

Material Science	材料科学	
Material Science Definition	材料科学定义	
Machinability	[m ʔ?i:n ʔ'biliti]	加工性能
Strength	[streʔ]	强度
Corrosion & resistance durability	[k ʔ'r ʔʔ ʔʔ n] &[ri'zist ʔns]	['dj ʔ r ʔ'b ?l ʔtʔ] 抗腐蚀及耐用
Special metallic features		金属特性
Allergic, re-cycling & environmental protection		抗敏感及环境保护
Chemical element		化学元素
Atom of Elements		元素的原子序数
Atom and solid material		原子及固体物质
Atom Constitutes		原子的组织图
Periodic Table		周期表
Atom Bonding		原子键结合
Metal and Alloy		金属与合金
Ferrous & Non Ferrous Metal		铁及非铁金属
Features of Metal		金属的特性
Crystal Pattern		晶体结构
Crystal structure, Space lattice & Unit cell		晶体结构，定向格子及单位晶格
X –ray crystal analytics method	X	线结晶分析法
Metal space lattice		金属结晶格子
Lattice constant		点阵常数
Mill's Index		米勒指数
Metal Phase and Phase Rule		金相及相律
Solid solution		固熔体
Substitutional type solid solution		置换固熔体
Interstitial solid solution		间隙固熔体
Intermetallic compound		金属间化合物
Transformation		转变
Transformation Point		转变点
Magnetic Transformation		磁性转变
Allotropic Transformation		同素转变
Thermal Equilibrium		热平衡
Degree of freedom		自由度
Critical temperature		临界温度
Eutectic		共晶
Peritectic	[.peri 'telktʃ]	包晶温度
Peritectic Reaction		包晶反应
Peritectic Alloy		包晶合金
Hypoeutectic Alloy		亚共晶体
Hypereutectic Alloy		过共晶体
Plastic Deformation		金属塑性
Slip Plan		滑动面
Distortion		畸变
Work Hardening		硬化
Annealing		退火
Crystal Recovery		回复柔软
Recrystallization		再结晶
Properties & testing of metal		金属材料的性能及试验
Chemical Properties		化学性能
Physical Properties		物理性能
Magnetism		磁性
Specific resistivity & specific resistance		比电阻
Specific gravity & specific density		比重
Specific Heat		比热
热膨胀系数		Coefficient of thermal expansion

导热度 Heat conductivity
机械性能 Mechanical properties
屈服强度 (降伏强度) (Yield strength)
弹性限度、杨氏弹性系数及屈服点 elastic limit, Young's module of elasticity to yield point
伸长度 Elongation
断面缩率 Reduction of area
破坏性检验 destructive inspections
渗透探伤法 Penetrate inspection
磁粉探伤法 Magnetic particle inspection
放射线探伤法 Radiographic inspection
超声波探伤法 Ultrasonic inspection
显微观察法 Microscopic inspection
破坏的检验 Destructive Inspection
冲击测试 Impact Test
疲劳测试 Fatigue Test
蠕变试验 Creep Test
潜变强度 Creeps Strength
第一潜变期 Primary Creep
第二潜变期 Secondary Creep
第三潜变期 Tertiary Creep
主要金属元素之物理性质 Physical properties of major Metal Elements
工业标准及规格 –铁及非铁金属 Industrial Standard –Ferrous & Non –ferrous Metal
磁力 Magnetic
简介 General
软磁 Soft Magnetic
硬磁 Hard Magnetic
磁场 Magnetic Field
磁性感应 Magnetic Induction
导磁率 [系数 ,性] Magnetic Permeability
磁化率 Magnetic Susceptibility (Xm)
磁力 (Magnetic Force) 及磁场 (Magnetic Field) 是因物料里的电子 (Electron) 活动而产生抗磁体、顺磁体、铁磁体、反铁磁体及亚铁磁体 Diamagnetism, Paramagnetic, Ferromagnetisms, Antiferromagnetism & Ferrimagnetisms
抗磁体 Diamagnetism
磁偶极子 Dipole
负磁力效应 Negative effect
顺磁体 Paramagnetic
正磁化率 Positive magnetic susceptibility
铁磁体 Ferromagnetism
转变元素 Transition element
交换能量 Positive energy exchange
外价电子 Outer valence electrons
化学结合 Chemical bond
自发上磁 Spontaneous magnetization
磁畴 Magnetic domain
相反旋转 Opposite span
比较抗磁体、顺磁体及铁磁体 Comparison of Diamagnetism, Paramagnetic & Ferromagnetism
反铁磁体 Antiferromagnetism
亚铁磁体 Ferrimagnetism
磁矩 magnetic moment
净磁矩 Net magnetic moment
钢铁的主要成份 The major element of steel
钢铁用 " 碳 " 之含量来分类 Classification of Steel according to Carbon contents
铁相 Steel Phases
钢铁的名称 Name of steel

