

燁聯鋼鐵

YIEH UNITED STEEL CORP.



■ 以客戶為導向，提供更新、更快、更好的產品與服務，做一個全球頂尖的不銹鋼專業製造服務企業。

■ YUSCO is customer oriented. In order to stand as a leading stainless steel manufacturer, we offer better, faster, and up-to-date products and service to our customers.



CONTENTS

目次

| | | |
|-------------|--|----|
| 公司簡介 | Corporate Overview | 02 |
| 成長的軌跡 | Brief History | 04 |
| 生產流程 | Manufacturing Process | 06 |
| 煉鋼部 | Steelmaking Division | 08 |
| 熱軋部 | Hot Rolling Division | 10 |
| 冷軋部 | Cold Rolling Division | 12 |
| 品質保證 | Quality Assurance | 14 |
| 研究發展 | R & D | 16 |
| 包裝與標示 | Packaging And Labeling | 17 |
| 不銹鋼之應用 | Applications of Stainless Steel | 18 |
| 環境保護 | Environment Protection | 20 |
| 產品規範 | Specifications | 22 |
| 化學成份 | Chemical Composition | 23 |
| 機械性質 | Mechanical Property | 26 |
| 尺寸公差 | Dimensional Tolerances | 29 |
| 可產製尺寸範圍 | Size range | 30 |
| 表面品級 & 訂購須知 | Surface finishes & Information needed for ording | 31 |
| 重量計算 | Weight calculation | 32 |
| 展望、願景 | Vision | 33 |



公司簡介

| Corporate Overview |

■ 燁聯鋼鐵成立於1988年12月，為台灣首座擁有煉鋼、熱軋及冷軋完整製程之一貫作業不銹鋼廠，總投資金額約新台幣400億元，員工人數2,800餘人，在全體員工的努力耕耘下，不銹鋼鋼胚年產能達100萬噸。

除不銹鋼外，燁聯鋼鐵更跨足碳鋼市場，積極生產開發並提供客戶高質量之碳鋼產品。

燁聯鋼鐵已通過ISO 9001品質、ISO 14001環境、ISO 45001職業安全衛生、CNS 45001台灣職業安全衛生ISO 50001能源管理系統及ISO 14064-1溫室氣體盤查等多項認證，並取得多國生產製造專利。

■ Yieh United Steel Corp. (YUSCO) was established in December 1988, and it is the first integrated stainless steel plant in Taiwan that operates complete steelmaking, hot rolling and cold rolling processes with total investment amount of 40 billion New Taiwan dollars. Current number of employees is more than 2,800 people, who work hard to achieve the year production of 1 million tons of stainless steel billet.

Apart from stainless steel, YUSCO has expended its business field to carbon steel, aggressively develop and produce high quality carbon steel products to meet the consumers' needs.

YUSCO has also obtained certifications, include the ISO 9001 for the quality management, ISO 14001 for the environmental management, ISO 45001 for the occupational safety and health management, CNS45001 for the Taiwan occupational safety and health management system certification, ISO 50001 for the energy management system and ISO 14064-1 greenhouse gas inventory, and as well as production patents in many countries.





■ 燐聯是不銹鋼與碳鋼的製造業者，更是不銹鋼與碳鋼的服務業者，因此除了產量的提升，燐聯更將以客戶為導向，秉持「更快」、「更好」的理念，以更快的交期、更快的服務及更好的品質，以提供下游客戶更好的服務。

■ YUSCO is not only a manufacturer but a service provider of Stainless Steel and Carbon Steel. In addition to increasing its production volume, YUSCO also eyes on customer-oriented service. Stand on the concept of being faster and better, YUSCO is committed to provide faster order delivery, better service, and higher quality for our downstream customers.

成長的軌跡

Brief History

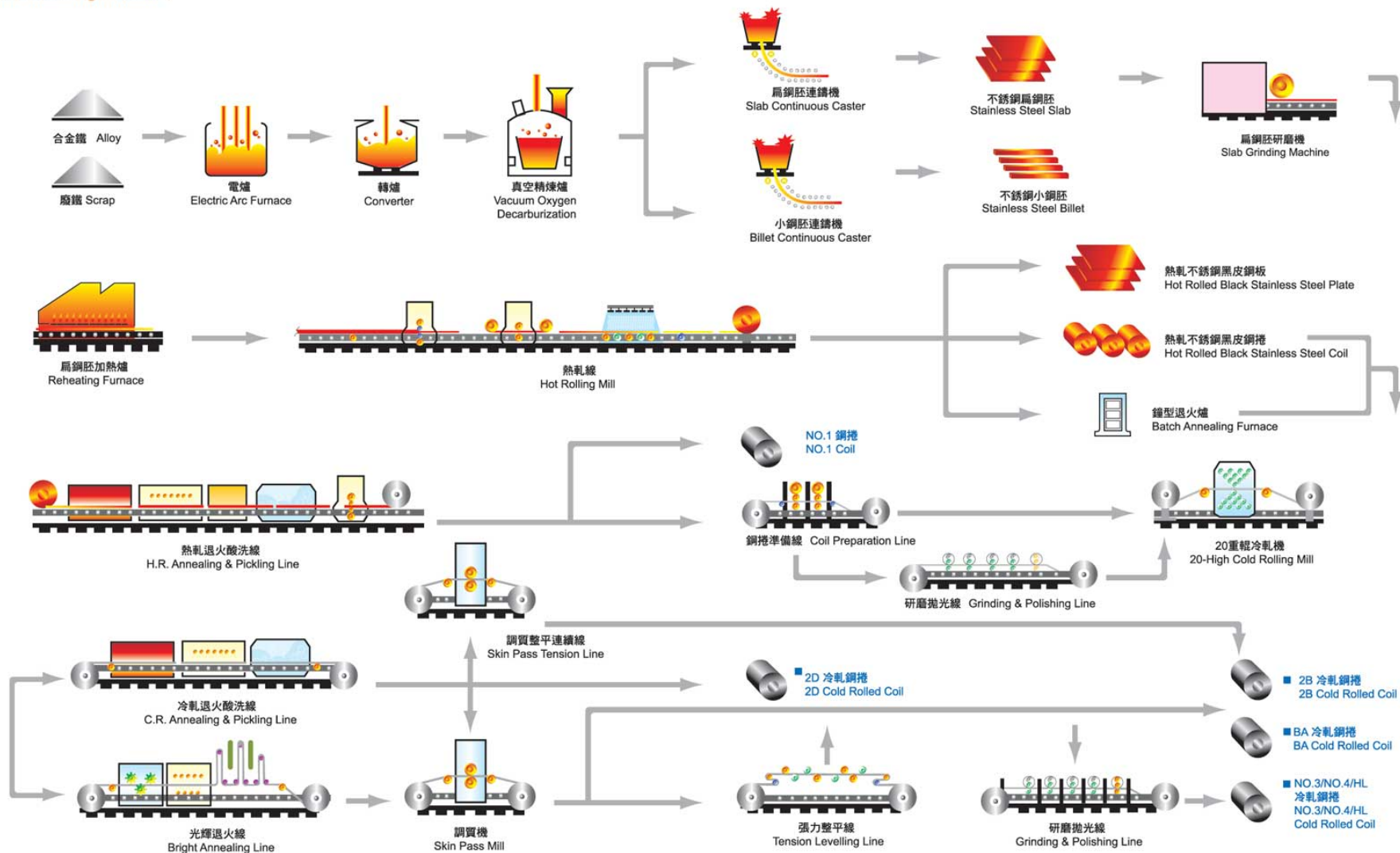
| | |
|---------|---|
| 1988-12 | 公司成立。 |
| 1995-05 | 熱軋廠建廠完成。 |
| 1995-05 | 冷軋廠開始生產。 |
| 1995-09 | 煉鋼廠一號電爐、轉爐、真空精煉爐及扁鋼胚連鑄機開始生產。 |
| 1996-04 | 連鑄廠小鋼胚連鑄機開始生產。 |
| 1996-06 | 加入國際不銹鋼論壇，為創始董事會13個創始董事之一。 |
| 1996-10 | 煉鋼廠二號電爐、轉爐及真空精煉爐開始生產。 |
| 2000-09 | 冷軋二廠開始生產。 |
| 2001-11 | 通過挪威DNV ISO9002; ISO 14001 及OHSAS 18001三合一認證。 |
| 2003-03 | 焊聯集團正式更名為義聯集團。 |
| 2003-12 | 鋼胚年產量突破100萬噸。 |
| 2004-01 | 資源回收廠開始試車生產。 |
| 2005-02 | 獲俄羅斯政府核發低鎳沃斯田鐵系不銹鋼20年專利證書。 |
| 2006-01 | 取得我國「低鎳含量之沃斯田鐵系不銹鋼」不銹鋼專利。 |
| 2007-12 | 冷軋三廠開始生產。 |
| 2010-06 | 焊聯通過日本JIS MARK認證。 |
| 2010-12 | 焊聯通過「碳足跡」以及「溫室氣體盤查」雙認證。 |
| 2011-08 | BAF第三期擴建完成，正式投料生產。 |
| 2011-11 | 取得大陸「不銹鋼超薄白皮鋼捲的製造方法」專利。 |
| 2012-08 | 取得大陸「熱加工性優良的鐵-鉻-錳-氮沃斯田鐵不銹鋼及其製造方法」專利。 |
| 2013-04 | 爐渣處理廠開始投產。 |
| 2013-08 | 取得台灣「熱加工性優良的鐵-鉻-錳-氮沃斯田鐵不銹鋼及其製造方法」專利。 |
| 2013-08 | 熱軋廠整平機開始試車生產。 |
| 2013-12 | 焊聯順利通過「優質企業」認證，並經財政部關務署核准為安全認證優質企業。 |
| 2013-12 | 焊聯順利通過日本設備維護協會(JIPM)之TPM「優秀賞」國際大賞。 |
| 2014-06 | 焊聯順利通過經濟部標準檢驗局正字標記認證。 |
| 2014-07 | 焊聯通過CPR歐盟建築產品規定認證。 |
| 2014-07 | 焊聯取得泰國「低鎳含量之沃斯田鐵系不銹鋼」專利。 |
| 2014-11 | 子公司「福建聯德企業股份有限公司」開始產出鎳生鐵。 |
| 2014-12 | 焊聯取得台灣「利用鎳鉻礦生產沃斯田鐵系不銹鋼的方法」專利。 |
| 2015-01 | 焊聯順利通過 ISO50001能源管理系統認證。 |
| 2015-07 | 焊聯取得日本「利用鎳鉻礦生產沃斯田鐵系不銹鋼的方法」專利。 |
| 2015-11 | 焊聯取得歐洲「不銹鋼超薄白皮鋼捲的製造方法」專利。 |
| 2016-03 | 取得澳洲「利用鎳鉻礦生產沃斯田鐵系不銹鋼的方法」專利。 |
| 2016-07 | 通過奇異(GE)供應商評鑑。 |
| 2017-06 | 焊聯通過印度BIS產品認證。 |
| 2018-01 | 焊聯榮獲TPM優秀繼續賞之國際大賞殊榮。 |
| 2018-04 | 取得台灣「複合式冷軋線」專利 |
| 2018-11 | 取得歐洲「利用鎳、鉻礦生產沃斯田鐵系不銹鋼的方法」專利 |
| 2019-02 | 取得印尼「利用鎳、鉻礦生產沃斯田鐵系不銹鋼的方法」專利 |
| 2019-11 | 焊聯通過ISO45001職業安全衛生管理系統轉版認證。 |
| 2021-04 | 取得印度「利用鎳、鉻礦生產沃斯田鐵系不銹鋼的方法」專利。 |
| 2023-01 | 精密加工廠鋼捲拋砂線正式鋼捲產出。 |
| 2023-04 | 精密加工廠分條線正式鋼捲產出。 |
| 2023-08 | 精密加工廠鏡面拋光線正式鋼捲產出。 |



