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Method of spark test for steels

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Contents

		Page
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Form and designations of spark	1
5	Instruments for test	2
6	Standard specimens	2
7	Test method	2
7.1	Test method general	2
7.2	Steel grade estimation test	3
7.3	Foreign materials discrimination test	3
8	Criteria for steel grade estimation	4
8.1	Steel grade estimation method	4
8.2	Procedure for steel grade estimation	7
9	Steel grades impossible or difficult to discriminate by spark test	8
10	Safety	8
Annex A (informative)	Chart examples of spark produced from carbon steels	11
Annex B (informative)	Chart examples of spark produced from alloy steels	15
Annex C (informative)	Chart examples of spark produced from carburized layer and nitrided layer	26

Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry based on the provision of Article 14, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act in response to a proposal for revision of Japanese Industrial Standard with a draft being attached, submitted by The Japan Iron and Steel Federation (JISF), an accredited standards development organization. This edition replaces the previous edition (**JIS G 0566** : 1980), which has been technically revised.

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Method of spark test for steels

1 Scope

This Japanese Industrial Standard specifies the method of spark test using a grinder (hereafter referred to as the test) on steel ingots, steel billets, steel products and other products made of steel (hereafter referred to as the test specimens) to estimate the steel grades or to discriminate foreign materials.

2 Normative references

Part or all of the provisions of the following standards, 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 G 0202 *Glossary of terms used in iron and steel (Testing)*

JIS G 0203 *Glossary of terms used in iron and steel (Products and quality)*

JIS G 0320 *Standard test method for heat analysis of steel products*

JIS G 0321 *Product analysis and its tolerance for wrought steel*

JIS R 6210 *Vitrified grinding wheels*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS G 0202** and **JIS G 0203** apply.

4 Form and designations of spark

The form and designations of spark shall be as shown in Figure 1.

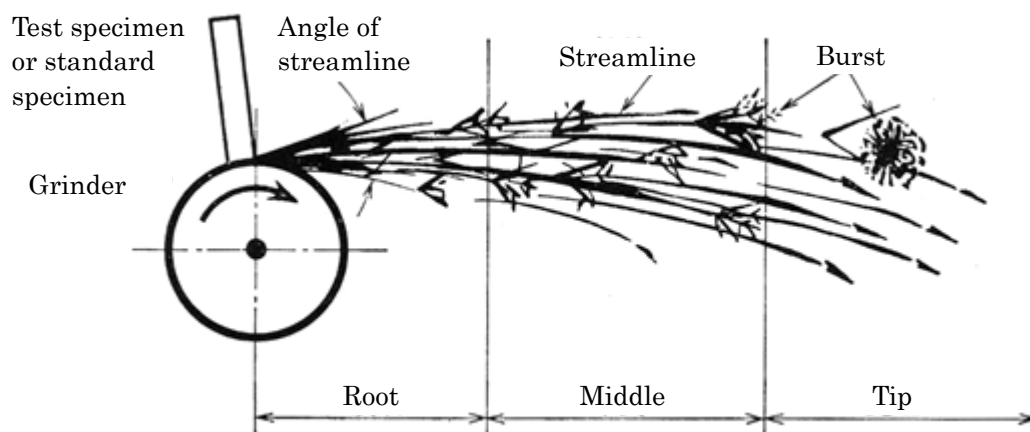


Figure 1 Form and designations of spark