

2005

2006



2008

2009

**NEW BEST WIRE**  
INDUSTRIAL CO., LTD.

2007





強新工業股份有限公司



強新工業股份有限公司

- ▶ 創立:1993年
- ▶ 董事長:吳玉堂先生
- ▶ 資本額: 9.95 億元
- ▶ 主要產品:
  - 碳鋼球化線
  - 合金鋼球化線
  - 不銹鋼固溶線
  - 電解拋光超潔淨無縫鋼管
- ▶ 員工人數:280人

NEW BEST WIRE INDUSTRIAL CO., LTD.

- ▶ Established: November 25, 1993
- ▶ Chairman: Mr. Yu Tan Wu
- ▶ Capital: USD 35 Million
- ▶ Main Products:
  - Spheroidized Annealed Carbon Steel Wire
  - Spheroidized Annealed Alloy Steel Wire
  - Bright Annealed stainless Steel Wire
  - Electro-Polishing Pipe
- ▶ Number of Employees: 280

重大紀事

- ▶ 1993/11 創立強新工業股份有限公司。
- ▶ 1998/03 通過ISO9001品質認證。
- ▶ 1999/07 第一台大同STC爐投入生產。
- ▶ 2000/05 公司股票獲准上櫃，股票代號: 5013。
- ▶ 2001/01 第二台大同STC爐投入生產。
- ▶ 2002/08 大陸蘇州強新建廠完成，投入生產碳鋼球化線材及合金鋼球化線材。
- ▶ 2003/07 電解拋光工廠與無塵室完成，正式量產電解拋光管件與管配件。
- ▶ 2007/04 通過ISO/TS 16949品質認證。
- ▶ 2010/01 第三台、第四台大同STC爐投入生產。
- ▶ 2013/12 生產母線線徑達到50mm。

Milestone

- ▶ Nov. 1993 New Best Wire was established with capital of 3.5 million U.S. Dollars.
- ▶ Mar. 1998 ISO 9001 Certified.
- ▶ Jul. 1999 First STC Furnace was installed.
- ▶ May. 2000 Publicly listed in Taiwan Stock Market. Stock certificated as No.5013
- ▶ Jan. 2001 Second STC Furnace was installed.
- ▶ Aug. 2002 Suzhou New Best Wire Tech Co., Ltd. was established in China.
- ▶ Jul. 2003 The EP Dept. was established and started EP on pipes and fittings.
- ▶ Apr. 2007 ISO/TS 16949 Certified.
- ▶ Jan. 2010 Third and Fourth STC Furnace was installed.
- ▶ Dec. 2013 Start producing up to 50mm of wire Rod.

經營理念

Business Philosophy

顧客滿意 Customer Satisfaction

提供客戶值得信賴的技術諮詢與高品質產品，提昇客戶產品附加價值  
Supply reliable technical information and ultra high quality products to enhance extra value of customer's products

員工滿意 Employee Satisfaction

提供員工完整教育訓練，激發工作潛能  
Invest in employee's education, training and development to encourage the best performance

股東滿意 Shareholder Satisfaction

創造利潤，回饋分享。  
Create constant profit for greater success

社會滿意 Environment Satisfaction

創造就業機會，善盡環保責任  
Create work opportunities and implement environmental treatment

認證證書 Significant Certification

ISO/TS 16949 & ISO 9001



ISO/TS 16949:2009



ISO 9001:2008



生產產能 Capacity

Continuous Wire Drawing System 15 sets  
連伸抽線機台

Inverted Single Block Wire Drawing System 21 sets  
倒吊抽線機台

BP-Type Spheroidized Annealing Furnace 34 sets  
BP型球化退火爐

STC Spheroidized Annealing Furnace 4 sets  
STC球化退火爐

Bright Annealing Furnace 8 sets  
不銹鋼光輝退火爐

Pickling System 3 sets  
酸洗線

Skinpass System 25 sets  
精抽成品車

碳鋼線材  
月產能：7,000噸  
生產線徑：1.50mm ~ 50.00 mm

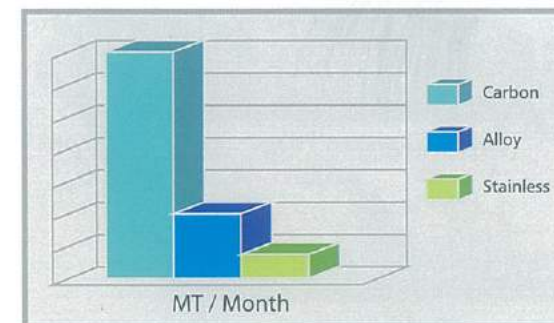
Carbon Steel Wire  
Capacity: 7,000 MT/month  
Size available: 1.50mm ~ 50.00 mm (0.039" ~ 1.969")

合金鋼線材  
月產能：2,000噸  
生產線徑：1.50mm ~ 50.00 mm

Alloy steel Wire  
Capacity: 2,000 MT/month  
Size available: 1.50mm ~ 50.00 mm (0.039" ~ 1.969")

不銹鋼線材  
月產能：1,000噸  
生產線徑：1.5 mm ~ 21.00mm

Stainless Steel Wire  
Capacity: 1,000 MT/month  
Size available: 1.5mm ~ 21.00 mm (0.059" ~ 0.827")