铁素体 Ferrite
渗碳体 Cementite
奥氏体 Austenite
珠光体及共析钢 Pearlite & Eutectoid
奥氏体碳钢 Austenite Carbon Steel
单相金属 Single Phase Metal
共析变态 Eutectoid Transformation
珠光体 Pearlite
亚共析体 Hypo-Eutectoid
初析纯铁体 Pro-eutectoid ferrite
过共析钢 Hype-eutectoid
粗珠光体 Coarse pearlite
中珠光体 Medium Pearlite
幼珠光体 Fine pearlite
磁性变态点 Magnetic Transformation
钢铁的制造 Manufacturing of Steel
连续铸造法 Continuous casting process
电炉 Electric furnace
均热炉 Soaking pit
全静钢 Killed steel
半静钢 Semi-killed steel
沸腾钢 (未净钢) Rimmed steel
钢铁生产流程 Steel Production Flow Chart
钢材的熔铸、锻造、挤压及延轧 The Casting, Forging, Extrusion, Rolling & Steel
熔铸 Casting
锻造 Forging
挤压 Extrusion
延轧 Rolling
冲剪 Drawing & stamping
特殊钢以元素分类 Classification of Special Steel according to Element
特殊钢以用途来分类 Classification of Special Steel according to End Usage 易车 (快削) 不锈钢 Free
Cutting Stainless Steel
含铅易车钢 Lead Free Cutting Steel
含硫易车钢 Sulphur Free Cutting Steel
硬化性能 Hardenability
钢的脆性 Brittleness of Steel
低温脆性 Cold brittleness
回火脆性 Temper brittleness
日工标准下的特殊钢材 Specail Steel according to JIS Standard
铬钢 -日工标准 JIS G4104 Chrome steel to JIS G4104
铬钼钢钢材 -日工标准 G4105 62 Chrome Molybdenum steel to JIS G4105
镍铬 -日工标准 G4102 63 Chrome Nickel steel to JIS G4102
镍铬钼钢 -日工标准 G4103 64 Nickel, Chrome & Molybdenum Steel to JIS G4103
高锰钢铸 -日工标准 High manganese steel to JIS standard
片及板材 Chapter Four-Strip, Steel & Plate
冷轧低碳钢片 (双单光片)(日工标准 JIS G3141) 73 - 95 Cold Rolled (Low carbon) Steel Strip (to JIS G 3141)
简介 General
美标试标准的冷轧低碳钢片 Cold Rolled Steel Strip American Standard –American Society for
testing and materials (ASTM)
日工标准 JIS G3141
冷轧低碳钢片 (双单光片) 的编号浅释 Decoding of cold rolled(Low carbon)steel strip JIS G3141
材料的加工性能 Drawing ability
硬度 Hardness
表面处理 Surface finish

