countersunk of the thread

#### 3.2

##### **runout threads**

part of screw threads in which are located threads incompletely formed during cutting, between the completely formed threads and the end of the cylindrical part of the blind tapped hole

#### 3.3

##### **undercut**

groove dug at the hole bottom to limit the threads with completely formed thread (except at the crossing between the last thread and the groove flank)

#### 3.4

##### **completely formed thread**

thread, the profile of which ABC is located, over an axial distance of  $1P$ , within the limits specified in the definition document for the thread

See Figure 1.