



天文貿易產品介紹

連續鑄造鑄鐵 / Continuous Cast Iron Bar :

鋼種 Grade	天文貿易記號 Product No.	相當記號 Equivalent Grade		
		JIS	AISI	DIN
連鑄棒 Continuous Cast Iron Bar KCD	KCD(E-2)	FC200	-	GG20
	KCD(E-C)	FC300	35	GG30
	KCD(D-4)	FCD400	-	-
	KCD(D-5)	FCD500	70-50-05	GG50





構造用鋼 / Structural Steel:

類別 Category	天文貿易記號 Product No.	相當記號 Equivalent Grade			型狀 Form
		JIS	AISI	DIN	
碳素鋼 Carbon Steel	S45C	S45C	1045	C45	● —
	S50C	S50C	1050	C50	● —
	S55C	S55C	1055	C55	● —
鉻合金鋼 Cr Alloy Steel	SCr445	SCr445	5145	41Cr4	●
鉻鉬合金鋼 Cr-Mo Alloy Steel	SCM415	SCM415	-	15CrMo5	●
	SCM420	SCM420	-	22CrMo4-4	●
	SCM440	SCM440	4140	42CrMo4	●
鎳鉻鉬合金鋼 Ni-Cr-Mo Alloy Steel	SNCM220	SNCM220	8620	21NiCrMo2	●
	SNCM439	SNCM439	4340	40NiCrMo6	●
鋁鉻鉬合金鋼 Al-Cr-Mo Alloy Steel	SACM645	SACM645	7140	41CrAlMo7	●

* 本公司購進中鋼公司出產的鋼材都在熱處理保證硬化能(H)範圍內

●	圓棒 / Round Bar	★	磨光棒 / CG Bar	—	板 / Plate
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工具及塑膠模具鋼 / Tool & Plastic Mold Steel:

類別 Category	天文貿易記號 Product No.	相當記號 Equivalent Grade			型狀 Form
		JIS	AISI	DIN	
碳素工具鋼 Carbon Tool Steel	TK3	SK105(SK3)	W1-10	C105W1	●
	TK4	SK95(SK4)	W1-9	--	●★
	TK5	SK85(SK5)	W1-8	C80W1	●
	TK7	SK65(SK7)	--	C70W2	●
冷間工具鋼 Cold-Working Tool Steel	TK30	SKS93	--	--	●—
	TKS3	SKS3	O1	100MnCrW4 1.2510	●—
	TDC	SKD11	D2	X155CrVMo12 1.2379	●—
熱間工具鋼 Hot-Working Tool Steel	TDH	SKD61	H13	X40CrMoV51 1.2344	●—
	TDHM	SKD61 MOD	H13 MOD	X40CrMoV51 1.2344 MOD	●—
	TDHH	SKD61 QT	H13 QT	X40CrMoV51 1.2344 QT	●—
	TKT4	SKT4	L6	55NiCrMoV6 1.2713	●—
塑膠模具鋼 Plastic Mold Steel	TP1	SC 系	--	--	●—
	TP3	SCM 系	--	--	●—
	TP5	SCM 系 MOD	P20	--	●—
	TP420	SUS 系	420	X20Cr13	●—

●	圓棒 / Round Bar	★	磨光棒 / CG Bar	—	板 / Plate
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不銹鋼棒及耐熱鋼棒 / Stainless Steel Bar & Heat Resisting Steel Bar:

類別 Category	天文貿易記號 Product No.	相當記號 Equivalent Grade			型狀 Form
		JIS	AISI/SAE	DIN	
不銹鋼棒 Stainless Steel Bar	SUS301	SUS301	301	X12CrNi177	●
	SUS304	SUS304	304	X5CrNi1810	●
	SUS420J2	SUS420J2	-	X30Cr13	●
	SUS440C	SUS440C	440C/A756	X105CrMo17	●
閥門鋼 Valve Steel	SUH3	SUH3	-	X40CrSiMo10-2 1.4731	★
	SUH35	SUH35	SAE EV8	X53CrMnNiN21-9 1.4871	★

軸承鋼 / Bearing Steel:

類別 Category	天文貿易記號 Product No.	相當記號 Equivalent Grade			型狀 Form
		JIS	AISI/ASTM/SAE	DIN	
軸承鋼 Bearing Steel	SUJ1	SUJ1	51100	105Cr4	●
	SUJ2	SUJ2	52100	100Cr6	●
	SUJ3	SUJ3	A485 Gr.1	-	●
	SUJ4	SUJ4	A485 Gr.2	100CrMo7	●
	SUJ5	SUJ5	-	-	●

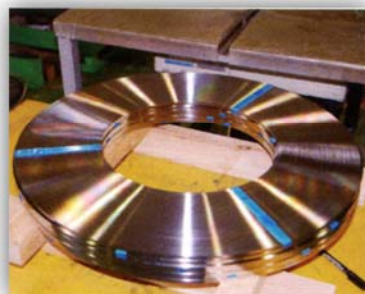
●	圓棒 / Round Bar	★	磨光棒 / CG Bar	—	板 / Plate
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鋼帶及超薄精密不銹鋼 / Steel Strip & Precision Stainless Steel:

