

AGMA 926-C99
(Replaces AGMA 246.02a)

AMERICAN GEAR MANUFACTURERS ASSOCIATION

***Recommended Practice for Carburized
Aerospace Gearing***

AGMA 926-C99



AGMA INFORMATION SHEET

(This Information Sheet is NOT an AGMA Standard)

American
Gear
Manufacturers
Association

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ABSTRACT

This document establishes recommended practices for material case and core properties, microstructure and processing procedures for carburized AISI 9310 aerospace gears. This document is not intended to be a practice for any gears other than those applied in aerospace.

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Foreword

[The foreword, footnotes and annexes, if any, in this document are provided for informational purposes only and are not to be construed as a part of AGMA Information Sheet 926-C99, *Recommended Practice for Carburized Aerospace Gearing*.]

AGMA Standard 246.02A, *Practice for Carburized Aerospace Gearing*, dated June, 1983, was prepared by the Metallurgy and Materials Committee and was designed to be a guide to manufacturers who make carburized gears to the high quality standards required of gears used in aerospace applications.

AGMA 926-C99 has been updated by the Aerospace Gearing Committee and replaces AGMA 246.02A, and includes references to the latest standards of other standard setting bodies including SAE/AMS and AISI. Also, reference is made to modern steel making techniques and carburizing methods which produce gears to three classes of quality.

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AGMA 926-C99 was approved by the AGMA Technical Division Executive Committee on May 20, 1999.

Suggestions for improvement of this standard will be welcome. They should be sent to the American Gear Manufacturers Association, 1500 King Street, Suite 201, Alexandria, Virginia 22314.

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