| | |
|---------|---|
| 1988-12 | Founding of YUSCO. |
| 1995-05 | Establishment of hot strip mill. |
| 1995-05 | Began production of cold rolling mill. |
| 1995-09 | Began production of no.1 Electric Arc furnace converter, Vacuum Oxygen Decarburization Facility and Slab Continuous Caster. |
| 1996-04 | Began production of billet continuous casting in the continuous casting plant and Slab Continuous Caster. |
| 1996-06 | Joined International Forum of Stainless Steel, of the 13 founding directors. |
| 1996-10 | Began production of NO.2 Electric Arc Furnace, Converter, and Vacuum Oxygen Decarburization Facility. |
| 2000-09 | Began production of cold rolling mill 2. |
| 2001-11 | Certified by DNV ISO 9002, ISO14001, and OHSAS 18001. |
| 2003-03 | Yieh United Group was officially renamed as E-United Group. |
| 2003-12 | YUSCO reached an annual production capacity of slab and billet amounting more than 1 million tons in the year 2003. |
| 2004-01 | The Resource Treatment Plant was commissioned. |
| 2005-02 | Certified by Russian Government on low nickel austenitic stainless steels for 20year patent right. |
| 2006-01 | Certified by Taiwanese Government on low nickel austenitic stainless steels for patent right. |
| 2007-12 | Began production of cold rolling mill 3. |
| 2010-06 | Certified by JIS MARK, Japan. |
| 2010-12 | YUSCO was approved by "Carbon footprint" and "Greenhouse Gas Inventory". |
| 2011-08 | The third phase enlargement of BAF finished and began production. |
| 2011-11 | Certified by China Government on "Method of Production Thin Steel Sheet" for patent right. |
| 2012-08 | Certified by China on "Iron-Chromium-Manganese-Nitrogen Austenitic Stainless Steel Having Excellent Hot Workability And Method For Making The Same" for patent right. |
| 2013-04 | The Slag treatment Plant started to go into production. |
| 2013-08 | Obtained Taiwan's patent on "Iron-Chromium-Manganese-Nitrogen Austenitic Stainless Steel Having Excellent Hot Workability And Method For Making The Same." |
| 2013-08 | Hot rolling mill leveler began trial production |
| 2013-12 | Certified by AEO, Taiwan. |
| 2013-12 | Award for TPM Excellence Category A - 2013 |
| 2014-06 | Certified by CNS Mark, Taiwan. |
| 2014-07 | YUSCO passed the EU CPR certification. |
| 2014-07 | Obtained Thai patent for Low Nickel Austenitic Stainless Steel. |
| 2014-11 | The Fujian Lian De Enterprise Co., Ltd., one of our subsidiary, starts its production of nickel pig iron. |
| 2014-12 | Obtained Taiwan patent for The method of using Nichrome ore to produce austenitic stainless steels. |
| 2015-01 | YUSCO passed the ISO50001 Energy Management System accreditation. |
| 2015-07 | Obtained Japan patent for The method of using Nichrome ore to produce austenitic stainless steels. |
| 2015-11 | Obtained European patent for Method of producing thin steel sheet. |
| 2016-03 | Obtained Australia patent for The method of using Nichrome ore to produce austenitic stainless steels. |
| 2016-07 | YUSCO passed the GE Supplier Evaluation. |
| 2017-06 | YUSCO passed the India BIS certification. |
| 2018-01 | YUSCO achieves the Award for Excellence In Consistent TPM Commitment. |
| 2018-04 | Obtained Taiwan patent for Duplex Cold Rolling Line. |
| 2018-11 | Obtained European patent for The method of using Nichrome ore to produce austenitic stainless steels. |
| 2019-02 | Obtained Indonesia patent for The method of using Nichrome ore to produce austenitic stainless steels. |
| 2019-11 | Certified the success of migration to ISO 45001 Occupational Health and Safety Management System. |
| 2021-04 | Obtained India European patent for The method of using Nichrome ore to produce austenitic stainless steels. |
| 2023-01 | Surface Treatment Line of precision processing plant has officially produced steel coils. |
| 2023-04 | Precision Slitting Line of precision processing plant has officially produced steel coils. |
| 2023-08 | Mirror Finished Line of precision processing plant has officially produced steel coils. |

生產流程

| Manufacturing Process |





主要設備

| Main Facilities |

煉鋼部

| Steelmaking Division |



煉鋼廠的主要設備包含電弧爐、轉爐、真空精煉爐各兩套，及一套盛鋼桶精煉爐，配合扁鋼胚及小鋼胚連續鑄設備，鋼胚年產能可達100萬噸，採用三段式煉鋼製程，可生產高潔淨度、高品質與多樣化的不銹鋼及碳鋼扁鋼胚、小鋼胚。

1. | 電爐 | Electric Arc Furnace |
2. | 轉爐 | Converter |
3. | 真空精煉爐 | Vacuum Oxygen Decarburization |
4. | 盛鋼桶精煉爐 | Ladle Furnace |
5. | 扁鋼胚連續鑄機 | Slab Continuous Caster |
6. | 扁鋼胚/小鋼胚複合式連續鑄機 | Slab and Billet Combined Continuous Caster |





|| The main equipments of the steel making plant are two sets of Electric Arc Furnaces, Converters, Vacuum Oxygen Decarburization facilities and one set of Ladle Furnace which co-operated with the billet and slab continuous casting Casters its annual capacity of 1,000,000 tons. The adoption of triplex steelmaking procedures is capable to produce purer, higher quality, and more diversified slab and billet of both stainless steel and carbon steel.





主要設備

| Main Facilities |

熱 軋 部

| Hot Rolling Division |



熱軋廠採用台灣第一套具有盤捲保溫爐裝置之 STECKEL MILL 熱軋機，不銹鋼扁鋼胚經加熱、粗軋、精軋、冷卻、盤捲及整平等製程，可生產不同尺寸之熱軋黑皮鋼捲/鋼板，年產能可達93萬噸。



1. | 熱軋廠 | Hot Strip Mill |
2. | 鋼胚加熱爐 | Slab Reheating Furnace |
3. | 粗軋機 | Roughing Mill |
4. | 精軋機 | Finishing Mill |
5. | 盤捲機 | Down Coiler |
6. | 整平機 | Hot Plate Leveler |



|| The hot strip mill of YUSCO has been the first in Taiwan to equip with STECKEL MILL of holding furnace. Through the manufacturing procedure of reheating, roughing, finishing, cooling, colling, and Leveller, stainless steel slab can be made into hot stripped black steel strip and plate of different sizes with an annual production capacity of 930,000 tons.





主要設備

| Main Facilities |

冷軋部

| Cold Rolling Division |



冷軋部包含一廠區、二廠區及三廠區，擁有冷軋機6台、熱軋／冷軋退火酸洗線各2條，鋼捲準備線、研磨拋光線、光輝退火線、調質軋延機、張力整平線、調質整平連續線等多條產線，製程完整，可提供下游客戶高品質、多樣化及客製化的冷軋產品，包括No.1、2D、2B及BA鋼捲，年產能70萬噸。

1. | 冷熱軋綜合退火酸洗線 | Cold/Hot Roll Annealing Pickling Line |
2. | 退火酸洗線 | Annealing & Pickling Line |
3. | 光輝退火線 | Bright Annealing Line |
4. | 張力整平線 | Tension Levelling Line |
5. | 20重軋冷軋機 | 20-High Cold Rolling Mill |
6. | 冷軋鋼捲儲區 | Cold Rolling Coil Yard |
7. | 鋼捲準備線 | Coil Preparation Line |





Cold rolling division includes the first factory area, the second factory area and the third factory area, which are equipped with 6 cold rolling mills, 2 H.R. and 2 C.R. annealing & pickling lines, 1 coil preparation line, 2 grinding & polishing lines, 1 bright annealing line, 1 skin pass mill, 1 skin pass and tension levelling line. YUSCO provides customers high quality, diversified and customized cold rolling products of No.1, 2D, 2B, and BA coils with annual production capacity of 700,000 tons.





品質保證

| Quality Assurance |



「嚴格控制原料及製程，產製最高級產品」是燁聯的執著。從煉鋼、熱軋至冷軋，不僅採用世界最先進之設備與技術，更要求在每個階段，皆嚴密控制鋼品內外部品質，以確保產品均能滿足客戶最嚴格的要求。

We are determined to strictly control our raw materials and production procedures in order to manufacture products with the utmost quality. YUSCO has adopted the most advanced equipment and technology in controlling product quality in each phase to assure we best satisfy our customer's needs.

1. | OES 光譜分析儀 | Optical Emission Spectrometer |
2. | 合金鐵分析 | Analysis for alloys |
3. | 原子吸收光譜儀 | Atomic Absorption Spectrometer |
4. | 拉伸試驗機 | Tensile Tester |
5. | 掃描式電子顯微鏡 | Scanning Electron Microscopy |
6. | 原子吸收光譜儀 | Atomic Absorption Spectrometer |
7. | C/S分析儀 | C/S Analyzer |



我們的認證

- 挪威DNV-ISO 9001 國際品質認證
- 德國TUV-PED產品認證
- 德國TUV-AD2000產品認證
- 德國TUV-CPR產品認證
- 日本JIS MARK產品認證
- 美國A2LA實驗室認證
- 台灣CNS產品認證
- 印度BIS產品認證

We have been certified by

- DNV-ISO 9001, Norway
- TUV-PED, Germany
- TUV-AD2000, Germany
- TUV-CPR, Germany
- JIS MARK, Japan
- A2LA, USA
- CNS, Taiwan
- BIS, India



研究發展

| R & D |



■ 焊聯無論在製程改善、新技術發展與新鋼種開發等方面皆不斷研究創新，近年來因應市場需求已成功發展出節鎳型沃斯田鐵、單相肥粒鐵及麻田散鐵等不銹鋼鋼種，並獲得國內外多項專利。新開發之不銹鋼材料，分別應用於汽機車排氣系統、單車/機車碟煞、家電製品、餐廚具、太陽能熱水器之集熱板與儲水水桶、建築裝潢(烤漆浪板、帷幕牆、電梯)、醫療器材、電子材料等用途；此外為強化對客戶之服務，正積極規劃相關具開發潛力之產品，以滿足各層面客戶的需求，並著手推動國際間技術交流與合作，藉由整合國內外之產、學界研究資源，以提升整體研發能力。

■ Continuous innovation in improving manufacturing process, researching technology and skill, further, developing new series of steel products with patents awarded, YUSCO has successfully delivered low-nickel Austenitic, Pure Ferritic and Martensitic stainless steel. New developed stainless steel grades are applicable on automobile exhaust system, Bike brake disc, home appliance, kitchenware, Solar water heater collector plate and storage tank, Building and decoration(Corrugated steel sheet, Curtain wall, Elevator), Medical Device, Electronic Materials etc. Moreover, to design more products potentially meet customers' needs and international collaborations have also been scheduled. YUSCO aims to improve its ability on research and design from all aspects via integrating industrial and academic resources across the borders.