冷軋鋼捆片及張片制作流程圖表 Production flow chart cold rolled steel coil sheet
冷軋鋼捆片及張片的電鍍和印刷方法 Cold rolled steel coil & sheet electro-plating & painting method
冷軋（低碳）鋼片的分類用途、工業標準、品質、加熱狀態及硬度表 End usages, industrial standard, quality, condition and hardness of cold rolled steel strip
硬度及拉力 Hardness & Tensile strength test
拉伸測試（順紋測試） Elongation test
杯突測試（厚度：0.4 公厘至 1.6 公厘，準確至 0.1 公厘 3 個試片平均數） Erichsen test (Thickness: 0.4mm to 1.6mm, figure round up to 0.1mm)
曲面（假曲率） Camber
厚度及闊度公差 Tolerance on Thickness & Width
平坦度（闊度大於 500 公厘，標準回火） Flatness (width>500mm, temper: standard)
彎度 Camber
冷軋鋼片儲存與處理提示 General advice on handling & storage of cold rolled steel coil & sheet
防止生銹 Rust Protection
生銹速度表 Speed of rusting
焊接 Welding
氣焊 Gas Welding
埋弧焊 Submerged-arc Welding
電阻焊 Resistance Welding
冷軋鋼片（拉力：30-32 公斤/平方米）在沒有表面處理狀態下的焊接狀況 Spot welding conditions for bared (free from paint, oxides etc) Cold rolled mild steel sheets(T/S:30-32 Kgf/μm2)
時間效應（老化）及拉伸應變 Aging & Stretcher Strains
日工標準 (JIS G3141)
冷軋鋼片化學成份 Chemical composition –cold rolled steel sheet to JIS G3141
冷軋鋼片的 " 理論重量 " 計算方程式 Cold Rolled Steel Sheet –Theoretical mass 日工標準 (JIS G3141)
冷軋鋼片重量列表 Mass of Cold-Rolled Steel Sheet to JIS G3141
冷軋鋼片訂貨需知
Ordering of cold rolled steel strip/sheet 其它日工標準冷軋鋼片 （用途及編號）JIS standard & application of other cold Rolled Special Steel
電鍍鋅鋼片或電解鋼片
Electro-galvanized Steel Sheet/Electrolytic Zinc Coated Steel Sheet
電解 / 電鍍鋅大大增強鋼片的防銹能力
Galvanic Action improving Weather & Corrosion Resistance of the Base Steel Sheet
上漆能力 Paint Adhesion
電鍍鋅鋼片的焊接 Welding of Electro-galvanized steel sheet
點焊 Spot welding
滾焊 Seam welding
電鍍鋅（電解）鋼片 Electro-galvanized Steel Sheet
生產流程 Production Flow Chart
常用的鍍鋅鋼片（電解片）的基層金屬、用途、日工標準、美材標準及一般厚度 Base metal, application, JIS & ASTM standard, and Normal thickness of galvanized steel sheet
鍍鋅層質量 Zinc Coating Mass
表面處理 Surface Treatment
冷軋鋼片 Cold-Rolled Steel Sheet/Strip
熱軋鋼片 Hot-Rolled Sheet/Strip
電解冷軋鋼片厚度公差 Thickness Tolerance of Electrolytic Cold-rolled sheet
熱軋鋼片厚度公差 Thickness Tolerance of Hot-rolled sheet
冷軋或熱軋鋼片闊度公差 Width Tolerance of Cold or Hot-rolled sheet
長度公差 Length Tolerance
理論質量 Theoretical Mass
鍍鋅層質量（兩個相同鍍鋅層厚度） Mass Calculation of coating (For equal coating)/MM
鍍鋅層質量（兩個不同鍍鋅層厚度） Mass Calculation of coating (For differential coating)/MM
鍍錫薄鐵片（白鐵皮 / 馬口鐵）（日工標準 JIS G3303）
簡介 General

镀锡薄铁片的构造 Construction of Electrolytic Tinplate

镀锡薄钢片 (白铁皮 / 马日铁) 制造过程 Production Process of Electrolytic Tinplate

锡层质量 Mass of Tin Coating (JIS G3303-1987)

