

Rolled threads for bolts — Lead and runout requirements

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Committees responsible for this British Standard

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- The Association of Electronics, Telecommunications and Business Equipment Industries
- British Industrial Fasteners Federation
- Ministry of Defence
- Society of British Aerospace Companies Ltd.

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National foreword

This British Standard has been prepared under the direction of the Aerospace Standards Policy Committee. It is identical with ISO 3353:1992 *Aerospace — Rolled threads for bolts — Lead and runout requirements* published by the International Organization for Standardization (ISO). It supersedes BS A 231:1982 which is withdrawn.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 8 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

1 Scope

This International Standard specifies the lead and runout requirements for rolled threads for bolts, and the inspection method to be used in case of dispute.

It is also applicable to other threaded male parts, used in aerospace construction, provided that it is referenced in the definition document of the part.

2 Definitions

For the purposes of this International Standard, the following definitions apply.

2.1

lead threads

an area in which are located threads incompletely formed during rolling, beginning at the entering chamfer of the thread

2.2

runout threads

an area in which are located threads incompletely formed during rolling, between the completely formed threads and the part which has not been rolled

2.3

completely formed thread

a 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.)

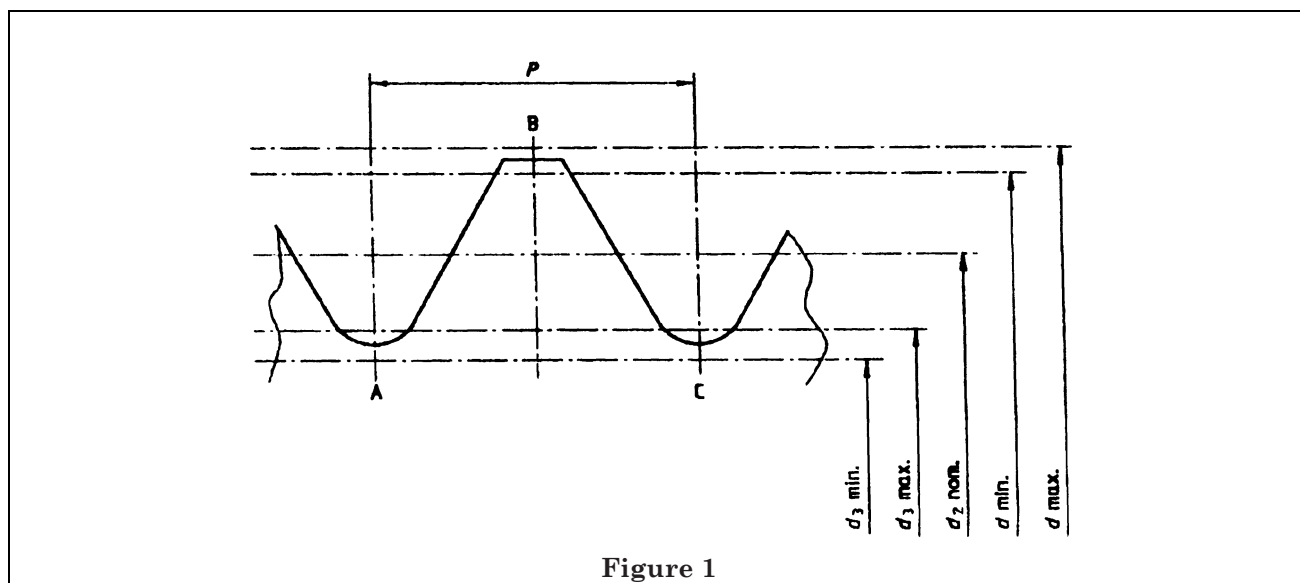


Figure 1

3 Symbols for threads

- d = major diameter of the thread
- d_2 = pitch diameter of the thread
- d_3 = minor diameter of the thread
- P = thread pitch