

AMERICAN GEAR MANUFACTURERS ASSOCIATION

***Inspection Practices - Gear Blanks, Shaft
Center Distance and Parallelism***

AGMA 915-3-A99



AGMA INFORMATION SHEET

(This Information Sheet is NOT an AGMA Standard)

American
Gear
Manufacturers
Association

Inspection Practices - Gear Blanks, Shaft Center Distance and Parallelism
AGMA 915-3-A99
ISO/TR 10064-3:1996 (MOD)

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ABSTRACT

This information sheet provides the description of recommended numerical values relating to the inspection of gear blanks, shaft center distance and parallelism of shaft axes.

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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 915-3-A99, *Inspection Practices - Gear Blanks, Shaft Center Distance and Parallelism*.]

In the course of revising ANSI/AGMA 2000-A88, *Gear Classification and Inspection Handbook - Tolerances and Measuring Methods for Unassembled Spur and Helical Gears*, the AGMA Inspection Handbook Committee agreed that the ISO information from ISO/TR 10064-3:1996, relative to the inspection of gear blanks, shaft center distance and parallelism of axes should be published under separate cover as an AGMA Information Sheet.

For the general replacement of ANSI/AGMA 2000-A88, a system of documents as listed below, together with this information sheet, has been established:

- AGMA 915-1-AXX, *Inspection Practices for Cylindrical Gears - Tangential Measurements*
- AGMA 915-2-AXX, *Inspection Practices for Cylindrical Gears - Radial Measurements*
- AGMA 915-4-AXX, *Inspection Practices - Recommendations Relative to Surface Texture*
- AGMA 2015-1-AXX, *Accuracy Classification System for Cylindrical Gears - Tangential Measurements*
- AGMA 2015-2-AXX, *Accuracy Classification System for Cylindrical Gears - Radial Measurements*

ISO/TR 10064-3:1996 was prepared by ISO Technical Committee TC 60, Gears.

AGMA 915-3-A99 is not identical to ISO/TR 10064-3:1996, *Cylindrical gears - Code of inspection practice - Part 3: Recommendations relative to gear blanks, shaft centre distance and parallelism of axes*. It was agreed to be sent directly to committee comment in May of 1998, after project approval by the TDEC. The Committee, during comment resolution, made the following changes to the original ISO Technical Report:

- Addition of reference to ISO 1101 in clause 4;
- Changed the wording of the first paragraph of 4.3;
- Revised figure 4, reversing the datum and runout callouts;
- Changed 4.11 and figure 5, replacing datum surfaces with reference bands.

The Committee decided that these changes were sufficient enough to require an additional committee comment in February, 1999.

It 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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