两面均等锡层 Both Side Equally Coated Mass

两面不均等锡层 Both Side Different Thickness Coated Mass

级别、电镀方法、镀层质量及常用称号 Grade, Plating type, Designation of Coating Mass & Common Coating Mass

镀层质量标记 Markings & Designations of Differential Coatings

硬度 Hardness

单相轧压镀锡薄铁片 (白铁皮 / 马口铁) Single-Reduced Tinplate

双相辗压镀锡薄钢片 (马口铁 / 白铁皮) Dual-Reduction Tinplate

钢的种类 Type of Steel

常用尺寸 Commonly Used Size

电器用硅 [硅] 钢片 Electrical Steel Sheet

简介 General

软磁材料 Soft Magnetic Material

滞后回线 Narrow Hysteresis

矫顽磁力 Coercive Force

硬磁材料 Hard Magnetic Material

最大能量积 Maximum Energy Product

硅含量对电器用的低碳钢片的最大好处 The Advantage of Using Silicon low Carbon Steel

晶粒取向 (Grain-Oriented) 及非晶粒取向 (Non-Oriented) Grain Oriented & Non-Oriented

电器用硅 [硅] 钢片的最终用途及规格 End Usage and Designations of Electrical Steel Strip

电器用的硅 [硅] 钢片之分类 Classification of Silicon Steel Sheet for Electrical Use

电器用钢片的绝缘涂层 Performance of Surface Insulation of Electrical Steel Sheets

晶粒取向电器用硅钢片主要工业标准 International Standard –Grain-Oriented Electrical Steel Silicon Steel Sheet for Electrical Use

晶粒取向电器用硅钢片 Grain-Oriented Electrical Steel

晶粒取向，定取向芯钢片及高硼定取向芯钢片之磁力性能及夹层系数 (日工标准及美材标准) Magnetic Properties and Lamination Factor of SI-ORIENT-CORE& SI-ORIENT-CORE-HI B Electrical Steel Strip (JIS and AISI Standard)

退火 Annealing

电器用钢片用家需自行应力退火原因 Annealing of the Electrical Steel Sheet

退火时注意事项 Annealing Precautionary

碳污染 Prevent Carbon Contamination

热力应先从工件边缘透入 Heat from the Laminated Stacks Edges

提防过份氧化 No Excessive Oxidation

应力退火温度 Stress –relieving Annealing Temperature

绝缘表面 Surface Insulation

非晶粒取向电力用钢片的电力、磁力、机械性能及夹层系数 Lamination Factors of Electrical, Magnetic & Mechanical Non-Grain Oriented Electrical

电器及家电外壳用镀层冷辗 [低碳] 钢片 Coated (Low Carbon) Steel Sheets for Casing,Electricals & Home Appliances

镀铝硅钢片 Aluminized Silicon Alloy Steel Sheet

镀铝硅合金钢片的特色 Feature of Aluminized Silicon Alloy Steel Sheet

用途 End Usages

抗化学品能力 Chemical Resistance

镀铝 (硅) 钢片 –日工标准 (JIS G3314) Hot-aluminum-coated sheets and coils to JIS G 3314

镀铝 (硅) 钢片 –美材试标准 (ASTM A-463-77)35.7 JIS G3314

镀热浸铝片的机械性能 Mechanical Properties of JIS G 3314 Hot-Dip Aluminum-coated Sheets and Coils

公差 Size Tolerance

镀铝 (硅) 钢片及其它种类钢片的抗腐蚀性能比较 Comparsion of various resistance of aluminized steel & other kinds of steel