1. | 掃描式電子顯微鏡 | Scanning Electron Microscope |
2. | 專利證書 | Certificate |
3. | 技術討論 | Technical Discussion |

包裝與標示

| Packaging And Labeling |

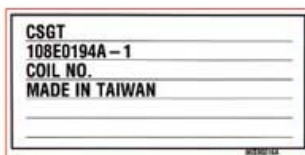
■ 燁聯各項產品在出廠前均依本公司之標準或客戶指定之包裝方式予以包裝，以避免在搬運儲存過程遭受可能之損傷。此外，在產品的外包裝上並加以明確清晰的標示，以便輕易的辨別該產品的身份及相關規格資料。

■ Each product made by YUSCO is packaged in compliance with mill's standard or customer's request to avoid unnecessary damages that might be done to the coils during delivery. In addition, each product is clearly labeled on its external packing for easy identification and inspection.

外銷包裝

| Export Packaging |

1. | 外銷包裝 | Export Packaging |



內銷包裝

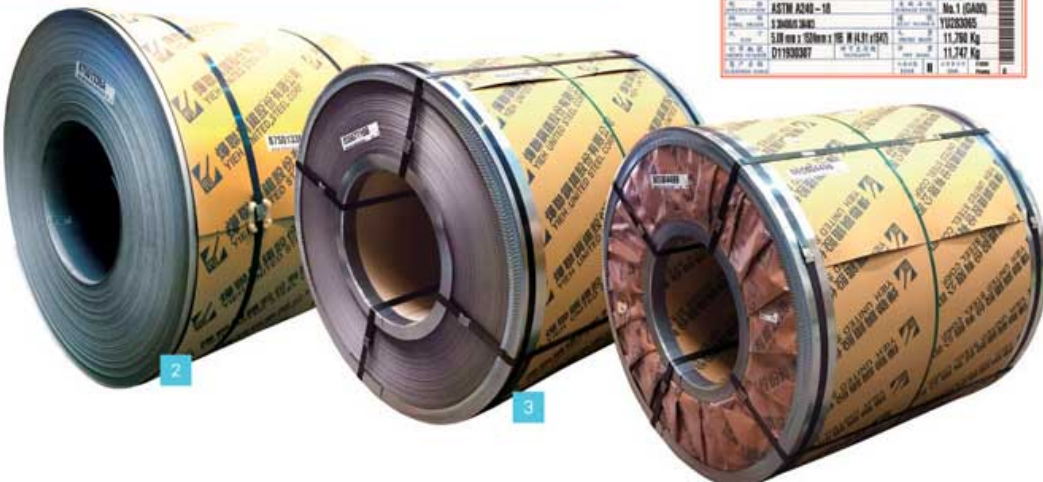
| Domestic Packaging |

2. | NO.1 內銷包裝 |

| NO.1 Domestic Packaging |

3. | 2B 內銷包裝 |

| 2B Domestic Packaging |

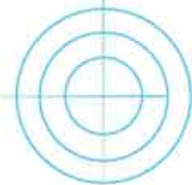




不銹鋼之應用

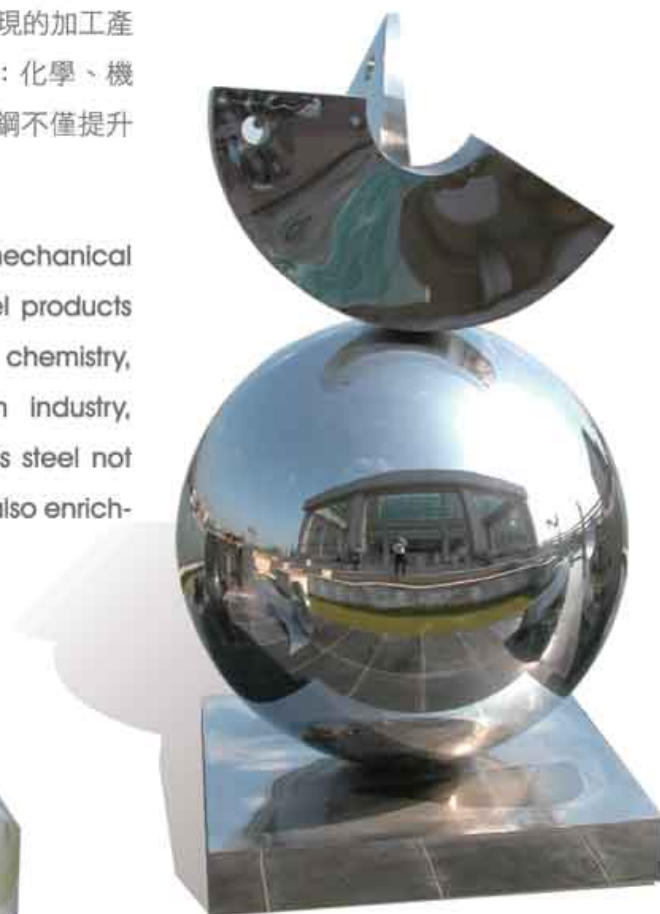
| Applications of Stainless Steel |





不銹鋼因具備良好的耐蝕性與機械性質，呈現的加工產品美觀且多變化，廣泛的應用在各項工業(如：化學、機械、車輛...)、建築業、家庭用品等領域。不銹鋼不僅提升了產品的價值，也豐富了你我的生活。

Because of excellent anti-corrosion and mechanical properties, various magnificent stainless steel products are widely applied on industrial sector (e.g. chemistry, machinery, automobile, etc.), construction industry, household appliances and so forth. Stainless steel not only increases the value of the products but also enriches our life.



環境保護

| Environment Protection |

■ 燁聯本著「地球是我們的家」之理念，在建廠規劃初期，即投資購買各式最新防治污染設備，並成立環保專責單位，積極建立各項環境監測系統及強化檢測技術。更與日本大同特殊鋼公司技術合作，移轉國內第一套資源回收製程，回收煉鋼集塵灰和氧化鐵等生產廢棄物，將其中有價金屬鎳、鉻、鐵再製成原料來使用；另建置二座冷軋硝、氟廢酸再生設備，將廢酸再生後送回產線重複使用，使資源充分利用。燁聯亦積極協助回收處理同業之集塵灰與廢酸，成效卓著，不但減少產業廢棄物處理成本、提升產業競爭力，同時降低廢氣、廢水、廢棄物之排放及能源的浪費，達到廢棄物資源循環零廢棄之目標。

■ Bearing in mind that "The earth is our only home", YUSCO, at its establishing stage, invested on the purchase of advanced pollution preventative equipment and set up an environmental protection department prompting in build up environmental control and monitoring systems, and also in strengthen the testing technologies. Furthermore, via technical cooperation with Daido Steel Corporation from Japan, we shifted the first line of the recycling process in Taiwan to collect the dust from smelting process and the ferric oxide from rolling process. We then refined from the waste hose valuable metal like the Nickel, Chromium, and Iron, and to recycle them as raw materials. Besides, we also implemented two sets of advanced re-production facilities for Cold rolling waste nitrofluoric acid. Acid sludge could then being recycled for production which completed the cycle of reuse resources. In the mean time, we aggressively collect to recycle the dust and acid sludge from the industry. We made great achievements on reducing the cost of handling industrial waste, Improve the competitiveness of the industry via reducing the industrial emission and the waste of resources. We subjected to accomplish the completed reuse of the industrial waste with no waste remains.





我們的認證證及獎項

- 挪威DNV-ISO 14001 環境管理系統認證
- 挪威DNV-ISO 50001 能源管理系統認證
- 挪威DNV-ISO 45001 職業安全衛生管理系統認證
- 原委會輻射偵檢認證
- 台灣CNS 45001 職業安全衛生管理系統認證
- 智慧財產局不鏽鋼集塵灰固定化方法專利
- 西元2001年度經濟部水資源局節約用水績優廠商
- 西元2001年度原子能委員會「鋼鐵業執行輻射偵檢作業」績優單位
- 西元1999-2002年經濟部節約能源績優廠商
- ISO 14064-1溫室氣體排放量查證聲明書

We are certified and awarded by

- DNV-ISO 14001, Norway
- DNV-ISO 50001, Norway
- DNV-ISO 45001
- Nuclear safety detection and supervision by Atomic Energy Cmmittee, ROC
- Taiwan Occupational Safety and Health Management System Certificate.
- Patent of Fixed Dust Gathering Method granted by Intelligence Property Bureau, ROC
- 2001 Water Conservation Company, Water Resources Agency, M.O.E.A., ROC
- Nuclear Safe Company in Steelmaking Industry, Atomic Energy Committee, ROC
- 1999~2002 Energy Conservation Company, M.O.E.A., ROC
- ISO 14064-1 Greenhouse Gas Inventory



產品規範 (參考用)

| Specification |

各國相似規範對照表 APPROXIMATE COMPARATIVE TABLE

| ASTM/ ASME | ISO | USA 美國 AISI | JAPAN 日本 JIS | | EUROPEAN 歐盟 EN | INDIA 印度 IS | CNS |
|---------------|-----|-------------------|--------------------|--------|----------------------|-------------------|---------|
| S20100 | A-2 | 201 | | 1.4372 | X12CrMnNiN17-7-5 | 201 | 201 |
| S20200 | A-3 | 202 | | 1.4373 | X12CrMnNiN18-9-5 | 202 | 202 |
| S20400 | | | | | | | |
| S30100 | 14 | 301 | SUS301 | 1.4310 | X10CrNi18-8 | 301 | 301 |
| S30103 | | 301L | SUS301L | | | 301L | 301L |
| S30153 | | 301LN | | 1.4318 | X2CrNi18-7 | 301LN | |
| S30200 | 12 | 302 | SUS302B | | | 302 | 302B |
| S30400 | 11 | 304 | SUS304 | 1.4301 | X5CrNi18-10 | 304 S1 | 304 |
| S30403 | 10 | 304L | | 1.4307 | X2CrNi18-9 | 304 S2 | 304L1 |
| | | | SUS304L | | | | 304L2 |
| S30409 | | 304H | | | | 304H | |
| S30500 | 13 | 305 | SUS305 | 1.4303 | X4CrNi18-12 | | 305 |
| S30908 | | 309S | SUS309S | | | 309S | 309S |
| S31008 | H15 | 310S | SUS310S | 1.4951 | X6CrNi25-20 | 310S | 310S |
| S31600 | 20 | 316 | SUS316 | 1.4401 | X5CrNiMo17-12-2 | 316 | 316 |
| S31603 | 19 | 316L | | 1.4404 | X2CrNiMo17-12-2 | 316L | 316L1 |
| | | | SUS316L | | | | 316L2 |
| S31635 | 21 | 316Ti | SUS316Ti | 1.4571 | X6CrNiMoTi17-12-2 | 316Ti | 316Ti |
| S31700 | | 317 | SUS317 | 1.4436 | X3CrNiMo17-13-3 | 317 | 317 |
| S31703 | | 317L | SUS317L | | | 317L | 317L |
| S31803 | | | | | | | |
| S32101 | | | | | | | |
| S32202 | | | | | | | |
| S32205 | | 2205 | | 1.4462 | X2CrNiMoN22-5-3 | 2205 | |
| S32100 | 15 | 321 | SUS321 | 1.4541 | X6CrNiTi18-10 | 321 | 321 |
| S34700 | 16 | 347 | SUS347 | 1.4550 | X6CrNiNb18-10 | 347 | 347 |
| | | | SUS403 | 1.4024 | X15Cr13 | | 403 |
| S40500 | 2 | 405 | SUS405 | 1.4002 | X6CrAl13 | 405 | 405 |
| S40910 | | | SUH409L | 1.4512 | X2CrTi12 | 409 | SUH409L |
| S40977 | | | | | | | |
| S41000 | 3 | 410 | SUS410 | 1.4006 | X12Cr13 | 410 | 410 |
| S41003 | | | SUS410L | | | | 410L |
| S41008 | | 410S | SUS410S | | | 410S | 410S |
| | 4 | | SUS420J1 | 1.4021 | X20Cr13 | 420 S1 | 420J1 |
| | 5 | | SUS420J2 | 1.4028 | X30Cr13 | 420 S2 | 420J2 |
| S43000 | 8 | 430 | SUS430 | 1.4016 | X6Cr17 | 430 | 430 |
| S43600 | | 436 | SUS436L | 1.4513 | X2CrMoTi17-1 | | 436L |
| S43932 | | | | 1.4510 | X3CrTi17 | 439 | |
| S43940 | | | | 1.4509 | X2CrTiNb18 | | |
| S44100 | | | | 1.4509 | X2CrTiNb18 | | |
| S44330 | | | SUS443J1 | | | | 443J1 |
| S44400 | 72 | 444 | SUS444 | 1.4521 | X2CrMoTi18-2 | | 444 |
| S44500 | | | SUS430J1L | | | | 430J1L |