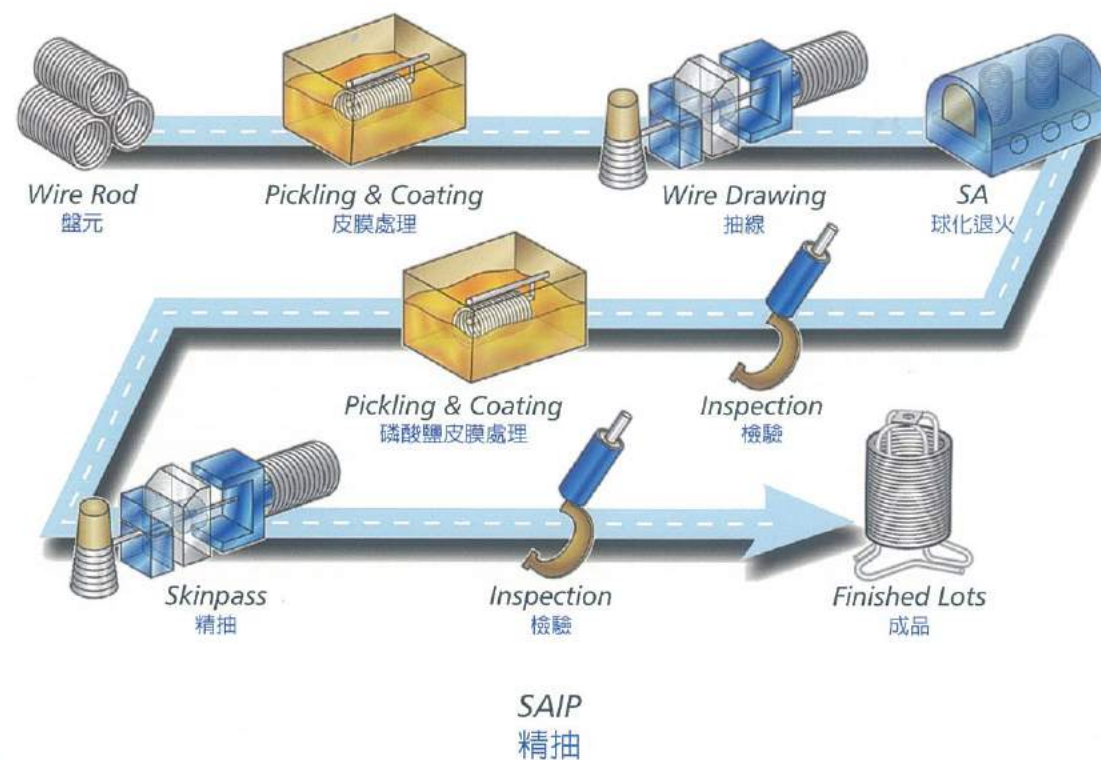


# 製程 Production Flow Chart



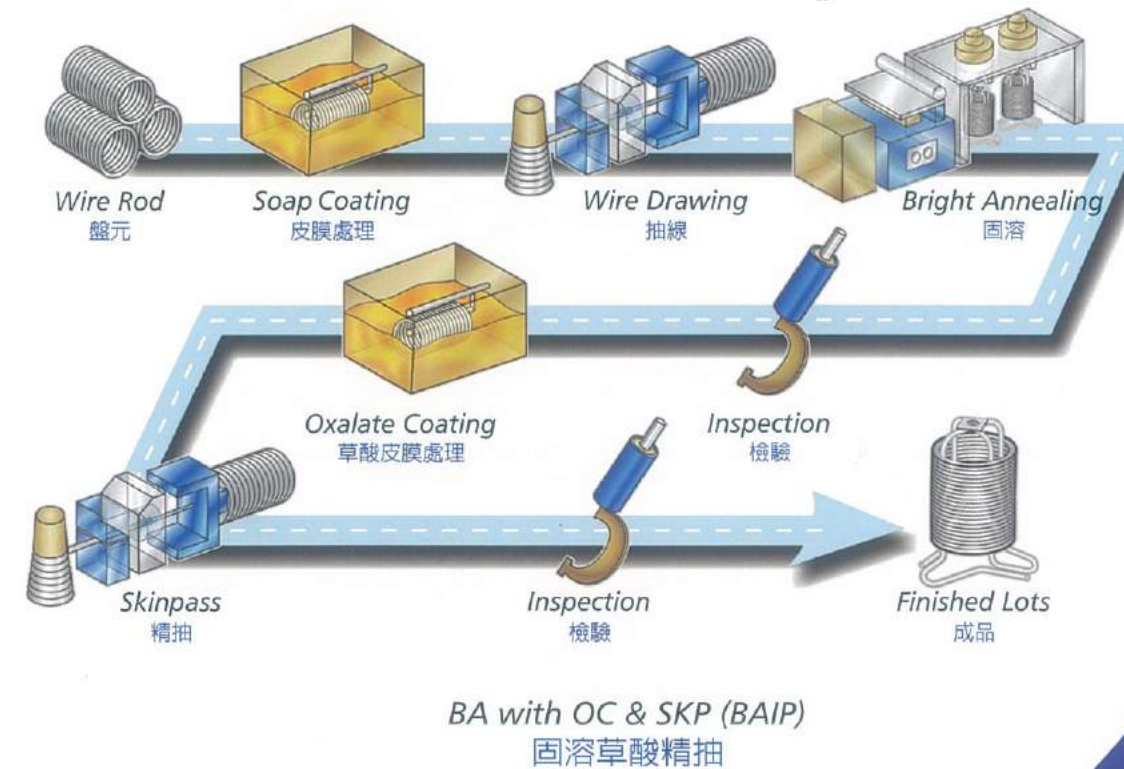
Carbon Steel 、 Alloy Steel 碳鋼、合金鋼	
Hard Drawn (HD) 生抽	PC-WD
Spheroidized Annealing At Final Size (SAFS) 焯線	PC-WD-SA-PC
Spheroidized Annealing In Process (SAIP) 精抽	PC-WD-SA-PC-SKP
PASAFS 兩球焯抽	SA-PC-WD-SA-PC
PASAIP 兩球精抽	SA-PC-WD-SA-PC-SKP

PC : Pickling & Phosphate and Lubricant Coating	PC : 磷酸鹽皮膜處理
WD : Wire Drawing	WD : 抽線
SA : Spheroidized Annealing	SA : 球化退火
SKP : Skinpass	SKP : 精抽成品



