

# *Ferrous Materials & Metallurgy I : Contents*

鉄鋼I : 目次

## Terms

### 用語

|                          |  |     |
|--------------------------|--|-----|
| <b>JIS G 0201</b> : 2000 | Glossary of terms used in iron and steel (Heat treatment) ……       | 21  |
|                          | 鉄鋼用語(熱処理)  |     |
| <b>JIS G 0202</b> : 2013 | Glossary of terms used in iron and steel (Testing) ……              | 89  |
|                          | 鉄鋼用語(試験)   |     |
| <b>JIS G 0203</b> : 2009 | Glossary of terms used in iron and steel (Products and quality) …… | 179 |
|                          | 鉄鋼用語(製品及び品質)   |     |

## Qualification and Certification

### 資格及び認証

|                           |  |     |
|---------------------------|--|-----|
| <b>®JIS G 0431</b> : 2021 | Steel products – Employer's qualification system for non-destructive testing (NDT) personnel ……  | 247 |
|                           | 鉄鋼製品の雇用主による非破壊試験技術者の資格付与   |     |
| <b>JIS Q 1001</b> : 2020  | Conformity assessment – Conformity assessment for Japanese Industrial Standards – General guidance on a third-party certification system for products and these processing technology …… | 269 |
|                           | 適合性評価—日本産業規格への適合性の認証—一般認証指針(鋳工業品及びその加工技術)  |     |
| <b>®JIS Q 1013</b> : 2021 | Conformity assessment – Conformity assessment for Japanese Industrial Standards – Guidance on a third-party certification system for steel products ……                                   | 314 |
|                           | 適合性評価—日本産業規格への適合性の認証—分野別認証指針(鉄鋼製品第1部)  |     |
| <b>JIS Z 2305</b> : 2013  | Non-destructive testing – Qualification and certification of NDT personnel ……  | 375 |
|                           | 非破壊試験技術者の資格及び認証  |     |

# Test Methods of Metallic Materials

## 金属材料の試験

|   |                            |   |     |
|---|----------------------------|---|-----|
| ◇ | <b>JIS Z 2241</b> : 2011   | Metallic materials — Tensile testing — Method of test at room temperature .....                 | 413 |
|   |                            | 金属材料引張試験方法  |     |
|   | <b>JIS Z 2242</b> : 2018   | Method for Charpy pendulum impact test of metallic materials...                                 | 485 |
|   |                            | 金属材料のシャルピー衝撃試験方法  |     |
|   | <b>JIS Z 2242</b> : 2020   | Amendment 1(追補1) .....  | 522 |
|   | <b>JIS Z 2244-1</b> : 2020 | Vickers hardness test — Part 1 : Test method .....  | 524 |
|   |                            | ビッカース硬さ試験—第1部：試験方法  |     |
| Ⓡ | <b>JIS Z 2245</b> : 2021   | Rockwell hardness test — Test method .....  | 558 |
|   |                            | ロックウェル硬さ試験—試験方法   |     |
|   | <b>JIS Z 2246</b> : 2000   | Shore hardness test — Test method .....   | 593 |
|   |                            | ショア硬さ試験—試験方法  |     |
|   | <b>JIS Z 2247</b> : 2006   | Method of Erichsen cupping test .....   | 597 |
|   |                            | エリクセン試験方法   |     |
|   | <b>JIS Z 2248</b> : 2006   | Metallic materials — Bend test .....  | 605 |
|   |                            | 金属材料曲げ試験方法  |     |
|   | <b>JIS Z 2248</b> : 2014   | Amendment 1(追補1) .....  | 621 |
|   | <b>JIS Z 2249</b> : 2010   | Method of conical cup test .....  | 623 |
|   |                            | コニカルカップ試験方法   |     |
|   | <b>JIS Z 2251-1</b> : 2020 | Knoop hardness test — Part 1 : Test method .....  | 628 |
|   |                            | ヌーブ硬さ試験—第1部：試験方法  |     |
|   | <b>JIS Z 2253</b> : 2020   | Metallic materials — Sheet and strip — Determination of tensile strain hardening exponent ..... | 656 |
|   |                            | 薄板金属材料の加工硬化指数試験方法   |     |
| Ⓡ | <b>JIS Z 2254</b> : 2021   | Metallic materials — Sheet and strip — Determination of plastic strain ratio .....              | 666 |
|   |                            | 薄板金属材料の塑性ひずみ比試験方法   |     |
|   | <b>JIS Z 2256</b> : 2020   | Metallic materials — Hole expanding test .....  | 694 |
|   |                            | 金属材料の穴広げ試験方法  |     |
|   | <b>JIS Z 2271</b> : 2010   | Metallic materials — Uniaxial creep testing in tension — Method of test .....                   | 704 |
|   |                            | 金属材料のクリープ及びクリープ破断試験方法   |     |
|   | <b>JIS Z 2271</b> : 2019   | Amendment 1(追補1)  |     |
|   |                            |   |     |
|   | <b>JIS Z 2276</b> : 2012   | Method of tensile stress relaxation test for metallic materials...                              | 752 |
|   |                            | 金属材料の引張りラクセーション試験方法   |     |

