
**Aerospace — Drives, internal, TORX®
PARALOBE® drive — Geometrical
definition, gaging and technical
requirements**

*Aéronautique et espace — Empreintes, TORX® PARALOBE®
entraînement — Définition géométrique, calibrage et exigences
techniques*



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Foreword

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Introduction

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Aerospace — Drives, internal, TORX® PARALOBE® drive — Geometrical definition, gaging and technical requirements

1 Scope

This document specifies basic dimensions, characteristics and engineering requirements for TORX® PARALOBE®¹⁾ recesses in aerospace fasteners.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 4580, *Aerospace — Drives, internal, TORX® PARALOBE® driver bit — Geometrical definition, gaging and technical requirements*

NASM1312-25, *Fastener Test Methods – Method 25 – Driving Recess Torque Quality Conformance Test*

3 Terms and definitions

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

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

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

3.1

recess

geometry in a fastener that allows attaching a tool in order to induce a torque to enable tightening and untightening of a fastener

3.2

driver bit

tool to induce a torque into a fastener's *recess* (3.1)

3.3

configuration

shape and geometry of the cross section of a *recess* (3.1) or external drive

3.4

optimum recess torque

torque in a *recess* (3.1) when the recess is able to transfer the ultimate torque of the *driver bit* (3.2)

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