Stainless Steel 不銹鋼	
Bright Annealing (BA) 固溶	PC-WD-BA
BA with Plastic Coating (PC) 固溶+PC	PC-WD-BA-PC
BA with Skinpass (SKP) 固溶精抽	PC-WD-BA-PC-SKP
BA with Oxalate Coating & SKP (BAIP) 固溶草酸精抽	PC-WD-BA-OC-SKP

WD : Wire Drawing	WD : 抽線
BA : Bright Annealing	BA : 固溶
PC : Plastic Coating (Soap Coating)	PC : 皮膜處理
OC : Oxalate Coating	OC : 草酸皮膜處理
SKP : Skinpass	SKP : 精抽成品





尺寸規範

Dimension

Equipment Name 設備名稱	Test Article	測試項目
Universal Testing Machine 萬能測試機	1. Tensile Strength	抗拉強度
	2. Elongation	延伸率
	3. Yield Strength	降伏強度
	4. Area Reduction Ratio	斷面收縮率
	5. Upsetting Test	端壓測試
Rockwell Hardness Test Machine 洛氏硬度計	1. Hardness	硬度
Vickers Hardness Test Machine 維克氏硬度計	1. Hardness	硬度
	2. Decarburization ratio	脫碳率
	3. Microstructure	金相組織
	4. Spheroidized Grade	球化等級
	5. Grain Size	晶粒號數
	6. Material Defect	材料缺陷
ARL Metal Analyser 成分分析儀	Chemical Composition analysis	化學成分



3系不銹鋼金相  
Microstructure for 300 Series.



SCM435金相  
Microstructure for SCM435

碳鋼、合金鋼 Carbon Steel、Alloy Steel			
製程 Process	規格 Size (mm)	標準 Tolerance (mm)	徑偏差 Deviation (mm)
SAFS PASAFS	1.00~7.99	+0.02~-0.02	≤ 0.02以下
	8.00~17.99	+0.02~-0.04	≤ 0.02以下
	18.00~32.00	+0.02~-0.06	≤ 0.02以下
SAIP PASAIP	1.00~7.99	+0.00~-0.02	≤ 0.01以下
	8.00~17.99	+0.00~-0.04	≤ 0.01以下
	18.00~32.00	+0.00~-0.05	≤ 0.02以下

不銹鋼 Stainless Steel			
製程 Process	規格 Size (mm)	標準 Tolerance (mm)	徑偏差 Deviation (mm)
BA	1.50~7.99	+0.02~-0.02	≤ 0.01以下
	8.00~12.00	+0.02~-0.03	≤ 0.02以下
BAIP	1.50~7.99	+0.01~-0.01	≤ 0.01以下
	8.00~13.00	+0.00~-0.03	≤ 0.01以下

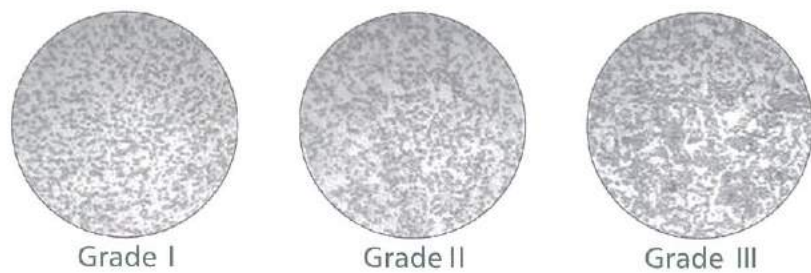


碳鋼 Carbon Steel Wire						
Grade 材質	Process 製程	Hardness 硬度		TS 抗拉強度 Kg/mm <sup>2</sup>	RA 斷面收縮率 %	
		HV	HRB			
1006AK (SWRCH6A)	SAIP	NA	Max. 75	32 ~ 42	MIN.65%	
1008AK (SWRCH8A)	SAIP	NA	Max. 75	32 ~ 42		
1010AK (SWRCH10A)	SAIP	MAX. 145	48~76	MAX. 45		
1012AK (SWRCH12A)	SAIP	MAX. 145	NA	MAX. 46		
1015AK (SWRCH15A)	SAIP	MAX. 170	50~77	37~48		
1018AK (SWRCH18A)	SAIP	130 ~ 180	56~84	40~54		
1022AK (SWRCH22A)	SAIP	130 ~ 185	58~85	41~56		
SWRCH45K	SAIP	NA	78~91	49~56		
1022SK	SAIP	140 ~ 185	70~88	43~58		
1035AK	SAIP	NA	Max. 82	46~59		
1038AK	SAIP	145 ~ 190	NA	47~57		
1038SK	SAIP	145 ~ 195	NA	47~59		
1045AK	SAIP	NA	Max. 86	51~61		
10B21	SAIP	130 ~ 185	63~89	40~57		
10B33	SAIP	145 ~ 190	76~89	46~55		
10B38	SAIP	145 ~ 195	73~91	48~59		
S35C	SAIP	NA	74~87	43~55		MIN.50%
S40C	SAIP	NA	Max. 88	45~58		MIN.50%
S45C	SAIP	NA	75~90	47~58		MIN.50%
CH1	SAIP	NA	Max. 75	32 ~ 42		MIN.65%
12L14	SAIP	MAX. 150	NA	MAX. 49	MIN.65%	
1541	SAIP	145 ~ 195	73~92	49 ~ 62	MIN.45%	