Omission  
省略

|                            |  |     |
|----------------------------|--|-----|
| <b>JIS Z 2316-1</b> : 2014 | Non-destructive testing — Eddy current testing — Part 1 :<br>General principles  | 769 |
|                            | 非破壊試験—渦電流試験—第1部：一般通則   |     |
| <b>JIS Z 2319</b> : 2018   | Methods for magnetic flux leakage testing  | 780 |
|                            | 漏えい(洩)磁束探傷試験方法   |     |
| <b>JIS Z 2320-1</b> : 2017 | Non-destructive testing — Magnetic particle testing — Part 1 :<br>General principles   | 792 |
|                            | 非破壊試験—磁粉探傷試験—第1部：一般通則  |     |
| <b>JIS Z 2320-2</b> : 2017 | Non-destructive testing — Magnetic particle testing — Part 2 :<br>Detection media  | 825 |
|                            | 非破壊試験—磁粉探傷試験—第2部：検出媒体  |     |
| <b>JIS Z 2320-3</b> : 2017 | Non-destructive testing — Magnetic particle testing — Part 3 :<br>Equipment  | 855 |
|                            | 非破壊試験—磁粉探傷試験—第3部：装置  |     |
| <b>JIS Z 2343-1</b> : 2017 | Non-destructive testing — Penetrant testing — Part 1 :<br>General principles — Method for liquid penetrant testing and<br>classification of the penetrant indication | 870 |
|                            | 非破壊試験—浸透探傷試験—第1部：一般通則：浸透探傷試験方法及び浸透指示模様分類   |     |
| <b>JIS Z 2344</b> : 1993   | General rule of ultrasonic testing of metals by pulse echo<br>technique  | 896 |
|                            | 金属材料のパルス反射法による超音波探傷試験方法通則  |     |
| <b>JIS Z 2345-1</b> : 2018 | Standard test blocks for ultrasonic testing — Part 1 : A1<br>Standard Test Block   | 909 |
|                            | 超音波探傷試験用標準試験片—第1部：A1形標準試験片   |     |
| <b>JIS Z 2345-2</b> : 2018 | Standard test blocks for ultrasonic testing — Part 2 : A7963<br>Standard Test Block  | 925 |
|                            | 超音波探傷試験用標準試験片—第2部：A7963形標準試験片  |     |
| <b>JIS Z 2345-3</b> : 2018 | Standard test blocks for ultrasonic testing — Part 3 : Standard<br>test blocks for normal ultrasonic testing   | 942 |
|                            | 超音波探傷試験用標準試験片—第3部：垂直探傷試験用標準試験片   |     |
| <b>JIS Z 2345-4</b> : 2018 | Standard test blocks for ultrasonic testing — Part 4 : Standard<br>test blocks for angle beam ultrasonic testing   | 954 |
|                            | 超音波探傷試験用標準試験片—第4部：斜角探傷試験用標準試験片   |     |
| <b>JIS Z 2355-1</b> : 2016 | Non-destructive testing — Ultrasonic thickness measurement<br>— Part 1 : Measurement method  | 972 |
|                            | 非破壊試験—超音波厚さ測定—第1部：測定方法   |     |

