



**GS 200/66 、 GS 250  
GS 200/66 L 、 GS 250 L  
SV 200/66 、 SV 250  
CNC Horizontal Lathe**

**PARTS LIST**

**零件清冊**

**GS 000950250E**

Issue : B2  
Feb, 2008



**HARDINGE**

**GS 250、GS 250 L、GS 200/66  
GS 200/66L、SV 250、SV 200/66**

**PARTS LIST 零件清册**

**GS 000950250E, Isu-B2**



GS 200-66/250  
SV 200-66/250  
GS 200-66/250L

(Chapter 1)  
主軸箱  
Headstock

主軸傳動  
Spindle Transmission

STD  
主軸馬達(Fanuc)  
Motor, Fanuc

- GS 250  
主軸傳動(CS/FANUC)  
Spindle Transmission  
BL B000000201D
- GS 250  
主軸傳動(EAGLE Pd/HT)  
Spindle Transmission  
BL 000000202D
- GS 200/66L, GS 250L  
主軸傳動22P(STD/CS/FANUC/11M)  
Spindle Transmission  
BL 000000203F
- GS 200/66L, GS 250L  
主軸傳動22P(STD/CS/FANUC/EAGLE Pd/)  
Spindle Transmission  
BL 000000204F
- SV 200/66, SV 250  
主軸傳動(STD/CS/FANUC/11M)  
Spindle Transmission  
BL 000000201J

DPT  
主軸馬達(Siemens)  
Motor, (Siemens)

- GS 250  
主軸傳動(STD/CS/SIEMENS/11M)  
Spindle Transmission  
BL 000000205D

STD  
標準  
Standard

- GS 200-66, GS 200-66L  
主軸套筒(FANUC/SIEMENS)  
Cartridge  
BL 000015701E
- GS 250, GS 250L  
主軸套筒(FANUC/STD/25PK)  
Cartridge  
BL B000015701D
- SV 250  
主軸套筒(FANUC/STD/11M)  
Cartridge  
BL 000015701J
- GS 250L  
主軸套筒(SIEMENS/11M)  
Cartridge  
BL 000015705D

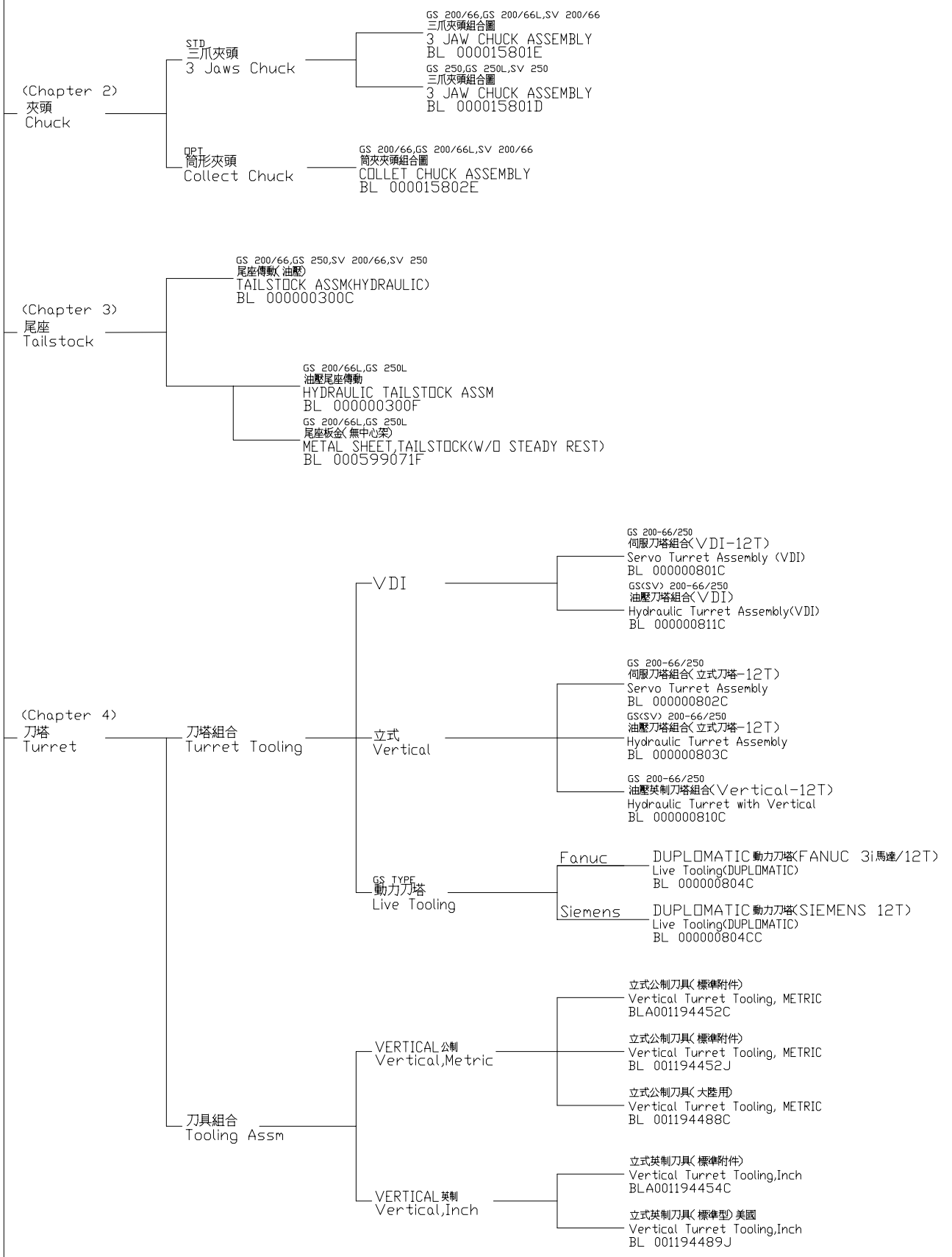
主軸套筒  
Cartridge

DPT  
特殊  
Optin

- GS 250, GS 250L  
Cs 軸套筒(FANUC/EAGLE Pd/HT)  
Cartridge  
BL 000015702D
- GS 250, GS 250L  
主軸套筒(FANUC/EAGLE Pd/HT)  
Cartridge  
BL 000015703D
- GS 250, GS 250L  
Cs 軸套筒(FANUC/25PK)  
Cartridge  
BL A000015704D
- GS 250, GS 250L  
Cs 軸套筒(SIEMENS/11M)  
Cartridge  
BL 000015706D

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(Chapter 5)  
X,Z軸進給系統+內部防護板金  
X, Z-Carriage +  
Internal Shield

STD  
標準  
Standard

GS 200-66/250(L)  
Z軸傳動  
X-Axis Carriage  
BLA000013008C

GS 200-66/250  
Z軸傳動  
Z-Axis Carriage  
BL 000013007C  
GS 200-66/250L  
Z軸傳動  
Z-Axis Carriage  
BL 000013001F

SV 200-66/250  
Z軸傳動  
Z-Axis Carriage  
BL 000013007J  
SV 200-66/250  
X軸傳動  
X-Axis Carriage  
BL 000013008J

防護板金  
Internal Shield

GS 200-66/250  
Z軸內防護板金  
Internal Shield,Z-Axis  
BL 000013003C  
GS 200-66/250L  
Z軸內防護板金  
Internal Shield,Z-Axis  
BL 000013003F  
SV 200-66/250  
Z軸內防護板金  
Internal Shield,Z-Axis  
BL 000013003J

X軸內防護板金  
Internal Shield,X-Axis  
BL 000013004C

連動護管  
Utility Carrier

GS(SV) 200-66/250  
Z軸連動護管(FANUC)  
Utility Carrier, Z-Axis(FANUC)  
BL 001045303C  
GS 200-66/250L  
Z軸連動護管(FANUC/SIEMENS)  
Utility Carrier, Z-Axis  
BL 001045303F  
GS(SV) 200-66/250  
Z軸連動護管(SIEMENS)  
Utility Carrier, Z-Axis(SIEMENS)  
BL 001045303CC

潤滑系統  
Lubrication

X,Z軸潤滑系統  
X,Z-Axis Lubrication  
BL 000013005J

(Chapter 6)  
電磁閥+油壓系統  
Solenoid Valve+  
Hydraulic Unit

油壓箱  
Hydraulic unit

油壓箱(油壓刀塔)  
HYDRAULIC UNIT(HYDRAULIC TURRET)  
BL 000013364F  
油壓箱(伺服/動力刀塔)  
HYDRAULIC UNIT(SERVE)  
BL 000013368F

電磁閥  
SOLENOID

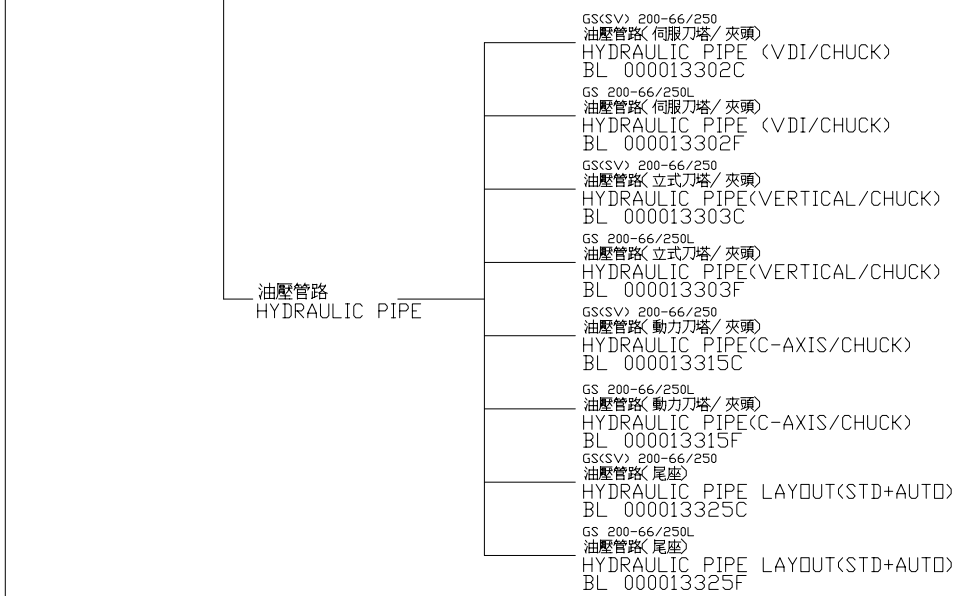
夾頭油壓塊(電磁閥組)  
CHUCK MANIFOLD BLOCK (SOLENOID)  
BL 000013360F  
尾座油壓塊(電磁閥組)  
TAILSTOCK QUILL MANIFOLD BLOCK (SOLENOID)  
BL 000013361F  
可程式尾座,CE版(電磁閥組)  
AUTO ST WITH CE(SOLENOID)  
BL 000013362F  
夾頭+C軸油壓塊(電磁閥組)  
CHUCK+C AXIS MANIFOLD BLOCK(SOLENOID)  
BL 000013363F  
可程式尾座,非CE版(電磁閥組)  
AUTO ST W/O CE(SOLENOID)  
BL 000013365F

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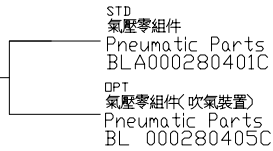
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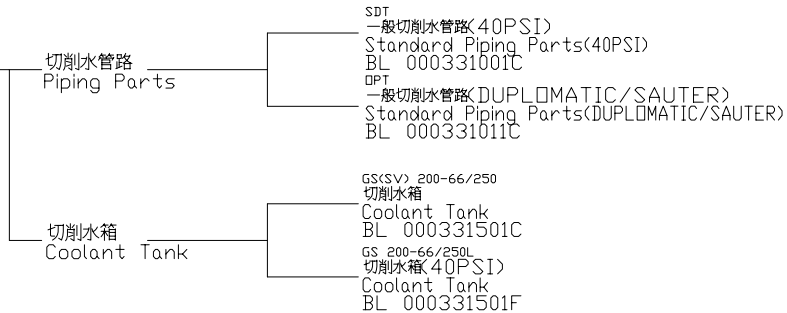
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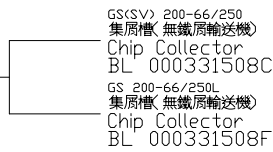
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氣壓系統  
Pneumatic Parts



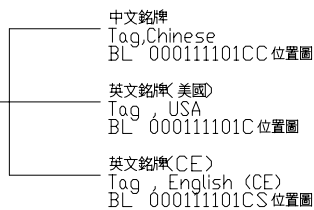
<Chapter 8>  
切削水管路  
Piping Parts



<Chapter 9>  
除屑  
Chip



<Chapter 10>  
銘牌  
Tag



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(Chapter 11)  
外型板金  
Enclosure Assm.

