



BSI Standards Publication

AEROSPACE SERIES

**Specification for high expansion
heat-resisting steel bar and
wire for the manufacture of
bolts, studs, set screws and
nuts (Ni 25.5, Cr 15, Ti 2, Mn 1.5,
Mo 1.25, Si 0.7, V 0.3) (Limiting
ruling section 50 mm)**

Publishing and copyright information

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Summary of pages

This document comprises a front cover, an inside front cover, pages i to ii, pages 1 to 6, an inside back cover and a back cover.

Foreword

Publishing information

This British Standard is published by BSI and came into effect on 31 January 2011. It was prepared by Panel ACE/61/-/48, *Heat resisting alloys*, under the authority of Technical Committee ACE/61, *Metallic materials for aerospace purposes*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

Together with BS EN 2398 and BS EN 2399, this standard supersedes BS HR 650:1972, which is withdrawn.

Information about this document

This standard is a full revision of BS HR 650 and introduces the following principal changes:

- a) the requirements are stated in tabular format in accordance with EN 4500-1 and EN 4500-3;
- b) the limiting ruling section covered in this standard has been increased from 20 mm to 50 mm;
- c) the bar for machining diameters covered in this standard have been limited to include measurements above 25 mm, up to and including 50 mm;
- d) the supplied bar for forging (softened, cold worked and machined or ground) diameters covered in this standard have been limited to include measurements above 25 mm, up to and including 50 mm.

Hazard warnings

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Use of this document

It has been assumed in the preparation of this British Standard that the execution of its provisions will be entrusted to appropriately qualified and experienced people, for whose use it has been produced.

Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its methods are expressed either as a set of instructions or in sentences in which the principal auxiliary verb is "shall".

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

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