化學成份 (參考用)

Chemical Composition



Page 1 - JIS 規範 JIS Specification

| Specification 規範 | Steel Grade 鋼種 | C% 碳max. | Si% 矽max. | Mn% 錳max. | P% 磷max. | S% 硫max. | Cr% 鉻max. | Ni% 鎳max. | Mo% 鉬max. | Ti% 鈦max. | other% 其他 |
|--------------------------------|-------------------|-------------|--------------|--------------|-------------|-------------|--------------|--------------|--------------|---|---|
| JIS G4304 G4305 G4312 | SUS301 | 0.15 | 1.00 | 2.00 | 0.045 | 0.030 | 16.00-18.00 | 6.00-8.00 | | | |
| | SUS301L | 0.030 | 1.00 | 2.00 | 0.045 | 0.030 | 16.00-18.00 | 6.00-8.00 | | | N:0.20 max. |
| | SUS302B | 0.15 | 2.00-3.00 | 2.00 | 0.045 | 0.030 | 17.00-19.00 | 8.00-10.00 | | | |
| | SUS304 | 0.08 | 1.00 | 2.00 | 0.045 | 0.030 | 18.00-20.00 | 8.00-10.50 | | | |
| | SUS304L | 0.030 | 1.00 | 2.00 | 0.045 | 0.030 | 18.00-20.00 | 9.00-13.00 | | | |
| | SUS305 | 0.12 | 1.00 | 2.00 | 0.045 | 0.030 | 17.00-19.00 | 10.50-13.00 | | | |
| | SUH309 | 0.20 | 1.00 | 2.00 | 0.040 | 0.030 | 22.00-24.00 | 12.00-15.00 | | | |
| | SUS309S | 0.08 | 1.00 | 2.00 | 0.045 | 0.030 | 22.00-24.00 | 12.00-15.00 | | | |
| | SUS310S | 0.08 | 1.50 | 2.00 | 0.045 | 0.030 | 24.00-26.00 | 19.00-22.00 | | | |
| | SUS316 | 0.08 | 1.00 | 2.00 | 0.045 | 0.030 | 16.00-18.00 | 10.00-14.00 | 2.00-3.00 | | |
| | SUS316L | 0.030 | 1.00 | 2.00 | 0.045 | 0.030 | 16.00-18.00 | 12.00-15.00 | 2.00-3.00 | | |
| | SUS316Ti | 0.08 | 1.00 | 2.00 | 0.045 | 0.030 | 16.00-18.00 | 10.00-14.00 | 2.00-3.00 | 5×C min. | |
| | SUS317 | 0.08 | 1.00 | 2.00 | 0.045 | 0.030 | 18.00-20.00 | 11.00-15.00 | 3.00-4.00 | | |
| | SUS317L | 0.030 | 1.00 | 2.00 | 0.045 | 0.030 | 18.00-20.00 | 11.00-15.00 | 3.00-4.00 | | |
| | SUS321 | 0.08 | 1.00 | 2.00 | 0.045 | 0.030 | 17.00-19.00 | 9.00-13.00 | | 5×C min. | |
| | SUS347 | 0.08 | 1.00 | 2.00 | 0.045 | 0.030 | 17.00-19.00 | 9.00-13.00 | | | Nb:10×C min. |
| | SUS403 | 0.15 | 0.50 | 1.00 | 0.040 | 0.030 | 11.50-13.00 | 0.60 | | | |
| | SUS405 | 0.08 | 1.00 | 1.00 | 0.040 | 0.030 | 11.50-14.50 | 0.60 | | | Al:0.10-0.30 |
| | SUH409L | 0.030 | 1.00 | 1.00 | 0.040 | 0.030 | 10.50-11.75 | 0.60 | | 6×C-0.75 | |
| | SUS410 | 0.15 | 1.00 | 1.00 | 0.040 | 0.030 | 11.50-13.50 | 0.60 | | | |
| | SUS410L | 0.030 | 1.00 | 1.00 | 0.040 | 0.030 | 11.00-13.50 | 0.60 | | | |
| | SUS410S | 0.08 | 1.00 | 1.00 | 0.040 | 0.030 | 11.50-13.50 | 0.60 | | | |
| | SUS420J1 | 0.16-0.25 | 1.00 | 1.00 | 0.040 | 0.030 | 12.00-14.00 | 0.60 | | | |
| | SUS420J2 | 0.26-0.40 | 1.00 | 1.00 | 0.040 | 0.030 | 12.00-14.00 | 0.60 | | | |
| | SUS430 | 0.12 | 0.75 | 1.00 | 0.040 | 0.030 | 16.00-18.00 | 0.60 | | | |
| | SUS436L | 0.025 | 1.00 | 1.00 | 0.040 | 0.030 | 16.00-19.00 | 0.60 | 0.75~1.50 | | N:0.025max Nb+Ti=8(C+N)-0.80 |
| | SUS443J1 | 0.025 | 1.00 | 1.00 | 0.040 | 0.030 | 20.00-23.00 | 0.60 | | | N:0.025max Cu:0.30-0.80 Nb+Ti=8(C+N)-0.80 |
| SUS444 | 0.025 | 1.00 | 1.00 | 0.040 | 0.030 | 17.00-20.00 | 0.60 | 1.75~2.50 | | N:0.025max Nb+Ti=8X(C+N)-0.80 | |
| SUS430J1L | 0.025 | 1.00 | 1.00 | 0.040 | 0.030 | 16.00-20.00 | 0.60 | | | N:0.025max Cu:0.30-0.80 Nb+Ti=8(C+N)-0.80 | |

化學成份 (參考用)

Chemical Composition

Page 2 -ASTM 規範 ASTM Specification

| Specification 規範 | Steel Grade 鋼種 | C% 碳max. | Si% 矽max. | Mn% 錳max. | P% 磷max. | S% 硫max. | Cr% 鉻max. | Ni% 鎳max. | Mo% 鉬max. | Ti% 鈦max. | other% 其他 |
|---------------------|-------------------|-------------|--------------|--------------|-------------|-------------|--------------|--------------|--------------|--|--|
| ASTM A240 | S20100 | 0.15 | 1.00 | 5.50-7.50 | 0.060 | 0.030 | 16.0-18.0 | 3.5-5.5 | | | N:0.25 max |
| | S20200 | 0.15 | 1.00 | 7.50-10.00 | 0.060 | 0.030 | 17.0-19.0 | 4.0-6.0 | | | N:0.25 max |
| | S20400 | 0.030 | 1.00 | 7.00-9.00 | 0.040 | 0.030 | 15.0-17.0 | 1.50-3.00 | | | N:0.15- 0.30 |
| | S30100 | 0.15 | 1.00 | 2.00 | 0.045 | 0.030 | 16.0-18.0 | 6.0-8.0 | | | N:0.10 max |
| | S30103 | 0.03 | 1.00 | 2.00 | 0.045 | 0.030 | 16.0-18.0 | 6.0-8.0 | | | N:0.20 max |
| | S30153 | 0.03 | 1.00 | 2.00 | 0.045 | 0.030 | 16.0-18.0 | 6.0-8.0 | | | N:0.07-0.20 |
| | S30400 | 0.08 | 0.75 | 2.00 | 0.045 | 0.030 | 18.0-20.0 | 8.0-11.0 | | | N:0.10 max |
| | S30403 | 0.030 | 0.75 | 2.00 | 0.045 | 0.030 | 18.0-20.0 | 8.0-12.0 | | | N:0.10 max |
| | S30409 | 0.04-0.10 | 0.75 | 2.00 | 0.045 | 0.030 | 18.0-20.0 | 8.0-10.5 | | | |
| | S30908 | 0.08 | 0.75 | 2.00 | 0.045 | 0.030 | 22.0-24.0 | 12.0-15.0 | | | |
| | S31008 | 0.08 | 1.50 | 2.00 | 0.045 | 0.030 | 24.0-26.0 | 19.0-22.0 | | | |
| | S31600 | 0.08 | 0.75 | 2.00 | 0.045 | 0.030 | 16.0-18.0 | 10.0-14.0 | 2.00-3.00 | | N:0.10 max |
| | S31603 | 0.030 | 0.75 | 2.00 | 0.045 | 0.030 | 16.0-18.0 | 10.0-14.0 | 2.00-3.00 | | N:0.10 max |
| | S31635 | 0.08 | 0.75 | 2.00 | 0.045 | 0.030 | 16.0-18.0 | 10.0-14.0 | 2.00-3.00 | 5(C+N)-0.70 | N:0.10 max |
| | S31700 | 0.08 | 0.75 | 2.00 | 0.045 | 0.030 | 18.0-20.0 | 11.0-15.0 | 3.0-4.0 | | N:0.10 max |
| | S31703 | 0.030 | 0.75 | 2.00 | 0.045 | 0.030 | 18.0-20.0 | 11.0-15.0 | 3.0-4.0 | | N:0.10 max |
| | S31803 | 0.030 | 1.00 | 2.00 | 0.030 | 0.020 | 21.0-23.0 | 4.5-6.5 | 2.5-3.5 | | N:0.08- 0.20 |
| | S32100 | 0.08 | 0.75 | 2.00 | 0.045 | 0.030 | 17.0-19.0 | 9.0-12.0 | | 5(C+N)-0.70 | N:0.10 max |
| | S32101 | 0.040 | 1.00 | 4.00-6.00 | 0.040 | 0.030 | 21.0-22.0 | 1.35-1.70 | 0.10-0.80 | | N:0.20- 0.25 Cu:0.10- 0.80 |
| | S32202 | 0.030 | 1.00 | 2.00 | 0.040 | 0.010 | 21.5-24.0 | 1.00-2.80 | 0.45 | | N:0.18- 0.26 |
| | S32205 | 0.030 | 1.00 | 2.00 | 0.030 | 0.020 | 22.0-23.0 | 4.5-6.5 | 3.0-3.5 | | N:0.14- 0.20 |
| | S34700 | 0.08 | 0.75 | 2.00 | 0.045 | 0.030 | 17.0-19.0 | 9.0-13.0 | | | Nb:10xC- 1.00 |
| | S40910 | 0.030 | 1.00 | 1.00 | 0.040 | 0.020 | 10.5-11.7 | 0.50 | | 6(C+N)-0.50 | N:0.030 max Nb:0.17 max |
| | S40977 | 0.030 | 1.00 | 1.50 | 0.040 | 0.015 | 10.5-12.5 | 0.30-1.00 | | | N:0.030 max |
| | S41000 | 0.08-0.15 | 1.00 | 1.00 | 0.040 | 0.030 | 11.5-13.5 | 0.75 | | | |
| | S41003 | 0.030 | 1.00 | 1.50 | 0.040 | 0.030 | 10.5-12.5 | 1.50 | | | N:0.030 max |
| | S43000 | 0.12 | 1.00 | 1.00 | 0.040 | 0.030 | 16.0-18.0 | 0.75 | | | |
| | S43600 | 0.12 | 1.00 | 1.00 | 0.040 | 0.030 | 16.0-18.0 | | 0.75-1.25 | | Nb:5xC-0.80 |
| | S43932 | 0.030 | 1.00 | 1.00 | 0.040 | 0.030 | 17.0-19.0 | 0.50 | | | N:0.030 max Al:0.15 max Nb+Ti=[0.20+4(C+N)]-0.75 |
| | S43940 | 0.030 | 1.00 | 1.00 | 0.040 | 0.015 | 17.5-18.5 | | | 0.10-0.60 | Nb:(0.30+3xC) min. |
| S44100 | 0.0 | 1.00 | 1.00 | 0.040 | 0.030 | 17.5-19.5 | 1.00 | | 0.1-0.5 | Nb:(0.3+9xC) -0.90 N:0.030 max | |
| S44330 | 0.025 | 1.00 | 1.00 | 0.040 | 0.030 | 20.0-23.0 | | | | (Ti+Nb) 8×(C+N) min,0.80 max Cu:0.30-0.80 N:0.025 max | |
| S44400 | 0.025 | 1.00 | 1.00 | 0.040 | 0.030 | 17.5-19.5 | 1.00 | 1.75-2.50 | | N:0.035 max Nb+Ti=[0.20+4(C+N)]-0.80 | |
| S44500 | 0.020 | 1.00 | 1.00 | 0.040 | 0.012 | 19.0-21.0 | 0.60 | | | Nb:10(C+N)-0.80 Cu:0.30-0.60 N:0.03max | |