- 外型板金  
Enclosure ASSM
  - STD.GS 200-66/250  
外型板金  
Enclosure  
BL 001045310E
  - STD.SV 200-66/250  
外型板金  
Enclosure  
BL 001045310J
  - STD.GS 200-66/250L  
外型板金  
Enclosure  
BL 001045310F
- 操作箱  
Operating Panel Case
  - STD.GS TYPE  
操作箱(FANUC-0iTC-STD)  
Operating Case(Fanuc)  
BL 001045312F
  - STD.SV TYPE  
操作箱(FANUC-0iTC-STD)  
Operating Case(Fanuc)  
BL 001045312H
  - OPT.GS TYPE  
操作箱(SIEMENS)  
Operating Case(Siemens)  
BL 001045312FC
  - OPT.SV TYPE  
操作箱(SIEMENS)  
Operating Case(Siemens)  
BL 001045312HC

- 強電箱  
Power Case
  - STD Fanuc
    - CE
      - GS(SV) 200-66/250  
強電箱(FANUC-CE)  
Power Case  
BL 000415819E
      - GS 200-66/250L  
強電箱(FANUC-CE)  
Power Case  
BL 000415819F
    - 非CE
      - GS(SV) 200-66/250  
強電箱(FANUC)  
Power Case  
BL 000415818E
      - GS 200-66/250L  
強電箱(FANUC)  
Power Case  
BL 000415818F
  - OPT Siemens
    - GS 200-66/250  
強電箱(SIEMENS)  
Power Case  
BL 000415801EC
    - GS 200-66/250L  
強電箱(SIEMENS)  
Power Case  
BL 000415801LC

(Chapter 12)  
OPT  
特殊附件  
Option

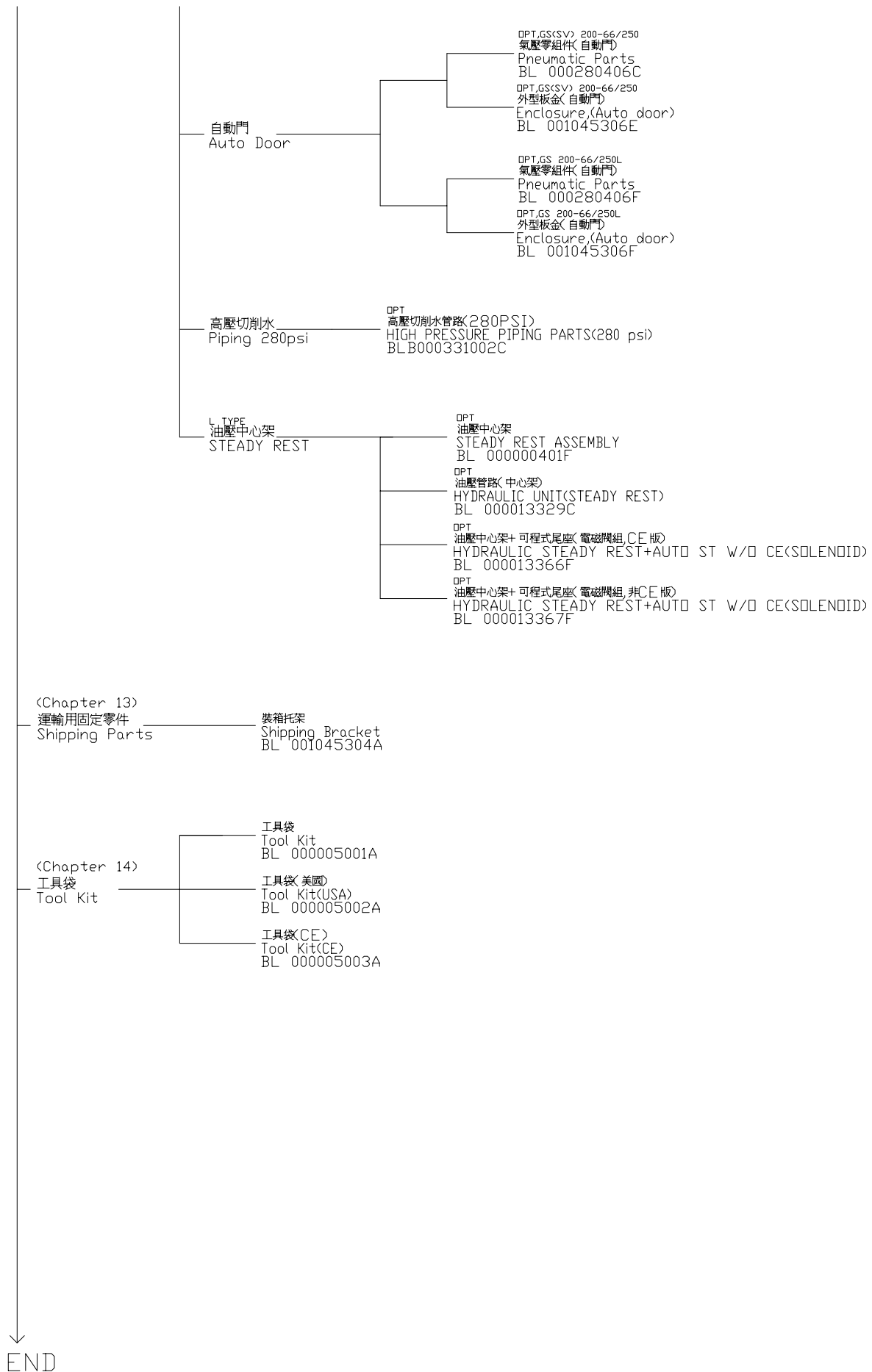
- 工件襯套  
Spindle Liner
  - GS(SV) 200-66(L)  
工件襯套  
Spindle Liner  
BLA001201766EK
  - GS(SV) 250(L)  
工件襯套  
Spindle Liner  
BLA001201778DK
- 工件量測  
Part Probe  
BL 000253603A
- 刀具量測  
Tool Probe
  - 刀具量測(HPMA)  
Part Probe  
BL 000253602D
- 工件收集器  
Part Catcher
  - STD  
無工件收集器(前板加裝蓋板)  
Cover  
BL 000291602C
  - OPT  
氣壓零組件(工件收集器)  
Pneumatic Parts  
BLA000280402C
    - GS(SV) 200-66/250  
工件收集器  
Part Catcher  
BLA000291600C
    - GS 200-66/250L  
工件收集器  
Part Catcher  
BL 000291600F

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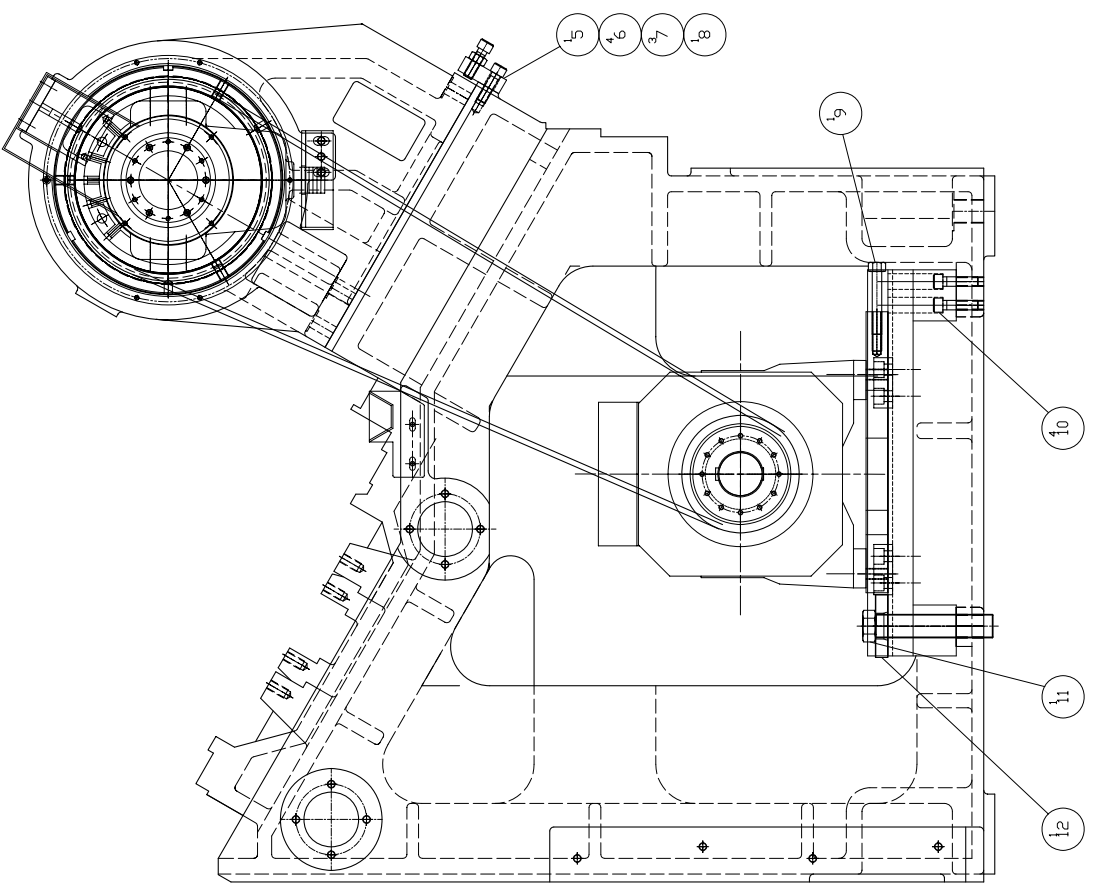
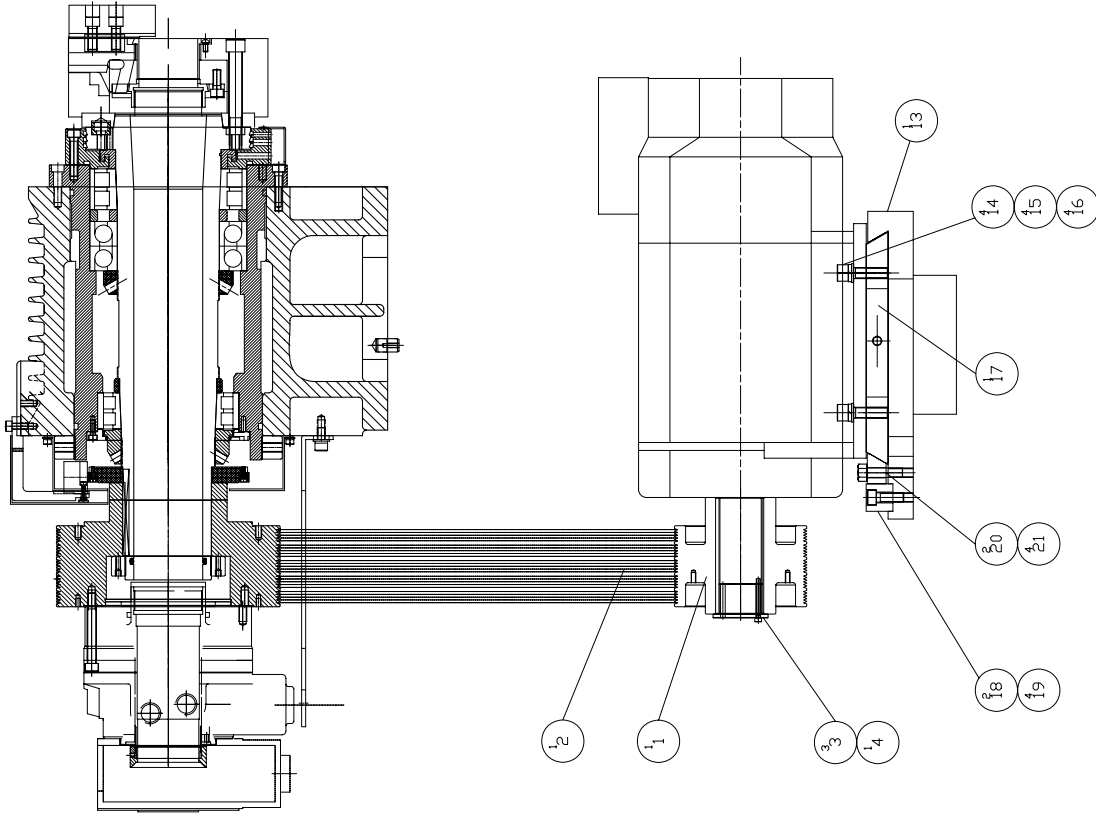
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<b>Item</b>	<b>Old Model Name</b>	<b>Current Model Name</b>
1	Talent 6/45	GS 150
2	Talent 6/45-SV	SV 150
3	Talent 8/52	GS 200
4	Talent 8/52-SV	SV 200
5	Talent 8/66	GS 200/66
6	Talent 8/66-SV	SV 200/66
7	Talent 8/66 L	GS 200/66 L
8	Talent 8/66 L-SV	SV 200/66 L
9	Talent 10/78	GS 250
10	Talent 10/78-SV	SV 250
11	Talent 10/78 L	GS 250 L
12	Talent 10/78 L-SV	SV 250 L

# Chapter 1

主軸箱

Headstock

REV	DESCRIPTION	DATE	ECN
A	機殼組裝	2005/12/05	TR10025



MODEL: TALENT 10/78	SCALE: 1:10	REV: A
PART NAME SPINDLE TRANSMISSIONSTD/CS/FANUC/25PK)	PART NUMBER BL B000000201D	PAGE 1 OF 1
主軸傳動STD/CS/FANUC/25PK)		
DATE: 2005/12/05		

