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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 15758-2008

Replacing GB/T 15758-1995

Basic terminology of spline

花键基本术语

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Table of Contents

Foreword	I
1 Scope	1
General terms 1	2
4 Tooth profile	8
5 Basic parameters	9
6 And diameter of a circle	11
7 With	12
8 Error tolerances and measured	14
Chinese index	18

Foreword

This standard is GB/T 15758-1995 "spline basic terms" amendments.

This standard and GB/T 15758-1995 compared to the main changes are as follows.

--- 2.3 Cancel "inside and outside" the word;

--- 2.9 "cylindrical surface and the end tooth spline" to "end the cylindrical surface or spline tooth";

--- 2.21 in the "internal and external spline" to "two spline" will "(with toothed margin part)" is replaced

"(With toothed margin)";

--- 6.5 in the "pressure angle design value" to "pressure angle as the standard value";

--- 7.2.4 Cancel "actually measured";

--- 7.2.8 Cancel "actually measured";

--- Remove the center line in Figure 1, modifying 13, 14 in the addendum arc, both ends of the parallel;

--- 25 increase in two parallel lines and a cone prime dotted line;

--- 32 and 7.3.2 of the "Combined length" to "suit the length."

This standard by the National Standardization Technical Committee axis machines and accessories and focal points.

This standard was drafted. the machine Productivity Promotion Center, Harbin Dongan

Engine Manufacturing Company, sprocket Plant in Shijiazhuang, China's second heavy Mechanical Corporation, Taiyuan Heavy Industry Co., Ltd.

The main drafters of this Standard. Chui Ming new, Chang Po India, Xuwen Jiang, Tan Ren Wan, SOIL AND Deng Takami.

This standard replaces the standards previously issued as follows.

1 Scope

This standard specifies basic terms and their definitions splines.

This standard applies to rectangular, involute and spline end teeth, splines can also refer to other use.

On twenty equally spaced and the same number of teeth of the spline teeth interconnected and pass coaxial coupling member torque or motion. See Figure 1.

2.2 Spline coupling the two coupling members collectively.

2.3

Interconnected pair of splines.

2.4 Serration inner cylinder (or inner cone) splined on the surface.

2.5

The teeth of the outer cylinder (or outer cone) spline surface.