镀铝 (硅) 钢片生产流程 Aluminum Steel Sheet, Production Flow Chart

焊接能力	Weldability
镀铝钢片的焊接状态	(比较冷辗钢片) Tips on welding of Aluminized sheet in comparasion with cold rolled steel strip
钢板	Steel Plate
钢板用途分类及各国钢板的工业标准包括日工标准及美材试标准	Type of steel Plate & Related JIS, ASTM and Other Major Industrial Standards
钢板生产流程	Production Flow Chart
钢板订货需知	Ordering of Steel Plate
不锈钢	Stainless Steel
不锈钢的定义	Definition of Stainless Steel
不锈钢之分类，耐腐蚀性及耐热性	Classification, Corrosion Resistant & Heat Resistance of Stainless Steel
铁铬系不锈钢片	
Chrome Stainless Steel	
马氏体不锈钢	
Martensite Stainless Steel	
低碳马氏体不锈钢	
Low Carbon Martensite Stainless Steel	
含铁体不锈钢	
Ferrite Stainless Steel	
镍铬系不锈钢	
Nickel Chrome Stainless Steel	
释出硬化不锈钢	
Precipitation Hardening Stainless Steel	
铁锰铝不锈钢	
Fe / Mn / Al / Stainless Steel	
不锈钢的磁性	
Magnetic Property & Stainless Steel	
不锈钢箔、卷片、片及板之厚度分类	
Classification of Foil, Strip, Sheet & Plate by Thickness	
表面保护胶纸	
Surface protection film	
不锈钢片材常用代号	
Designation of SUSSteel Special Use Stainless	表面处理 Surface finish 薄卷片及薄片 (0.3 至 2.9mm 厚之片) 机械性能
Mechanical Properties of Thin Stainless Steel(Thickness from 0.3mm to 2.9mm)	–strip/sheet
不锈钢片机械性能 (301, 304, 631, CSP)	Mechanical Properties of Spring use Stainless Steel
不锈钢 种类，工业标准，化学成份，特点及主要用途	
Stainless Steel	–Type, Industrial Standard, Chemical Composition, Characteristic & end usage of the most commonly used Stainless Steel
不锈钢薄片用途例	
End Usage of Thinner Gauge	
不锈钢片、板用途例	
Examples of End Usages of Strip, Sheet & Plate	
不锈钢应力退火卷片常用规格名词图解	
General Specification of Tension Annealed Stainless Steel Strips	
耐热不锈钢	
Heat-Resistance Stainless Steel	
镍铬系耐热不锈钢特性、化学成份、及操作温度	
Heat-Resistance Stainless Steel	
铬系耐热钢	
Chrome Heat Resistance Steel	
镍铬耐热钢	
Ni - Cr Heat Resistance Steel	
超耐热钢	