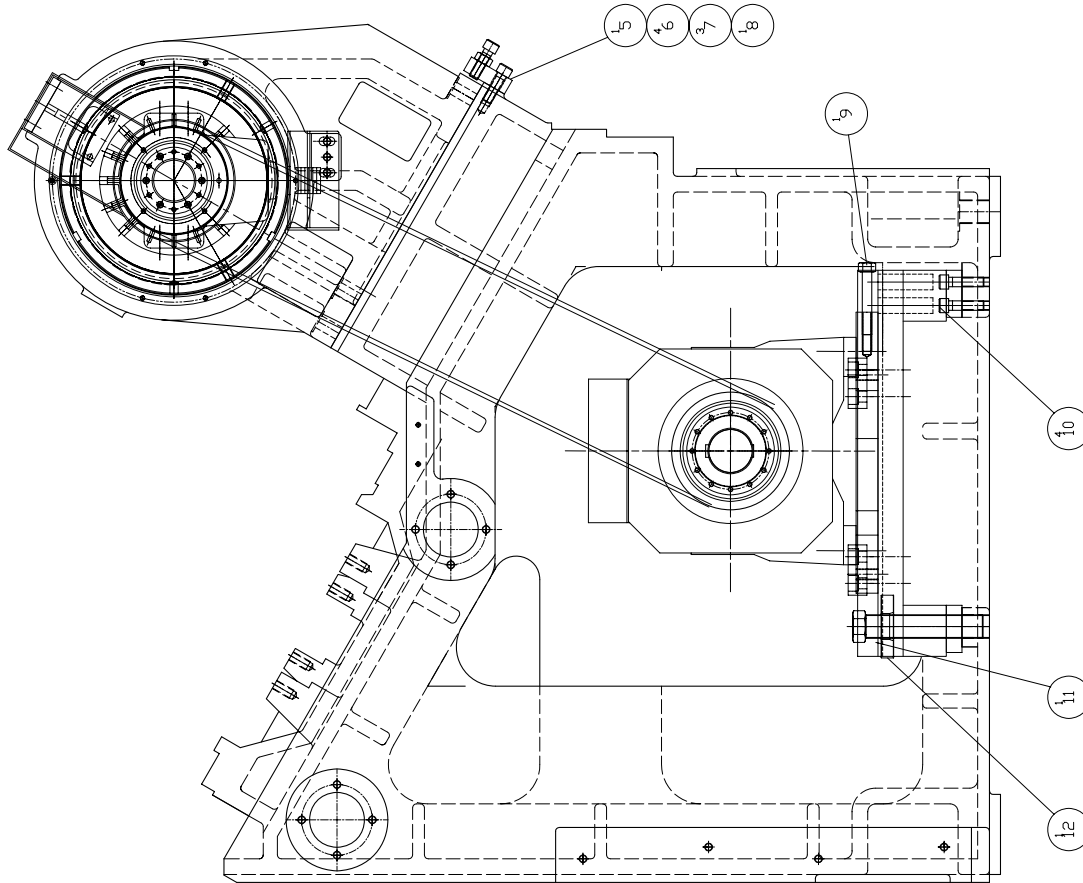
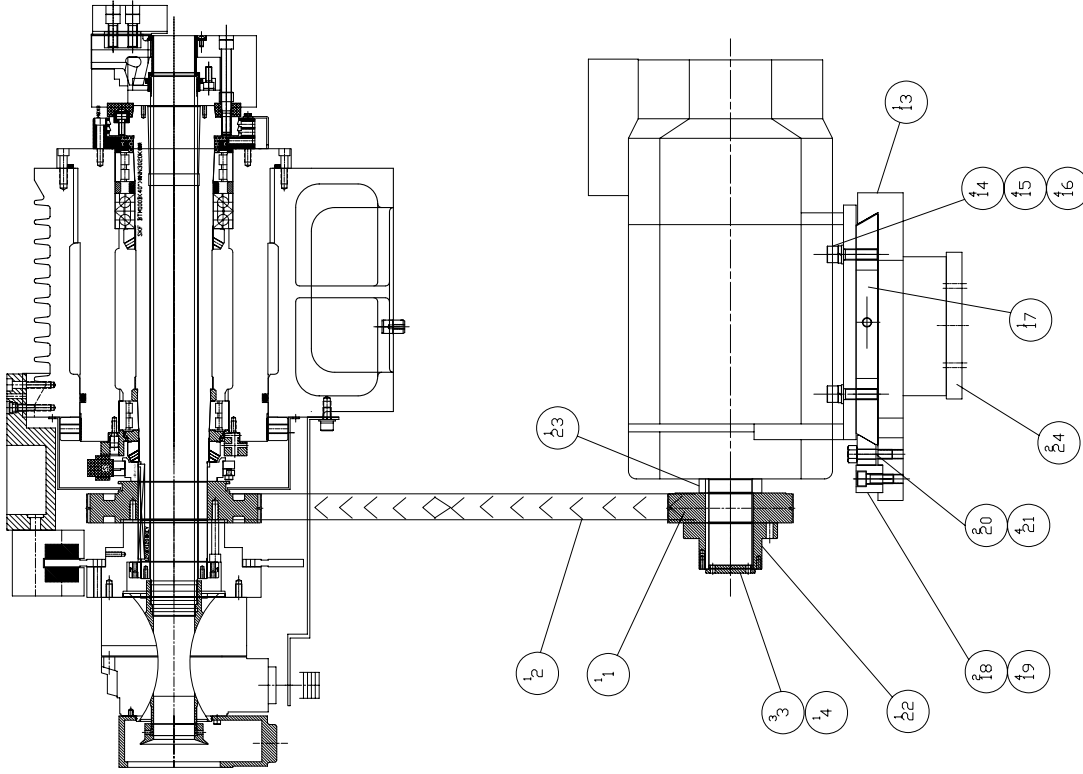
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
\*\*\*\*\*Master Item Part NO.: BLB000000201D  
Description: SPINDLE TRANSMISSION(STD/CS/FA  
主軸傳動(STD/CS/FANUC)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 000317701E	PULLEY, MOTOR	馬達皮帶輪	D:168.62xd:55xL:148.5	1.00	EA
2.00	BL 00033460116	V-belt (TC-78+ALPHA P22)	皮帶 (TC-78+ALPHA P22)	25PK-2300(5x5)	1.00	ST
3.00	MS 0103524	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5XP0.8XL50	3.00	EA
4.00	BL 000981300C	RETAINER, MOTOR PULLEY	馬達皮帶輪固定環(FANUC)	D70XL43.5	1.00	EA
5.00	BL 000022102C	BRACKET	固定塊	L60xW54xH20	1.00	EA
6.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	4.00	EA
7.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	3.00	EA
8.00	MN 0114210	HEXAGON NUT	六角螺帽	M12xP1.75	1.00	EA
9.00	MS 0154230	HEX HD. FULL THD	六角頭螺絲	M12XP1.75XL80(FULL THD)	1.00	EA
10.00	MS 0104223	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL45	4.00	EA
11.00	BL 001187112C	SCREW, MOTOR SEAT	螺桿	M30xP2, L:166	1.00	EA
12.00	MW 0105610	FLAT WASHER	平墊圈	M30(d30xD54xT5)	1.00	EA
13.00	BL 001066130C	SEAT	馬達座	L492xW392xH113	1.00	EA
14.00	MS 0104424	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M14XP2.0XL50	4.00	EA
15.00	MW 0184410	SPRINGE WASHER	彈簧墊圈	M14	4.00	EA
16.00	MW 0104410	FLAT WASHER	平墊圈	M14	4.00	EA
17.00	BL 001066131C	PLATE, MOTOR	馬達板	L358xW297.5xH28	1.00	EA
18.00	BL 001066132C	BLOCK	止動塊	L64xW34xH35	2.00	EA
19.00	MS 0104223	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL45	4.00	EA
20.00	BL 001059013C	WEDGE	斜楔塊	L64xW24xH38	2.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
\*\*\*\*\*

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	MS 0154223	HEX HD., FULL THD	六角頭螺絲	M12XP1.75XL45	4.00	EA

REV	DESCRIPTION	DATE	ECN
A	MODIFY #30.HICP-2100->P-22AD	2004/11/16	FL014



1. CS+EAGLE PD+FANUC+HT<TALENT 8/52A,10/78>
2. STD+EAGLE PD+FANUC+HT<TALENT 8/52A,10/78>

MODEL: TALENT 8/52A 10/78	
PART NAME	PART NUMBER
SPINDLE TRANSMISSION(STD/CS/FANUC/EAGLE Pd/HT)	BL 000000202D
主轴傳動(STD/CS/FANUC/EAGLE Pd/HT)	PAGE 1 OF 1
DATE 2004/11/16	SCALE 1:10
REV. A	

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000000202D

Description: SPINDLE TRANSMISSION(EAGLE Pd)  
主軸傳動(EAGLE Pd/HT)

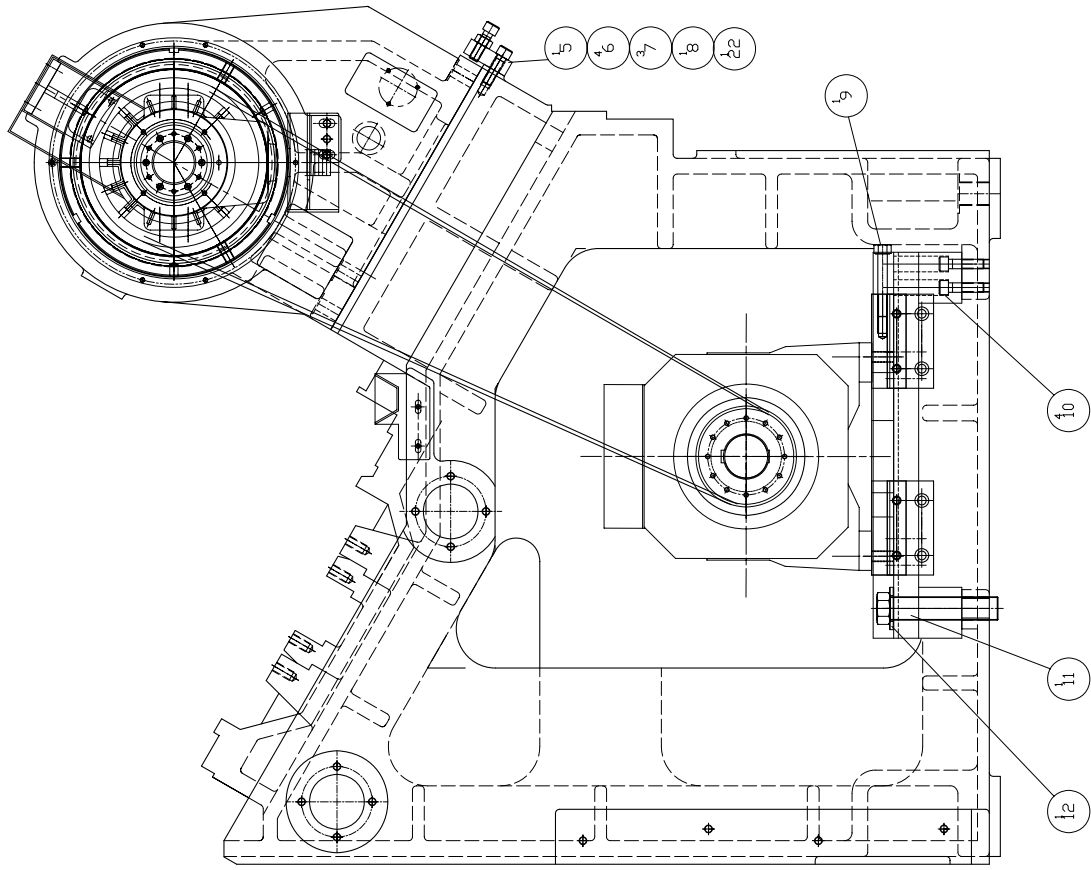
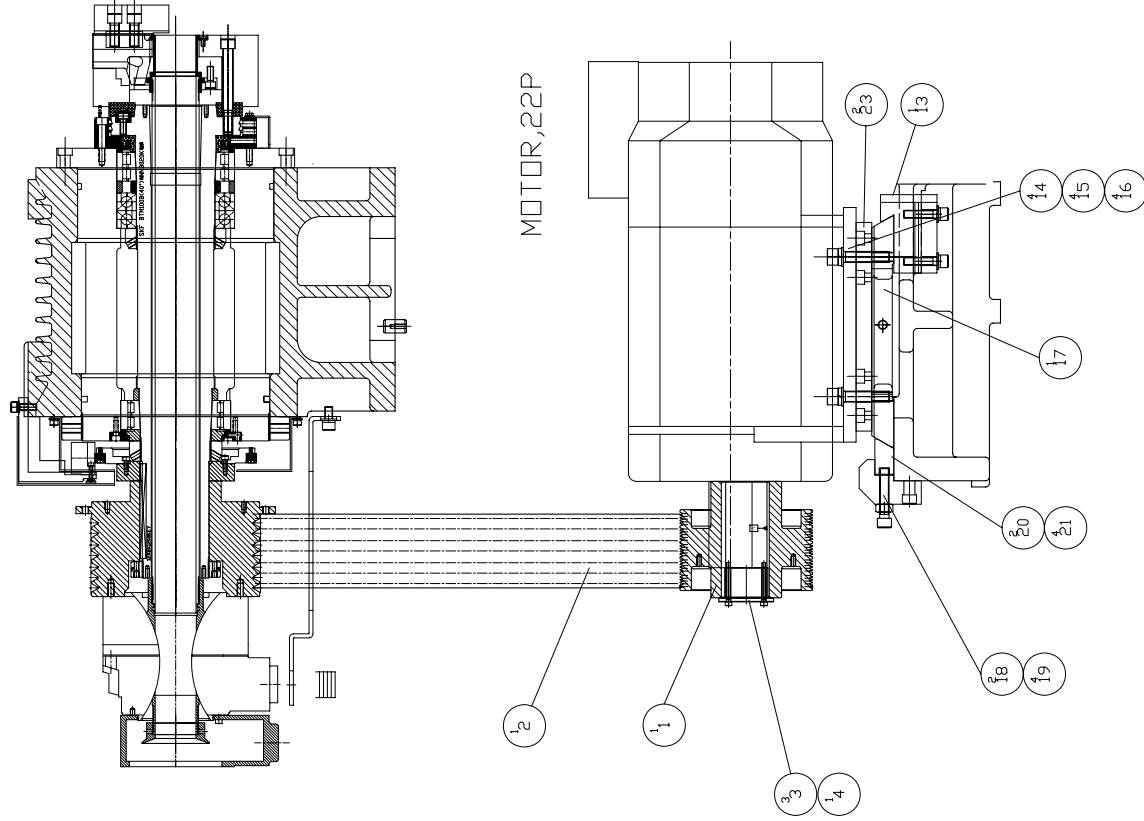
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 000317727D	EAGLE PD SPROCKET, MOTOR	馬達人字齒帶輪	B36S-MPB	1.00	EA
2.00	BL 00033460110	EAGLE HERRINGBONE BELT	人字型皮帶	B-2240	1.00	ST
3.00	MS 0103524	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5XP0.8XL50	3.00	EA
4.01	BL 000981301C	RETAINER, MOTOR PULLEY	馬達皮帶輪固定環(FANUC,SIEMENS)	D63xd55XL10	1.00	EA
5.00	BL 000022102C	BRACKET	固定塊	L60xW54xH20	1.00	EA
6.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	4.00	EA
7.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	3.00	EA
8.00	MN 0114210	HEXAGON NUT	六角螺帽	M12xP1.75	1.00	EA
9.00	MS 0154230	HEX HD. FULL THD	六角頭螺絲	M12XP1.75XL80(FULL THD)	1.00	EA
10.00	MS 0104223	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL45	4.00	EA
11.00	BL 001187112C	SCREW, MOTOR SEAT	螺桿	M30xP2, L:166	1.00	EA
12.00	MW 0105610	FLAT WASHER	平墊圈	M30(d30xD54xT5)	1.00	EA
13.00	BL 001066130C	SEAT	馬達座	L492xW392xH113	1.00	EA
14.00	MS 0104424	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M14XP2.0XL50	4.00	EA
15.00	MW 0184410	SPRINGE WASHER	彈簧墊圈	M14	4.00	EA
16.00	MW 0104410	FLAT WASHER	平墊圈	M14	4.00	EA
17.00	BL 001066131C	PLATE, MOTOR	馬達板	L358xW297.5xH28	1.00	EA
18.00	BL 001066132C	BLOCK	止動塊	L64xW34xH35	2.00	EA
19.00	MS 0104223	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL45	4.00	EA
20.00	BL 001059013C	WEDGE	斜楔塊	L64xW24xH38	2.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
\*\*\*\*\*

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	MS 0154223	HEX HD., FULL THD	六角頭螺絲	M12XP1.75XL45	4.00	EA
22.00	BL 000317709C	SPACER, EAGLE SPROCKET(MOTOR	人字齒輪間隔圈	D120xd55xL59	1.00	EA
23.00	BL 000317708C	SPACER, EAGLE SPROCKET(MOTOR	人字齒輪間隔圈	D80Xd55XL 18	1.00	EA
24.00	BL 001066136C	SPACER BLOCK	墊塊	L177W63H20	1.00	EA