|                            |  |      |
|----------------------------|--|------|
| <b>JIS Z 2355-2</b> : 2016 | Non-destructive testing — Ultrasonic thickness measurement<br>— Part 2 : Method for evaluating performance characteristics<br>of ultrasonic thickness measuring equipment ······ | 1027 |
|                            | 非破壊試験—超音波厚さ測定—第2部：厚さ計の性能測定方法   |      |
| <b>JIS Z 2356</b> : 2006   | Method of automatic ultrasonic inspection for graphite ingot ···   | 1057 |
|                            | 黒鉛素材の超音波自動探傷検査方法   |      |
| <b>JIS Z 2371</b> : 2015   | Methods of salt spray testing ······   | 1082 |
|                            | 塩水噴霧試験方法   |      |

## Test Methods of Steel

### 鉄鋼材料の試験

|                          |   |      |
|--------------------------|---|------|
| <b>JIS G 0306</b> : 1988 | Steel forgings — General technical requirements ······  | 1137 |
|                          | 鍛鋼品の製造，試験及び検査の通則  |      |
| <b>JIS G 0306</b> : 2009 | Amendment 1 (追補1) ······  | 1163 |
| <b>JIS G 0307</b> : 2014 | Steel castings — General technical delivery requirements ·····  | 1165 |
|                          | 鋳鋼品の製造，試験及び検査の通則  |      |
| <b>JIS G 0320</b> : 2009 | Standard test method for heat analysis of steel products ······   | 1202 |
|                          | 鋼材の溶鋼分析方法   |      |
| <b>JIS G 0320</b> : 2015 | Amendment 1 (追補1) ······  | 1207 |
| <b>JIS G 0320</b> : 2017 | Amendment 2 (追補2) ······  | 1212 |
| <b>JIS G 0321</b> : 2017 | Product analysis and its tolerance for wrought steel ······   | 1213 |
|                          | 鋼材の製品分析方法及びその許容変動値  |      |
| <b>JIS G 0404</b> : 2014 | Steel and steel products — General technical delivery<br>requirements ······                                    | 1224 |
|                          | 鋼材の一般受渡し条件  |      |
| <b>JIS G 0415</b> : 2014 | Steel and steel products — Inspection documents ······  | 1245 |
|                          | 鋼及び鋼製品—検査文書   |      |
| <b>JIS G 0416</b> : 2014 | Steel and steel products — Location and preparation of samples<br>and test pieces for mechanical testing ······ | 1253 |
|                          | 鋼及び鋼製品—機械試験用供試材及び試験片の採取位置並び<br>に調製  |      |
| <b>JIS G 0417</b> : 1999 | Steel and iron — Sampling and preparation of samples for<br>the determination of chemical composition ······    | 1275 |
|                          | 鉄及び鋼—化学成分定量用試料の採取及び調製   |      |
| <b>JIS G 0511</b> : 2014 | Stress corrosion cracking testing of metals and alloys using<br>reverse U-bend test method ······               | 1321 |
|                          | 金属及び合金の逆U曲げ試験片を用いた応力腐食割れ試験方法  |      |
| <b>JIS G 0551</b> : 2020 | Steels — Micrographic determination of the apparent grain size ···  | 1345 |
|                          | 鋼—結晶粒度の顕微鏡試験方法  |      |

