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**Pencils, coloured pencils and leads for
them**

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Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
3.1 Pencil and black lead	2
3.2 Coloured pencil and coloured lead	3
4 Classification	3
5 Colour names of coloured pencils and coloured leads	3
6 Quality	4
6.1 Pencils and coloured pencils	4
6.2 Black leads and coloured leads	5
7 Dimensions	7
7.1 Pencils and coloured pencils	7
7.2 Black leads and coloured leads	7
8 Test methods	7
8.1 Test condition	7
8.2 Rounding of numbers	7
8.3 Slip resistance test of lead	7
8.4 Bend of casing	8
8.5 Eccentricity of lead	8
8.6 Bending strength	8
8.7 Hardness of black lead	9
8.8 Harmful substances	11
8.9 Chromaticity	13
8.10 Light fastness	15
8.11 Dimensions	15
9 Inspection	16
9.1 Type inspection	16
9.2 Delivery inspection	16
10 Marking	16
10.1 Pencils and coloured pencils	16
10.2 Black leads and coloured leads	17
Annex JA (informative) Examples of line drawing device	18
Annex JB (informative) Comparison table between JIS and corresponding	

International Standard 20

Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Writing Instruments Manufacturers Association (JWIMA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied *mutatis mutandis* pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS S 6006:2013**), which has been technically revised.

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Pencils, coloured pencils and leads for them

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 9180** : 1988, Edition 1, by incorporating the parts corresponding to this Standard (terms and definitions, classification, and dimensions) without any modifications of the technical contents, but also adding some contents unique to **JIS**.

The vertical lines on both sides and dotted underlines indicate additions to the corresponding International Standard. Annex JA is a content unique to **JIS** and not provided in the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies requirements for pencils and coloured pencils used mainly for general writing, drafting, and drawing, as well as requirements for leads for these pencils (hereafter referred to black leads and coloured leads, respectively). Special coloured pencils such as those for water colour use are outside the scope of this Standard.

This Standard also applies to products combining pencils and coloured pencils, or combining coloured pencils of different colours.

NOTE The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 9180 : 1988 *Black leads for wood-cased pencils — Classification and diameters* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 7502 *Micrometers*

JIS B 7503 *Mechanical dial gauges*

JIS B 7507 *Vernier, dial and digital callipers*

JIS B 7516 *Metal rules*

JIS K 0050 *General rules for chemical analysis*

JIS K 0116 *General rules for atomic emission spectrometry*