REV	DESCRIPTION	DATE	ECN
0	新機試製	2006/8/31	000164



1. STD+7-11M-JB皮帶+FANUC(TALENT 8/66L)
2. CS+7-11M-JB皮帶+FANUC(TALENT 8/66L)

MODEL: TALENT 8/66L	
PART NAME	PART NUMBER
SPINDLE TRANSMISSION(STD/CS/FANUC/11M)	BL 000000203F
主軸傳動(STD/CS/FANUC/11M)	PAGE 1 OF 1
DATE 2006/8/31	SCALE 1:10
REV. 0	

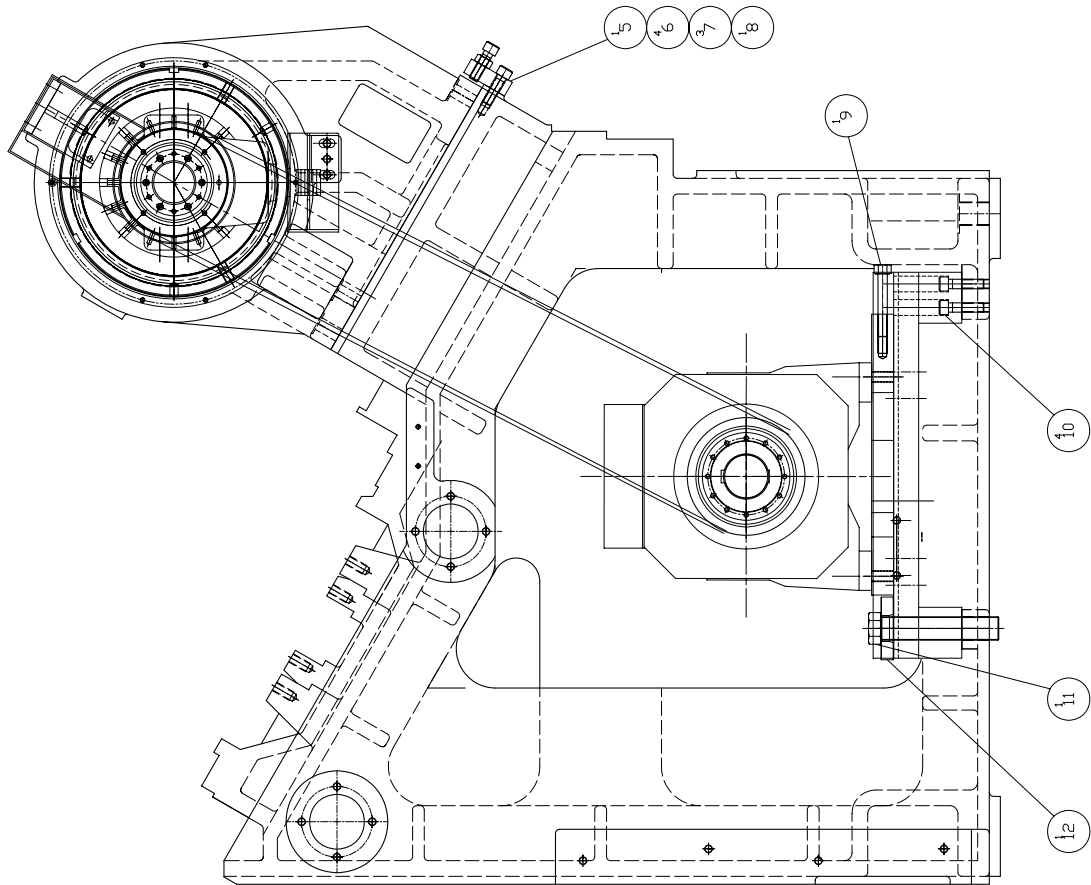
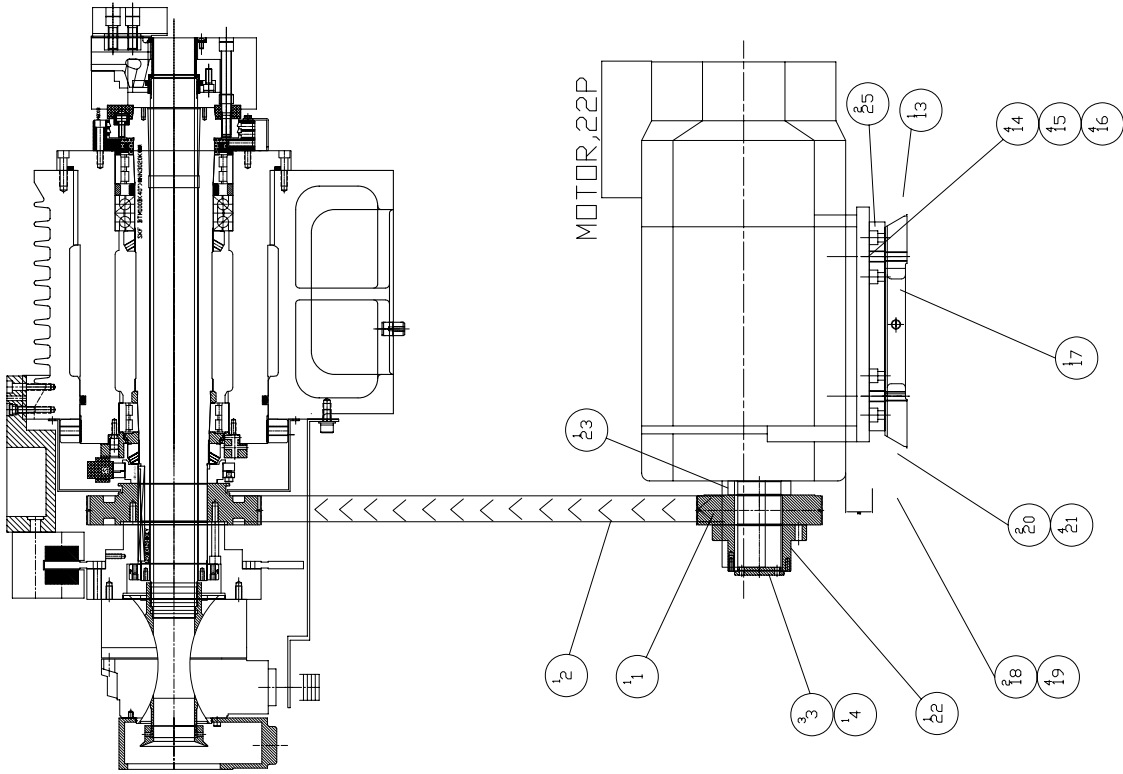
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
\*\*\*\*\*Master Item Part NO.: BL 000000203F  
Description: SPINDLE TRANSMISSION 22P  
主軸傳動22P(STD/CS/FANUC/11M)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 000317737C	PULLEY, MOTOR	馬達皮帶輪	D191.4Xd55XL148.5	1.00	EA
2.00	BL 00033460113	V-belt (TC-52A+ALPHA P22)	皮帶 (TC-52A+ALPHA P22)	7-11M-JB 2180(3+2+2)	1.00	ST
3.00	MS 0103524	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5XP0.8XL50	3.00	EA
4.00	BL 000981300C	RETAINER, MOTOR PULLEY	馬達皮帶輪固定環(FANUC)	D70XL43.5	1.00	EA
5.00	BL 000022102C	BRACKET	固定塊	L60xW54xH20	1.00	EA
6.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	4.00	EA
7.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	3.00	EA
8.00	MN 0114210	HEXAGON NUT	六角螺帽	M12xP1.75	1.00	EA
9.00	MS 0154230	HEX HD. FULL THD	六角頭螺絲	M12XP1.75XL80(FULL THD)	1.00	EA
10.00	MS 0104223	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL45	4.00	EA
11.00	BL 001187112C	SCREW, MOTOR SEAT	螺桿	M30xP2, L:166	1.00	EA
12.00	MW 0105610	FLAT WASHER	平墊圈	M30(d30xD54xT5)	1.00	EA
13.00	BL 001059015F	ADJUSTING BLOCK FOR MOTOR	馬達調整座	L124xW100xH72	1.00	EA
14.00	MS 0104427	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M14XP2.0XL65	4.00	EA
15.00	MW 0184410	SPRINGE WASHER	彈簧墊圈	M14	4.00	EA
16.00	MW 0104410	FLAT WASHER	平墊圈	M14	4.00	EA
17.01	BLA001066139F	MOTOR PLATE	22P馬達板	L340xW293.5xH48	1.00	EA
18.01	BL 001066144F	PLATE	壓板塊	120x124x57	2.00	EA
19.00	MS 0104223	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL45	4.00	EA
20.00	BL 001059013F	WEDGE	斜楔塊	L120xW24xH45	2.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	MS 0154223	HEX HD., FULL THD	六角頭螺絲	M12XP1.75XL45	4.00	EA
22.00	BL 001066140F	PLATE	主軸箱墊板	L390xW310xH50	1.00	EA
23.01	BL 001066152F	SPACER	間隔圈	L266xW50xH20	2.00	EA

REV	DESCRIPTION	DATE	ECN
0	新機試製	2006/12/1	REL F0000



1. CS+EAGLE PD+FANUC+HT<TALENT 8/66L,10/78L>
2. STD+EAGLE PD+FANUC+HT<TALENT 8/66L,10/78L>

MODEL: TALENT 8/66L 10/78L	
PART NAME SPINDLE TRANSMISSION(STD/CS/FANUC/EAGLE Pd/HT) 主軸	PART NUMBER BL 000000204F
DATE	SCALE
PAGE 1	DF 1
REV. 0	

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000000204F

Description: SPINDLE TRANSMISSION 22P

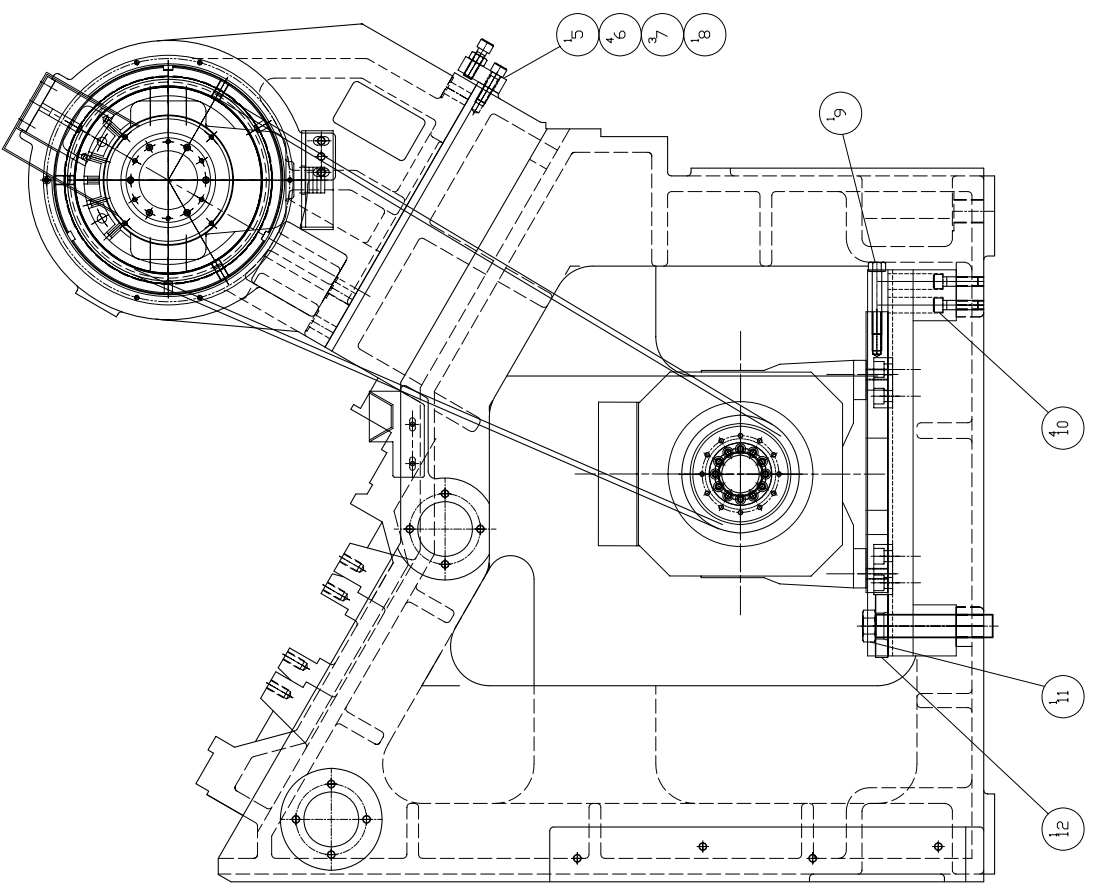
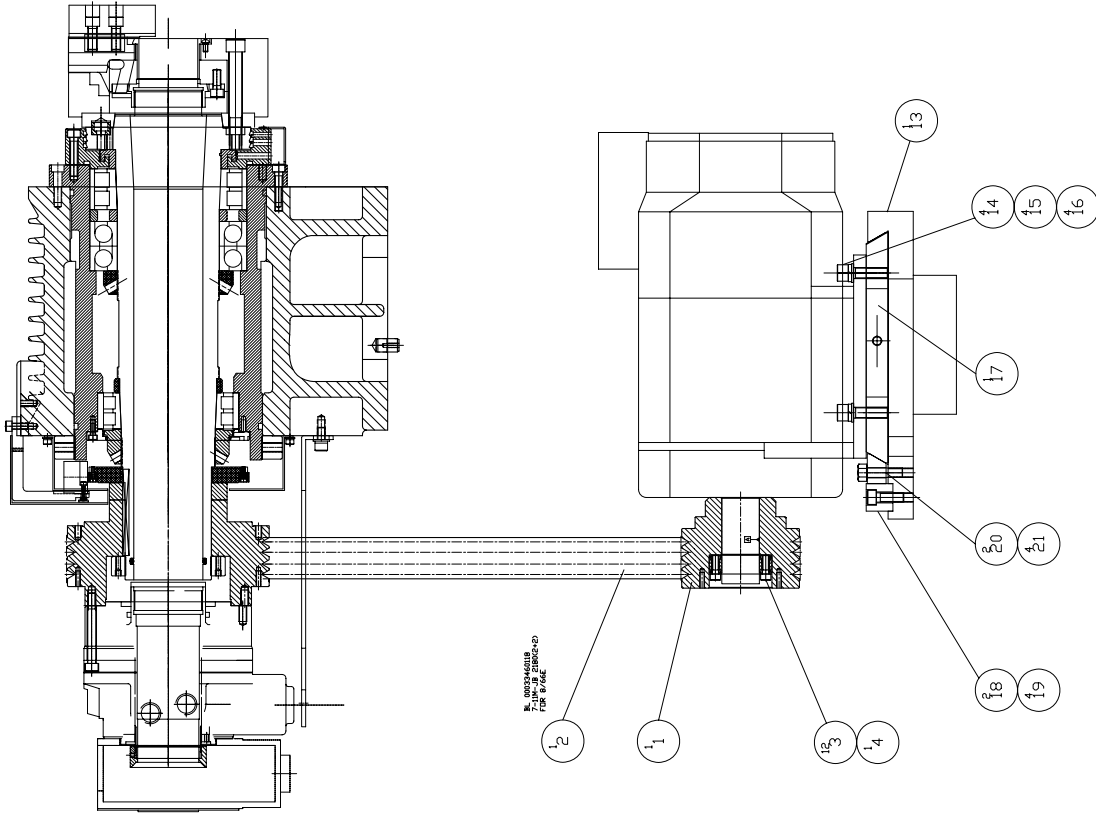
主軸傳動22P(STD/CS/FANUC/EAGLE Pd/

