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NSAI Standards

Irish Standard
I.S. EN 2957:2019

Aerospace series - Method of preparation of forged samples

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I.S. EN 2957:2019

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National Foreword

I.S. EN 2957:2019 is the adopted Irish version of the European Document EN 2957:2019, Aerospace series - Method of preparation of forged samples

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 2957

September 2019

ICS 49.025.99

English Version

Aerospace series - Method of preparation of forged samples

Série aérospatiale - Méthode pour la préparation d'échantillons forgés

Luft- und Raumfahrt - Verfahren zur Herstellung von Schmiedeproben

This European Standard was approved by CEN on 6 January 2019.

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European foreword

This document (EN 2957:2019) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2020, and conflicting national standards shall be withdrawn at the latest by March 2020.

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1 Scope

This document defines the requirements for the preparation of forged test samples.

Unless otherwise specified on the drawing, order, or inspection schedule, this document shall be applied when referenced in the relevant EN material standard or EN technical specification.

This document applies to round products of ≥ 20 mm diameters or other shapes of equivalent cross-section.

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:

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

3.1
blank
sample cut from forging stock

3.2
pancake
sample obtained by upsetting a blank

4 Method of blank removal

Unless otherwise specified in the relevant EN technical specification, the location of any blank shall be agreed between the purchaser and the manufacturer.

The form and dimensions of the blank are given in Table 1.

A volume of material of at least equal size as, and taken adjacent to the original blank, shall be available for possible testing.

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