



Technical
Division

ERRATA

ANSI/AGMA ISO 132-

July 2024

The following editorial corrections will be added to the next edition of ANSI/AGMA ISO 1328-B14, *Cylindrical Gears – ISO System of Flank Tolerance Classification Part 1: Definitions and Allowable Values of Deviations Relevant to Flanks of Gear Teeth* (published September 2014).

The changes, discovered after publication, have been reviewed and approved by the Chairperson of the AGMA Accuracy and Nomenclature Committee.

ERROR 1

Discrepancy: In Table 1, the following symbols are missing commas:

Term	Symbol	Unit
Maximum length of tip relief	L	

Correction: Add commas to the symbols as indicated below:

Symbol	Term	Unit
$L_{c a,max}$	Maximum length of tip relief	mm
$L_{c a,min}$	Minimum length of tip relief	mm
$L_{c f,max}$	Maximum length of root relief	mm
$L_{c f,min}$	Minimum length of root relief	mm

ERROR 3

Discrepancy: In Formula 11, a subscript letter is incorrectly shown as “i” – see highlighted below.

Helix form tolerance, $f_{i\beta T}$, shall be calculated using Formula (11):

$$f_{i\beta T} = (0.07\sqrt{d} + 0.45\sqrt{b} + 4)(\sqrt{2})^{(A-5)}$$

Correction: The symbol for Helix form tolerance should be corrected from $f_{i\beta T}$ to $f_{f\beta T}$.

Helix form tolerance, $f_{f\beta T}$, shall be calculated using Formula (11):

$$f_{f\beta T} = (0.07\sqrt{d} + 0.45\sqrt{b} + 4)(\sqrt{2})^{(A-5)}$$

ERROR 4

Discrepancy: Figure A.4 is the wrong graphic. Incorrect figure:

Correction: Replace incorrect graphic with the following:



a) Total helix deviation

b) Helix form deviae4

ERROR 6

Discrepancy: In each of Formulas F.1, F.2, F.3, and F.5, there is not a comma after the “T” in the subscript:

$$f_{isTmax} = f_{is (design)} + (0.375m_n + 5.0)(\sqrt{2})^{(A-5)} \quad (F.1)$$

or $f_{isTmin} = f_{is (design)} - (0.375m_n + 5.0)(\sqrt{2})^{(A-5)} \quad (F.2)$

$$f_{isTmin} = 0 \quad (F.3)$$
$$F_{isT} = F_{pT} + f_{isTmax} \quad (F.5)$$

Correction: Replace Formulas F.1, F.2, F.3, and F.5 with the following:

$$f_{isTmax} = f_{is (design)} + (0.375m_n + 5.0)(\sqrt{2})^{(A-5)} \quad (F.1)$$

or $f_{isTmin} = f_{is (design)} - (0.375m_n + 5.0)(\sqrt{2})^{(A-5)} \quad (F.2)$

$$f_{isTmin} = 0 \quad (F.3)$$
$$F_{isT} = F_{pT} + f_{isTmax} \quad (F.5)$$

These changes will be included in the next revision of ANSI/AGMA ISO 1328-1-B14.