|                          |  |      |
|--------------------------|--|------|
| <b>JIS G 0553</b> : 2019 | Steel — Macroscopic examination by etching……………  | 1383 |
|                          | 鋼のマクロ組織試験方法  |      |
| <b>JIS G 0555</b> : 2020 | Microscopic testing method for the non-metallic inclusions<br>in steel……………              | 1404 |
|                          | 鋼の非金属介在物の顕微鏡試験方法   |      |
| <b>JIS G 0556</b> : 2014 | Method of macro-streak-flaw test for steel……………  | 1448 |
|                          | 鋼の地きずの肉眼試験方法   |      |
| <b>JIS G 0557</b> : 2019 | Methods of measuring case depth hardened by carburizing<br>treatment for steel……………      | 1465 |
|                          | 鋼の浸炭硬化層深さ測定方法  |      |
| <b>JIS G 0558</b> : 2020 | Steels — Determination of depth of decarburization……………                                  | 1478 |
|                          | 鋼の脱炭層深さ測定方法  |      |
| <b>JIS G 0559</b> : 2019 | Steel — Determination of case depth after flame hardening or<br>induction hardening…………… | 1498 |
|                          | 鋼の炎焼入及び高周波焼入硬化層深さ測定方法  |      |
| <b>JIS G 0560</b> : 2008 | Method of sulphur print for steel……………   | 1512 |
|                          | 鋼のサルファプリント試験方法   |      |
| <b>JIS G 0561</b> : 2020 | Method of hardenability test for steel (End quenching method)…                           | 1522 |
|                          | 鋼の焼入性試験方法(一端焼入方法)  |      |
| <b>JIS G 0562</b> : 1993 | Method of measuring nitrided case depth for iron and steel …                             | 1535 |
|                          | 鉄鋼の窒化層深さ測定方法   |      |
| <b>JIS G 0563</b> : 1993 | Method of measuring surface hardness for nitrided iron and<br>steel……………                 | 1544 |
|                          | 鉄鋼の窒化層表面硬さ測定方法   |      |
| <b>JIS G 0566</b> : 1980 | Method of spark test for steels……………   | 1547 |
|                          | 鋼の火花試験方法   |      |
| <b>JIS G 0567</b> : 2020 | Method of elevated temperature tensile test for steels and<br>heat-resisting alloys…………… | 1571 |
|                          | 鉄鋼材料及び耐熱合金の高温引張試験方法  |      |
| <b>JIS G 0571</b> : 2003 | Method of oxalic acid etching test for stainless steels……………                             | 1592 |
|                          | ステンレス鋼のしゅう酸エッチング試験方法   |      |
| <b>JIS G 0572</b> : 2006 | Method of ferric sulfate-sulfuric acid test for stainless steel …                        | 1598 |
|                          | ステンレス鋼の硫酸・硫酸第二鉄腐食試験方法  |      |
| <b>JIS G 0573</b> : 1999 | Method of 65 per cent nitric acid test for stainless steels……………                         | 1606 |
|                          | ステンレス鋼の65%硝酸腐食試験方法   |      |
| <b>JIS G 0573</b> : 2012 | Amendment 1(追補1)……………  | 1609 |
| <b>JIS G 0575</b> : 1999 | Method of copper sulfate-sulfuric acid test for stainless steels…                        | 1610 |
|                          | ステンレス鋼の硫酸・硫酸銅腐食試験方法  |      |
| <b>JIS G 0575</b> : 2012 | Amendment 1(追補1)……………  | 1618 |

