

JIS

JAPANESE INDUSTRIAL STANDARD

Grooved Pulleys for Classical V-belts

JIS B 1854^{—1987}

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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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Grooved Pulleys for Classical
V-belts

B 1854-1987

1. Scope

This Japanese Industrial Standard specifies the classical V-pulley using V-belts specified in JIS K 6323, hereinafter referred to as the "V-pulley". However, those which use V-belts corresponding to M type, D type and E type specified in JIS K 6323, are specified for the shapes and dimensions of grooved parts only.

The shapes, dimensions and datum diameters of grooved parts of ISO type classical V-pulleys specified in JIS K 6323 are specified in Appendix.

2. Types

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

Table 1. Types of V-pulley

Type of V-belts	Number of grooves					
	1	2	3	4	5	6
A	A 1	A 2	A 3	—	—	—
B	B 1	B 2	B 3	B 4	B 5	—
C	—	—	C 3	C 4	C 5	C 6

3. Material

The material to be used for the V-pulley shall be class 3 (FC 20) of JIS G 5501 or grey cast iron at least equal to it in quality.

Applicable Standards:

JIS B 0405-Permissible Machining Deviations in Dimensions without
Tolerance Indication

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 K 6323-V Belts for Power Transmission

Corresponding International Standard:

ISO 4183 Grooved pulleys for classical and narrow V-belts