



大利特殊鋼股份有限公司
TAH LEE SPECIAL STEEL CO., LTD.

· 特 · 殊 · 鋼 · 帶 ·

Special Steel Strip



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前言 Introduction

Tah Lee Special Steel Co., Ltd. was founded in 1972, since then we acted as agent for offering different kinds of high quality of steel materials from domestic and foreign manufactures to harmony with clients' development and provide the best services to them. To satisfy clients' growth demand and the commitment of pursuit of high quality, we adopt the most advanced cutting and inspection devices which production processes are all under strict control and management, and also provide the superior quality with reasonable prices to clients.



大利特殊鋼股份有限公司從 1972 年成立以來，便致力於代理國內外各鋼鐵廠商所生產之各種不同優質的鋼鐵板材，配合客戶的產品發展，提供最佳之服務。並且為滿足客戶全方位的需求及追求最高品質的承諾下，採用最先進的裁剪與檢驗設備，每一製程均受嚴密的監控及管制，可提供客戶品質優良、價格合理的各項鋼鐵產品。

Steel Grades 鋼帶種類

JAPAN 日本 JIS	America 美國 AISI / SAE	Germany 德國 DIN	Britain 英國 BS	France 法國 NF
Carbon Steel 碳素鋼				
S45CM	1045	CK45	080M46	XC42
S50CM	1050	CK50	060A52	XC48TS
S55CM	1055	CK55	-----	-----
S60CM / S65CM	1060 / 1065	CK60	060A62 / 070M60	CC55
S70CM	1070	CK67	-----	XC68
	1074	CK70		
S75CM	1075	CK75	070A72	-----
Carbon Tool Steel 碳素工具鋼				
SK85M (SK5)	1085	C85S / CK85 (C85E)	-----	C90
SK95M (SK4)	1095	CK101 (C101E)	5770-95	C100
Chromium Molybdenum Steel 鉻鉬鋼				
SCM415	4118	16 Cr Mo 4	1.7337	18 CD 4
SCM430	4130	34 Cr Mo 4	1.7220	30 CD 4
SCM435	4135	34 Cr Mo 4	1.7220	35 CD 4
SCM440	4140	42 Cr Mo 4	1.7225	42 CD 4
Manganese Steel 錳鋼				
-----	1552	50Mn2	-----	-----
Alloy Tool Steel 合金工具鋼				
SKS51M	L6	-----	-----	-----
		75Cr1		
Bi-metal Steel 雙金屬鋸片				
-----	D6A	46 Cr Mo V4	-----	-----

Our Products and Equipments 產品及設備



Applications 應用範圍



Steel Grades and Chemical Composition 化學成份及種類

Cold / Hot Rolled Special Steel Strip (冷軋 / 熱軋 壓延特殊鋼帶)

