UDC 621.824:621.753.1

JIS

JAPANESE INDUSTRIAL STANDARD

Straight-sided splines for cylindrical shafts with internal centering—Dimensions, tolerances and verification

JIS B 1601–1996

Translated and Published

by

Japanese Standards Association

Printed in Japan

In the event of any doubt arising,
the original Standard in Japanese is to be final authority

Errata for JIS (English edition) are printed in *Standardization Journal*, published monthly by the Japanese Standards Association.

Errata will be provided upon request, please contact:
Business Department,
Japanese Standards Association
4-1-24, Akasaka, Minato-ku,
Tokyo, JAPAN 107
TEL. 03-3583-8002
FAX. 03-3583-0462

Errata are also provided to subscribers of JIS (English edition) in *Monthly Information*.

UDC 621.824:621.753.1

JAPANESE INDUSTRIAL STANDARD J I S

Straight-sided splines for cylindrical shafts with internal centering —Dimensions, tolerances and verification

B 1601-1996

Preface

This Japanese Industrial Standard has described based on ISO 14-1982, 2nd edition (Straight-sided splines for cylindrical shafts with internal centering—Dimensions, tolerances and verification) without any alteration in the technical contents. In addition, the irreducible minimum of necessary items was collected from the former Standard R 1601-1976 and transferred to Annex.

"Informative references" underlined (dotted lines) in the text of this Standard are those not prescribed in the original International Standard.

1. Scope and field of application This Standard lays down dimensions, in millimeters, of straight-sided splines for cylindrical shafts with internal centering, light series and medium series.

This Standard also specifies control methods and corresponding gauges.

Informative reference: This Standard refers to the following International Standards.

ISO/R 1938:	1971 ISO system of limits and fits—Part II: Inspection of plain workpieces
ISO 3670	Blanks for plug gauges and handles (taper lock and trilock) and ring gauges—Design and general dimensions

2. Dimensions The nominal dimensions common to shaft and hub, d, D and B are given in Table 1.

3. Designation The profile of a splined shaft or hub shall be designated by stating, in the following order: the number of splines N, the minor diameter d and the outside diameter D, these three numbers being separated by the sign ×.

Example: Shaft (or hub) 6×23×26