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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 15062-2025

Replacing GB/T 15062-2008

Wrought superalloy - Seamless tube

变形高温合金 无缝管

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Foreword

This document was drafted in accordance with the provisions of GB/T 1.1-2020 Directives for standardization - Part 1: Rules for the structure and drafting of standardizing documents.

This document replaces GB/T 15062-2008 Superalloy tube for general application and GB/T 28295-2012 General specification of superalloy tubes. This document is based on GB/T 15062-2008 and integrates the content of GB/T 28295-2012. Compared with GB/T 15062-2008, apart from structural adjustments and editorial changes, the main technical changes are as follows.

- a) Alloy smelting methods have been added (see 5.1).
- b) Seven alloy grades and corresponding technical requirements have been added, namely GH1131, GH3128, GH3535, GH3617, GH3625, GH4080A, and GH4169 (see Chapter 6).

Please note that some of the contents of this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed by the China Iron and Steel Association.

This document is under the jurisdiction of the National Technical Committee on Steel of Standardization Administration of China (SAC/TC183).

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The release history of this document and the document it replaces is as follows.

-- First published in 1982 as GBn 188-1982, changed to GB/T 15062-1994 in 1994, and revised for the first time in 2008.

-- This is the second revision, incorporating the content of GB/T 28295-2012.

Wrought superalloy - Seamless tube

1 Scope

This document specifies the ordering details, manufacturing process, technical requirements, inspection rules, packaging, marking, and quality certificate for wrought superalloy seamless pipes, and describes the corresponding test methods.

This document applies to wrought superalloy seamless pipes (hereinafter referred to as pipes) processed by cold drawing (rolling) technology.

2 Normative references

GB/T 222

GB/T 223

GB/T 228.1

GB/T 228.2

GB/T 230.1

GB/T 231.1

GB/T 241

GB/T 242

GB/T 246

GB/T 2039

GB/T 2102

GB/T 2975

GB/T 4340.1

GB/T 5777
GB/T 6394
GB/T 7735
GB/T 11170
GB/T 13298
GB/T 14992
GB/T 20066
GB/T 20123
GB/T 20124
GB/T 20127
GB/T 30062
GB/T 38939

3 Terms and definitions

The terms and definitions defined in GB/T 14992 and GB/T 30062 apply to this document.

4 Order details

Contracts for orders placed in accordance with this document should include the following information.

- a) this document number;
- b) alloy grade;
- c) smelting methods;
- d) delivery condition;
- e) dimensions and permissible deviation levels;
- f) specific and multiple lengths (to specify if required);
- g) weight or number of pieces;
- h) ultrasonic testing qualification level;
- i) other special requirements.

5.1 Alloy smelting methods

The smelting method for the alloy shall conform to the provisions of Table 1. Other smelting methods that meet all the requirements of this document may also be used upon consultation between the supplier and the purchaser. The smelting method used shall be specified in the contract and the quality certificate.

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