Special Heat Resistance Steel
抗热超级合金
Heat Resistance Super Alloy
耐热不锈钢比重表
Specific Gravity of Heat –resistance steel plates and sheets stainless steel
不锈钢材及耐热钢材标准对照表
Stainless and Heat-Resisting Steels
发条片 Power Spring Strip
发条的分类及材料 Power Spring Strip Classification and Materials
上链发条 Wind-up Spring
倒后擦发条 Pull Back Power Spring
圆面 (" 卜竹 ")
发条 Convex Spring Strip
拉尺发条 Measure Tape
魔术手环 Magic Tape
魔术手环尺寸图 Drawing of Magic Tap
定型发条 Constant Torque Spring
定型发条及上炼发条的驱动力 Spring Force of Constant Torque Spring and Wing-up Spring
定型发条的形状及翻动过程 Shape and Spring Back of Constant Torque Spring
定型发条驱动力公式及代号 The Formula and Symbol of Constant Torque Spring
边缘处理 Edge Finish
硬度 Hardness
高碳钢化学成份及用途 High Carbon Tool Steel, Chemical Composition and Usage
每公斤发条的长度简易公式 The Length of 1 Kg of Spring Steel Strip SK-5 & AISI-301
每公斤长的重量 / 公斤 (阔 100-200 公厘) Weight per one meter long (kg) (Width 100-200mm) SK-5 & AISI-301
每公斤之长度 (阔 100-200 公厘) Length per one kg (Width 100-200mm) SK-5 & AISI-301
每公尺长的重量 / 公斤 (阔 2.0-10 公厘) Weight per one meter long (kg) (Width 2.0-10mm) SK-5 & AISI-301
每公斤之长度 (阔 2.0-10 公厘) Length per one kg (Width 2.0-10mm)
高碳钢片 High Carbon Steel Strip
分类 Classification
用组织结构分类 Classification According to Grain Structure
用含碳量分类 –即低碳钢、中碳钢及高碳钢 Classification According to Carbon Contains
弹簧用碳钢片 Carbon Steel Strip For Spring Use
冷轧状态 Cold Rolled Strip
回火状态 Annealed Strip
淬火及回火状态 Hardened & Tempered Strip/ Precision –Quenched Steel Strip
贝氏体钢片 Bainite Steel Strip
弹簧用碳钢片材之边缘处理 Edge Finished
淬火剂 Quenching Media
碳钢回火 Tempering
回火有低温回火及高温回火 Low & High Temperature Tempering
高温回火 High Temperature Tempering
退火 Annealing
完全退火 Full Annealing
扩散退火 Diffusion Annealing
低温退火 Low Temperature Annealing
中途退火 Process Annealing
球化退火 Spheroidizing Annealing
光辉退火 Bright Annealing
淬火 Quenching
时间淬火 Time Quenching
奥氏铁孺回火 Austempering
马氏铁体淬火 Marquenching

高碳钢片用途 End Usage of High Carbon Steel Strip
冷轧高碳钢 日本工业标准 Cold-Rolled (Special Steel) Carbon Steel Strip to JIS G3311
电镀金属钢片 Plate Metal Strip
电镀金属捆片的优点 Advantage of Using Plate Metal Strip
金属捆片电镀层 Plated Layer of Plated Metal Strip
镀镍 Nickel Plated
镀铬 Chrome Plated
镀黄铜 Brass Plated
基层金属 Base Metal of Plated Metal Strip
低碳钢或铁基层金属 Iron & Low Carbon as Base Metal
不锈钢基层金属 Stainless Steel as Base Metal
铜基层金属 Copper as Base Metal
黄铜基层金属 Brass as Base Metal
轴承合金 Bearing Alloy
轴承合金 日工标准 JIS H 5401 Bearing Alloy to JIS H 5401
锡基、铅基及锌基轴承合金比较表 Comparison of Tin base, Lead base and Zinc base alloy for Bearing purpose
易溶合金 Fusible Alloy
焊接合金 Soldering and Brazing Alloy
软焊 Soldering Alloy
软焊合金 日本标准 JIS H 4341 Soldering Alloy to JIS H 4341
硬焊 Brazing Alloy
其它焊接材料请参阅日工标准目录 Other Soldering Material
细线材、枝材、棒材 Chapter Five Wire, Rod & Bar
线材 / 枝材材质分类及制成品 Classification and End Products of Wire/Rod
铁线 (低碳钢线) 日工标准 JIS G 3532 Low Carbon Steel Wires (Iron Wire) to JIS G 3532
光线 (低碳钢线) , 火线 (退火低碳钢线) , 铅水线 (镀锌低碳钢线) 及制造钉用低碳钢线之代号、公差及备注 Ordinary Low Carbon Steel Wire, Annealed Low Carbon Steel Wire, Galvanized low Carbon Steel Wire & Low Carbon Steel Wire for nail manufacturing - classification, Symbol of Grade, Tolerance and Remarks.
机械性能 Mechanical Properites
锌包层之重量 , 铜硫酸盐试验之酸洗次数及测试用卷筒直径 Weight of Zinc-Coating, Number of Dippings in Cupric Sulphate Test and Diameters of Mandrel Used for Coiling Test
冷冲及冷锻用碳钢线枝 Carbon Steel Wire Rods for Cold Heading & Cold Forging (to JIS G3507)
级别 , 代号及化学成份 Classification, Symbol of Grade and Chemical Composition
直径公差 , 偏圆度及脱碳层的平均深度 Diameter Tolerance, Ovality and Average Decarburized Layer Depth
冷拉钢枝材 Cold Drawn Carbon Steel Shafting Bar
枝材之美工标准 , 日工标准 , 用途及化学成份 AISI, JIS End Usage and Chemical Composition of Cold Drawn Carbon Steel Shafting Bar
冷拉钢板重量表 Cold Drawn Steel Bar Weight Table
高碳钢线枝 High Carbon Steel Wire Rod (to JIS G3506)
冷拉高碳钢线 Hard Drawn High Carbon Steel Wire (to JIS G3521, ISO-84580-1&2)
化学成份分析表 Chemical Analysis of Wire Rod
线径、公差及机械性能 (日本工业标准 G 3521) Mechanical Properties (JIS G 3521)
琴线 (日本标准 G3522) Piano Wires (to G3522)
级别 , 代号 , 扭曲特性及可用之线材直径 Classes, symbols, twisting characteristic and applied Wire Diameters
直径 , 公差及拉力强度 Diameter, Tolerance and Tensile Strength
裂纹之容许深度及脱碳层 Permissible depth of flaw and decarburized layer
常用的弹簧不锈钢线 - 编号 , 特性 , 表面处理及化学成份 Stainless Spring Wire –National Standard number, Characteristic, Surface finish & Chemical composition
弹簧不锈钢线 , 线径及拉力列表 Stainless Spring Steel, Wire diameter and Tensile strength of Spring Wire
处理及表面状况 Finish & Surface

