INTERNATIONAL STANDARD ISO 6336-1:2006
TECHNICAL CORRIGENDUM 1

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Calculation of load capacity of spur and helical gears —

Part 1:
Basic principles, introduction and general influence factors

TECHNICAL CORRIGENDUM 1

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

Partie 1: Principes de base, introduction et facteurs généraux d'influence

RECTIFICATIF TECHNIQUE 1

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

Page 9, Table 1

Replace the line in the table pertaining to the symbol $f_{H\beta 6}$ and its description with the following:

$f_{H\beta 5}$	tolerance on helix slope deviation for ISO accuracy grade 5	µm

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Page 39, 6.5.2

Add the following instruction immediately below Table 7:

To use Table 7, consider the worst accuracy grade between pinion and gear.

Page 52, 7.5.2.3

Replace Equation (53) with the following:

$$F_{\beta x} = \left|1{,}33\ B_1 f_{sh} - f_{H\beta 5}\right|;\ F_{\beta x} \geqslant F_{\beta x min}$$

Page 66, 8.3.5.1

Replace Equation (75) with the following:

$$y_\alpha = \frac{160}{\sigma_{H\,lim}} f_{pb}$$

Page 73, 9.3.1.4

Replace Equation (86) with the following:

$$C_B = [1{,}0 + 0{,}5\left(1{,}2 - h_{fP}/m_n\right)]\,[1{,}0 - 0{,}02\left(20° - \alpha_{Pn}\right)]$$

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