類別 Category	天文貿易記號 Product No.	相當記號 Equivalent Grade		
		JIS	AISI	DIN
碳素鋼帶 Carbon Steel Strip	S50C	S50C	1050	C50
碳素工具鋼帶 Carbon Tool Steel Strip	SK65	SK65(SK7)	--	C70W2
	SK85	SK85(SK5)	W1-8	C80W1
	SK95	SK65(SK4)	W1-9	--
	SK105	SK65(SK3)	W1-10	C105W1
合金鋼帶 Alloy Steel Strip	SCM415	SCM415	4115	15CrMo5
	SCM430	SCM430	4130	25CrMo4
	SCM440	SCM440	4140	42CrMo4
合金工具鋼帶 Alloy Tool Steel Strip	SKS7	SKS7	--	115 W 8
	SKS51	SKS51	--	--
	SKS93	SKS93	--	--
超薄精密不銹鋼帶 Precision Stainless Steel Strip	SUS301-CSP	SUS301-CSP	301	X10CrNi18-8
	SUS304-CSP	SUS304-CSP	304	X5CrNi18-10
	SUS631-CSP	SUS631-CSP	631	X7CrNiAl17-7
	SUS632J1-CSP	SUS632J1-CSP	--	--
	SUS430-CSP	SUS430-CSP	430	X6Cr17
	NTKD-7S	--	--	--





彈簧鋼線 / Spring Wire:

類別 Category	天文貿易記號 Product No.	相當記號 Equivalent Grade		類型 Type
		JIS	ASTM/SAE	
碳鋼線 Carbon Steel Wire	SWC 80C	G 3521	A227	硬鋼線
	SWP-A	G 3522	A228	鋼琴線
	SWP-B			
	SW-ND-C	--	--	鍍鎳硬鋼線
	SWIC-F	--	--	鍍鎳硬鋼線
油回火鋼線 Oil Tempered Steel Wire	SWOSC-B	G 3560	A401, A877	機械彈簧用油回火矽鉻鋼線
	SWOSC-K	--	A401, A877	懸架彈簧用油回火矽鉻鋼線
	SWOSC-V	G 3561	A401, A877	閥用油回火矽鉻鋼線
	SAE9254	--	SAE9254	閥用油回火矽鉻鋼線
彈簧用不銹鋼線 Stainless Steel Spring Wire	SUS304	G 4314	A313	彈簧用不銹鋼線
	SKA-20S			
	SUS316			
	SUS631J1			





彈簧機械及周邊設備 / Spring Forming Equipment:

彈簧機械設備：

新達機械	SPRING FORMER 型號：CNC-620W、CNC-635W、CNC-650W
CHIEN SHAN MACHINE (千山機械)	兩軸電腦彈簧製造機 SPRING COILER 型號：CNC-8、CNC-16、CNC-26、CNC-45、CNC-50
	高速圓圈製造機 RING 型號：CS-R22
KWANG HONG MACHINE (光弘機械)	TENSION SPRING MAKING MACHINE 型號：CNC-10A
YEOU HEUY MACHINE (友匯機械)	兩軸電腦線圈製造機 CNC 2-AXES Air Coil Former 型號：PF-220、PF-250、PT-215、PT-215S
	兩軸電腦扭簧製造機 CNC 2-AXES Torsion Spring Former 型號：TF-210、TF-230
	兩軸電腦油封彈簧製造機 CNC 2-Axis Garter Spring Former 型號：CS-208
	接圓機 Garter Spring Joiner 型號：J-10、GJ-20、GJ-30





板材自動成型機：

型號
YSM-10T
YSM CNC-10T
YSM-26T
YSM CNC-26T
YSM-38T
YSM CNC-38T
HST-T series



彈簧機械周邊機器：

Electric Conveyor Furnace	HCF series
High Velocity Furnace	HVF series
Cooling Conveyor	HDC series
Electric Strip-Link Belt Furnace	HSF series
Spiral Type Electric Furnace	HF series
Box Type Furnace	HB series
High Temperature Electric Conveyor Furnace	HKF series
High Temperature Box Type Heat Treatment Furnace	HK series
Electrostatic Air Cleaner	ECO series
Oven & Parts Collector Combination	PCF series
Parts & Collector	PC series
Parts Washer	PW series
Rolling Type Parts Washer	PWR series
Wire Pay Off System	HR series
Wire Pay Off System	DR series
High Speed Wire Pay Off System	AR series
High Speed Wire Pay Off System	VR series
Spring Length Gage	SLG series
Automatic Computerized Spring Tester	HST-A series
Automatic Computerized Load Sorting Tester	HST-AS series
Manual Spring Tester	HST-M series
Automatic Computerized Torsion Spring Tester	HST-T series