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 000317727D	EAGLE PD SPROCKET, MOTOR	馬達人字齒帶輪	B36S-MPB	1.00	EA
2.00	BL 00033460110	EAGLE HERRINGBONE BELT	人字型皮帶	B-2240	1.00	ST
3.00	MS 0103524	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5XP0.8XL50	3.00	EA
4.01	BL 000981301C	RETAINER, MOTOR PULLEY	馬達皮帶輪固定環(FANUC,SIEMENS)	D63xd55XL10	1.00	EA
5.00	BL 000022102C	BRACKET	固定塊	L60xW54xH20	1.00	EA
6.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	4.00	EA
7.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	3.00	EA
8.00	MN 0114210	HEXAGON NUT	六角螺帽	M12xP1.75	1.00	EA
9.00	MS 0154230	HEX HD. FULL THD	六角頭螺絲	M12XP1.75XL80(FULL THD)	1.00	EA
10.00	MS 0104223	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL45	4.00	EA
11.00	BL 001187112C	SCREW, MOTOR SEAT	螺桿	M30xP2, L:166	1.00	EA
12.00	MW 0105610	FLAT WASHER	平墊圈	M30(d30xD54xT5)	1.00	EA
13.00	BL 001059015F	ADJUSTING BLOCK FOR MOTOR	馬達調整座	L124xW100xH72	1.00	EA
14.00	MS 0104427	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M14XP2.0XL65	4.00	EA
15.00	MW 0184410	SPRINGE WASHER	彈簧墊圈	M14	4.00	EA
16.00	MW 0104410	FLAT WASHER	平墊圈	M14	4.00	EA
17.01	BLA001066139F	MOTOR PLATE	22P馬達板	L340xW293.5xH48	1.00	EA
18.01	BL 001066144F	PLATE	壓板塊	120x124x57	2.00	EA
19.00	MS 0104223	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL45	4.00	EA
20.00	BL 001059013F	WEDGE	斜楔塊	L120xW24xH45	2.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	MS 0154223	HEX HD., FULL THD	六角頭螺絲	M12XP1.75XL45	4.00	EA
22.00	BL 000317709C	SPACER, EAGLE SPROCKET(MOTOR	人字齒輪間隔圈	D120xd55xL59	1.00	EA
23.00	BL 000317708C	SPACER, EAGLE SPROCKET(MOTOR	人字齒輪間隔圈	D80Xd55XL 18	1.00	EA
24.00	BL 001066140F	PLATE	主軸箱墊板	L390xW310xH50	2.00	EA
25.01	BL 001066152F	SPACER	間隔圈	L266xW50xH20	2.00	EA

REV	DESCRIPTION	DATE	ECN
0	発行済	2005/11/14	REL:ADD/2



MODEL: TALENT 10/78-SV	SCALE: 1:10	REV: 0
PART NAME SPINDLE TRANSMISSION(STD/CS/FANUC/11M) 主轴传动(STD/CS/FANUC/11M)	PART NUMBER BL 00000201J	PAGE 1 OF 1
DATE: 2005/11/14		

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000000201J

Description: SPINDLE TRANSMISSION(STC/CS/FA  
主軸傳動(STD/CS/FANUC/11M)

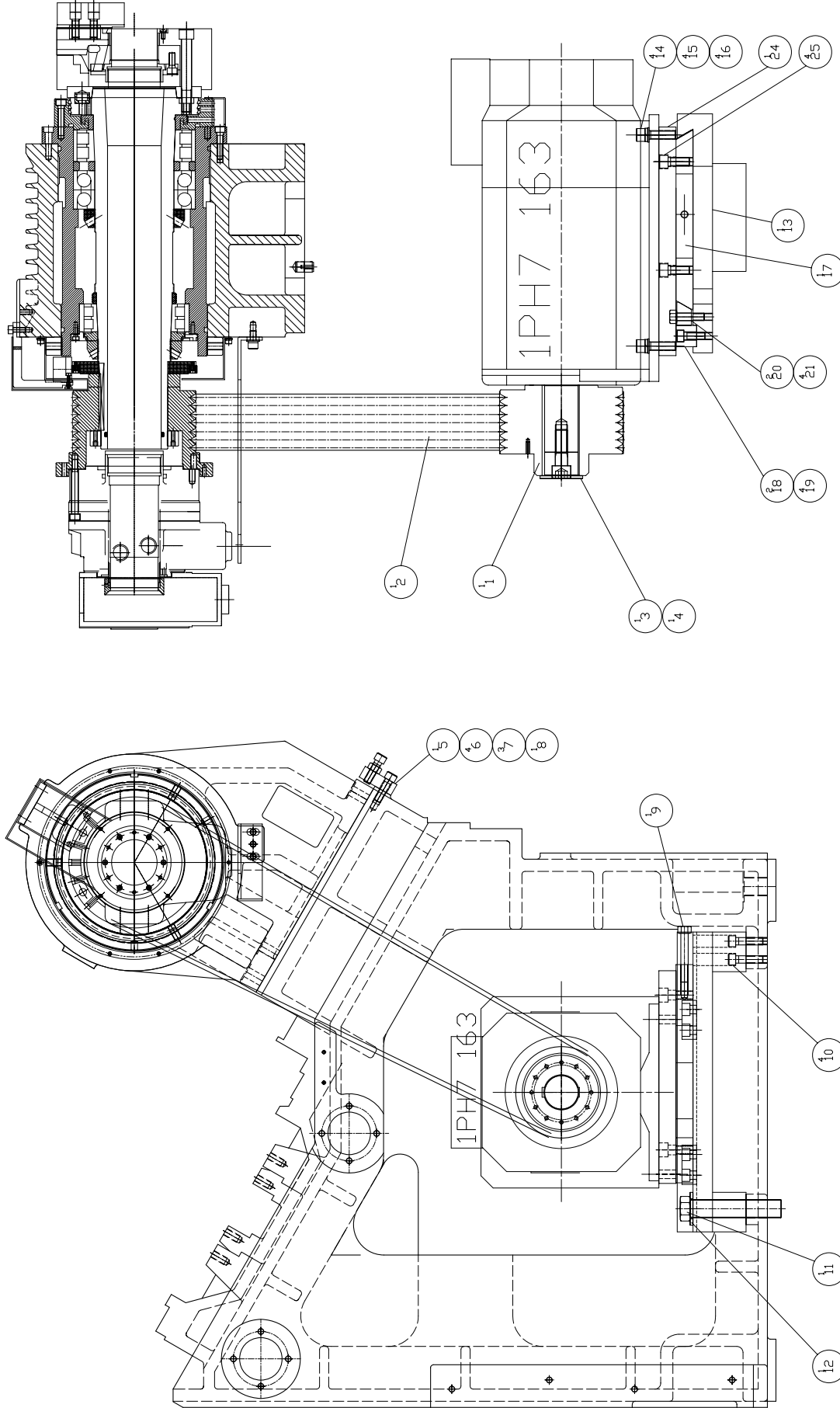
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 000317733J	PULLEY, MOTOR	馬達皮帶輪	D150Xd48XL148.5	1.00	EA
2.00	BL 00033460117	V-belt (TC-78+FANUC βiIP18/600	皮帶 (TC78E+FANUC β iIP18/6000)	4-11M-JB 2240(2+2)	1.00	ST
3.00	MS 0103524	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5XP0.8XL50	3.00	EA
4.00	BL 000981300J	RETAINER, MOTOR PULLEY	馬達皮帶輪固定環(FANUC)	D58XL48	1.00	EA
5.00	BL 000022102C	BRACKET	固定塊	L60xW54xH20	1.00	EA
6.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	4.00	EA
7.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	3.00	EA
8.00	MN 0114210	HEXAGON NUT	六角螺帽	M12xP1.75	1.00	EA
9.00	MS 0154230	HEX HD. FULL THD	六角頭螺絲	M12XP1.75XL80(FULL THD)	1.00	EA
10.00	MS 0104223	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL45	4.00	EA
11.00	BL 001187112C	SCREW, MOTOR SEAT	螺桿	M30xP2, L:166	1.00	EA
12.00	MW 0105610	FLAT WASHER	平墊圈	M30(d30xD54xT5)	1.00	EA
13.00	BL 001066130C	SEAT	馬達座	L492xW392xH113	1.00	EA
14.00	MS 0104424	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M14XP2.0XL50	4.00	EA
15.00	MW 0184410	SPRINGE WASHER	彈簧墊圈	M14	4.00	EA
16.00	MW 0104410	FLAT WASHER	平墊圈	M14	4.00	EA
17.00	BL 001066131C	PLATE, MOTOR	馬達板	L358xW297.5xH28	1.00	EA
18.00	BL 001066132C	BLOCK	止動塊	L64xW34xH35	2.00	EA
19.00	MS 0104223	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL45	4.00	EA
20.00	BL 001059013C	WEDGE	斜楔塊	L64xW24xH38	2.00	EA



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	MS 0154223	HEX HD., FULL THD	六角頭螺絲	M12XP1.75XL45	4.00	EA

REV	DESCRIPTION	DATE	ECN
A	更新零件機殼零件裝配圖	2003/5/14	REL-40019



MODEL: TALENT 10/78

PART NAME: SPINDLE TRANSMISSION(STD/CS/SIEMENS/11M)  
 主軸傳動(STD/CS/SIEMENS/11M)

PART NUMBER: BL 000000205D

PAGE: 1 OF 1

REV: A

SCALE: 1:10

DATE: 2003/6/12

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000000205D

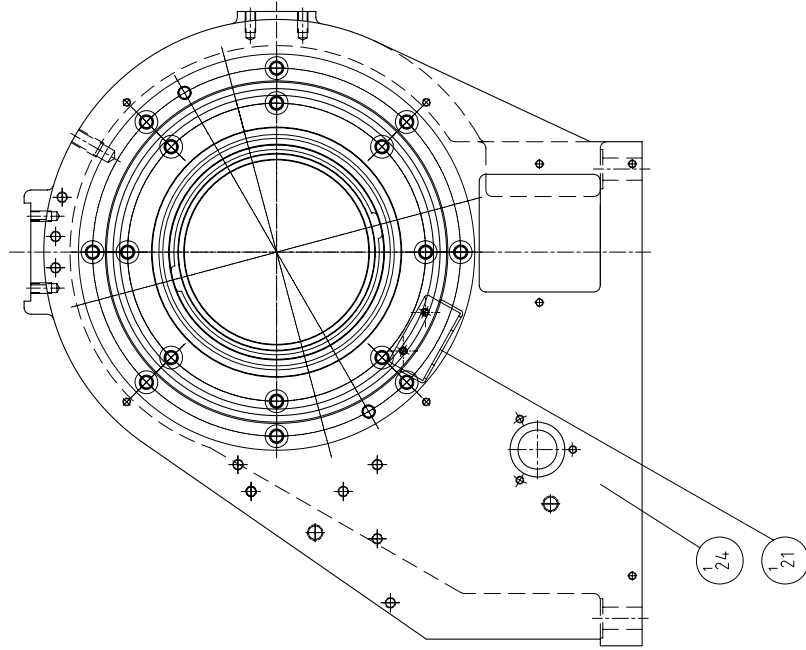
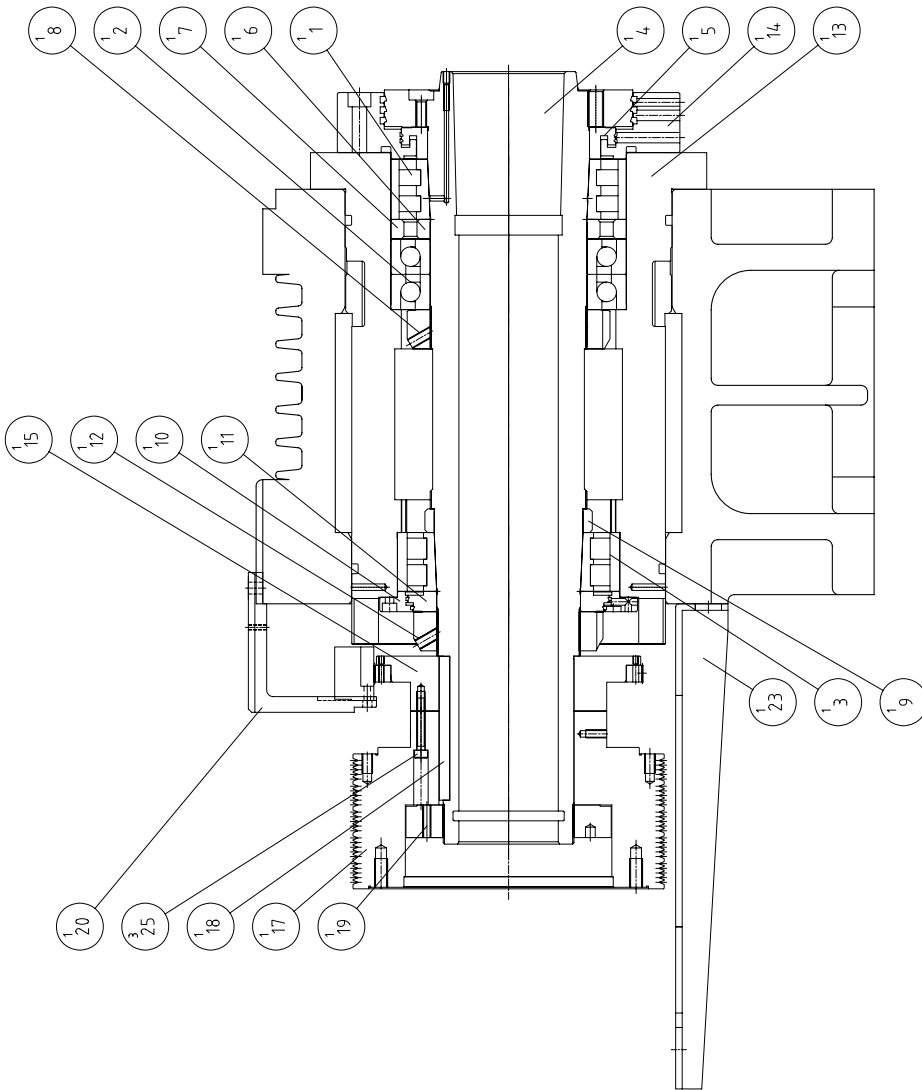
Description: SPINDLE TRANSMISSION(STD/CS/SI)  
主軸傳動(STD/CS/SIEMENS/11M)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 000317737C	PULLEY, MOTOR	馬達皮帶輪	D191.4Xd55XL148.5	1.00	EA
2.00	BL 00033460113	V-belt (TC-52A+ALPHA P22)	皮帶 (TC-52A+ALPHA P22)	7-11M-JB 2180(3+2+2)	1.00	ST
3.00	MS 0105026	SOCKET HD. CAP SCREW	六角穴圓頭螺絲	M20XP2.5XL60	1.00	EA
4.00	BL 000981303C	RETAINER, MOTOR PULLEY	馬達皮帶輪固定環(SIEMENS)	D70XL43.5	1.00	EA
5.00	BL 000022102C	BRACKET	固定塊	L60xW54xH20	1.00	EA
6.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	4.00	EA
7.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	3.00	EA
8.00	MN 0114210	HEXAGON NUT	六角螺帽	M12xP1.75	1.00	EA
9.00	MS 0154230	HEX HD. FULL THD	六角頭螺絲	M12XP1.75XL80(FULL THD)	1.00	EA
10.00	MS 0104223	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL45	4.00	EA
11.00	BL 001187112C	SCREW, MOTOR SEAT	螺桿	M30xP2, L:166	1.00	EA
12.00	MW 0105610	FLAT WASHER	平墊圈	M30(d30xD54xT5)	1.00	EA
13.00	BL 001066130C	SEAT	馬達座	L492xW392xH113	1.00	EA
14.00	MS 0104424	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M14XP2.0XL50	4.00	EA
15.00	MW 0184410	SPRINGE WASHER	彈簧墊圈	M14	4.00	EA
16.00	MW 0104410	FLAT WASHER	平墊圈	M14	4.00	EA
17.00	BL 001066131C	PLATE, MOTOR	馬達板	L358xW297.5xH28	1.00	EA
18.00	BL 001066132C	BLOCK	止動塊	L64xW34xH35	2.00	EA
19.00	MS 0104223	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL45	4.00	EA
20.00	BL 001059013C	WEDGE	斜楔塊	L64xW24xH38	2.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	MS 0154223	HEX HD., FULL THD	六角頭螺絲	M12XP1.75XL45	4.00	EA
24.01	BL 001066128C	SEAT, SIEMENS MOTOR	馬達座(SIEMENS)	L349xW375xH28	1.00	EA
25.00	MS 0104421	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M14XP2.0XL35	4.00	EA