合金鋼 Alloy Steel Wire					
Grade 材質	Process 製程	Hardness 硬度		TS 抗拉強度 Kg/mm <sup>2</sup>	RA 斷面收縮率 %
		HV	HRB		
4037	SAIP	145~200	72~92	48~63	MIN.50%
4140	SAIP	145~195	77~93	49~62	
35ACR	SAIP	140~195	72~89	45~60	
40ACR	SAIP				
SCM435	SAIP	140~195	75~93	45~61	
SCM440	SAIP				
SCM435H	SAIP				
SCM440H	SAIP				
SCR415	SAIP	NA	Max. 80	43~49	

不銹鋼 Stainless Steel Wire			
Grade 材質	Process 製程	Core Hardness 中心硬度	TS 抗拉強度
		HV	kg/mm <sup>2</sup>
302HQ	BA	MAX. 150	45 ~ 63
XM7	BA	MAX. 150	45 ~ 62
304	BA	MAX. 170	54 ~ 70
304M	BA	MAX. 170	54 ~ 70
304HC	BA	MAX. 180	56 ~ 75
304J3	BA	MAX. 155	48 ~ 60
304L	BA	MAX. 170	57 ~ 70
305J1	BA	MAX. 155	47 ~ 65
316C	BA	MAX. 155	49 ~ 65
316L	BA	MAX. 145	53 ~ 63
410	BA	MAX. 160	45 ~ 62
410C	BA	MAX. 165	50 ~ 62
410J1	BA	MAX. 170	MAX. 65
430	BA	MAX. 170	44 ~ 57

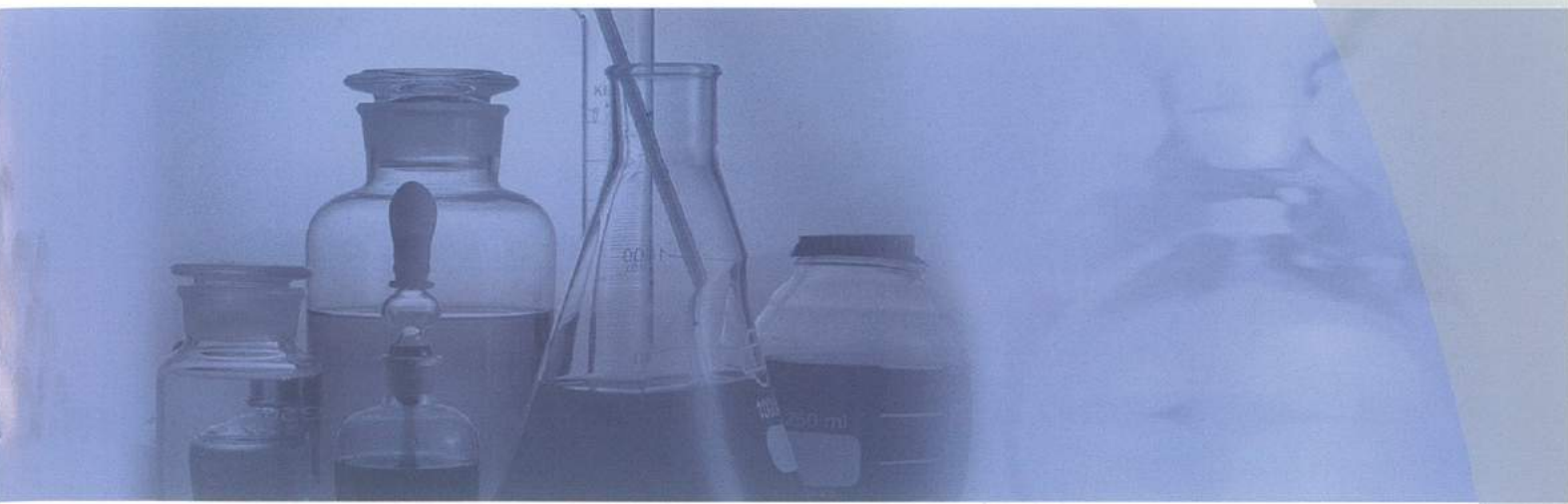
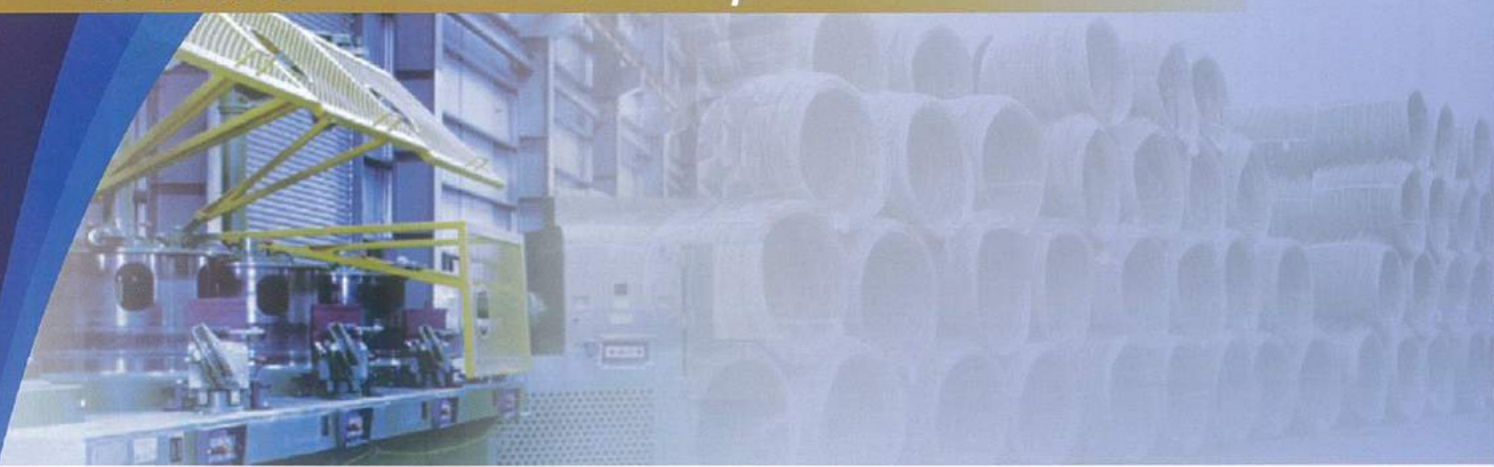
Spheroidized grade 球化等級