Steel Grades (鋼帶種類)	Symbol (規格)		Chemical Composition (化學成份)										Specific Uses (具體用途)		
	JIS	SAE	C	Si	Mn	P	S	Cu	Ni	Cr	Ni+Cr	Mo			
Carbon Steel 碳素鋼	S45CM	SAE1045	0.42~0.48	0.15~0.35	0.60~0.90	0.030 Max.	0.035 Max.	0.30 Max.	0.20 Max.	0.20 Max.	0.35 Max.	---	<ul style="list-style-type: none"> Retainer Washer (軸承護圈、華司) Clutch Parts (離合器葉片) Chain Parts (鏈條) Spring (彈簧) Wiper Blade (雨刷片) Can Opener (開罐器) Saw Blade (鋸刀) Shoe Shank (鞋芯) Camera Parts (照相機零件) Car Parts (汽車零件) etc (其他) 		
	S50CM	SAE1050	0.47~0.53	0.15~0.35	0.60~0.90	0.030 Max.	0.035 Max.	0.30 Max.	0.20 Max.	0.20 Max.	0.35 Max.	---			
	S55CM	SAE1055	0.52~0.58	0.15~0.35	0.60~0.90	0.030 Max.	0.035 Max.	0.30 Max.	0.20 Max.	0.20 Max.	0.35 Max.	---			
	S60CM	SAE1060	0.55~0.65	0.15~0.35	0.60~0.90	0.030 Max.	0.035 Max.	0.30 Max.	0.20 Max.	0.20 Max.	---	---			
	S65CM	SAE1065	0.60~0.70	0.15~0.35	0.60~0.90	0.030 Max.	0.035 Max.	0.30 Max.	0.20 Max.	0.20 Max.	---	---			
	S70CM	SAE1070	0.65~0.75	0.15~0.35	0.60~0.90	0.030 Max.	0.035 Max.	0.30 Max.	0.20 Max.	0.20 Max.	---	---			
	S75CM	SAE1074 SAE1075	0.70~0.80	0.15~0.35	0.60~0.90	0.030 Max.	0.035 Max.	0.30 Max.	0.20 Max.	0.20 Max.	---	---			
Carbon Tool Steel 碳素工具鋼	SK95M (SK4)	SAE1095	0.90~1.00	0.35 Max.	0.50 Max.	0.030 Max.	0.030 Max.	0.25 Max.	0.25 Max.	0.30 Max.	---	---	<ul style="list-style-type: none"> Spring (彈簧) Saw Blade (鋸刀) Stationery Knife (刀片) etc (其他) 		
	SK85M (SK5)	SAE1085	0.80~0.90	0.35 Max.	0.50 Max.	0.030 Max.	0.030 Max.	0.25 Max.	0.25 Max.	0.30 Max.	---	---			
Chromium Molybdenum Steel 鉻鉬鋼	SCM430	4130	0.28~0.33	0.15~0.35	0.60~0.85	0.030 Max.	0.030 Max.	0.30 Max.	0.25 Max.	0.90~1.20	---	0.15~0.30	<ul style="list-style-type: none"> Chain Parts (鏈條) Typewriter Parts (打字機零件) Calculator Parts (計算機零件) Safety Buckle (安全帶扣環) Cutter (刀具) etc (其他) 		
	SCM435	4135	0.33~0.38	0.15~0.35	0.60~0.85	0.030 Max.	0.030 Max.	0.30 Max.	0.25 Max.	0.90~1.20	---	0.15~0.30			
	SCM415	4118	0.13~0.18	0.15~0.35	0.60~0.85	0.030 Max.	0.030 Max.	0.30 Max.	0.25 Max.	0.90~1.20	---	0.15~0.30			
	SCM440	4140	0.38~0.43	0.15~0.35	0.60~0.85	0.030 Max.	0.030 Max.	0.30 Max.	0.25 Max.	0.90~1.20	---	0.15~0.30			
Manganese Steel 錳鋼	---	SAE1552	0.46~0.55	0.15~0.35	1.20~1.50	0.040 Max.	0.050 Max.	0.30 Max.	0.20 Max.	0.20 Max.	0.35 Max.	---	<ul style="list-style-type: none"> Chain Parts (鏈條) etc (其他) 		
Alloy Tool Steel 合金工具鋼	SKS51M	L6	0.75~0.85	0.35 Max.	0.50 Max.	0.030 Max.	0.030 Max.	0.25 Max.	1.30~2.00	0.20~0.50	---	---	<ul style="list-style-type: none"> Saw Blade (鋸刀) Stationery Knife (刀片) etc (其他) 		
	DIN 75Cr1		0.75~0.80	0.25~0.40	0.65~0.80	0.025 Max.	0.010 Max.	0.30~0.45						<ul style="list-style-type: none"> Saw Blade (鋸刀) Stationery Knife (刀片) etc (其他) 	
Steel Grades (鋼帶種類)	Symbol (規格)		Chemical Composition (化學成份)											Specific Uses (具體用途)	
	JIS	SAE	C	Si	Mn	P	S	Ni	Cr	Mo	V	Ti	Al		N
Bi-metal Steel 雙金屬鋸片	---	D6A	0.52	0.09	1.53	0.012	0.003	0.48	0.97	0.41	0.058	0.014	0.022	0.0042	<ul style="list-style-type: none"> Round Saw (圓鋸) etc (其他)

JIS G3141 Dimension Tolerance 冷軋厚度許可公差

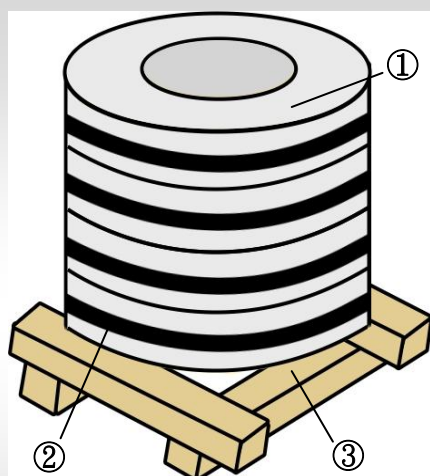
Tolerance of thickness / width (厚度 / 寬度公差)

厚度 (t) \ 寬度 (w)	$780 \leq w < 1000$	$1000 \leq w < 1250$	$1250 \leq w < 1600$	$1600 \leq w$
$t < 0.25$	± 0.03	± 0.03	—	—
$0.25 \leq t < 0.40$	± 0.04	± 0.04	—	—
$0.40 \leq t < 0.60$	± 0.05	± 0.05	± 0.06	—
$0.60 \leq t < 0.80$	± 0.06	± 0.06	± 0.06	± 0.07
$0.80 \leq t < 1.00$	± 0.06	± 0.07	± 0.08	± 0.09
$1.00 \leq t < 1.25$	± 0.07	± 0.08	± 0.09	± 0.11
$1.25 \leq t < 1.60$	± 0.09	± 0.10	± 0.11	± 0.13
$1.60 \leq t < 2.00$	± 0.11	± 0.12	± 0.13	± 0.15
$2.00 \leq t < 2.50$	± 0.13	± 0.14	± 0.15	± 0.17
$2.50 \leq t < 3.15$	± 0.15	± 0.16	± 0.17	± 0.20