各种不锈钢线在不同处理拉力比较表 Tensile Strength of various kinds of Stainless Steel Wire under Different Finish

圆径及偏圆度之公差 Tolerance of Wire Diameters & Ovality

铬镍不锈钢及抗热钢弹簧线材 –美国材验学会 ASTM A313 –1987 Chromium –Nickel Stainless and Heat-resisting Steel Spring Wire –ASTM A313 –1987

化学成份 Chemical Composition

机械性能 Mechanical Properties

305, 316, 321 及 347 之拉力表 Tensile Strength Requirements for Types 305, 316, 321 and 347

A1S1-302 贰级线材之拉力表 Tensile Strength of A1S1-302 Wire

日本工业标准 –不锈钢的化学成份 (先数字后字母排列) JIS –Chemical Composition of Stainless Steel (in order of number & alphabet)

美国工业标准 –不锈钢及防热钢材的化学成份 (先数字后字母排列) AISI –Chemical Composition of Stainless Steel & Heat-Resistant Steel(in order of number & alphabet)

易车碳钢 Free Cutting Carbon Steels (to JIS G4804)

化学成份 Chemical composition

圆钢枝，方钢枝及六角钢枝之形状及尺寸之公差 Tolerance on Shape and Dimensions for Round Steel Bar, Square Steel Bar, Hexagonal Steel Bar

易车 (快削) 不锈钢 Free Cutting Stainless Steel

易车 (快削) 不锈钢种类 Type of steel

易车 (快削) 不锈钢拉力表 Tensile Strength of Free Cutting Wires

枝 / 棒无芯磨公差表 (μ) ($\mu = 1/100 \text{ mm}$) Rod/Bar Centreless Grind Tolerance

易车不锈钢及易车钢之不同尺寸及硬度比较 Hardness of Different Types & Size of Free Cutting Steel

扁线、半圆线及异形线 Flat Wire, Half Round Wire, Shaped Wire and Precision Shaped Fine Wire

加工方法 Manufacturing Method

应用材料 Material Used

特点 Characteristic

用途 End Usages

不锈钢扁线及半圆线常用材料 Commonly used materials for Stainless Flat Wire & Half Round Wire

扁线公差 Flat Wire Tolerance

方线公差 Square Wire Tolerance