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**JIS H 4670** : 2016

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**Titanium and titanium alloys — Wires and  
wire rods**

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## 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 Titanium Society (JTS)/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 H 4670:2012** is replaced with this Standard.

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# Titanium and titanium alloys — Wires and wire rods

## 1 Scope

This Japanese Industrial Standard specifies titanium or titanium alloy wires and wire rods with circular section (hereafter referred to as “wires” and “wire rods”). Bars obtained by straightening wires or wire rods and then by cutting to a specified length are specified in JIS H 4650, not in this Standard.

## 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 H 0321 *General rules for inspection of non-ferrous metal materials*
- JIS H 1610 *Titanium and titanium alloys — Sampling methods*
- JIS H 1612 *Methods for determination of nitrogen in titanium and titanium alloys*
- JIS H 1614 *Methods for determination of iron in titanium and titanium alloys*
- JIS H 1617 *Methods for determination of carbon in titanium and titanium alloys*
- JIS H 1619 *Titanium and titanium alloys — Determination of hydrogen content*
- JIS H 1620 *Methods for determination of oxygen in titanium and titanium alloys*
- JIS H 1621 *Methods for determination of palladium in titanium alloys*
- JIS H 1622 *Titanium alloys — Methods for determination of aluminium*
- JIS H 1624 *Titanium alloys — Method for determination of vanadium*
- JIS H 1625 *Titanium alloy — Method for determination of lanthanum, cerium, praseodymium and neodymium*
- JIS H 1626 *Titanium alloys — Methods for determination of sulfur*
- JIS H 1630 *Method for atomic emission spectrometric analysis of titanium*
- JIS H 1631 *Titanium alloys — Method for X-ray fluorescence spectrometric analysis*
- JIS H 1632-2 *Titanium — ICP atomic emission spectrometry — Part 2 : Determination of palladium, manganese, iron, magnesium, silicon, aluminium, vanadium, nickel, chromium, tin, copper, molybdenum, zirconium, niobium, tantalum, cobalt and yttrium*
- JIS Z 2241 *Metallic materials — Tensile testing — Method of test at room temperature*