|                            |   |      |
|----------------------------|---|------|
| <b>JIS G 0576</b> : 2001   | Stress corrosion cracking test for stainless steels·····  | 1619 |
|                            | ステンレス鋼の応力腐食割れ試験方法   |      |
| <b>JIS G 0576</b> : 2012   | Amendment 1 (追補 1)·····   | 1626 |
| <b>JIS G 0577</b> : 2014   | Methods of pitting potential measurement for stainless steels···  | 1627 |
|                            | ステンレス鋼の孔食電位測定方法   |      |
| <b>JIS G 0578</b> : 2000   | Method of ferric chloride tests for stainless steels ······   | 1637 |
|                            | ステンレス鋼の塩化第二鉄腐食試験方法  |      |
| <b>JIS G 0578</b> : 2013   | Amendment 1 (追補 1)·····   | 1640 |
| <b>JIS G 0579</b> : 2007   | Method of anodic polarization curves measurement for<br>stainless steels ······                         | 1641 |
|                            | ステンレス鋼のアノード分極曲線測定方法   |      |
| <b>JIS G 0579</b> : 2012   | Amendment 1 (追補 1)·····   | 1650 |
| <b>JIS G 0580</b> : 2003   | Method of electrochemical potentiokinetic reactivation ratio<br>measurement for stainless steels ······ | 1651 |
|                            | ステンレス鋼の電気化学的再活性化率の測定方法  |      |
| <b>JIS G 0581</b> : 1999   | Methods of radiographic examination for steel castings·····   | 1655 |
|                            | 鋳鋼品の放射線透過試験方法   |      |
| <b>JIS G 0582</b> : 2012   | Automated ultrasonic examination of steel pipes and tubes·····  | 1675 |
|                            | 鋼管の自動超音波探傷検査方法  |      |
| <b>JIS G 0582</b> : 2015   | Amendment 1 (追補 1)·····   | 1695 |
| Ⓡ <b>JIS G 0583</b> : 2021 | Automated eddy current examination of steel pipes and tubes···  | 1697 |
|                            | 鋼管の自動渦電流探傷検査方法  |      |
| <b>JIS G 0584</b> : 2014   | Ultrasonic examination for arc welded steel pipes ······  | 1714 |
|                            | アーク溶接鋼管の超音波探傷検査方法   |      |
| <b>JIS G 0585</b> : 2002   | Radiographic inspection for steel castings ······   | 1735 |
|                            | 鋳鋼品の放射線透過検査   |      |
| Ⓡ <b>JIS G 0586</b> : 2021 | Automated flux leakage examination of steel pipes and tubes···  | 1740 |
|                            | 鋼管の自動漏えい(洩)磁束探傷検査方法   |      |
| <b>JIS G 0587</b> : 2007   | Method for ultrasonic examination for carbon steel and low<br>alloy steel forgings ······               | 1754 |
|                            | 炭素鋼鍛鋼品及び低合金鋼鍛鋼品の超音波探傷試験方法   |      |
| <b>JIS G 0588</b> : 1995   | Visual examination and classification of surface quality for<br>steel castings·····                     | 1780 |
|                            | 鋳鋼品鋳肌の外観試験方法及び等級分類  |      |
| <b>JIS G 0589</b> : 2013   | Automated full peripheral ultrasonic thickness examination<br>of steel pipes and tubes·····             | 1801 |
|                            | 鋼管の全周自動超音波厚さ検査方法  |      |
| <b>JIS G 0590</b> : 2005   | Method of critical pitting temperature measurement for<br>stainless steels ······                       | 1813 |
|                            | ステンレス鋼の臨界孔食温度測定方法   |      |