REV	DESCRIPTION	DATE	ECA
0	基本設計	2005/2/16	RLM0001
A	押動力字架の2.5	2008/2/11	10.3.4



MODEL: TC-8/65

PART NAME

CASTRIDGE

PART NUMBER

BL 000015701E

PAGE 1 OF 1

REV. A

DATE 2005/2/16

SCALE 1:6

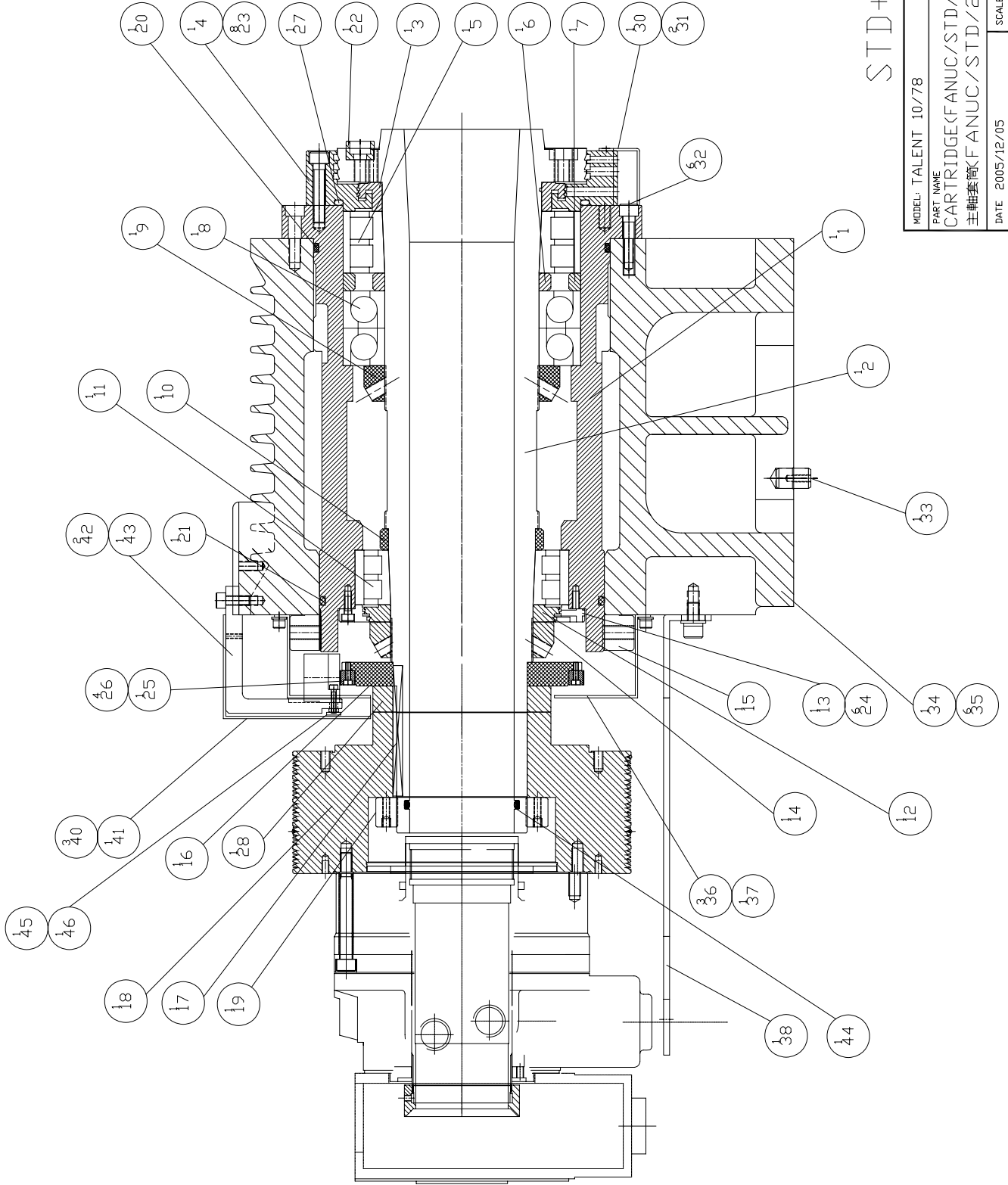
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
\*\*\*\*\*Master Item Part NO.: BL 000015701E  
Description: CARTRIDGE  
主軸套筒

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00002660210	BEARING, SPINDLE(TC78 REAR/TC6	主軸滾筒軸承(TC78後端/TC65前端)	[SKF] NN3024KTN9/SPW33	1.00	EA
2.00	BL 00002660113	BEARING, SPINDLE(TC65)	主軸斜角滾珠軸承(TC65)	[SKF] BTM120B/DBA	1.00	ST
3.00	BL 00002660213	BEARING, SPINDLE(TC65 REAR)	主軸滾筒軸承(TC65後端)	[SKF] NN3022KTN9/SPW33	1.00	EA
4.00	BL 000028300E	adhere	主軸	D:210xL:509.8	1.00	EA
5.00	BL 000179900E	SPACER, SPINDLE	間隔圈	D163.5Xd24.5XL123.83	1.00	EA
6.00	BL 000179904E	SPACER, SPINDLE	間隔圈	D140Xd120XL15	1.00	EA
7.00	BL 000179905E	SPACER, SPINDLE	間隔圈	D180Xd160XL15	1.00	EA
8.00	BL 000049203D	LOCKNUT	鎖緊螺帽(MF-120-研磨)	M120X2[SHIANG KAI]	1.00	EA
9.00	BL 000179903E	SPACER, SPINDLE	間隔圈	D128Xd113.75XL18	1.00	EA
10.00	BL 001011505E	REAR COVER, SPINDLE	主軸後蓋	D197xd1462xL15.5	1.00	EA
11.00	BL 000179902E	SPACER, SPINDLE	間隔圈	D154Xd110XL15.5	1.00	EA
12.00	BL 000049201E	LOCKNUT	鎖緊螺帽	M110xP2	1.00	EA
13.00	BL 000405200E	HOUSING, SPINDLE	軸承套	D303Xd174XL376	1.00	EA
1.00	BL 300405200E	HOUSING, SPINDLE	軸承套	D309Xd158XL382	1.00	EA
14.00	BL 001011500E	COVER, SPINDLE	主軸前蓋	D262xd141xL51	1.00	EA
1.00	BL 301011500E	COVER, SPINDLE	主軸前蓋	D268xd135xL57	1.00	EA
15.01	BL 001066103E	BRACKET, ENCODER GEAR	計速器齒輪座	D:202xd:100xL42	1.00	EA
17.01	BL 000317702E	PULLEY, SPINDLE(TALENT 8/66,FA	主軸皮帶輪(TALENT 8/66,FANUC)	D252.62Xd100XL136.8	1.00	EA
1.00	BL 300317702E	PULLEY, SPINDLE(TALENT 8/65,FA	主軸皮帶輪(TALENT 8/66,FANUC)	D258.6Xd94XL142.8	1.00	EA
18.00	BL 00061150105	SUNK KEY	(雙圓頭鍵)平行鍵	W12*H8*L110	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
19.00	BL 000049202E	LOCKNUT	鎖緊螺帽	M100xP2	1.00	EA
20.01	BL 001066100C	BRACKET, ENCODER	計速器固定座	L107XW75XH98	1.00	EA
1.00	BL 301066100C	BRACKET, ENCODER	計速器固定座	L110XW99XH81	1.00	EA
21.00	BL 000499065D	COVER, DRAIN	洩油孔護蓋	LWH	1.00	ST
23.00	BL 000199010D	BRACKET, ROTARY CYLINDER	迴轉油壓缸固定塊	L371xW140xH40	1.00	ST
24.00	BL 000026400C	HEADSTOCK	主軸箱	L485xW472.5xH317	1.00	EA
1.01	BL 300026400C	HEADSTOCK	主軸箱	L495xW477.5xH327	1.00	EA
25.00	MS 0103622	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL40	3.00	ST

REV	DESCRIPTION	DATE	ECN
A	機殼修繕	2005/12/05	TBL0203
B	軸封材料 39	2006/9/28	204



STD+25PK+FANUC

MODEL: TALENT 10/78	SCALE: 1:5
PART NAME CARTRIDGE(FANUC/STD/25PK) 主軸套筒(FANUC/STD/25PK)	REV: B
PART NUMBER BLB000015701D	PAGE 1 OF 1
DATE: 2005/12/05	



