



SLOVENSKI STANDARD
SIST ISO 6336-1:2002/TC 1:2002
01-julij-2002

Priloga k slovenski standardu SIST ISO 6336-1:2002/TC 1:2002, ki je istovetna s standardom ISO 6336-1:1996/Cor 1:1998.

Calculation of load capacity of spur and helical gears — Part 1: Basic principles, introduction and general influence factors - TECHNICAL CORRIGENDUM 1

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Ta slovenski standard je istoveten z: **ISO 6336-1:1996/Cor 1:1998**

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ICS:

21.200 Gonila Gears

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INTERNATIONAL STANDARD ISO 6336-1:1996
TECHNICAL CORRIGENDUM 1

Published 1998-10-15

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

**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

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Technical Corrigendum 1 to International Standard ISO 6336-1:1996 was prepared by Technical Committee ISO/TC 60, Gears, Subcommittee SC 2, Gear capacity calculation.

Page 48, subclause 7.6.1

In list item a), amend the first sentence to read as follows:

"..., positioned symmetrically between bearings ($s/l \leq 0,1$, see figure 16)."

Page 49, footnote 9)

Amend the first sentence to read as follows:

"..., i.e. gap width small compared to the facewidth [$(B - 2b_B) \leq 0,5b_B$]."

ICS 21.200

Ref. No. ISO 6336-1:1996/Cor.1:1998(E)

Descriptors: gears, cylindrical gears, spur gears, helical gears, load capacity, rules of calculation, generalities.

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Printed in Switzerland

Page 57, Figure 16 c)

Amend the limit on s/l to read as follows:

"with $s/l \leq 0,3$ "

Page 77, Table 6

Replace the existing table with the following:

Table 7 — Transverse load factors $K_{H\alpha}$ and $K_{F\alpha}$ determined by method C

Specific Loading ($F_t K_A$) / b			> 100 N/mm					≤ 100 N/mm
			6	7	8	9	10	11-12
Gear accuracy grade (conforming to ISO 1328-1)	Spur gearing	$K_{H\alpha}$	1,0		1,1	1,2	$1/Z_\epsilon^2 \geq 1,2$	
		$K_{F\alpha}$	1,0		1,1	1,2	$1/Y_\epsilon \geq 1,2$	
	Helical gearing	$K_{H\alpha}$	1,0	1,1 **)	1,2	1,4	$\epsilon_\alpha / \cos^2 \beta_b \geq 1,4$ *)	
		$K_{F\alpha}$	1,0	1,1 **)	1,2	1,4	$\epsilon_\alpha / \cos^2 \beta_b \geq 1,4$ *)	
Not hardened nor nitrided nor carburized	Spur gearing	$K_{H\alpha}$	1,0		1,1	1,2	$1/Z_\epsilon^2 \geq 1,2$	
		$K_{F\alpha}$	1,0		1,1	1,2	$1/Y_\epsilon \geq 1,2$	
	Helical gearing	$K_{H\alpha}$	1,0	1,1	1,2	1,4	$e_\alpha / \cos^2 \beta_b \geq 1,4$ *)	
		$K_{F\alpha}$	1,0	1,1	1,2	1,4	$e_\alpha / \cos^2 \beta_b \geq 1,4$ *)	
*) See note 10 in 8.3.4								
**) For modified profiles which accounts for distortion caused with load $K_{H\alpha} = K_{F\alpha} = 1,0$								

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