Page 3 -EN 規範 EN Specification

| Specification 規範 | Steel Grade 鋼種 | C% 碳max. | Si% 矽max. | Mn% 錳max. | P% 磷max. | S% 硫max. | Cr% 鉻max. | Ni% 鎳max. | Mo% 鉬max. | Ti% 鈦max. | other% 其他 |
|----------------------|-------------------|-------------|--------------|--------------|-------------|-------------|--------------|--------------|--------------|---------------------------|------------------------|
| EN 10088 10028 | 1.4002 | 0.08 | 1.00 | 1.00 | 0.040 | 0.015 | 12.0-14.0 | | | | Al :0.10-0.30 |
| | 1.4006 | 0.08-0.15 | 1.00 | 1.50 | 0.040 | 0.015 | 11.5-13.5 | 0.75 | | | |
| | 1.4016 | 0.08 | 1.00 | 1.00 | 0.040 | 0.015 | 16.0-18.0 | | | | |
| | 1.4021 | 0.16-0.25 | 1.00 | 1.50 | 0.040 | 0.015 | 12.0-14.0 | | | | |
| | 1.4024 | 0.12-0.17 | 1.00 | 1.00 | 0.040 | 0.015 | 12.0-14.0 | | | | |
| | 1.4028 | 0.26-0.35 | 1.00 | 1.50 | 0.040 | 0.015 | 12.0-14.0 | | | | |
| | 1.4301 | 0.07 | 1.00 | 2.00 | 0.045 | 0.015 | 17.5-19.5 | 8.0-10.5 | | | N:0.10 max |
| | 1.4303 | 0.06 | 1.00 | 2.00 | 0.045 | 0.015 | 17.0-19.0 | 11.0-13.0 | | | N:0.10 max |
| | 1.4307 | 0.030 | 1.00 | 2.00 | 0.045 | 0.015 | 17.5-19.5 | 8.0-10.5 | | | N:0.10 max |
| | 1.4310 | 0.05-0.15 | 2.00 | 2.00 | 0.045 | 0.015 | 16.0-19.0 | 6.0-9.5 | 0.80 | | N:0.10 max |
| | 1.4318 | 0.030 | 1.00 | 2.00 | 0.045 | 0.015 | 16.5-18.5 | 6.0-8.0 | | | N:0.10-0.20 |
| | 1.4372 | 0.15 | 1.00 | 5.5-7.5 | 0.045 | 0.015 | 16.0-18.0 | 3.5-5.5 | | | N:0.05-0.25 |
| | 1.4373 | 0.15 | 1.00 | 7.5-10.5 | 0.045 | 0.015 | 17.0-19.0 | 4.0-6.0 | | | N:0.05-0.25 |
| | 1.4401 | 0.07 | 1.00 | 2.00 | 0.045 | 0.015 | 16.5-18.5 | 10.0-13.0 | 2.00-2.50 | | N:0.10 max |
| | 1.4404 | 0.030 | 1.00 | 2.00 | 0.045 | 0.015 | 16.5-18.5 | 10.0-13.0 | 2.00-2.50 | | N:0.10 max |
| | 1.4436 | 0.05 | 1.00 | 2.00 | 0.045 | 0.015 | 16.5-18.5 | 10.5-13.0 | 2.50-3.00 | | N:0.10 max |
| | 1.4462 | 0.030 | 1.00 | 2.00 | 0.035 | 0.015 | 21.0-23.0 | 4.5-6.5 | 2.50-3.5 | | N:0.10-0.22 |
| | 1.4509 | 0.030 | 1.00 | 1.00 | 0.040 | 0.015 | 17.5-18.5 | | | 0.10-0.60 | Nb:(3xC+0.30) -1.00 |
| | 1.4510 | 0.05 | 1.00 | 1.00 | 0.040 | 0.015 | 16.0-18.0 | | | [4(C+N)+0.15] -0.80 註1 | |
| | 1.4512 | 0.030 | 1.00 | 1.00 | 0.040 | 0.015 | 10.5-12.5 | | | 6(C+N)-0.65註1 | |
| | 1.4521 | 0.025 | 1.00 | 1.00 | 0.040 | 0.015 | 17.0-20.0 | | 1.80-2.50 | [4(C+N)+0.15] -0.80 註1 | N:0.030 max |
| | 1.4513 | 0.025 | 1.00 | 1.00 | 0.040 | 0.015 | 16.0-18.0 | | 0.80-1.40 | [4(C+N)+0.15] -0.80 註1 | N:0.020 max |
| | 1.4541 | 0.08 | 1.00 | 2.00 | 0.045 | 0.015 | 17.0-19.0 | 9.0-12.0 | | 5xC-0.70 | |
| 1.4550 | 0.08 | 1.00 | 2.00 | 0.045 | 0.015 | 17.0-19.0 | 9.0-12.0 | | | Nb:10xC-1.00 | |
| 1.4571 | 0.08 | 1.00 | 2.00 | 0.045 | 0.015 | 16.5-18.5 | 10.5-13.5 | 2.00-2.50 | 5xC-0.70 | | |
| 1.4951 | 0.04-0.08 | 0.70 | 2.00 | 0.035 | 0.015 | 24.0-26.0 | 19.0-22.0 | | | | |

註1 : Nb (% by mass) = Zr (% by mass) = 7/4 Ti (% by mass)

機械性質 (參考用)

| Mechanical Property |

Page 1 - JIS 規格 JIS Specification

| Specification 規範 | 鋼種 Steel Grade | 抗拉強度 N/mm ² min Tensile Strength | 降伏強度 N/mm ² min Proof Strength | 伸長率 %, min Elongation | 硬度 HRB或 HRBS, max. 註1 Hardness | 硬度 HV, max. Hardness | 彎曲 BENDABILITY | |
|--------------------------------|-------------------|---|---|-----------------------------|---|----------------------------|------------------------|------------------------------|
| | | | | | | | 彎曲角度 Bending Angle | 彎曲半徑 Inside Radius |
| JIS G4304 G4305 G4312 | SUS301 | 520 | 205 | 40 | 95 | 218 | not required | |
| | SUS301L | 550 | 215 | 45 | 95 | 218 | not required | |
| | SUS302B | 520 | 205 | 40 | 95 | 218 | not required | |
| | SUS304 | 520 | 205 | 40 | 90 | 200 | not required | |
| | SUS304L | 480 | 175 | 40 | 90 | 200 | not required | |
| | SUS305 | 480 | 175 | 40 | 90 | 200 | not required | |
| | SUH309 | 560 | 205 | 40 | 95 | 210 | not required | |
| | SUS309S | 520 | 205 | 40 | 90 | 200 | not required | |
| | SUS310S | 520 | 205 | 40 | 90 | 200 | not required | |
| | SUS316 | 520 | 205 | 40 | 90 | 200 | not required | |
| | SUS316L | 480 | 175 | 40 | 90 | 200 | not required | |
| | SUS316Ti | 520 | 205 | 40 | 90 | 200 | not required | |
| | SUS317 | 520 | 205 | 40 | 90 | 200 | not required | |
| | SUS317L | 480 | 175 | 40 | 90 | 200 | not required | |
| | SUS321 | 520 | 205 | 40 | 90 | 200 | not required | |
| | SUS347 | 520 | 205 | 40 | 90 | 200 | not required | |
| | SUS403 | 440 | 205 | 20 | 93 | 210 | 180° | 1.0 time the thickness |
| | SUS405 | 410 | 175 | 20 | 88 | 200 | 180° | 0.5 t (t<8mm), 1.0 t (t>8mm) |
| | SUH409L | 360 | 175 | 25 | 80 | 175 | 180° | 0.5 t (t<8mm), 1.0 t (t>8mm) |
| | SUS410 | 440 | 205 | 20 | 93 | 210 | 180° | 1.0 time the thickness |
| | SUS410L | 360 | 195 | 22 | 88 | 200 | 180° | 1.0 time the thickness |
| | SUS410S | 410 | 205 | 20 | 88 | 200 | 180° | 1.0 time the thickness |
| | SUS420J1 | 520 | 225 | 18 | 97 | 234 | not required | |
| | SUS420J2 | 540 | 225 | 18 | 99 | 247 | not required | |
| | SUS430 | 420 | 205 | 22 | 88 | 200 | 180° | 1.0 time the thickness |
| | SUS436L | 410 | 245 | 20 | 96 | 230 | 180° | 1.0 time the thickness |
| | SUS443J1 | 390 | 205 | 22 | 90 | 200 | 180° | 1.0 time the thickness |
| | SUS444 | 410 | 245 | 20 | 96 | 230 | 180° | 1.0 time the thickness |
| SUS430J1L | 390 | 205 | 22 | 90 | 200 | 180° | 1.0 time the thickness | |