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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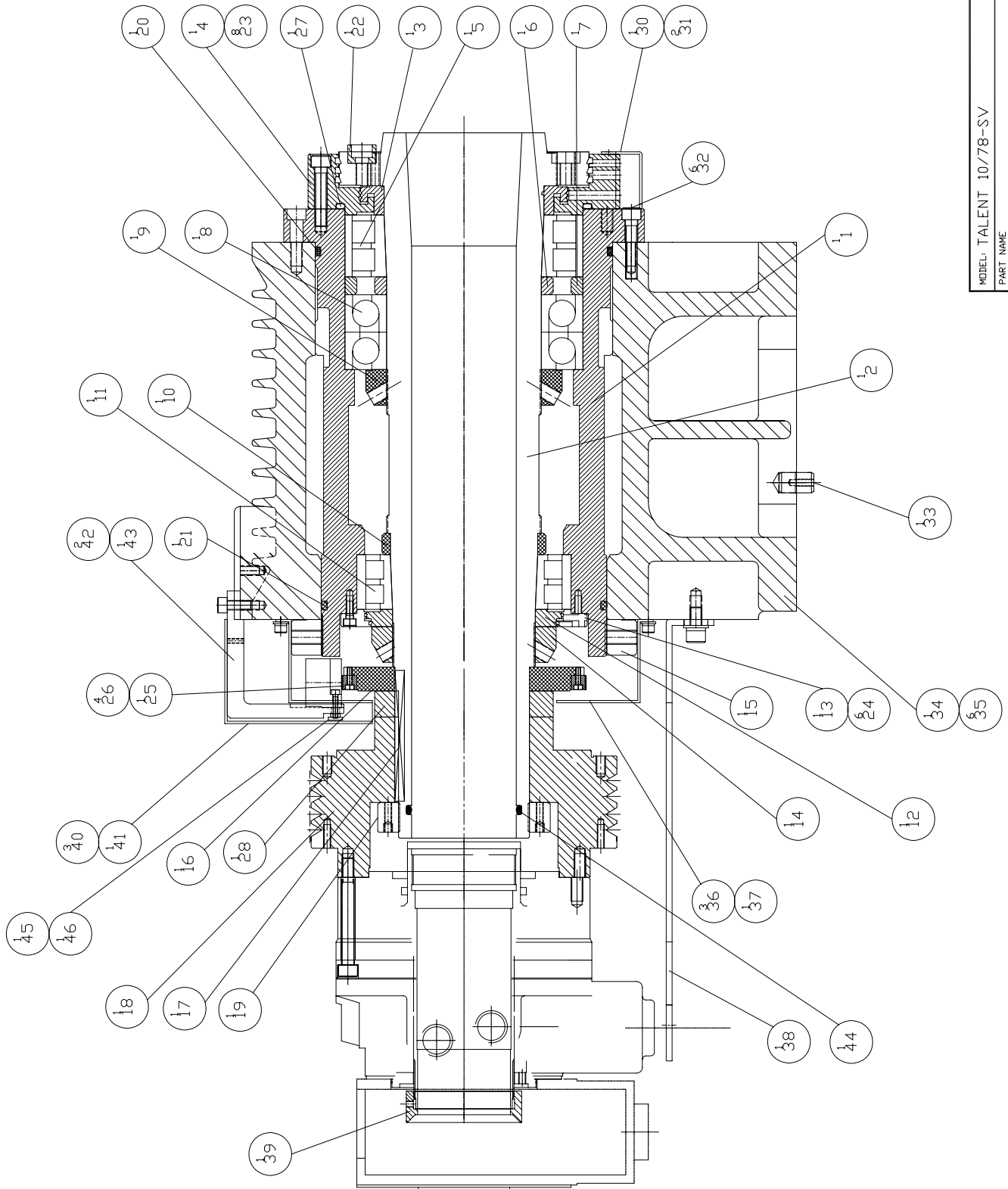
Master Item Part NO.: BLB000015701D  
Description: CARTRIDGE(FANUC/STD/25PK)  
主軸套筒(FANUC/STD/25PK)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.01	BLA000405200D	HOUSING, SPINDLE	軸承套	D303Xd180XL376	1.00	EA
2.01	BL 000028300D	SPINDLE(A2-8)	主軸(A2-8)	D210Xd89.45XL593	1.00	EA
3.00	BL 000179900D	SPACER, SPINDLE	間隔圈	D174Xd134.33XL24.5	1.00	EA
4.00	BLA001011500D	COVER, SPINDLE(10")	主軸前蓋(10")	D262xd151.5xL51	1.00	EA
5.00	BL 00002660208	BEARING, SPINDLE(TC78 FRONT)	主軸滾筒軸承(TC78前端)	[SKF] NN3026KTN9/SPW33	1.00	EA
6.00	BL 000179904D	SPACER, SPINDLE	間隔圈	D150Xd130XL15	1.00	EA
7.00	BL 000179905D	SPACER, SPINDLE	間隔圈	D200Xd180XL15	1.00	EA
8.00	BL 00002660112	BEARING, SPINDLE(TC78)	主軸斜角滾珠軸承(TC78)	[SKF] BTM130B/DBA	1.00	ST
9.00	BL 000049202D	LOCKNUT	鎖緊螺帽(MF-130-研磨)	M130X2[SHIANG KAI]	1.00	EA
10.00	BL 000179903D	SPACER, SPINDLE	間隔圈	D138Xd123.83XL18	1.00	EA
11.00	BL 00002660210	BEARING, SPINDLE(TC78 REAR/TC6)	主軸滾筒軸承(TC78後端/TC65前端)	[SKF] NN3024KTN9/SPW33	1.00	EA
12.00	BLA000179902D	SPACER, SPINDLE	間隔圈	D156.9Xd120XL14.5	1.00	EA
13.00	BLB001011505D	REAR COVER, SPINDLE	主軸後蓋	D207xd157xL14.5	1.00	EA
14.00	BL 000049203D	LOCKNUT	鎖緊螺帽(MF-120-研磨)	M120X2[SHIANG KAI]	1.00	EA
15.00	BL 000049201C	LOCKNUT	鎖緊螺帽(MR-240-精車)	M240X3[SHIANG KAI]	1.00	EA
16.00	BL 001066103D	BRACKET, ENCODER GEAR	計速器齒輪座	L202XW110XH20	1.00	EA
17.00	BL 00061150105	SUNK KEY	(雙圓頭鍵)平行鍵	W12*H8*L110	1.00	EA
18.00	BL 000317740D	PULLEY, SPINDLE(FANUC/STD/Cs-a)	主軸皮帶輪(25PK)	D285xd110xL136	1.00	EA
19.00	BL 000049204D	LOCKNUT	鎖緊螺帽(MF-110)	M110X2[SHIANG KAI]	1.00	EA
20.00	BL 00094310207	O-RING	O型油環	[JIS]G240	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 00094310206	O-RING	[JIS]G230	1.00	EA
22.00	BL 000691605D	DRIVE KEY, A2-8	D23.8xd11xL15.5	1.00	EA
23.00	MS 0104024	SOCKET HEAD CAP SCREW	M10xP1.5xL50	8.00	EA
24.00	MS 0103617	SOCKET HEAD CAP SCREW	M6xP1.0xL16	6.00	EA
26.00	MS 0103417	SOCKET HEAD CAP SCREW	M4xP0.7xL16	2.00	EA
27.00	BL 00094310208	[JIS]G200	[JIS]G200	1.00	EA
28.00	BL 001066134D	SPACER	D150d110T22	1.00	EA
30.00	BL 000499065D	COVER, DRAIN	LWH	1.00	ST
31.00	MS 0153514	HEX HD SCREW., FULL THD	M5xP0.8xL8	2.00	EA
32.00	MS 0104021	SOCKET HEAD CAP SCREW	M10xP1.5xL35	6.00	EA
33.00	BL 001023401A	ORIENTATION, HEADSTOCK	L29xD17	1.00	EA
34.00	BL 000026400C	HEADSTOCK	L485xW472.5xH317	1.00	EA
35.00	MS 0104626	SOCKET HD. CAP SCREW	M16XP2.0XL60	6.00	EA
36.00	MS 0103616	SOCKET HEAD CAP SCREW	M6xP1.0xL12	3.00	EA
37.00	BL 000199099C	LOWER COVER, ENCODER	R160.5xr78xH70	1.00	EA
38.00	BL 000199010D	BRACKET, ROTARY CYLINDER	L371xW140xH40	1.00	ST
40.00	MS 0103616	SOCKET HEAD CAP SCREW	M6xP1.0xL12	3.00	EA
41.00	BL 000299000C	UPPER COVER, ENCODER	R160.5xr78xH87.5	1.00	EA
42.00	MS 0103818	SOCKET HEAD CAP SCREW	M8xP1.25xL20	2.00	EA
43.01	BL 001066100C	BRACKET, ENCODER	L107XW75XH98	1.00	EA
44.00	BL 00094310111	P87 O-RING	P87(VITON)	1.00	EA
45.00	MS 0103418	SOCKET HEAD CAP SCREW	M4xP0.7xL20	1.00	EA
46.00	NV 000199005A	PLATE, ENCODER	L70XW12XH2.3	1.00	EA

REV	DESCRIPTION	DATE	ECN
0	新設計	2005/11/14	PR-40078



MODEL: TALENT 10/78-SV

PART NAME: CARTRIDGE<FANUC/STD/11M>  
主軸套筒<FANUC/STD/11M>

PART NUMBER: BL 000015701J

PAGE: 1 OF 1

REV: 0

SCALE: 1:5

DATE: 2005/11/14  
SHEET: 1/1

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000015701J

Description: CARTRIDGE(FANUC/STD/11M)

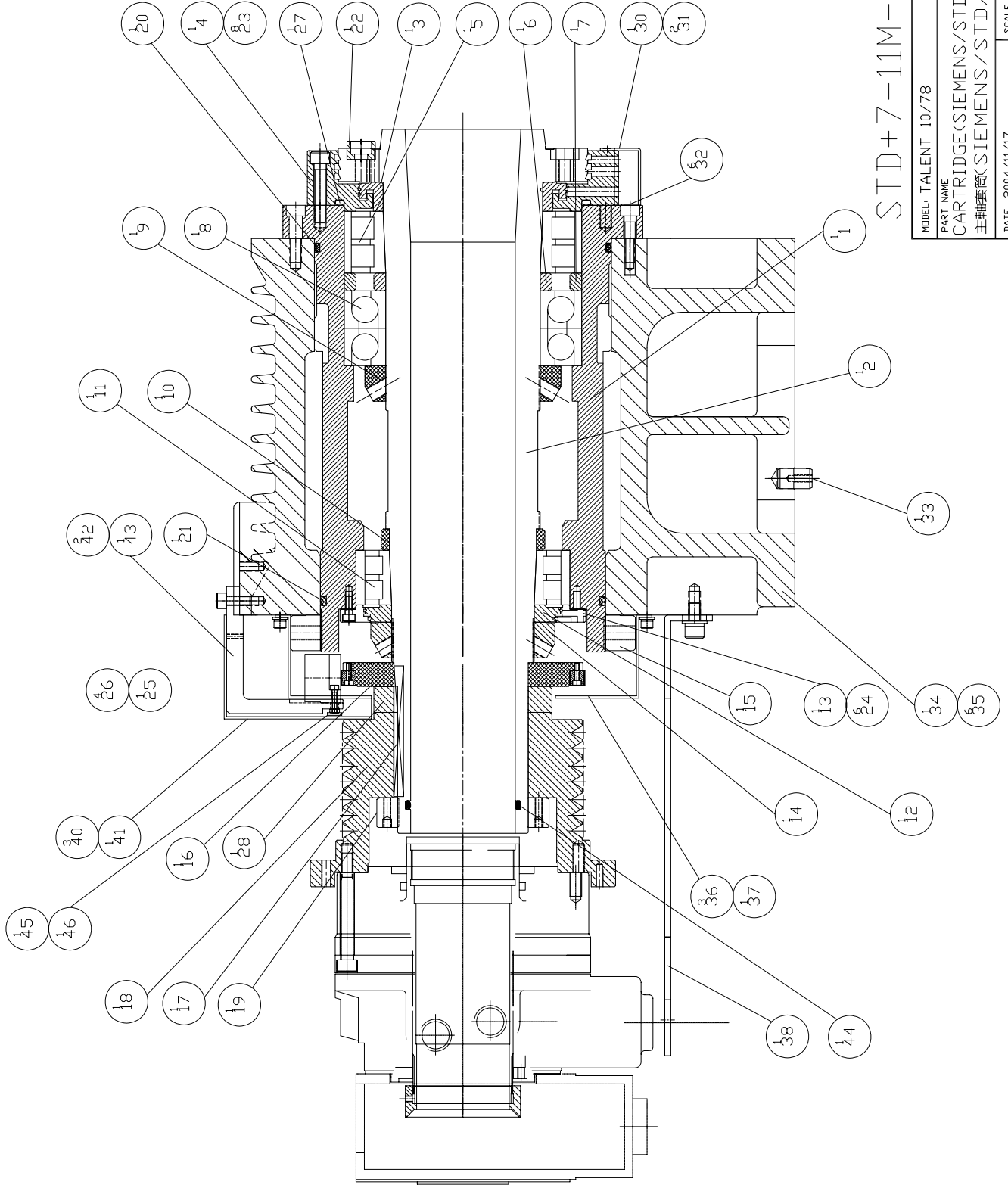
主軸套筒(FANUC/STD/11M)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.01	BLA000405200D	HOUSING, SPINDLE	軸承套	D303Xd180XL376	1.00	EA
2.01	BL 000028300D	SPINDLE(A2-8)	主軸(A2-8)	D210Xd89.45XL593	1.00	EA
3.00	BL 000179900D	SPACER, SPINDLE	間隔圈	D174Xd134.33XL24.5	1.00	EA
4.00	BLA001011500D	COVER, SPINDLE(10")	主軸前蓋(10")	D262xd151.5xL51	1.00	EA
5.00	BL 00002660208	BEARING, SPINDLE(TC78 FRONT)	主軸滾筒軸承(TC78前端)	[SKF] NN3026KTN9/SPW33	1.00	EA
6.00	BL 000179904D	SPACER, SPINDLE	間隔圈	D150Xd130XL15	1.00	EA
7.00	BL 000179905D	SPACER, SPINDLE	間隔圈	D200Xd180XL15	1.00	EA
8.00	BL 00002660112	BEARING, SPINDLE(TC78)	主軸斜角滾珠軸承(TC78)	[SKF] BTM130B/DBA	1.00	ST
9.00	BL 000049202D	LOCKNUT	鎖緊螺帽(MF-130-研磨)	M130X2[SHIANG KAI]	1.00	EA
10.00	BL 000179903D	SPACER, SPINDLE	間隔圈	D138Xd123.83XL18	1.00	EA
11.00	BL 00002660210	BEARING, SPINDLE(TC78 REAR/TC6)	主軸滾筒軸承(TC78後端/TC65前端)	[SKF] NN3024KTN9/SPW33	1.00	EA
12.00	BLA000179902D	SPACER, SPINDLE	間隔圈	D156.9Xd120XL14.5	1.00	EA
13.00	BLB001011505D	REAR COVER, SPINDLE	主軸後蓋	D207xd157xL14.5	1.00	EA
14.00	BL 000049203D	LOCKNUT	鎖緊螺帽(MF-120-研磨)	M120X2[SHIANG KAI]	1.00	EA
15.00	BL 000049201C	LOCKNUT	鎖緊螺帽(MR-240-精車)	M240X3[SHIANG KAI]	1.00	EA
16.00	BL 001066103D	BRACKET, ENCODER GEAR	計速器齒輪座	L202XW110XH20	1.00	EA
17.00	BL 00061150105	SUNK KEY	(雙圓頭鍵)平行鍵	W12*H8*L110	1.00	EA
18.00	BL 000317732J	PULLEY, SPINDLE	主軸皮帶輪	D257Xd110XL134.8	1.00	EA
19.00	BL 000049204D	LOCKNUT	鎖緊螺帽(MF-110)	M110X2[SHIANG KAI]	1.00	EA
20.00	BL 00094310207	O-RING	O型油環	[JIS]G240	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 00094310206	O-RING	[JIS]G230	1.00	EA
22.00	BL 000691605D	DRIVE KEY, A2-8	D23.8xd11xL15.5	1.00	EA
23.00	MS 0104024	SOCKET HEAD CAP SCREW	M10xP1.5xL50	8.00	EA
24.00	MS 0103617	SOCKET HEAD CAP SCREW	M6xP1.0xL16	6.00	EA
26.00	MS 0103417	SOCKET HEAD CAP SCREW	M4xP0.7xL16	2.00	EA
27.00	BL 00094310208	[JIS]G200	[JIS]G200	1.00	EA
28.00	BL 001066134D	SPACER	D150d110T22	1.00	EA
30.00	BL 000499065D	COVER, DRAIN	LWH	1.00	ST
31.00	MS 0153514	HEX HD SCREW., FULL THD	M5xP0.8xL8	2.00	EA
32.00	MS 0104021	SOCKET HEAD CAP SCREW	M10xP1.5xL35	6.00	EA
33.00	BL 001023401A	ORIENTATION, HEADSTOCK	L29xD17	1.00	EA
34.00	BL 000026400C	HEADSTOCK	L485xW472.5xH317	1.00	EA
35.00	MS 0104626	SOCKET HD. CAP SCREW	M16XP2.0XL60	6.00	EA
36.00	MS 0103616	SOCKET HEAD CAP SCREW	M6xP1.0xL12	3.00	EA
38.00	BL 000199010D	BRACKET, ROTARY CYLINDER	L371xW140xH40	1.00	ST
39.01	BLA001011546D	RING, COOLANT	D147xW25.5	1.00	EA
40.00	MS 0103616	SOCKET HEAD CAP SCREW	M6xP1.0xL12	3.00	EA
42.00	MS 0103818	SOCKET HEAD CAP SCREW	M8xP1.25xL20	2.00	EA
43.01	BL 001066100C	BRACKET, ENCODER	L107XW75XH98	1.00	EA
44.00	BL 00094310111	P87 O-RING	P87(VITON)	1.00	EA
45.00	MS 0103418	SOCKET HEAD CAP SCREW	M4xP0.7xL20	1.00	EA
46.00	NV 000199005A	PLATE, ENCODER	L70XW12XH2.3	1.00	EA
47.00	BL 001011600D	COVER, COOLANT	D101xH2.3	1.00	ST