Grade I

Grade II

Grade III



SAE J403 Carbon Steel Wire

碳鋼

SAE No.	CHEMICAL COMPOSITION (%)			
	C	Mn	P	S
1005	0.06 max.	0.35 max.	0.030 max.	0.050 max.
1006	0.08 max.	0.25~0.40	0.030 max.	0.050 max.
1008	0.10 max.	0.30~0.50	0.030 max.	0.050 max.
1010	0.08~0.13	0.30~0.60	0.030 max.	0.050 max.
1012	0.10~0.15	0.30~0.60	0.030 max.	0.050 max.
1015	0.13~0.18	0.30~0.60	0.030 max.	0.050 max.
1016	0.13~0.18	0.60~0.90	0.030 max.	0.050 max.
1017	0.15~0.20	0.30~0.60	0.030 max.	0.050 max.
1018	0.15~0.20	0.60~0.90	0.030 max.	0.050 max.
1020	0.18~0.23	0.30~0.60	0.030 max.	0.050 max.
1021	0.18~0.23	0.60~0.90	0.030 max.	0.050 max.
1022	0.18~0.23	0.70~1.00	0.030 max.	0.050 max.
1023	0.20~0.25	0.30~0.60	0.030 max.	0.050 max.
1025	0.22~0.28	0.30~0.60	0.030 max.	0.050 max.
1026	0.22~0.28	0.60~0.90	0.030 max.	0.050 max.
1029	0.25~0.31	0.60~0.90	0.030 max.	0.050 max.
1030	0.28~0.34	0.60~0.90	0.030 max.	0.050 max.
1035	0.32~0.38	0.60~0.90	0.030 max.	0.050 max.
1037	0.32~0.38	0.70~1.00	0.030 max.	0.050 max.
1038	0.35~0.42	0.60~0.90	0.030 max.	0.050 max.
1039	0.37~0.44	0.70~1.00	0.030 max.	0.050 max.
1040	0.37~0.44	0.60~0.90	0.030 max.	0.050 max.
1042	0.40~0.47	0.60~0.90	0.030 max.	0.050 max.
1043	0.40~0.47	0.70~1.00	0.030 max.	0.050 max.
1044	0.43~0.50	0.30~0.60	0.030 max.	0.050 max.
1045	0.43~0.50	0.60~0.90	0.030 max.	0.050 max.
1046	0.43~0.50	0.70~1.00	0.030 max.	0.050 max.
1049	0.46~0.53	0.60~0.90	0.030 max.	0.050 max.
1050	0.48~0.55	0.60~0.90	0.030 max.	0.050 max.
1541	0.36~0.44	1.35~1.65	0.030 max.	0.050 max.

Remark : Above info is based on CSC's catalog. For any production alternatives please consult with us.  
備註：以上資料參考中鋼型錄，實際供貨規格依實際狀況而定。

JIS G3507 Carbon Steel Wire for Cold Heading and Cold Forging

冷打或冷鍛用碳鋼

JIS No.	CHEMICAL COMPOSITION (%)					
	C	Si	Mn	P	S	Al
SWRCH 6A	0.08 max.	0.10 max.	0.60 max.	0.030 max.	0.035 max.	0.020 min.
SWRCH 8A	0.10 max.	0.10 max.	0.60 max.	0.030 max.	0.035 max.	0.020 min.
SWRCH10A	0.08~0.13	0.10 max.	0.30~0.60	0.030 max.	0.035 max.	0.020 min.
SWRCH12A	0.10~0.15	0.10 max.	0.30~0.60	0.030 max.	0.035 max.	0.020 min.
SWRCH15A	0.13~0.18	0.10 max.	0.30~0.60	0.030 max.	0.035 max.	0.020 min.
SWRCH16A	0.13~0.18	0.10 max.	0.60~0.90	0.030 max.	0.035 max.	0.020 min.
SWRCH18A	0.15~0.20	0.10 max.	0.60~0.90	0.030 max.	0.035 max.	0.020 min.
SWRCH19A	0.15~0.20	0.10 max.	0.70~1.00	0.030 max.	0.035 max.	0.020 min.
SWRCH20A	0.18~0.23	0.10 max.	0.30~0.60	0.030 max.	0.035 max.	0.020 min.
SWRCH22A	0.18~0.23	0.10 max.	0.70~1.00	0.030 max.	0.035 max.	0.020 min.
SWRCH10K	0.08~0.13	0.10~0.35	0.30~0.60	0.030 max.	0.035 max.	-
SWRCH12K	0.10~0.15	0.10~0.35	0.30~0.60	0.030 max.	0.035 max.	-
SWRCH15K	0.13~0.18	0.10~0.35	0.30~0.60	0.030 max.	0.035 max.	-
SWRCH16K	0.13~0.18	0.10~0.35	0.60~0.90	0.030 max.	0.035 max.	-
SWRCH17K	0.15~0.20	0.10~0.35	0.30~0.60	0.030 max.	0.035 max.	-
SWRCH18K	0.15~0.20	0.10~0.35	0.60~0.90	0.030 max.	0.035 max.	-
SWRCH20K	0.18~0.23	0.10~0.35	0.30~0.60	0.030 max.	0.035 max.	-
SWRCH22K	0.18~0.23	0.10~0.35	0.70~1.00	0.030 max.	0.035 max.	-
SWRCH24K	0.19~0.25	0.10~0.35	1.35~1.65	0.030 max.	0.035 max.	-
SWRCH25K	0.22~0.28	0.10~0.35	0.30~0.60	0.030 max.	0.035 max.	-
SWRCH27K	0.22~0.29	0.10~0.35	1.20~1.50	0.030 max.	0.035 max.	-
SWRCH30K	0.27~0.33	0.10~0.35	0.60~0.90	0.030 max.	0.035 max.	-
SWRCH33K	0.30~0.36	0.10~0.35	0.60~0.90	0.030 max.	0.035 max.	-
SWRCH35K	0.32~0.38	0.10~0.35	0.60~0.90	0.030 max.	0.035 max.	-
SWRCH38K	0.35~0.41	0.10~0.35	0.60~0.90	0.030 max.	0.035 max.	-
SWRCH40K	0.37~0.43	0.10~0.35	0.60~0.90	0.030 max.	0.035 max.	-
SWRCH41K	0.36~0.44	0.10~0.35	1.35~1.65	0.030 max.	0.035 max.	-
SWRCH43K	0.40~0.46	0.10~0.35	0.60~0.90	0.030 max.	0.035 max.	-
SWRCH45K	0.42~0.48	0.10~0.35	0.60~0.90	0.030 max.	0.035 max.	-
SWRCH48K	0.45~0.51	0.10~0.35	0.60~0.90	0.030 max.	0.035 max.	-
SWRCH50K	0.47~0.53	0.10~0.35	0.60~0.90	0.030 max.	0.035 max.	-

