

JIS

JAPANESE INDUSTRIAL STANDARD

**Leads for pencils, coloured pencils
and mechanical pencils**

 **JIS S 6005**—1996

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

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Leads for pencils, coloured pencils and
mechanical pencils

S 6005-1996

1. Scope This Japanese Industrial Standard specifies leads used for pencils and coloured pencils specified in JIS S 6006 (hereafter referred to as "leads for pencils and coloured pencils"); and leads and coloured leads used for mechanical pencils specified in JIS S 6013 (hereafter referred to as "leads for mechanical pencils" and as "coloured leads for mechanical pencils" respectively).

Remarks 1. The standards cited in this Standard are shown in Attached Table 1.

2. The following are the International Standards corresponding to this Standard :

ISO/DIS 8124-3.2 Safety of toys – Part 3 : Migration of certain elements

ISO 9177-2 : 1989 Mechanical pencils – Part 2 : Black leads – Classification and dimensions

ISO 9177-3 : 1994 Mechanical pencils – Part 3 : Black leads – Bending strengths of HB leads

ISO 9180 : 1988 Black leads for wood-cased pencils – Classification and diameters

2. Classification Classification of leads shall be as given in Table 1 and Table 2.

Table 1. Classification of leads for pencils and coloured pencils

Classification	Density symbol	Hardness	Remarks
Leads for pencil	9H, 8H, 7H, 6H, 5H, 4H, 3H, 2H, H, F, HB, B, 2B, 3B, 4B, 5B, 6B	–	Leads for pencils to be mainly used for general writing, technical drawing and drawing
Leads for coloured pencil	–	Hard	Leads for coloured pencils to be mainly used for graphing and technical drawing
		Medium hard	Leads for coloured pencils to be mainly used for general writing and drawing
		Soft	Leads for coloured pencils to be mainly used for drawing on pottery, metals and plastics