



NSAI
Standards

Irish Standard
I.S. EN 4575:2020

Aerospace series - Heat resisting alloy
X12CrNiCoMoW21-20 - Solution treated
and descaled - Sheets and plates - 3 mm
< a ≤ 50 mm

I.S. EN 4575:2020

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National Foreword

I.S. EN 4575:2020 is the adopted Irish version of the European Document EN 4575:2020, Aerospace series - Heat resisting alloy X12CrNiCoMoW21-20 - Solution treated and descaled - Sheets and plates - 3 mm < a ≤ 50 mm

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EUROPEAN STANDARD

EN 4575

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2020

ICS 49.025.05

English Version

**Aerospace series - Heat resisting alloy X12CrNiCoMoW21-
20 - Solution treated and descaled - Sheets and plates - 3
mm < a ≤ 50 mm**

Série aérospatiale - Alliage résistant à chaud
X12CrNiCoMoW21-20 - Mis en solution et décapé -
Tôles et plaques - 3 mm < a ≤ 50 mm

Luft- und Raumfahrt - Hochwarmfeste Legierung
X12CrNiCoMoW21-20 - Lösungsgeglüht und gebeizt -
Bleche und Platten - 3 mm < a ≤ 50 mm

This European Standard was approved by CEN on 8 December 2019.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European foreword

This document (EN 4575:2020) 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of an identical text or by endorsement, at the latest by August 2020, and conflicting national standards shall be withdrawn at the latest by August 2020.

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EN 4575:2020 (E)

Introduction

This document is part of the series of EN metallic material standards for aerospace applications. The general organization of this series is described in EN 4258.

This document has been prepared in accordance with EN 4500-003.

1 Scope

This document specifies the requirements relating to:

Heat resisting alloy X12CrNiCOMoW21-20
Solution treated and descaled
Sheets and plates
 $3 \text{ mm} < a \leq 50 \text{ mm}$

for aerospace applications.

ASD-STAN designation: FE-PA4901.

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.

EN 4700-001, *Aerospace series — Steel and heat resisting alloys — Wrought products — Technical specification — Part 001: Plate, sheet and strip*

3 Terms and definitions

No terms and definitions are listed in this document.

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/>

4 Requirements

See Table 1.

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