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Steel tubes for machine structure with specified hardenability bands

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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 The Japan Iron and Steel Federation (JISF) 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 G 3479: 2016), which has been technically revised.

However, **JIS G 3479**: 2016 may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 19 May 2022.

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Steel tubes for machine structure with specified hardenability bands

JIS G 3479: 2021

1 Scope

This Japanese Industrial Standard specifies the requirements for the steel tubes for machine structure with specified hardenability bands used mainly for machine parts (hereafter referred to as tubes).

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.

$\rm JIS~G~0201$	Glossary of terms used in iron and steel (Heat treatment)
$\rm JIS~G~0202$	Glossary of terms used in iron and steel (Testing)
$\rm JIS~G~0203$	Glossary of terms used in iron and steel (Products and quality)
$\rm JIS~G~0320$	Standard test method for heat analysis of steel products
JIS G 0321	Product analysis and its tolerance for wrought steel
JIS G 0404	Steel and steel products — General technical delivery requirements
JIS G 0415	Steel and steel products — Inspection documents
$\rm JIS~G~0551$	Steels — Micrographic determination of the apparent grain size
JIS G 0561	Method of hardenability test for steel (End quenching method)

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS G 0201**, **JIS G 0202** and **JIS G 0203** apply.

4 Symbol of grade

The tubes shall be classified into 24 grades, and their symbols shall be as given in Table 1.