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Leads for mechanical pencils

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In the event of any doubts arising as to the contents, the original JIS is to be the final authority.

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### **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 the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS S 6005**:2013 is replaced with this Standard.

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# Leads for mechanical pencils

JIS S 6005: 2019

#### Introduction

This Japanese Industrial Standard has been prepared based on **ISO/FDIS 20318-2** registered in 2018 without any modifications of its technical contents, but also incorporating requirements that are unique to **JIS**, namely, those regarding colour leads and harmful substances.

The vertical lines on both sides and dotted underlines indicate additions to the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

### 1 Scope

This Standard specifies requirements for black leads and colour leads used for mechanical pencils as specified in **JIS S 6013** (hereafter referred to as black leads and colour leads, respectively).

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

ISO/FDIS 20318-2:2018 Mechanical pencils and leads for general use—Classification, dimensions, quality and test methods—Part 2: Black leads (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 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
JIS K 0121	General rules for atomic absorption spectrometry
JIS K 8180	Hydrochloric acid (Reagent)
JIS L 0801	General principles of testing methods for colour fastness
JIS L 0804	Grey scale for assessing change in colour
JIS L 0841	Test methods for colour fastness to daylight
JIS L 0842	Test methods for colour fastness to enclosed carbon arc lamp light