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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 3480.6-2026

Replacing GB/T 3480.6-2018

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

直齿轮和斜齿轮承载能力计算 第6部分：变载荷条件下的使用寿命计算

(English Translation)

Issued on: October 30, 2026 **Implemented on: May 1, 2027**

Issued by: State Administration for Market Regulation;
Standardization Administration of China

Preview: page 1 of 3 shown, full document available. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-3480-6-2026

Table of Contents

[Preview only]
1 Scope
2 Normative References
2.1 Terms
2.2 Symbols
3 Terms and Definitions

1 Foreword

GB/T 3480.6-2026 was issued by State Administration for Market Regulation; Standardization Administration of China on 30 October 2026 and takes effect on 1 May 2027.

It replaces the earlier edition GB/T 3480.6-2018.

It is one of 7 parts of the GB/T 3480 series.

2 Scope Preview

GB/T 3480.6-2026 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 76,457 other GB/T standards.

Of the 47,415 GB/T standards that do carry an ICS number, 3,437 (7%) fall under ICS 77, in the field of metallurgy.

3 About this standard

Issued by: State Administration for Market Regulation; Standardization Administration of China

4 Related standards

Other parts of this standard:

GB/T 3480-1997 - Calculation of load capacity of spur and helical gears -- Part 1: Basic principles, introduction and general influence factors

GB/T 3480.1-2019 - Calculation of load capacity of spur and helical gears -- Part 1: Basic principles, introduction and general influence factors

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GB/T 3480.2-2021 - Calculation of load capacity of spur and helical gears - Part 2: Calculation of surface durability(pitting)

GB/T 3480.3-2021 - Calculation of load capacity of spur and helical gears - Part 3: Calculation of tooth bending strength

GB/T 3480.5-2008 - Calculation of load capacity of spur and helical gears - Part 5: Strength and quality of materials

GB/T 3480.5-2021 - Calculation of load capacity of spur and helical gears - Part 5: Strength and quality of materials

Other editions:

GB/T 3480.6-2018 (earlier edition)

5 Classification and status

Prefix GB/T: recommended standard.

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