註1: a.HRBW及HRBS之量測不適用於厚度太薄者

b.HRB值之量測可使用HRBW或HRBS, 並將其附註於報告書內; 但有爭議時, 須使用HRBW。



Page 2 - ASTM 規範 ASTM Specification

| Specification 規範 | 鋼種 Steel Grade | 抗拉強度 MPa, min Tensile Strength | 降伏強度 MPa, min Proof Strength | 伸長率 %, min Elongation | 硬度 HRBW, min. Hardness | 硬度 HBW, min. Hardness | BENDABILITY |
|---------------------|-------------------|--------------------------------------|------------------------------------|-----------------------------|------------------------------|-----------------------------|--------------------|
| | | | | | | | 彎曲角度 Bending Angle |
| ASTM | S20100 | 515 | 260 | 40 | 95 | 217 | not required |
| | S20200 | 620 | 260 | 40 | | 241 | not required |
| | S20400 | 655 | 330 | 35 | 100 | 241 | not required |
| | S30100 | 515 | 205 | 40 | 95 | 217 | not required |
| | S30103 | 550 | 220 | 45 | 100 | 241 | not required |
| | S30153 | 550 | 240 | 45 | 100 | 241 | not required |
| | S30400 | 515 | 205 | 40 | 92 | 201 | not required |
| | S30403 | 485 | 170 | 40 | 92 | 201 | not required |
| | S30409 | 515 | 205 | 40 | 92 | 201 | not required |
| | S30908 | 515 | 205 | 40 | 95 | 217 | not required |
| | S31008 | 515 | 205 | 40 | 95 | 217 | not required |
| | S31600 | 515 | 205 | 40 | 95 | 217 | not required |
| | S31603 | 485 | 170 | 40 | 95 | 217 | not required |
| | S31635 | 515 | 205 | 40 | 95 | 217 | not required |
| | S31700 | 515 | 205 | 35 | 95 | 217 | not required |
| | S31703 | 515 | 205 | 40 | 95 | 217 | not required |
| | S31803 | 620 | 450 | 25 | 31HRC | 293 | not required |
| | S32100 | 515 | 205 | 40 | 95 | 217 | not required |
| | S32101 t≤5.0mm | 700 | 530 | 30 | 31HRC | 290 | not required |
| | S32101 t>5.0mm | 650 | 450 | 30 | 31HRC | 290 | not required |
| A240 | S32202 | 650 | 450 | 30 | 31HRC | 290 | not required |
| | S32205 | 655 | 450 | 25 | 31HRC | 293 | not required |
| | S34700 | 515 | 205 | 40 | 92 | 201 | not required |
| | S40910 | 380 | 170 | 20 | 88 | 179 | 180° |
| | S40977 | 450 | 280 | 18 | 88 | 180 | not required |
| | S41000 | 450 | 205 | 20 | 96 | 217 | 180° |
| | S41003 | 455 | 275 | 18 | 20HRC | 223 | not required |
| | S43000 | 450 | 205 | 22 | 89 | 183 | 180° |
| | S43600 | 450 | 240 | 22 | 89 | | 180° |
| | S43932 | 415 | 205 | 22 | 89 | 183 | 180° |
| | S43940 | 430 | 250 | 18 | 88 | 180 | not required |
| | S44100 | 414 | 241 | 20 | 90 | 190 | not required |
| | S44330 | 390 | 205 | 22 | 90 | 187 | not required |
| | S44400 | 415 | 275 | 20 | 96 | 217 | 180° |
| | S44500 | 427 | 205 | 22 | 83 | | 180° |

機械性質 (參考用)

| Mechanical Property |

Page 3 - EN 規格 EN Specification

| Specification 規範 | 鋼種 Steel Grade | 抗拉強度 MPa,min. Tensile Strength | 降伏強度 0.2%,MPa, min. (long.) Proof Strength | 降伏強度 0.2%,MPa, min. (tr.) Proof Strength | 降伏強度 1.0%,MPa, min. (tr.) Proof Strength | 伸長率 %,min. (tr.) <3mm thick Elongation | 伸長率 %,min. (tr.) ≥ 3mm thick Elongation | 硬度 HRB,max. Hardness | 耐晶界腐蝕性 | |
|------------------------------|-------------------|--------------------------------------|---|---|---|---|--|----------------------------|-------------------------------|-----------------------------|
| | | | | | | | | | 交貨條件 delivery condition | 焊接條件 welded condition |
| EN 10088 10028 熱軋鋼捲 | 1.4002 | 400-600 | 210 | 230 | | 17(long.+tr.) | 17(long.+tr.) | | no | no |
| | 1.4006 | 600 max | | | | 20(long.+tr.) | 20(long.+tr.) | 90 | | |
| | 1.4016 | 430-600 | 240 | 260 | | 18(long.+tr.) | 18(long.+tr.) | | yes | no |
| | 1.4021 | 700 max | | | | 15(long.+tr.) | 15(long.+tr.) | 95 | | |
| | 1.4024 | 650 max | | | | 20(long.+tr.) | 20(long.+tr.) | 90 | | |
| | 1.4028 | 740 max | | | | 15(long.+tr.) | 15(long.+tr.) | 97 | | |
| | 1.4301 | 520-720 | | 210 | 250 | 45 | 45 | | yes | no |
| | 1.4307 | 520-700 | | 200 | 240 | 45 | 45 | | yes | yes |
| | 1.4318 | 650-850 | | 330 | 370 | 35 | 40 | | yes | yes |
| | 1.4372 | 680-880 | | 330 | 370 | 45 | 45 | | yes | no |
| | 1.4373 | 680-880 | | 320 | 360 | 45 | 45 | | yes | no |
| | 1.4401 | 530-680 | | 220 | 260 | 40 | 40 | | yes | no |
| | 1.4404 | 530-680 | | 220 | 260 | 40 | 40 | | yes | yes |
| | 1.4436 | 550-700 | | 220 | 260 | 40 | 40 | | yes | no |
| | 1.4462 | 700-950 | | 460 | | 25(long.+tr.) | 25(long.+tr.) | | yes | yes |
| | 1.4510 | 420-600 | 230 | 240 | | 23(long.+tr.) | 23(long.+tr.) | | yes | yes |
| | 1.4512 | 380-560 | 210 | 220 | | 25(long.+tr.) | 25(long.+tr.) | | yes | no |
| | 1.4521 | 400-600 | 280 | 300 | | 20(long.+tr.) | 20(long.+tr.) | | yes | yes |
| | 1.4541 | 520-720 | | 200 | 240 | 40 | 40 | | yes | yes |
| 1.4550 | 520-720 | | 200 | 240 | 40 | 40 | | yes | yes | |
| 1.4571 | 540-690 | | 220 | 260 | 40 | 40 | | yes | yes | |
| 1.4951 | 510-710 | | 200 | 240 | 35(long.+tr.) | 35(long.+tr.) | | no | no | |
| EN 10088 10028 冷軋鋼捲 | 1.4002 | 400-600 | 230 | 250 | | 17(long.+tr.) | 17(long.+tr.) | | no | no |
| | 1.4006 | 600 max | | | | 20(long.+tr.) | 20(long.+tr.) | 90 | | |
| | 1.4016 | 430-600 | 260 | 280 | | 20(long.+tr.) | 20(long.+tr.) | | yes | no |
| | 1.4021 | 700 max | | | | 15(long.+tr.) | 15(long.+tr.) | 95 | | |
| | 1.4024 | 650 max | | | | 20(long.+tr.) | 20(long.+tr.) | 90 | | |
| | 1.4028 | 740 max | | | | 15(long.+tr.) | 15(long.+tr.) | 97 | | |
| | 1.4301 | 540-750 | | 230 | 260 | 45 | 45 | | yes | no |
| | 1.4303 | 500-650 | | 220 | 250 | 45 | 45 | | yes | no |
| | 1.4307 | 520-700 | | 220 | 250 | 45 | 45 | | yes | yes |
| | 1.4310 | 600-950 | | 250 | 280 | 40 | 40 | | no | no |
| | 1.4318 | 650-850 | | 350 | 380 | 35 | 40 | | yes | yes |
| | 1.4372 | 680-880 | | 350 | 380 | 45 | 45 | | yes | no |
| | 1.4373 | 680-880 | | 340 | 370 | 45 | 45 | | yes | no |
| | 1.4401 | 530-680 | | 240 | 270 | 40 | 40 | | yes | no |
| | 1.4404 | 530-680 | | 240 | 270 | 40 | 40 | | yes | yes |
| | 1.4436 | 550-700 | | 240 | 270 | 40 | 40 | | yes | no |
| | 1.4462 | 700-950 | | 500 | | 20(long.+tr.) | 20(long.+tr.) | | yes | yes |
| | 1.4509 | 430-630 | 230 | 250 | | 18(long.+tr.) | 18(long.+tr.) | | yes | yes |
| | 1.4510 | 420-600 | 230 | 240 | | 23(long.+tr.) | 23(long.+tr.) | | yes | yes |
| | 1.4512 | 380-560 | 210 | 220 | | 25(long.+tr.) | 25(long.+tr.) | | no | no |
| | 1.4513 | 400-550 | 200 | 220 | | 23(long.+tr.) | 23(long.+tr.) | | yes | yes |
| 1.4521 | 420-640 | 300 | 320 | | 20(long.+tr.) | 20(long.+tr.) | | yes | yes | |
| 1.4541 | 520-720 | | 220 | 250 | 40 | 40 | | yes | yes | |
| 1.4550 | 520-720 | | 220 | 250 | 40 | 40 | | yes | yes | |
| 1.4571 | 540-690 | | 240 | 270 | 40 | 40 | | yes | yes | |
| 1.4951 | 530-730 | | 220 | 250 | 35(long.+tr.) | 35(long.+tr.) | | no | no | |

尺寸公差 (參考用)

| Dimensional Tolerances |



| 不銹鋼扁鋼坯 Stainless Steel Slab | | | |
|-----------------------------|----------------------|-----------------|------------------|
| | 厚度 Thickness(mm) | 寬度 Width(mm) | 長度 Length(mm) |
| 公差 Tolerances | 全面研磨 +4/-8 不研磨 ±5 | ±10 | ±50 |
| 偏異度 Deviation | ≤3 | ≤10 | - |

| 不銹鋼小鋼坯 Stainless Steel Billet | | |
|-------------------------------|---------------------------|------------------|
| | 端面邊長 Cross Section(mm) | 長度 Length(mm) |
| 公差 Tolerances | 未研磨 ±3 研磨 +2/-5 | ±100 |

熱軋不銹鋼鋼帶 Hot Rolled Stainless Steel Strip

JIS G4304厚度公差 Thickness Tolerances(mm)

| 公差Tolerances 厚度Thickness | 寬度Width | W<1000 | 1000≤W<1250 | 1250≤W<1600 |
|-----------------------------|-----------------|--------|-------------|-------------|
| | 2.00 ≤ t < 2.50 | | ±0.25 | ±0.30 |
| 2.50 ≤ t < 3.15 | | ±0.30 | ±0.35 | ±0.40 |
| 3.15 ≤ t < 4.00 | | ±0.35 | ±0.40 | ±0.45 |
| 4.00 ≤ t < 5.00 | | ±0.40 | ±0.45 | ±0.50 |
| 5.00 ≤ t < 6.00 | | ±0.50 | ±0.55 | ±0.60 |
| 6.00 ≤ t < 8.00 | | ±0.60 | ±0.65 | ±0.65 |
| 8.00 ≤ t < 10.00 | | ±0.65 | ±0.65 | ±0.65 |

