

JIS

JAPANESE INDUSTRIAL STANDARD

**Grooved pulleys
for narrow V-belts**

JIS B 1855—1991

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by

Japanese Standards Association

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

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1. Scope

This Japanese Industrial Standard specifies the narrow V-pulleys used for the narrow V-belts specified in JIS K 6368 (hereafter referred to as "V-pulleys").

Remarks 1. The qualities, shapes and dimensions of grooved part and datum diameters of the ISO-type narrow V-pulleys specified in ISO 4183-1989 are specified in Annex.

2. The applicable standards to this Standard are as given in the following:

JIS B 0405-General Tolerances - Part 1: Tolerances for Linear and Angular Dimensions Without Individual Tolerance Indications

JIS B 0407-Permissible Deviations in Dimensions Without Tolerance Indication for Iron Castings

JIS B 7503-Dial Gauges Reading in 0.01 mm

JIS G 5501-Grey Iron Castings

JIS G 5502-Spheroidal Graphite Iron Castings

JIS K 6368-Narrow V Belts for Power Transmission

3. The corresponding International Standard to this Standard is given in the following:

ISO 4183-1989 Belt drives - Classical and narrow V-belts - Grooved pulleys (system based on datum width)

2. Types

The types of V-pulleys shall be as given in Table 1, according to the types of corresponding V-belts and number of grooves.

Table 1. Types of V-pulleys

Type of V-belt	Number of grooves							
	1	2	3	4	5	6	8	10
3V	3V1	3V2	3V3	3V4	3V5	3V6	—	—
5V	—	5V2	5V3	5V4	5V5	5V6	5V8	5V10
8V	—	—	—	8V4	—	8V6	8V8	8V10