



NEWS RELEASE

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Haynes International announces the development of HAYNES® 292™ alloy

KOKOMO, IN, July 21, 2025 – Haynes International, a company of Acerinox, a leading developer and manufacturer of advanced high-performance alloys, is pleased to announce the development of HAYNES® 292™ alloy. “I’m very proud of the Haynes team for delivering this new alloy to the market which has generated significant initial interest from customers. This continues to highlight the innovative core strength of our Company”, said Marty Losch, Chief Operating Officer of Haynes International, Inc.

This new alloy is expected to offer superior low-cycle fatigue (LCF) strength, creep strength, and oxidation resistance compared to Waspaloy and other wrought gamma-prime strengthened alloys. Remarkably, the alloy achieves its high strength without loss of fabricability - the alloy can be readily fabricated into various useful components in gas turbines and other markets due to its superior hot workability, cold formability and weldability versus Waspaloy and similar alloys. The exceptional oxidation resistance of the new alloy is realized by virtue of its ability to form protective alumina layer, while its high temperature strength is, in part, a result of gamma prime precipitation achieved with a two-step hardening heat treatment. Additionally, the alloy possesses excellent containment and thermal stability properties, both of which are critical for hot turbine case and other high temperature applications.

Planned product forms include billet, bar, sheet, plate, wire, powder, pipe, and tube. Material is expected to be available for trial evaluation as manufacturing progresses. Major potential applications for HAYNES® 292™ alloy are expected to include hot turbine cases in aircraft engines, combustion components in industrial gas turbines, wire and powder products for additive manufacturing, and various components for emerging power generation technology market.

About Haynes International and Acerinox Group

Haynes International, a company of Acerinox, is a leading developer, manufacturer and marketer of technologically advanced, nickel and cobalt-based high-performance alloys, primarily for use in the aerospace, chemical processing and industrial gas turbine industries. The Acerinox Group, with its head office in Spain, is the global leader in the manufacture of stainless steel and high-performance alloys.



HAYNES VDM Metals
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