|                            |  |      |
|----------------------------|--|------|
| <b>JIS G 0590</b> : 2013   | Amendment 1 (追補 1).....  | 1823 |
| <b>JIS G 0591</b> : 2000   | Method of sulfuric acid test for stainless steels.....<br>ステンレス鋼の硫酸腐食試験方法  | 1824 |
| <b>JIS G 0591</b> : 2012   | Amendment 1 (追補 1).....  | 1826 |
| <b>JIS G 0592</b> : 2002   | Method of determining the repassivation potential for<br>crevice corrosion of stainless steels.....<br>ステンレス鋼の腐食すきま再不動態化電位測定方法                               | 1827 |
| <b>JIS G 0593</b> : 2002   | Testing method for corrosion and scale inhibition performance<br>of water treatment additives in cooling water system.....<br>水処理剤の腐食及びスケール防止評価試験方法          | 1832 |
| <b>JIS G 0594</b> : 2019   | Methods of accelerated cyclic corrosion tests for surface treated<br>steel sheet.....<br>表面処理鋼板のサイクル腐食促進試験方法   | 1844 |
| <b>JIS G 0595</b> : 2004   | Rating method of rust and stain of atmospheric corrosion for<br>stainless steels.....<br>ステンレス鋼の表面さび発生程度評価方法   | 1868 |
| <b>JIS G 0596</b> : 2010   | Method of corrosion test for stainless steel tube fittings.....<br>ステンレス鋼配管継手の腐食試験方法   | 1879 |
| <b>JIS G 0597</b> : 2017   | Accelerated cyclic corrosion tests with dry and wet conditions<br>at constant absolute humidity for stainless steels.....<br>絶対湿度一定下におけるステンレス鋼の乾湿繰返し促進腐食試験方法 | 1885 |
| <b>JIS G 0602</b> : 1993   | Test methods for vibration-damping property in laminated<br>damping steel sheets of constrained type.....<br>制振鋼板の振動減衰特性試験方法                                 | 1905 |
| <b>JIS G 0701</b> : 1957   | Symbols of forming ratio for steel forging.....<br>鋼材鍛錬作業の鍛錬成形比の表わし方   | 1915 |
| <b>JIS G 0801</b> : 2008   | Ultrasonic testing of steel plates for pressure vessels.....<br>圧力容器用鋼板の超音波探傷検査方法  | 1919 |
| <b>JIS G 0802</b> : 2016   | Ultrasonic testing of stainless steel plates.....<br>ステンレス鋼板の超音波探傷検査方法   | 1946 |
| ® <b>JIS G 0803</b> : 2021 | Radiographic examination with film for the weld seam of<br>welded steel tubes.....<br>溶接鋼管溶接部のフィルム式放射線透過検査方法   | 1975 |
| ® <b>JIS G 0804</b> : 2021 | Digital radiographic examination for the weld seam of<br>welded steel tubes.....<br>溶接鋼管溶接部のデジタル式放射線透過検査方法   | 1996 |
| <b>JIS G 0901</b> : 2010   | Classification of structural rolled steel plate and wide flat for<br>building by ultrasonic test.....<br>建築用鋼板及び平鋼の超音波探傷試験による等級分類及び判                         | 2023 |

定基準

- JIS G 1201** : 2014 Iron and steel — General rules for analytical methods………… 2043  
鉄及び鋼—分析方法通則

## Raw Materials

原材料

- JIS G 2402** : 2015 Aluminium dross for iron and steel making…………<DR, AOX>… 2069  
鉄鋼用アルミニウムドロス
- JIS G 2404** : 2015 Methods for chemical analysis of aluminium dross for iron  
and steel making …………… 2073  
鉄鋼用アルミニウムドロス分析方法

## Carbon and Alloy Steel for Machine Structural Use

機械構造用炭素鋼・合金鋼

- JIS G 4051** : 2016 Carbon steels for machine structural use…<S××C, S××CK>… 2125  
機械構造用炭素鋼鋼材
- JIS G 4051** : 2018 Amendment 1(追補1)…………… 2147
- JIS G 4052** : 2016 Structural steels with specified hardenability bands…………  
……………<SMn××H,  
SMnC××H, SCr××H, SCM××H, SNC××H, SNCM××H> 2149  
焼入性を保証した構造用鋼鋼材(H鋼)
- JIS G 4053** : 2016 Low-alloyed steels for machine structural use ……………  
……………<SMn, SMnC, SCr, SCM, SNC, SNCM, SACM>… 2192  
機械構造用合金鋼鋼材
- JIS G 4053** : 2018 Amendment 1(追補1)…………… 2212