寬度公差 Width Tolerances(mm)

| 切邊狀態 Classification by Edge | 寬度Width | 800≤W<1000 | 1000≤W |
|--------------------------------|--------------|-------------|---------|
| | 軋邊 Mill Edge | 厚度Thickness | 0 / +25 |
| 切邊 Cut Edge | t < 6 | 0 / +10 | 0 / +10 |
| | t ≥ 6 | 0 / +10 | 0 / +15 |

冷軋不銹鋼鋼帶 Cold Rolled Stainless Steel Strip

JIS G4305厚度公差 Thickness Tolerances(mm)

| 公差Tolerances 厚度Thickness | 寬度Width | W<1250 | 1250≤W<1600 |
|-----------------------------|-----------------|--------|-------------|
| | 0.30 ≤ t < 0.60 | | ±0.05 |
| 0.60 ≤ t < 0.80 | | ±0.07 | ±0.09 |
| 0.80 ≤ t < 1.00 | | ±0.09 | ±0.10 |
| 1.00 ≤ t < 1.25 | | ±0.10 | ±0.12 |
| 1.25 ≤ t < 1.0 | | ±0.12 | ±0.15 |
| 1.60 ≤ t < 2.00 | | ±0.15 | ±0.17 |
| 2.00 ≤ t < 2.50 | | ±0.17 | ±0.20 |
| 2.50 ≤ t < 3.15 | | ±0.22 | ±0.25 |
| 3.15 ≤ t < 4.00 | | ±0.25 | ±0.30 |
| 4.00 ≤ t < 5.00 | | ±0.35 | ±0.40 |
| 5.00 ≤ t < 6.00 | | ±0.40 | ±0.45 |

寬度公差 Width Tolerances(mm)

| 切邊狀態 Classification by Edge | 800≤W<1000 | 1000≤W<1524 | 1524≤W |
|--------------------------------|------------|-------------|---------|
| 軋邊 Mill Edge | 0 / +25 | 0 / +50 | 0 / +50 |
| 切邊 Cut Edge | 0 / +5 | 0 / +5 | 0 / +10 |

可產製尺寸範圍

| Size Range |

| 不銹鋼扁鋼胚 Stainless Steel Slab | | | |
|-----------------------------|---------------------|-----------------|-----------------|
| 品名 | 厚度 Thickness(mm) | 寬度 Width(mm) | 長度 Length(m) |
| SLB-S | 175/200 | 1000 ~ 1600 | 5.2 - 13.5 |

| 不銹鋼小鋼胚 Stainless Steel Billet | | |
|-------------------------------|---------------------------|-----------------|
| 品名 | 端面邊長 Cross Section(mm) | 長度 Length(m) |
| BLT-S | 140×140 | 6.5 ~ 12 |

不銹鋼熱軋黑皮鋼捲 Hot Rolled Stainless Steel Strip-Black

| 表面品級 | 鋼種 | 厚度 Thickness(mm) | | |
|-------|-------------|------------------|--------------|--------------|
| | | 1m | 4ft | 5ft |
| Black | 201/202/204 | 2.50 ~ 16.08 | 2.50 ~ 16.08 | 2.88 ~ 16.08 |
| | 301 (L) | 3.00 ~ 16.08 | 2.45 ~ 16.08 | |
| | 304 (L) | 2.45 ~ 16.08 | 2.25 ~ 16.08 | 2.88 ~ 16.08 |
| | 316 (L) | 2.88 ~ 16.08 | 2.88 ~ 16.08 | 3.66 ~ 16.08 |
| | 321 | 2.88 ~ 16.08 | 2.88 ~ 16.08 | 2.88 ~ 16.08 |
| | 409L | 2.50 ~ 6.50 | 2.50 ~ 6.50 | |
| | 410L | 2.45 ~ 6.50 | 2.45 ~ 6.50 | |
| | 430 | 2.89 ~ 6.50 | 2.40 ~ 6.50 | 2.88 ~ 6.50 |
| | 420J | 2.50 ~ 6.50 | 2.50 ~ 6.50 | |

熱軋不銹鋼No.1鋼捲 Hot Rolled Stainless Steel Strip-No.1

| 表面品級 | 鋼種 | 厚度 Thickness(mm) | | |
|-------|-------------|------------------|-------------|-------------|
| | | 1m | 4ft | 5ft |
| No. 1 | 201/202/204 | 1.50 ~ 6.50 | 1.50 ~ 6.50 | 2.88 ~ 6.50 |
| | 301 (L) | 2.50 ~ 6.50 | 2.50 ~ 6.50 | |
| | 304 (L) | 1.17 ~ 8.00 | 1.17 ~ 8.00 | 1.91 ~ 8.00 |
| | 309 (S) | 2.82 ~ 6.00 | 2.82 ~ 6.00 | 4.00 ~ 6.00 |
| | 316 (L) | 1.46 ~ 7.00 | 1.46 ~ 7.00 | 1.91 ~ 7.00 |
| | 321 | 1.17 ~ 6.50 | 1.17 ~ 6.50 | 1.91 ~ 6.50 |
| | 409L | 1.16 ~ 6.50 | 1.16 ~ 6.50 | 2.88 ~ 6.00 |
| | 410L | 2.50 ~ 6.50 | 2.50 ~ 6.50 | |
| | 410S | 2.50 ~ 6.50 | 2.50 ~ 6.50 | 2.88 ~ 6.00 |
| | 430 | 1.17 ~ 8.00 | 1.17 ~ 8.00 | 1.91 ~ 8.00 |
| | 436 | 2.50 ~ 4.00 | 2.50 ~ 4.00 | 2.88 ~ 4.00 |
| | 439 | 1.16 ~ 4.00 | 1.16 ~ 4.00 | 2.88 ~ 4.00 |
| | 444 | 2.50 ~ 3.00 | 2.50 ~ 3.00 | 2.88 ~ 3.00 |
| | 443 / 445 | 1.26 ~ 4.00 | 1.26 ~ 4.00 | 2.88 ~ 4.00 |
| | 410 / 420J | 2.50 ~ 6.50 | 2.50 ~ 6.50 | |

冷軋不銹鋼鋼捲 Cold Rolled Stainless Steel Sheet Strip

| 表面品級 | 鋼種 | 厚度 Thickness(mm) | | |
|---------------------|--------------------|------------------|-------------|-------------|
| | | 1m | 4ft | 5ft |
| No. 2D / No.2B | 201/202/204 | 0.31 ~ 3.00 | 0.31 ~ 3.00 | 0.56 ~ 3.00 |
| | 2205/301 (L) | 0.36 ~ 3.00 | 0.36 ~ 3.00 | |
| | 304Q | 0.28 ~ 4.00 | 0.28 ~ 4.00 | 0.36 ~ 4.00 |
| | 304 (L) | 0.20 ~ 4.00 | 0.20 ~ 4.00 | 0.20 ~ 4.00 |
| | 321 | 0.28 ~ 4.00 | 0.28 ~ 4.00 | 0.36 ~ 4.00 |
| | 316 (L) | 0.28 ~ 4.00 | 0.28 ~ 4.00 | 0.46 ~ 4.00 |
| | 409L / 410L / 410S | 0.28 ~ 3.00 | 0.28 ~ 3.00 | 0.45 ~ 3.00 |
| | 430 | 0.28 ~ 4.00 | 0.28 ~ 4.00 | 0.45 ~ 4.00 |
| | 430B/T | 0.28 ~ 2.50 | 0.28 ~ 2.50 | |
| | 436 / 439 | 0.28 ~ 2.50 | 0.28 ~ 2.50 | 0.35 ~ 1.50 |
| | 443 / 445 | 0.28 ~ 2.50 | 0.28 ~ 2.50 | 0.45 ~ 1.50 |
| | 444 | 0.28 ~ 2.00 | 0.28 ~ 2.00 | 0.45 ~ 1.50 |
| | 410 / 420J | 0.36 ~ 3.00 | 0.36 ~ 3.00 | |
| | BA | 201 / 202 / 204 | 0.31 ~ 2.00 | 0.31 ~ 2.00 |
| 304 (L/Q) / 316 (L) | | 0.31 ~ 2.00 | 0.31 ~ 2.00 | |
| 309 (S) | | 0.28 ~ 2.00 | 0.28 ~ 2.00 | |
| 430 (B/T) | | 0.28 ~ 2.00 | 0.28 ~ 2.00 | |
| 439 | | 0.28 ~ 0.86 | 0.28 ~ 0.86 | |
| 445 | 0.28 ~ 0.86 | 0.28 ~ 0.86 | | |

表面品級&訂購須知

| Surface finish & Information needed for ordering |

| 表面品級 SURFACE FINISH | 定義 Definition | 用途例 Application |
|------------------------|--|---|
| No.1 | 熱軋後施以熱處理、酸洗或同等處理。 The surface is finished by heat treatment and pickling or processes corresponding thereto after hot rolling. | 化學用桶槽、配管。 Chemical tank, pipe. |
| No.2D | 經冷軋後，實施熱處理、酸洗或其它相當之處理，此外，亦包括利用鈍面處理軋輥做程度之最後冷加工者。 Those finished, after cold rolling, by heat treatment, pickling or other equivalent treatment. | 熱交換器、排水管。 Heat exchanger, exhaust pipe. |
| No.2B | 經冷軋後，實施熱處理、酸洗或其它相當之處理，再以冷軋加工使表面為適當之光亮程度者。 Those finished, after cold rolling, by heat treatment, pickling or other equivalent treatment and lastly by cold rolling to give an appropriate luster. | 醫療器材、食品工業、建築用材料、餐廚用具。 Medical equipment, food industry, construction material, kitchen utensils. |
| BA | 經冷軋後實施輝面熱處理。 Those processed with bright heat treatment after cold rolling. | 餐廚用具、電器、建築裝潢。 Kitchen utensils, electric equipment, building construction. |
| No.3 | 以100-120號研磨材料研磨加工者。 Those finished by polishing with #100 to #120 abrasives specified in JIS R6001. | 餐廚用具、建築裝潢。 Kitchen utensils, building construction. |
| No.4 | 以150-180號研磨材料研磨加工者。 Those finished by polishing with #150 to #180 abrasives specified in JIS R6001. | 餐廚用具、建築裝潢、醫療器材。 Kitchen utensils, building construction, Medical equipment. |
| HL | 以適當粒度之研磨材料加工而使表面附有連續研磨條紋者。 Those finished by polishing so as to give continuous polishing streaks by using abrasives of suitable grain size. | 建築裝潢。 Building construction. |

| 項次 Item | 註明項目 Information | 範例 Example |
|-------------------------------------|---|---|
| 品名 Product | HRP-S, HRB-S, HRC-S, SLB-S, CRC-S, BLT-S | CRC-S |
| 規格 / 鋼種 Specification / Steel Grade | ASTM A240 S30400, JIS G4305 SUS304 | JIS G4305 SUS304 |
| 表面品級 Surface Finish | Black, No.1, No.2D, No.2B, BA, No.3, No.4, HL(Hair Line) | No.2B |
| 成型級別 Forming Grade | DQ, DDQ | DQ |
| 尺寸 Dimension | 厚度 X 寬度 X 長度(Coil) Thickness X Width X Length(Coil) | 2.0mm X 1219mm X C |
| 重量限制 Coil Weight(Min./Max.) | 公噸 Metric Ton | 5-10 MT |
| 內徑 Inner Diameter | 508mm, 610mm, 760mm | 610mm |
| 內襯紙 Interleaf paper | Yes / No | Yes |
| 切邊狀態 Edge Type | 軋邊/切邊 Mill Edge / Cut Edge | 切邊 Cut Edge |
| 包裝方法 Packing Type | 內銷包裝/外銷包裝 Domestic Packing / Export Packing | 外銷包裝 Export Packing |
| 訂購量 Order Volume | 公噸 Metric Ton | 100 MT |
| 交貨日期 Delivery Date | _年_月 Year Month | 87 (1998) 年3月 1998.03 |
| 用途 Application | 再軋延、拋光、配管、裝潢管 Re-Rolling, Polishing, Piping, Tubing. | 拋光 Polishing |
| 特殊需求 Special requirement | 化學成分、尺寸公差 Chemical Composition, Dimensional Tolerance. | 厚度朝負公差生產 Thickness: aiming FOR light side. |

備註:

燁聯公司產品代號及中英文名稱對照 Remark: English-Chinese expression of YUSCO, s products.