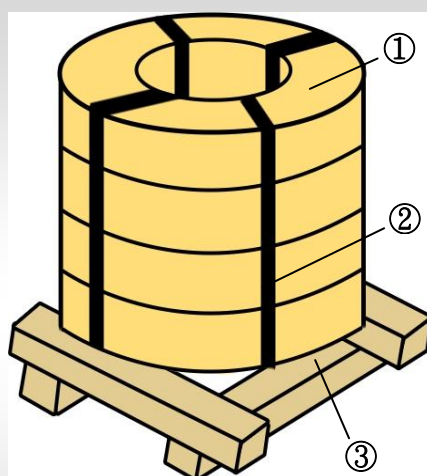
Packing Method : PVC+P.P+VCI PAPPER+STEEL BAND+SKID

包裝方式：膠膜 + 編織帶 + 油紙 + 打包鋼帶 + 架子

INNER PACKING (內包裝)

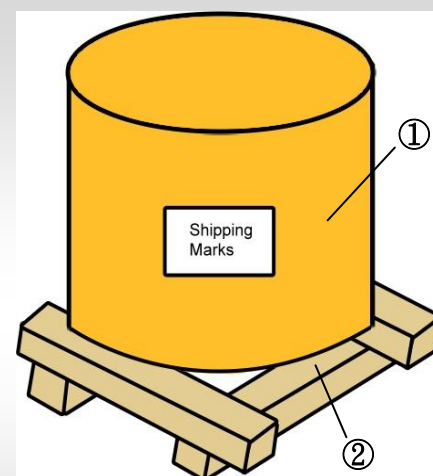


- ① PVC (膠膜)
- ② STEEL BAND (打包鋼帶)
- ③ SKID (架子)



- ① P.P (編織帶)
- ② STEEL BAND (打包鋼帶)
- ③ SKID (架子)

OUTER PACKING (外包裝)



- ① VCI PAPPER (油紙)
- ② SKID (架子)

COLD ROLLED AVAILABLE SIZE 接單範圍

材質 SPEC.	厚度 Thickness mm	寬度 Width mm	備註 Remarks
S35CM Mod. S45CM Mod. S50CM Mod.	0.41 ~ 0.49	890 ~ 914	
	0.50 ~ 0.99	890 ~ 1000	
	1.00 ~ 2.00	890 ~ 1000	
	2.01 ~ 2.50	890 ~ 1000	
A684 -1065 Mod. A684 -1070 Mod.	0.40 ~ 0.49	890 ~ 914	
	0.50 ~ 0.99	890 ~ 1000	
	1.00 ~ 2.00	890 ~ 1000	
	2.01 ~ 2.50	890 ~ 1000	
SK85M Mod. (SK5)	0.60 ~ 0.99	850 ~ 914	
	1.00 ~ 1.19	890 ~ 1000	
	1.20 ~ 2.50	890 ~ 914	
SK95M (SK4)	1.20 ~ 2.00	850 ~ 914	
JIS G3311 SKS51M Mod.	1.20 ~ 2.50	850 ~ 914	
CSC CC1065Mn	0.80 ~ 1.60	914	
CSC CC8850V	1.00 ~ 1.60	850 ~ 914	
SAE4130 , SAE4135	0.75 ~ 2.50	890 ~ 914	
SCM 415 M	0.75 ~ 2.50	890 ~ 914	HRB 70-80
SCM 435 M	0.75 ~ 2.50	850 ~ 914	HRB 77-87 / 160-195

Newest Type Interior Concrete Anchor 新型膨脹螺絲

NEWEST TYPE INTERIOR CONCRETE ANCHOR					
Tooth Type			mm.	Screw Specifications	
Size mm.	Length	Drilling Hole	Hole's Depth	Screw Size	Screw Length
M6 X 25	25 mm	ψ8 mm	30 mm	M6 X 1.0	25 MM
M6 X 30	30 mm	ψ8 mm	35 mm	M6 X 1.0	30 MM
M8 X 35	35 mm	ψ10 mm	40 mm	M8 X 1.25	35 MM
M10 X 50	50 mm	ψ12 mm	55 mm	M10 X 1.5	50 MM
M12 X 60	60 mm	ψ15 mm	65 mm	M12 X 1.75	60 MM
Tooth Type			mm.	Screw Specifications	
Size inch.	Length	Drilling Hole	Hole's Depth	Screw Size	Screw Length
1 / 4 X 25	25 mm	ψ8 mm	30 mm	1 / 4 - 20	25 MM
1 / 4 X 30	30 mm	ψ8 mm	35 mm	1 / 4 - 20	30 MM
5 / 16 X 35	35 mm	ψ10 mm	40 mm	5 / 16 - 18	35 MM
3 / 8 X 50	50 mm	ψ12 mm	55 mm	3 / 8 - 16	50 MM
1 / 2 X 60	60 mm	ψ16 mm	65 mm	1 / 2 - 13 & 1 / 2 - 12	60 MM