Remark : Above info is based on CSC's catalog. For any production alternatives please consult with us.  
備註：以上資料參考中鋼型錄，實際供貨規格依實際狀況而定。

JIS G4051 Carbon Steel Wire for Machine Structure Use					
機械構造用碳鋼					
JIS No.	CHEMICAL COMPOSITION (%)				
	C	Si	Mn	P	S
S10C	0.08~0.13	0.15~0.35	0.30~0.60	0.030 max.	0.035 max.
S12C	0.10~0.15	0.15~0.35	0.30~0.60	0.030 max.	0.035 max.
S15C	0.13~0.18	0.15~0.35	0.30~0.60	0.030 max.	0.035 max.
S17C	0.15~0.20	0.15~0.35	0.30~0.60	0.030 max.	0.035 max.
S20C	0.18~0.23	0.15~0.35	0.30~0.60	0.030 max.	0.035 max.
S22C	0.20~0.25	0.15~0.35	0.30~0.60	0.030 max.	0.035 max.
S25C	0.22~0.28	0.15~0.35	0.30~0.60	0.030 max.	0.035 max.
S28C	0.25~0.31	0.15~0.35	0.60~0.90	0.030 max.	0.035 max.
S30C	0.27~0.33	0.15~0.35	0.60~0.90	0.030 max.	0.035 max.
S33C	0.30~0.36	0.15~0.35	0.60~0.90	0.030 max.	0.035 max.
S35C	0.32~0.38	0.15~0.35	0.60~0.90	0.030 max.	0.035 max.
S38C	0.35~0.41	0.15~0.35	0.60~0.90	0.030 max.	0.035 max.
S40C	0.37~0.43	0.15~0.35	0.60~0.90	0.030 max.	0.035 max.
S43C	0.40~0.46	0.15~0.35	0.60~0.90	0.030 max.	0.035 max.
S45C	0.42~0.48	0.15~0.35	0.60~0.90	0.030 max.	0.035 max.
S48C	0.45~0.51	0.15~0.35	0.60~0.90	0.030 max.	0.035 max.
S50C	0.47~0.53	0.15~0.35	0.60~0.90	0.030 max.	0.035 max.
S53C	0.50~0.56	0.15~0.35	0.60~0.90	0.030 max.	0.035 max.
S55C	0.52~0.58	0.15~0.35	0.60~0.90	0.030 max.	0.035 max.

NEW BEST Specification - Extra Low Carbon Steel Wire for Cold Heading and Cold Forging				
冷打或冷鍛用極低碳鋼				
NB No.	CHEMICAL COMPOSITION (%)			
	C	Mn	P	S
CH1	0.015 max.	0.35 max.	0.030 max.	0.030 max.
CH1T	0.010 max.	0.40 max.	0.030 max.	0.020 max.

NEW BEST Specification - Boron Steel Wire						
碳素硼鋼						
NB No.	CHEMICAL COMPOSITION (%)					
	C	Si	Mn	P	S	B
10B20	0.18~0.23	0.10 max.	0.30~0.60	0.030 max.	0.035 max.	0.0005 min.
10B21	0.18~0.23	0.10 max.	0.70~1.00	0.030 max.	0.035 max.	0.0005 min.
10B22	0.18~0.23	0.10 max.	0.70~1.00	0.030 max.	0.035 max.	0.0005 min.
10B29	0.26~0.30	0.15~0.35	0.70~1.00	0.030 max.	0.035 max.	0.0005 min.
10B30	0.28~0.34	0.15~0.35	0.70~1.00	0.030 max.	0.035 max.	0.0005 min.
10B33	0.32~0.36	0.15~0.35	0.70~1.00	0.030 max.	0.035 max.	0.0005 min.
10B38	0.35~0.42	0.15~0.35	0.70~1.00	0.030 max.	0.035 max.	0.0005 min.

Remark : Above info is based on CSC's catalog. For any production alternatives please consult with us.  
備註：以上資料參考中鋼型錄，實際供貨規格依實際狀況而定。

NEW BEST Specification - Medium Carbon Alloy Steel Wire for Cold Heading and Cold Forging							
冷打或冷鍛用中碳合金鋼							
NB No.	CHEMICAL COMPOSITION (%)						
	C	Si	Mn	P	S	Cr	Al
C-CH35ACR	0.35~0.39	0.10 max.	0.60~0.90	0.030 max.	0.030 max.	0.20~0.40	0.010 min.
C-CH40ACR	0.40~0.44	0.10 max.	0.60~0.90	0.030 max.	0.030 max.	0.20~0.40	0.010 min.

