



SLOVENSKI STANDARD
SIST ISO 6336-2:2008/Cor 1:2008
01-julij-2008

U i b'bcg]bcgh]fUj bcncV\ `]b`dcýYj bcncV\ `ncVb]_cj `!`&"XY.`fU i b
cVfUrcj UbYj nXfy`^]j cgh]ncVb\ `Vc_cj `fUa] Yb^Ł

Calculation of load capacity of spur and helical gears - Part 2: Calculation of surface durability (pitting)

Tragfähigkeitsberechnung von gerad- und schrägverzahnten Stirnrädern - Teil 2: Berechnung der Oberflächentragfähigkeit (Grübchenbildung)

Calcul de la capacité de charge des engrenages cylindriques à dentures droite et hélicoïdale - Partie 2: Calcul de la résistance à la pression de contact (piqûre)

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Ta slovenski standard je istoveten z: ISO 6336-2:2006/Cor 1

ICS:

21.200 Gonila Gears

SIST ISO 6336-2:2008/Cor 1:2008 en

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INTERNATIONAL STANDARD ISO 6336-2:2006
TECHNICAL CORRIGENDUM 1

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**Calculation of load capacity of spur and helical gears —
Part 2:
Calculation of surface durability (pitting)**

TECHNICAL CORRIGENDUM 1

*Calcul de la capacité de charge des engrenages cylindriques à dentures droite et hélicoïdale —
Partie 2: Calcul de la résistance à la pression de contact (piqûre)*

RECTIFICATIF TECHNIQUE 1

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Technical Corrigendum 1 to ISO 6336-2:2006 was prepared by Technical Committee ISO/TC 60, Gears, Subcommittee SC 2, Gear capacity calculation.

Page 3, 5.1 d)

Replace “Helical gears with $\varepsilon_\alpha \leq 1$ and with $\varepsilon_\gamma > 1$ ” with

Helical gears with $\varepsilon_\alpha < 1$ and with $\varepsilon_\gamma > 1$

Page 8, 5.4.3.2

Replace Equation (15) with the following:

$$\exp = 0,768 \ 6 \log \frac{\sigma_{\text{HP stat}}}{\sigma_{\text{HP ref}}}$$

ICS 21.200

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Page 10, 6.2

Replace Equation (17) with the following:

$$M_1 = \sqrt{\frac{\rho_{C1} \rho_{C2}}{\rho_{B1} \rho_{B2}}} = \frac{\tan \alpha_{wt}}{\sqrt{\left(\sqrt{\frac{d_{a1}^2}{d_{b1}^2} - 1} - \frac{2\pi}{z_1}\right) \left(\sqrt{\frac{d_{a2}^2}{d_{b2}^2} - 1} - (\varepsilon_\alpha - 1) \frac{2\pi}{z_2}\right)}}$$

Page 11, 6.2

Replace Equation (18) with the following:

$$M_2 = \sqrt{\frac{\rho_{C1} \rho_{C2}}{\rho_{D1} \rho_{D2}}} = \frac{\tan \alpha_{wt}}{\sqrt{\left(\sqrt{\frac{d_{a2}^2}{d_{b2}^2} - 1} - \frac{2\pi}{z_2}\right) \left(\sqrt{\frac{d_{a1}^2}{d_{b1}^2} - 1} - (\varepsilon_\alpha - 1) \frac{2\pi}{z_1}\right)}}$$

Page 15, Clause 9

Replace Equation (36) with the following:

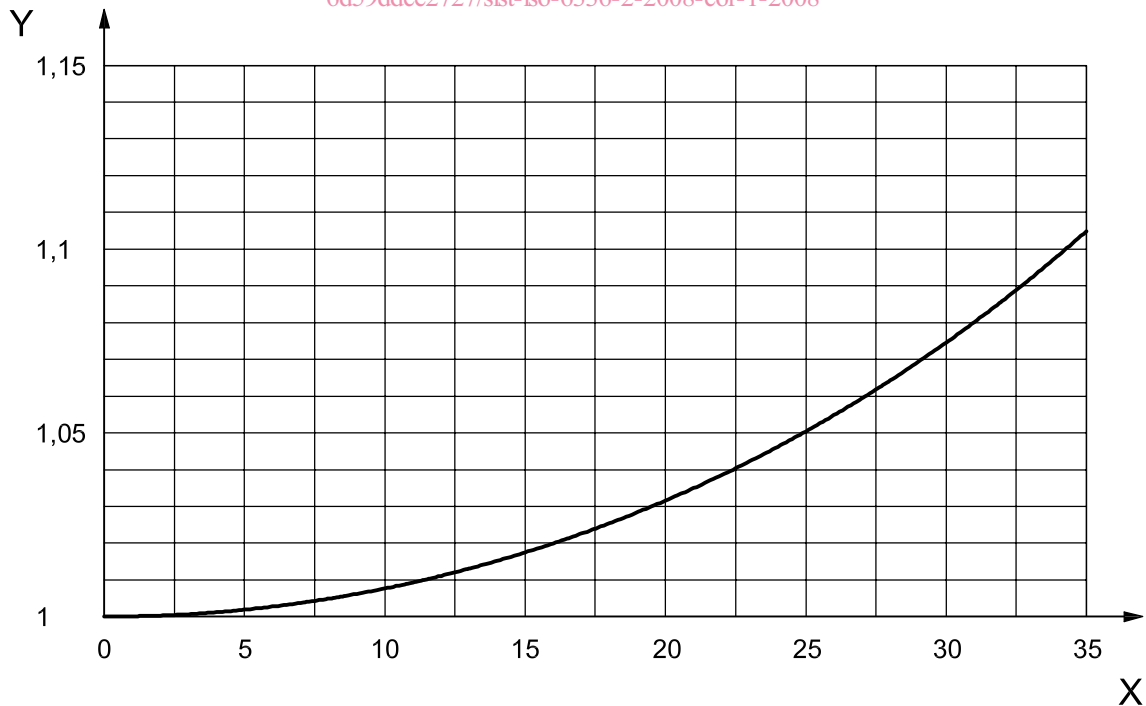
$$Z_\beta = \frac{1}{\sqrt{\cos \beta}}$$

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Page 15, Figure 5

Replace the graph with the following.

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Page 25, 13.2.1

In the definition of ρ_{red} , replace “see Equation (43)” with “see Equation (46)”.