(A)HRP-S: 熱軋不銹鋼板(Hot Rolled Stainless Steel Plate)

(B)HRB-S: 熱軋不銹鋼黑皮鋼捲(Hot Rolled Stainless Steel Strip-Black)

(C)HRC-S: 熱軋不銹鋼No.1鋼捲((Hot Rolled Stainless Steel Sheet Strip-No.1)

(D)CRC-S: 冷軋不銹鋼鋼捲(Cold Rolled Stainless Steel Sheet Strip)

(E)BLT-S: 不銹鋼小鋼胚(Stainless Steel Billet)

(F)SLB-S: 不銹鋼扁鋼胚(Stainless Steel Slab)

重量計算

| Weight Calculation |

| | | | | |
|-------------|----------------|---------|--------------------------|--------------------------|
| 長度Length | ft | inch | mm | m |
| | 1 | 12 | 304.8 | 0.3048 |
| | 0.083333 | 1 | 25.4 | 0.0254 |
| | 0.003281 | 0.03937 | 1 | 0.001 |
| 重量 Weight | 1kg=2.20462 1b | | | |
| 強度 Strength | KSI(=1000psi) | psi | kgf/mm ² | N/mm ² (MPa) |
| | 1 | 1000 | 0.703070 | 6.89476 |
| | 0.001 | 1 | 7.03070x10 ⁻⁴ | 6.89476x10 ⁻³ |
| | 1.42233 | 1422.33 | 1 | 9.80665 |
| | 0.145038 | 145.038 | 0.101972 | 1 |

理論重量計算公式 calculation of Theoretic Weight

| | |
|--------------------------------|--|
| 鋼品理論重量 Theoretic Weight | 重量(kg)=厚度(mm)X寬度(m)X長度(m)X密度值 Weight(kg)=Thickness(mm) X Width(m) X Length(m) X Density(g/cm ³) |
| 密度值Density(g/cm ³) | 鋼種 Steel Grade |
| 7.93 | 301,302,304,304L,305,321 |
| 7.98 | 309S,301S,316,316L,347 |
| 7.75 | 405,409,410,420 |
| 7.70 | 430,434 |
| 7.85 | 碳鋼 (Carbon Steel) |

不銹鋼鋼板重量表 Weight Table of Stainless Steel Plate

| 鋼種 Steel Grade | 重量W (kg) 厚T(mm) 寬Wx長L(mm) | 3.0 | 2.5 | 2.0 | 1.5 | 1.2 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 |
|------------------------|---------------------------------|--------|-------------|------|------|------|------|------|------|------|------|------|------|------|
| | | SUS304 | 1000 X 2000 | 47.6 | 39.7 | 31.7 | 23.8 | 19.0 | 15.9 | 14.3 | 12.7 | 11.1 | 9.52 | 7.93 |
| 1219 X 2438(4' x 8') | 70.7 | | 58.9 | 47.1 | 35.4 | 28.3 | 23.6 | 21.2 | 18.9 | 16.5 | 14.1 | 11.8 | 9.43 | 7.07 |
| 1250 X 2500 | 74.3 | | 62.0 | 49.6 | 37.2 | 29.7 | 24.8 | 22.3 | 19.8 | 17.3 | 14.9 | 12.4 | 9.91 | 7.43 |
| 1219 X 3048(4' x 10') | 88.4 | | 73.7 | 58.9 | 44.2 | 35.4 | 29.5 | 26.5 | 23.6 | 20.6 | 17.7 | 14.7 | 11.8 | 7.84 |
| 1250 X 3000 | 89.2 | | 74.3 | 59.5 | 44.6 | 35.7 | 29.7 | 26.8 | 23.8 | 20.8 | 17.8 | 14.9 | 11.9 | 8.90 |
| 1524 X 3048 (5' x 10') | 110.5 | | 92.1 | 73.3 | 55.3 | 44.2 | 36.8 | 33.2 | 29.5 | 25.8 | 22.1 | 18.4 | 14.7 | 11.1 |
| 1500 X 3000 | 107.1 | | 89.2 | 71.4 | 53.5 | 42.8 | 35.7 | 32.1 | 28.5 | 25.0 | 21.4 | 17.8 | 14.3 | 10.7 |
| 1000 X 2000 | 46.2 | | 38.5 | 30.8 | 23.1 | 18.5 | 15.4 | 13.9 | 12.3 | 10.8 | 9.24 | 7.70 | 6.16 | 4.62 |
| 1219 X 2438(4' x 8') | 68.7 | | 57.2 | 45.8 | 34.3 | 27.5 | 22.9 | 20.6 | 18.3 | 16.0 | 13.7 | 11.4 | 9.15 | 6.87 |
| 1250 X 2500 | 72.2 | | 60.2 | 48.1 | 36.1 | 28.9 | 24.1 | 21.7 | 19.3 | 16.8 | 14.4 | 12.0 | 9.63 | 7.22 |
| 1250 X 3000(4' x 10') | 85.8 | | 71.5 | 57.2 | 42.9 | 34.3 | 28.6 | 25.7 | 22.9 | 20.0 | 17.2 | 14.3 | 11.4 | 8.58 |
| 1250 X 3000 | 86.6 | | 72.2 | 57.8 | 43.3 | 34.7 | 28.9 | 26.0 | 23.1 | 20.2 | 17.3 | 14.4 | 11.6 | 8.66 |

展望、願景

| Vision |



■ 燁聯以「成為全球最具競爭力的幸福企業」為公司願景，重視員工職場幸福，提供安全和諧的工作環境，並以顧客為導向，提供「更大、更快、更好」的產品與服務。

「更大」將致力於新市場擴張、新客戶開發及新據點建立。

「更快」將致力於建立快速回應調整系統，反應快、決策快、交期快、服務快。

「更好」將致力於提供更好的品質產品以及更好的服務來滿足客戶需求。

■ YUSCO aims to be 'the most competitive corporation of happiness around the world'. We highly valued our employees' well-being and running a safe and harmonious workplace. We also quite consumer oriented via providing 'greater, faster and better' products and services.

"Greater" market share as well as customer and market number;

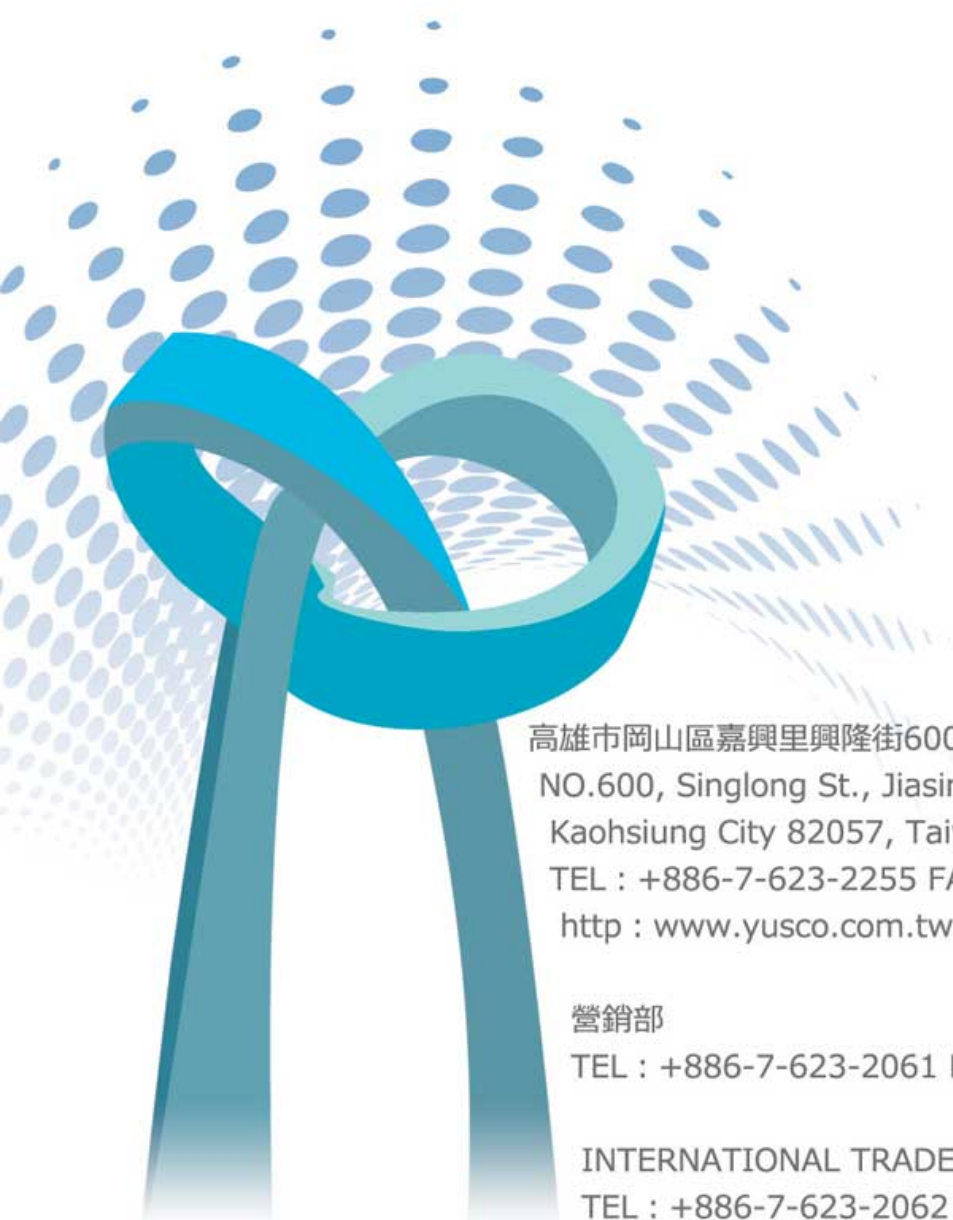
"Faster" responsive system, decision making, order delivery, and service;

"Better" product quality and customer service to meet customer demands.

更好
BETTER

更大
BIGGER

更快
FASTER



高雄市岡山區嘉興里興隆街600號

NO.600, Singlong St., Jiasing Village, Gangshan District,
Kaohsiung City 82057, Taiwan (R.O.C)

TEL : +886-7-623-2255 FAX : +886-7-623-3148

[http : www.yusco.com.tw](http://www.yusco.com.tw)

營銷部

TEL : +886-7-623-2061 FAX : +886-7-622-8675

INTERNATIONAL TRADEING DIVISION

TEL : +886-7-623-2062 FAX : +886-7-622-6455