SAE J404 Alloy Steel Wire									
合金鋼									
SAE No.	CHEMICAL COMPOSITION (%)								
	C	Mn	P	S	Si	Ni	Cr	Mo	Others
4023	0.20~0.25	0.70~0.90	0.030 max.	0.040 max.	0.15~0.35	-	-	0.20~0.30	-
4027	0.25~0.30	0.70~0.90	0.030 max.	0.040 max.	0.15~0.35	-	-	0.20~0.30	-
4037	0.35~0.40	0.70~0.90	0.030 max.	0.040 max.	0.15~0.35	-	-	0.20~0.30	-
4140	0.38~0.43	0.75~1.00	0.030 max.	0.040 max.	0.15~0.35	-	0.80~1.10	0.15~0.25	-
4142	0.40~0.45	0.75~1.00	0.030 max.	0.040 max.	0.15~0.35	-	0.80~1.10	0.15~0.25	-
4145	0.43~0.48	0.75~1.00	0.030 max.	0.040 max.	0.15~0.35	-	0.80~1.10	0.15~0.25	-
4150	0.48~0.53	0.75~1.00	0.030 max.	0.040 max.	0.15~0.35	-	0.80~1.10	0.15~0.25	-
4320	0.17~0.22	0.45~0.65	0.030 max.	0.040 max.	0.15~0.35	1.65~2.00	0.40~0.60	0.20~0.30	-
4340	0.38~0.43	0.60~0.80	0.030 max.	0.040 max.	0.15~0.35	1.65~2.00	0.70~0.90	0.20~0.30	-
4620	0.17~0.22	0.45~0.65	0.030 max.	0.040 max.	0.15~0.35	1.65~2.00	-	0.20~0.30	-
4820	0.18~0.23	0.50~0.70	0.030 max.	0.040 max.	0.15~0.35	3.25~3.75	-	0.20~0.30	-
5120	0.17~0.22	0.70~0.90	0.030 max.	0.040 max.	0.15~0.35	-	0.70~0.90	-	-
5130	0.28~0.33	0.70~0.90	0.030 max.	0.040 max.	0.15~0.35	-	0.80~1.10	-	-
5132	0.30~0.35	0.60~0.80	0.030 max.	0.040 max.	0.15~0.35	-	0.75~1.00	-	-
5140	0.38~0.43	0.70~0.90	0.030 max.	0.040 max.	0.15~0.35	-	0.70~0.90	-	-
5150	0.48~0.53	0.70~0.90	0.030 max.	0.040 max.	0.15~0.35	-	0.70~0.90	-	-
6150	0.48~0.53	0.70~0.90	0.030 max.	0.040 max.	0.15~0.35	-	0.80~1.10	-	V: 0.15 min.
8620	0.18~0.23	0.70~0.90	0.030 max.	0.040 max.	0.15~0.35	0.40~0.70	0.40~0.60	0.15~0.25	-

Remark : Above info is based on CSC's catalog. For any production alternatives please consult with us.  
備註：以上資料參考中鋼型錄，實際供貨規格依實際狀況而定。



JIS G4052 Structural Alloy Steel Wire with specified Hardenability Bands

保證硬化能之構造用合金鋼

JIS No.	CHEMICAL COMPOSITION (%)							
	C	Si	Mn	P	S	Ni	Cr	Mo
SCM415H	0.12~0.18	0.15~0.35	0.55~0.95	0.030 max.	0.030 max.	0.25 max.	0.85~1.25	0.15~0.30
SCM418H	0.15~0.21	0.15~0.35	0.55~0.95	0.030 max.	0.030 max.	0.25 max.	0.85~1.25	0.15~0.30
SCM420H	0.17~0.23	0.15~0.35	0.55~0.95	0.030 max.	0.030 max.	0.25 max.	0.85~1.25	0.15~0.30
SCM425H	0.23~0.28	0.15~0.35	0.55~0.95	0.030 max.	0.030 max.	0.25 max.	0.85~1.25	0.15~0.30
SCM435H	0.32~0.39	0.15~0.35	0.55~0.95	0.030 max.	0.030 max.	0.25 max.	0.85~1.25	0.15~0.35
SCM440H	0.37~0.44	0.15~0.35	0.55~0.95	0.030 max.	0.030 max.	0.25 max.	0.85~1.25	0.15~0.35
SCM445H	0.42~0.49	0.15~0.35	0.55~0.95	0.030 max.	0.030 max.	0.25 max.	0.85~1.25	0.15~0.35
SCM822H	0.19~0.25	0.15~0.35	0.55~0.95	0.030 max.	0.030 max.	0.25 max.	0.85~1.25	0.35~0.45
SCr415H	0.12~0.18	0.15~0.35	0.55~0.95	0.030 max.	0.030 max.	0.25 max.	0.85~1.25	-
SCr420H	0.17~0.23	0.15~0.35	0.55~0.95	0.030 max.	0.030 max.	0.25 max.	0.85~1.25	-
SCr430H	0.27~0.34	0.15~0.35	0.55~0.95	0.030 max.	0.030 max.	0.25 max.	0.85~1.25	-
SCr435H	0.32~0.39	0.15~0.35	0.55~0.95	0.030 max.	0.030 max.	0.25 max.	0.85~1.25	-
SCr440H	0.37~0.44	0.15~0.35	0.55~0.95	0.030 max.	0.030 max.	0.25 max.	0.85~1.25	-

