

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS G 3465 : 2014

(JISF)

Seamless steel tubes for drilling

ICS 73.100.30;77.140.75

Reference number : JIS G 3465 : 2014 (E)

PROTECTED BY COPYRIGHT

7 5

G 3465 : 2014

Date of Establishment: 1962-03-01

Date of Revision: 2014-02-20

Date of Public Notice in Official Gazette: 2014-02-20

Investigated by: Japanese Industrial Standards Committee
Standards Board
Technical Committee on Iron and Steel

JIS G 3465 : 2014, First English edition published in 2015-01

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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

© JSA 2015

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

KA/HN

PROTECTED BY COPYRIGHT

Contents

| | | Page |
|------|---|------|
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Classification and symbols | 1 |
| 4 | Manufacturing method | 2 |
| 5 | Chemical composition | 2 |
| 6 | Mechanical properties | 2 |
| 7 | Dimensions, mass and dimensional tolerances | 3 |
| 7.1 | Dimensions and unit mass | 3 |
| 7.2 | Dimensional tolerances | 4 |
| 8 | Appearance | 5 |
| 9 | Tests | 6 |
| 9.1 | Chemical analysis | 6 |
| 9.2 | Mechanical test | 6 |
| 9.3 | Other tests | 6 |
| 10 | Inspection | 7 |
| 10.1 | Inspection | 7 |
| 10.2 | Reinspection | 7 |
| 11 | Marking | 7 |
| 12 | Report | 7 |

Foreword

This translation has been made based on the original Japanese Industrial Standard 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 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 G 3465: 2006** is replaced with this Standard.

This **JIS** document is protected by the Copyright Law.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

Seamless steel tubes for drilling

1 Scope

This Japanese Industrial Standard specifies the seamless steel tubes used in casing tubes, core tubes and drill rods for drilling (hereafter referred to as “tubes”), which are used for test-drilling or drilling of hot springs, wells or mines, etc. This Standard is usually applicable to those of 43 mm to 142 mm in outside diameter for casing tubes, 34 mm to 180 mm in outside diameter for core tubes and 33.5 mm to 50 mm in outside diameter for drill rods.

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

JIS G 0404 *Steel and steel products — General technical delivery requirements*

JIS G 0415 *Steel and steel products — Inspection documents*

JIS Z 2241 *Metallic materials — Tensile testing — Method of test at room temperature*

JIS Z 8401 *Guide to the rounding of numbers*

3 Classification and symbols

Tubes shall be classified into six classes, and the class symbols and the symbols for manufacturing method shall be as given in table 1.

Table 1 Class symbol and symbol expressing manufacturing method

| Class symbol | Symbol expressing manufacturing method | | Marking of symbol expressing manufacturing method | Application |
|--------------|--|---------------------------------------|---|------------------|
| | Tube manufacturing method | Finishing method | | |
| STM-C540 | Seamless : S | Hot finished : H Cold finished : C | Clause 11 b) | For casing tubes |
| STM-C640 | | | | For core tubes |
| STM-R590 | | | | For drill rods |
| STM-R690 | | | | |
| STM-R780 | | | | |
| STM-R830 | | | | |