



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS Z 3332 : 1999

Filler rods and solid wires for
TIG welding of 9 % nickel steel

ICS 25.160.20

Descriptors : gas tungsten-arc welding, filler wire, welding rods, welding electrodes,
nickel steels

Reference number : JIS Z 3332 : 1999 (E)

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS Z 3332 : 1990** is replaced with **JIS Z 3332 : 1999**.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

This revision employs **JIS Z 3200 : 1999** *Welding consumables—Technical delivery conditions for welding filler metals—Type of product, dimensions, tolerances and marking* as a normative reference.

Date of Establishment: 1985-03-01

Date of Revision: 1999-09-20

Date of Public Notice in Official Gazette: 1999-09-20

Investigated by: Japanese Industrial Standards Committee
Divisional Council on Welding

JIS Z 3332:1999, First English edition published in 2002-05

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents,
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Printed in Japan

Filler rods and solid wires for TIG welding of 9 % nickel steel

1 Scope This Japanese Industrial Standard specifies the high nickel content filler rods and solid wires (hereafter referred to as "rods and wires") to be used for TIG welding of 9 % nickel steel.

2 Normative references The standards given in Attached Table 1 contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards shall be applied.

3 Classification The rods and wires shall be classified according to the chemical composition and as given in Table 1.

Table 1 Classification of rods and wires

Classification of rods and wires
YGT9Ni-1
YGT9Ni-2
YGT9Ni-3

Remarks : The symbols for classification shall be as shown in the following example.

Example : Y GT 9Ni - 1

Chemical composition of wire
For 9 % nickel steel
For TIG welding
Rod and wire

4 Quality

4.1 Appearance The rods and wires shall be in accordance with clause 3 of JIS Z 3200.

4.2 Chemical composition The chemical composition of rods and wires shall be tested according to 7.2 and shall conform to Table 2.