



**NSAI**  
Standards

Irish Standard  
I.S. EN 4245:2020

Aerospace series - Heat resisting alloy FE-  
PM1708 - Vacuum arc remelted - As  
forged - Forging stock -  $De \leq 300$  mm

**I.S. EN 4245:2020**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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*This document is based on:*

EN 4245:2020

*Published:*

2020-02-26

*This document was published under the authority of the NSAI and comes into effect on:*

2020-03-15

ICS number:

49.025.99

NOTE: If blank see CEN/CENELEC cover page

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## National Foreword

I.S. EN 4245:2020 is the adopted Irish version of the European Document EN 4245:2020, Aerospace series - Heat resisting alloy FE-PM1708 - Vacuum arc remelted - As forged - Forging stock - De ≤ 300 mm

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EUROPEAN STANDARD

EN 4245

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2020

ICS 49.025.99

English Version

**Aerospace series - Heat resisting alloy FE-PM1708 -  
Vacuum arc remelted - As forged - Forging stock -  $De \leq 300$   
mm**

Série aérospatiale - Alliage résistant à chaud FE-  
PM1708 - Refondu sous vide par arc - Brut de forge -  
Produits destinés à la forge -  $De \leq 300$  mm

Luft- und Raumfahrt - Hochwarmfeste Legierung FE-  
PM1708 - Lichtbogenvakuumschmolzen -  
Schmiedezustand - Schmiedevormaterial -  $De \leq 300$   
mm

This European Standard was approved by CEN on 18 November 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 COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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## **European foreword**

This document (EN 4245:2020) 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.

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

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**EN 4245:2020 (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 FE-PM1708  
Vacuum arc remelted  
As forged  
Forging stock  
 $D_e \leq 300$  mm

for aerospace applications.

## 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 2860-2, *Aerospace series — Heat resisting alloys — Forging stock and forgings — Technical specification — Part 2: Forging stock* <sup>1)</sup>

EN 2957, *Aerospace series — Method of preparation of forged samples*

## 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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1) Published as ASD-STAN Standard at the date of publication of this document by AeroSpace and Defence industries Association of Europe — Standardization (ASD-STAN), <http://www.asd-stan.org/>

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