## Steel for Special Purpose

特殊用途鋼

### Stainless steel, heat-resisting steel and super alloy

ステンレス鋼・耐熱鋼・超合金

- ®**JIS G 4303** : 2021 Stainless steel bars ……………<SUS×××·B>… 2217  
ステンレス鋼棒
- ®**JIS G 4304** : 2021 Hot-rolled stainless steel plate, sheet and strip…………  
……………<SUS×××·HP, SUS×××·HS>… 2248  
熱間圧延ステンレス鋼板及び鋼帯



|                    |   |  |      |
|--------------------|---|--|------|
| ®JIS G 4305 : 2021 | Cold-rolled stainless steel plate, sheet and strip      | .....<br>..... <SUSxxx-CP, SUSxxx-CS>...                       | 2286 |
|                    | 冷間圧延ステンレス鋼板及び鋼帯   |  |      |
| JIS G 4308 : 2013  | Stainless steel wire rods                               | ..... <SUSxxx-WR>...   | 2320 |
|                    | ステンレス鋼線材  |  |      |
| JIS G 4309 : 2013  | Stainless steel wires                                   | .....<br>..... <SUSxxx-W, SUSXMxxx-W, SUHxxx-W>...             | 2334 |
|                    | ステンレス鋼線   |  |      |
| JIS G 4311 : 2019  | Heat-resistant steel bars and wire rods                 | .....<br>..... <SUHxxx-B, SUHxxx-CB, SUHxxx-WR>...             | 2348 |
|                    | 耐熱鋼棒及び線材  |  |      |
| JIS G 4312 : 2019  | Heat-resistant steel plate, sheet and strip             | .....<br>..... <SUHxxx-HP, SUHxxx-CP, SUHxxx-HS, SUHxxx-CS>... | 2378 |
|                    | 耐熱鋼板及び鋼帯  |  |      |
| JIS G 4313 : 2011  | Cold rolled stainless steel strip for springs           | .....<br>..... <SUSxxx-CSP>...                                 | 2420 |
|                    | ばね用ステンレス鋼帯  |  |      |
| JIS G 4314 : 2013  | Stainless steel wires for springs                       | ..... <SUSxxx-WP>...   | 2436 |
|                    | ばね用ステンレス鋼線  |  |      |
| JIS G 4315 : 2013  | Stainless steel wires for cold heading and cold forging | .....<br>..... <SUSxxx-WS>...                                  | 2449 |
|                    | 冷間圧造用ステンレス鋼線  |  |      |
| JIS G 4316 : 1991  | Stainless steel wire rods for welding                   | ..... <SUSY>...  | 2462 |
|                    | 溶接用ステンレス鋼線材   |  |      |
| JIS G 4317 : 2018  | Hot-formed stainless steel sections                     | ..... <SUSxxx-HF>...   | 2467 |
|                    | 熱間成形ステンレス鋼形鋼  |  |      |
| JIS G 4318 : 2016  | Cold finished stainless steel bars                      | ..... <SUSxxx-CB>...   | 2497 |
|                    | 冷間仕上ステンレス鋼棒   |  |      |
| JIS G 4319 : 1991  | Stainless steel blooms and billets for forgings         | .....<br>..... <SUSxxx-FB>...                                  | 2511 |
|                    | ステンレス鋼鍛鋼品用鋼片  |  |      |
| JIS G 4320 : 2003  | Cold-formed stainless steel sections                    | ..... <SUSxxx-CF>...   | 2517 |
|                    | 冷間成形ステンレス鋼形鋼  |  |      |
| ◇JIS G 4321 : 2000 | Stainless steel for building structure                  | .....<br>..... <SUSxxx-A, SCSxxx-A-CF>...                      | 2532 |
|                    | 建築構造用ステンレス鋼材  |  |      |
| JIS G 4322 : 2008  | Stainless steel bars for concrete reinforcement         | .....<br>..... <SUSxxx-SD>...                                  | 2557 |
|                    | 鉄筋コンクリート用ステンレス異形棒鋼                                      |  |      |

