

JIS

JAPANESE INDUSTRIAL STANDARD

**Flexible shafts for speedometers
and tachographs of automobiles**

JIS D 5602^{—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.

JAPANESE INDUSTRIAL STANDARD J I S
Flexible shafts for speedometers and tachographs of automobiles D 5602-1991

1. Scope

This Japanese Industrial Standard specifies the flexible shafts to be used for the driving of the speedometers and tachographs of automobiles (hereafter referred to as the "flexible shafts"). Speedometer and tachograph are referred (hereafter to as the "meters").

Remarks: Applicable Standards to this Standard are as follows:

JIS D 0201-General Rules of Electroplating for Automobile Parts

JIS D 0203-Method of Moisture, Rain and Spray Test for Automobile Parts

JIS D 0204-Method of High and Low Temperature Test for Automobile Parts

JIS D 1601-Vibration Testing Methods for Automobile Parts

JIS Z 8703-Standard Atmospheric Conditions for Testing

2. Classification

The classification of meter side attaching part, driving side attaching part and driving side key of flexible shaft shall be divided as shown in Tables 1 to 3 according to the shapes.

And the classification of flexible shaft shall be divided as shown in Table 4 according to the combination of the above-mentioned types. Where it is impossible to meet Table 4, the classification in Tables 1 to 3 can be combined at option.

Table 1. Classification of meter side attaching part

Classification (symbol)	Shape	Reference figure
A	Screw type M 12 × 1.0	Attached Fig. 1.1
B ₁	Plug in type φ16.1	Attached Fig. 1.2 (1)
B ₂		Attached Fig. 1.2 (2)
B ₃		Attached Fig. 1.2 (3)
B ₄		Attached Fig. 1.2 (4)
C	Slot in type φ16.1	Attached Fig. 1.3
D	Slot in type φ19.0	Attached Fig. 1.4
E ₁	Slot in type φ19.5	Attached Fig. 1.5 (1)
E ₂		Attached Fig. 1.5 (2)
E ₃		Attached Fig. 1.5 (3)
E ₄		Attached Fig. 1.5 (4)