JIS G4053 Low-Alloy Steel Wire for Machine Structure Use 機械構造用合金鋼

Cr-Mo Alloy Steel Wire 鉻鉬合金鋼

JIS No.	CHEMICAL COMPOSITION (%)							
	C	Si	Mn	P	S	Ni	Cr	Mo
SCM415	0.13~0.18	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20	0.15~0.25
SCM418	0.16~0.21	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20	0.15~0.25
SCM420	0.18~0.23	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20	0.15~0.25
SCM421	0.17~0.23	0.15~0.35	0.70~1.00	0.030 max.	0.030 max.	0.25 max.	0.90~1.20	0.15~0.25
SCM425	0.23~0.28	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20	0.15~0.30
SCM430	0.28~0.33	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20	0.15~0.30
SCM432	0.27~0.37	0.15~0.35	0.30~0.60	0.030 max.	0.030 max.	0.25 max.	1.00~1.50	0.15~0.30
SCM435	0.33~0.38	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20	0.15~0.30
SCM440	0.38~0.43	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20	0.15~0.30
SCM445	0.43~0.48	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20	0.15~0.30
SCM822	0.20~0.25	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20	0.35~0.45

JIS G4053 Low-Alloy Steel Wire for Machine Structure Use 機械構造用合金鋼

Cr Alloy Steel Wire 鉻合金鋼

JIS No.	CHEMICAL COMPOSITION (%)						
	C	Si	Mn	P	S	Ni	Cr
SCr415	0.13~0.18	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20
SCr420	0.18~0.23	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20
SCr430	0.28~0.33	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20
SCr435	0.33~0.38	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20
SCr440	0.38~0.43	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20
SCr445	0.43~0.48	0.15~0.35	0.60~0.90	0.030 max.	0.030 max.	0.25 max.	0.90~1.20

Remark: Above info is based on CSC's catalog. For any production alternatives please consult with us.  
備註: 以上資料參考中鋼型錄, 實際供貨規格依實際狀況而定。

Stainless Steel Wire

不銹鋼

Specification			CHEMICAL COMPOSITION (%)									
ASTM F738M	JIS G4315	NB No.	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	N
			MAX.	MAX.	MAX.	MAX.	MAX.	MAX.	MAX.	MAX.	MAX.	MAX.
-	XM7	302HQ	0.03	1.00	2.00	0.045	0.030	8.00~10.00	17.00~19.00	-	3.00~4.00	-
-	-	304	0.08	1.00	2.00	0.045	0.030	8.00~10.50	18.00~20.00	-	-	0.10
304	304	304M	0.08	1.00	2.00	0.045	0.030	9.00~10.50	18.00~20.00	-	-	0.10
-	-	304MD	0.08	1.00	2.00	0.045	0.030	8.00~10.50	18.00~20.00	-	-	-
-	-	304J3	0.08	1.00	2.00	0.045	0.030	8.00~10.50	17.00~19.00	-	1.00~3.00	-
-	304J3	-	-	-	-	-	-	-	-	-	-	-
-	-	304HC	0.08	1.00	2.00	0.045	0.030	8.00~10.50	18.00~19.00	-	1.00~3.00	-
305	305	305	0.12	1.00	2.00	0.045	0.030	10.50~13.00	17.00~19.00	-	1.00	-
-	305J1	305J1	0.08	1.00	2.00	0.045	0.030	11.00~13.50	16.50~19.00	-	-	-
316	316	316	0.08	1.00	2.00	0.045	0.030	10.00~14.00	16.00~18.00	2.00~3.00	-	-
316L	-	316L	0.03	1.00	2.00	0.045	0.030	10.00~14.00	16.00~18.00	2.00~3.00	-	-
-	316L	316L	0.03	1.00	2.00	0.045	0.030	12.00~15.00	16.00~18.00	2.00~3.00	-	-
-	-	316CU	0.04	1.00	1.00	0.045	0.015	10.00~11.00	16.50~17.50	2.00~2.50	3.00~3.50	-
410	410	410	0.15	1.00	1.00	0.040	0.030	-	11.50~13.00	-	-	-
-	-	410C	0.13~0.15	1.00	1.00	0.040	0.030	-	11.50~13.00	-	-	-
430	430	430	0.12	0.75	1.00	0.040	0.030	-	16.00~18.00	-	-	-

Remark: Above info is based on WALSH LIHWA's catalog. For any production alternatives, please consult with us.  
備註: 以上資料參考華新型錄, 實際供貨規格依實際狀況而定。

包裝方式

Package



營運據點 The New Best Operations

1. Clockwise 順時針方向 ↻

2. Counter Clockwise 逆時針方向 ↺

包裝方式 Package				
線徑範圍 Diameter (mm)	線捲內徑 Coil ID. (mm)	每捆重量 Coil Weight (kg/coil)	包裝方式 Packing Method	製程 Process
1.00~1.99	300~400	Max. 50kgs	PP+PE Layer	SAIP
2.00~5.50	500~600	Max. 250kgs	PP+PE Layer	
5.51~9.00	700~800	Max. 1100kgs	PP+PE / PP cloth	
9.01~17.00	900~1000	Max. 2200kgs	PP+PE / PP cloth	
17.01~50.00	1100~1200	Max. 2200kgs	PP+PE / PP cloth	
1.00~1.99	300~400	Max. 50kgs	PP cloth	SAFS
2.00~5.50	500~600	Max. 250kgs	PP cloth	
5.51~8.99	700~800	Max. 1100kgs	PP cloth	
9.01~17.00	900~1000	Max. 2200kgs	PP cloth	
17.01~50.00	1100~1200	Max. 2200kgs	PP cloth	
1.50~15.50	500~600	Max. 200kgs	PP+PE / PP cloth	BA
5.50~12.50	700~800	Max. 500kgs	PP+PE / PP cloth	



Remark : Alternative packings are subject to discussion.  
備註:歡迎洽詢此表格以外之包裝

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(Electro-Polishing Business)  
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Headquarter Map



Motivation Harmony Innovation

積極 / 和諧 / 創新



**NEW BEST WIRE**  
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強新工業股份有限公司

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