|                          |   |
|--------------------------|---|
| <b>JIS G 3320</b> : 2016 | Prepainted stainless steel sheet and strip<br>.....<br>.....<SUS×××-C, SUS×××-C-F>... 2567<br>塗装ステンレス鋼板及び鋼帯   |
| <b>JIS G 4901</b> : 1999 | Corrosion-resisting and heat-resisting superalloy bars<br>.....<br>.....<NCF×××-B>... 2584<br>耐食耐熱超合金棒  |
| <b>JIS G 4901</b> : 2008 | Amendment 1(追補1)..... 2596  |
| <b>JIS G 4902</b> : 2019 | Corrosion-resistant and heat-resistant superalloy, nickel and<br>nickel alloy — Plate, sheet and strip.....<br>.....<NCF×××-HP, NCF×××-HS, NCF×××-CP, NCF×××-CS,<br>NW×××-HP, NW×××-HS, NW×××-CP, NW×××-CS>... 2597<br>耐食耐熱超合金, ニッケル及びニッケル合金一板及び帯 |

## Tool steel

### 工具鋼

|                          |   |
|--------------------------|---|
| <b>JIS G 4401</b> : 2009 | Carbon tool steels.....<SK>... 2624<br>炭素工具鋼鋼材            |
| <b>JIS G 4403</b> : 2015 | High speed tool steels .....<SKH>... 2641<br>高速度工具鋼鋼材     |
| <b>JIS G 4404</b> : 2015 | Alloy tool steels .....<SKS, SKD, SKT>... 2658<br>合金工具鋼鋼材 |

## Spring steel

### ばね鋼

|                           |   |
|---------------------------|---|
| <b>®JIS G 4801</b> : 2021 | Spring steels.....<SUP>... 2676<br>ばね鋼鋼材  |
| <b>JIS G 4802</b> : 2019  | Cold-reduced steel strip for springs .....<br>.....<S××C-CSP, SK××-CSP, SUP××-CSP>... 2689<br>ばね用冷間圧延鋼帯 |

## Free-cutting steel

### 快削鋼

|                           |  |
|---------------------------|--|
| <b>®JIS G 4804</b> : 2021 | Free-cutting steels.....<SUM>... 2702<br>硫黄及び硫黄複合快削鋼鋼材 |
|---------------------------|--|

## Bearing steel

### 軸受鋼

|                          |   |
|--------------------------|---|
| <b>JIS G 4805</b> : 2019 | High carbon chromium bearing steels .....<SUJ>... 2712<br>高炭素クロム軸受鋼鋼材 |
|--------------------------|---|

## Clad Steel

### クラッド鋼

|                          |   |      |
|--------------------------|---|------|
| <b>JIS G 0601</b> : 2012 | Testing methods for clad steels.....                    | 2733 |
|                          | クラッド鋼の試験方法  |      |
| <b>JIS G 3601</b> : 2012 | Stainless-clad steels···<R, BR, DR, WR, ER, B, D, W>··· | 2747 |
|                          | ステンレスクラッド鋼  |      |
| <b>JIS G 3602</b> : 2012 | Nickel and nickel alloy clad steels .....               |      |
|                          | ·····<R, BR, DR, WR, ER, B, D, W>···                    | 2757 |
|                          | ニッケル及びニッケル合金クラッド鋼                                       |      |
| <b>JIS G 3603</b> : 2012 | Titanium clad steels····· <R, BR, B>···                 | 2767 |
|                          | チタンクラッド鋼  |      |
| <b>JIS G 3604</b> : 2012 | Copper and copper alloy clad steels·····                |      |
|                          | ·····<R, BR, DR, WR, ER, B, D, W>···                    | 2776 |
|                          | 銅及び銅合金クラッド鋼   |      |