SLOVENSKI STANDARD
SIST ISO 6336-6:2006/Cor 1:2008

01-julij-2008

≠ɲfU i b˙bcg]`bcgh]˙fUj bcncV]\ ˙]b˙dcýYj bcncV]\ ˙ncVb]_cj ˙!˙*˙"XY˙.˙≠ɲfU i b˙XcVY ɫfUʹUbʹUˊdf]˙gdfYa Yb`˙]j]˙cVfYa Yb]ɦj]˙!˙HY\ b] b]˙dcdfUj Y_ ˙%

Calculation of load capacity of spur and helical gears - Part 6: Calculation of service life under variable load; Technical Corrigendum 1

Tragfähigkeitsberechnung von gerad- und schrägverzahnten Stirnrädern - Teil 6: Betriebsfestigkeitsrechnung, Korrektur 1

Ta slovenski standard je istoveten z: **ISO 6336-6:2006/Cor 1:2007**

ICS:

21.200	Gonila	Gears

SIST ISO 6336-6:2006/Cor 1:2008 en,fr

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INTERNATIONAL STANDARD ISO 6336-6:2006
TECHNICAL CORRIGENDUM 1

Published 2007-08-01

Calculation of load capacity of spur and helical gears —

Part 6:
Calculation of service life under variable load

TECHNICAL CORRIGENDUM 1

Calcul de la capacité de charge des engrenages cylindriques à dentures droite et hélicoïdale —

Partie 6: Calcul de la durée de vie en service sous charge variable

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 6336-6:2006 was prepared by Technical Committee ISO/TC 60, *Gears*, Subcommittee SC 2, *Gear capacity calculation*.

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Page 20

Clause C.6

Replace the equations with the following:

— For contact stress:

$$Z_{\text{NTi}} = \frac{\sigma_{\text{Hi}}}{\sigma_{\text{HPi}}}$$

$$N_i = \left(\frac{Z_{\text{NTi}}}{1,6}\right)^{-13,222\,469} \times 10^5 \ (\text{if } Z_{\text{NTi}} > 1), \ N_i = (Z_{\text{NTi}})^{-32,601\,229\,26} \times 5 \times 10^7 \ (\text{if } Z_{\text{NTi}} \leqslant 1)$$

$$U_i = \frac{n_i}{N_{ii}}$$

— For bending stress:

$$Y_{\text{NTi}} = \frac{\sigma_{\text{Fi}}}{\sigma_{\text{FPi}}}$$

$$N_i = \left(\frac{Y_{\text{NTi}}}{2,5}\right)^{-8,737\,249\,08} \times 10^3 \ (\text{if } Y_{\text{NTi}} \geqslant 1), \ N_i = (Y_{\text{NTi}})^{-49,912\,503\,38} \times 3 \times 10^6 \ (\text{if } Y_{\text{NTi}} < 1)$$

$$U_i = \frac{n_i}{N_{ii}}$$

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b0eb5421944a/sist-iso-6336-6-2006-cor-1-2008