REV	DESCRIPTION	DATE	ECN
A	機殼製造、增加28~46	2004/11/16	BL014
B	軸除付 3号	2006/9/28	204



STD+7-11M-JB皮帶+SIEMENS

MODEL: TALENT 10/78	SCALE: 1:5
PART NAME CARTRIDGE(SIEMENS/STD/11M) 主軸套筒(SIEMENS/STD/11M)	REV: B
PART NUMBER BL 000015705D	PAGE 1 OF 1
DATE: 2004/11/17	

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000015705D

Description: CARTRIDGE(SIEMENS/STD/11M)

主軸套筒(SIEMENS/STD/11M)

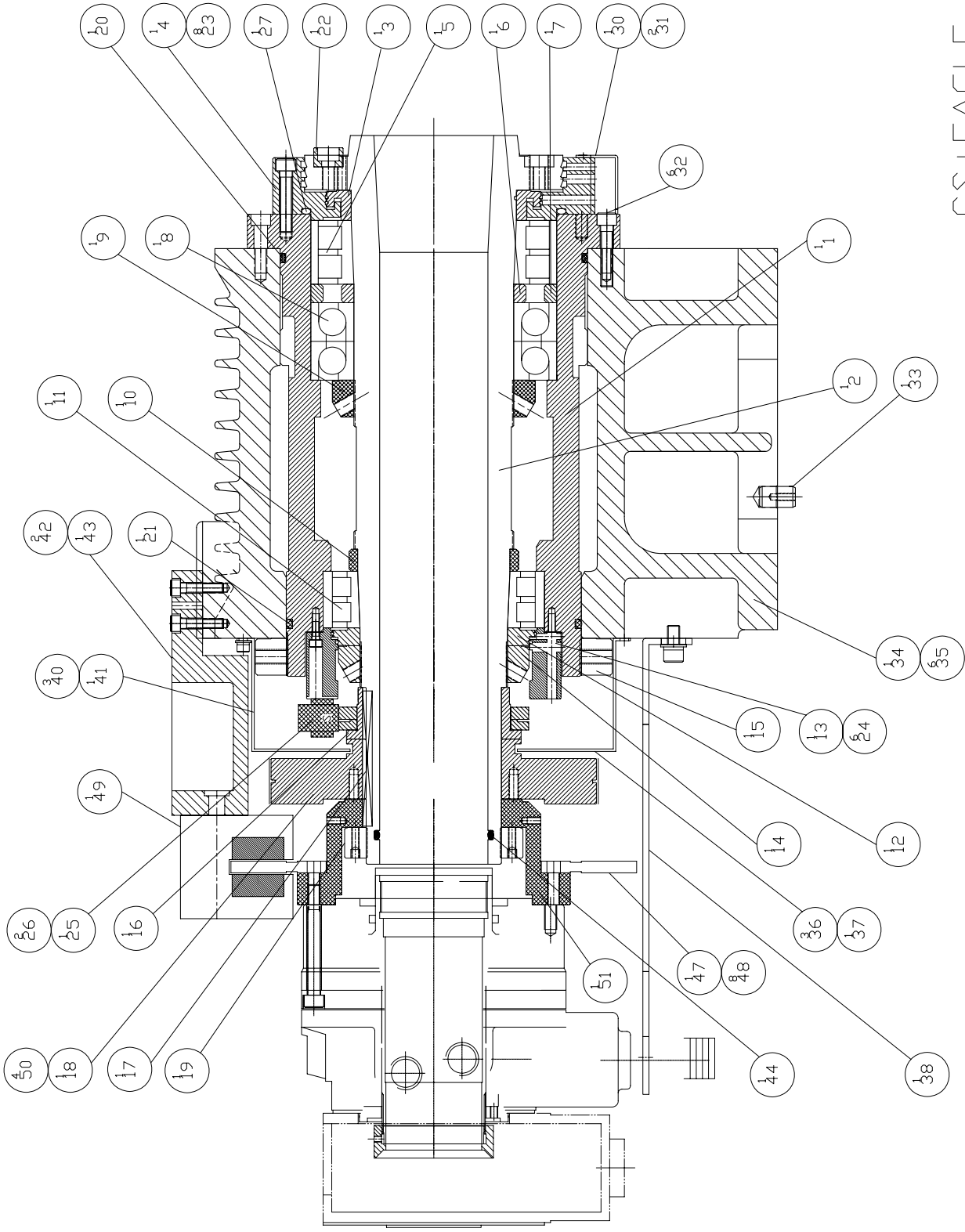
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.01	BLA000405200D	HOUSING, SPINDLE	軸承套	D303Xd180XL376	1.00	EA
2.01	BL 000028300D	SPINDLE(A2-8)	主軸(A2-8)	D210Xd89.45XL593	1.00	EA
3.00	BL 000179900D	SPACER, SPINDLE	間隔圈	D174Xd134.33XL24.5	1.00	EA
4.00	BLA001011500D	COVER, SPINDLE(10")	主軸前蓋(10")	D262xd151.5xL51	1.00	EA
5.00	BL 00002660208	BEARING, SPINDLE(TC78 FRONT)	主軸滾筒軸承(TC78前端)	[SKF] NN3026KTN9/SPW33	1.00	EA
6.00	BL 000179904D	SPACER, SPINDLE	間隔圈	D150Xd130XL15	1.00	EA
7.00	BL 000179905D	SPACER, SPINDLE	間隔圈	D200Xd180XL15	1.00	EA
8.00	BL 00002660112	BEARING, SPINDLE(TC78)	主軸斜角滾珠軸承(TC78)	[SKF] BTM130B/DBA	1.00	ST
9.00	BL 000049202D	LOCKNUT	鎖緊螺帽(MF-130-研磨)	M130X2[SHIANG KAI]	1.00	EA
10.00	BL 000179903D	SPACER, SPINDLE	間隔圈	D138Xd123.83XL18	1.00	EA
11.00	BL 00002660210	BEARING, SPINDLE(TC78 REAR/TC6	主軸滾筒軸承(TC78後端/TC65前端)	[SKF] NN3024KTN9/SPW33	1.00	EA
12.00	BLA000179902D	SPACER, SPINDLE	間隔圈	D156.9Xd120XL14.5	1.00	EA
13.00	BLB001011505D	REAR COVER, SPINDLE	主軸後蓋	D207xd157xL14.5	1.00	EA
14.00	BL 000049203D	LOCKNUT	鎖緊螺帽(MF-120-研磨)	M120X2[SHIANG KAI]	1.00	EA
15.00	BL 000049201C	LOCKNUT	鎖緊螺帽(MR-240-精車)	M240X3[SHIANG KAI]	1.00	EA
16.00	BL 001066103D	BRACKET, ENCODER GEAR	計速器齒輪座	L202XW110XH20	1.00	EA
17.00	BL 00061150105	SUNK KEY	(雙圓頭鍵)平行鍵	W12*H8*L110	1.00	EA
18.00	BL 000317739D	PULLEY, SPINDLE(Siemens STD/Cs	主軸皮帶輪(西門子STD/Cs軸)	D257xd110xL146.8	1.00	EA
19.00	BL 000049204D	LOCKNUT	鎖緊螺帽(MF-110)	M110X2[SHIANG KAI]	1.00	EA
20.00	BL 00094310207	O-RING	O型油環	[JIS]G240	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 00094310206	O-RING	[JIS]G230	1.00	EA
22.00	BL 000691605D	DRIVE KEY, A2-8	D23.8xd11xL15.5	1.00	EA
23.00	MS 0104024	SOCKET HEAD CAP SCREW	M10xP1.5xL50	8.00	EA
24.00	MS 0103617	SOCKET HEAD CAP SCREW	M6xP1.0xL16	6.00	EA
26.00	MS 0103417	SOCKET HEAD CAP SCREW	M4xP0.7xL16	2.00	EA
27.00	BL 00094310208	[JIS]G200	[JIS]G200	1.00	EA
28.00	BL 001066134D	SPACER	D150d110T22	1.00	EA
30.00	BL 000499065D	COVER, DRAIN	LWH	1.00	ST
31.00	MS 0153514	HEX HD SCREW., FULL THD	M5xP0.8xL8	2.00	EA
32.00	MS 0104021	SOCKET HEAD CAP SCREW	M10xP1.5xL35	6.00	EA
33.00	BL 001023401A	ORIENTATION, HEADSTOCK	L29xD17	1.00	EA
34.00	BL 000026400C	HEADSTOCK	L485xW472.5xH317	1.00	EA
35.00	MS 0104626	SOCKET HD. CAP SCREW	M16XP2.0XL60	6.00	EA
36.00	MS 0103616	SOCKET HEAD CAP SCREW	M6xP1.0xL12	3.00	EA
37.00	BL 000499062C	LOWER COVER, SIEMENS ENCODER	R161.5xL79	1.00	EA
38.00	BL 000199010D	BRACKET, ROTARY CYLINDER	L371xW140xH40	1.00	ST
40.00	MS 0103616	SOCKET HEAD CAP SCREW	M6xP1.0xL12	3.00	EA
41.00	BL 000499063C	UPPER COVER, SIEMENS ENCODER	R162xL79	1.00	EA
42.00	MS 0103818	SOCKET HEAD CAP SCREW	M8xP1.25xL20	2.00	EA
43.01	BL 001066100C	BRACKET, ENCODER	L107XW75XH98	1.00	EA
44.00	BL 00094310111	P87 O-RING	P87(VITON)	1.00	EA
45.00	MS 0103418	SOCKET HEAD CAP SCREW	M4xP0.7xL20	1.00	EA
46.00	NV 000199005A	PLATE, ENCODER	L70XW12XH2.3	1.00	EA



REV	DESCRIPTION	DATE	ECN
A	機軸封油封(3)-#51	2004/11/16	BL014
B	軸封封蓋	2006/9/28	204



CS+EAGLE PD+FANUC+HT

MODEL: TALENT 10/78	PART NUMBER	REV. B
PART NAME	BL 000015702D	SCALE 1:5
C5-Axis CARTRIDGE(FANUC/EAGLE Pd/HT)	PAGE 1 OF 1	
C5 軸封蓋(FANUC/EAGLE Pd/HT)		
DATE 2003/6/10		

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000015702D

Description: Cs-Axis CARTRIDGE(FANUC/EAGLE  
Cs軸套筒(FANUC/EAGLE Pd/HT)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.01	BLA000405200D	HOUSING, SPINDLE	軸承套	D303Xd180XL376	1.00	EA
2.01	BL 000028300D	SPINDLE(A2-8)	主軸(A2-8)	D210Xd89.45XL593	1.00	EA
3.00	BL 000179900D	SPACER, SPINDLE	間隔圈	D174Xd134.33XL24.5	1.00	EA
4.00	BLA001011500D	COVER, SPINDLE(10")	主軸前蓋(10")	D262xd151.5xL51	1.00	EA
5.00	BL 00002660208	BEARING, SPINDLE(TC78 FRONT)	主軸滾筒軸承(TC78前端)	[SKF] NN3026KTN9/SPW33	1.00	EA
6.00	BL 000179904D	SPACER, SPINDLE	間隔圈	D150Xd130XL15	1.00	EA
7.00	BL 000179905D	SPACER, SPINDLE	間隔圈	D200Xd180XL15	1.00	EA
8.00	BL 00002660112	BEARING, SPINDLE(TC78)	主軸斜角滾珠軸承(TC78)	[SKF] BTM130B/DBA	1.00	ST
9.00	BL 000049202D	LOCKNUT	鎖緊螺帽(MF-130-研磨)	M130X2[SHIANG KAI]	1.00	EA
10.00	BL 000179903D	SPACER, SPINDLE	間隔圈	D138Xd123.83XL18	1.00	EA
11.00	BL 00002660210	BEARING, SPINDLE(TC78 REAR/TC6)	主軸滾筒軸承(TC78後端/TC65前端)	[SKF] NN3024KTN9/SPW33	1.00	EA
12.00	BLA000179902D	SPACER, SPINDLE	間隔圈	D156.9Xd120XL14.5	1.00	EA
13.00	BLB001011524D	REAR COVER, SPINDLE	主軸後蓋	D207xd153xL57.8	1.00	EA
14.00	BL 000049203D	LOCKNUT	鎖緊螺帽(MF-120-研磨)	M120X2[SHIANG KAI]	1.00	EA
15.00	BL 000049201C	LOCKNUT	鎖緊螺帽(MR-240-精車)	M240X3[SHIANG KAI]	1.00	EA
16.00	BL 000317719D	SEAT, ENCODER	感應尺座	D142Xd110xL42	1.00	EA
17.00	BL 00061150105	SUNK KEY	(雙圓頭鍵)平行鍵	W12*H8*L110	1.00	EA
18.00	BL 000317726D	EAGLE PD SPROCKET, SPINDLE	主軸人字齒帶輪	B60S-MPB	1.00	EA
19.00	BL 000049204D	LOCKNUT	鎖緊螺帽(MF-110)	M110X2[SHIANG KAI]	1.00	EA
20.00	BL 00094310207	O-RING	O型油環	[JIS]G240	1.00	EA

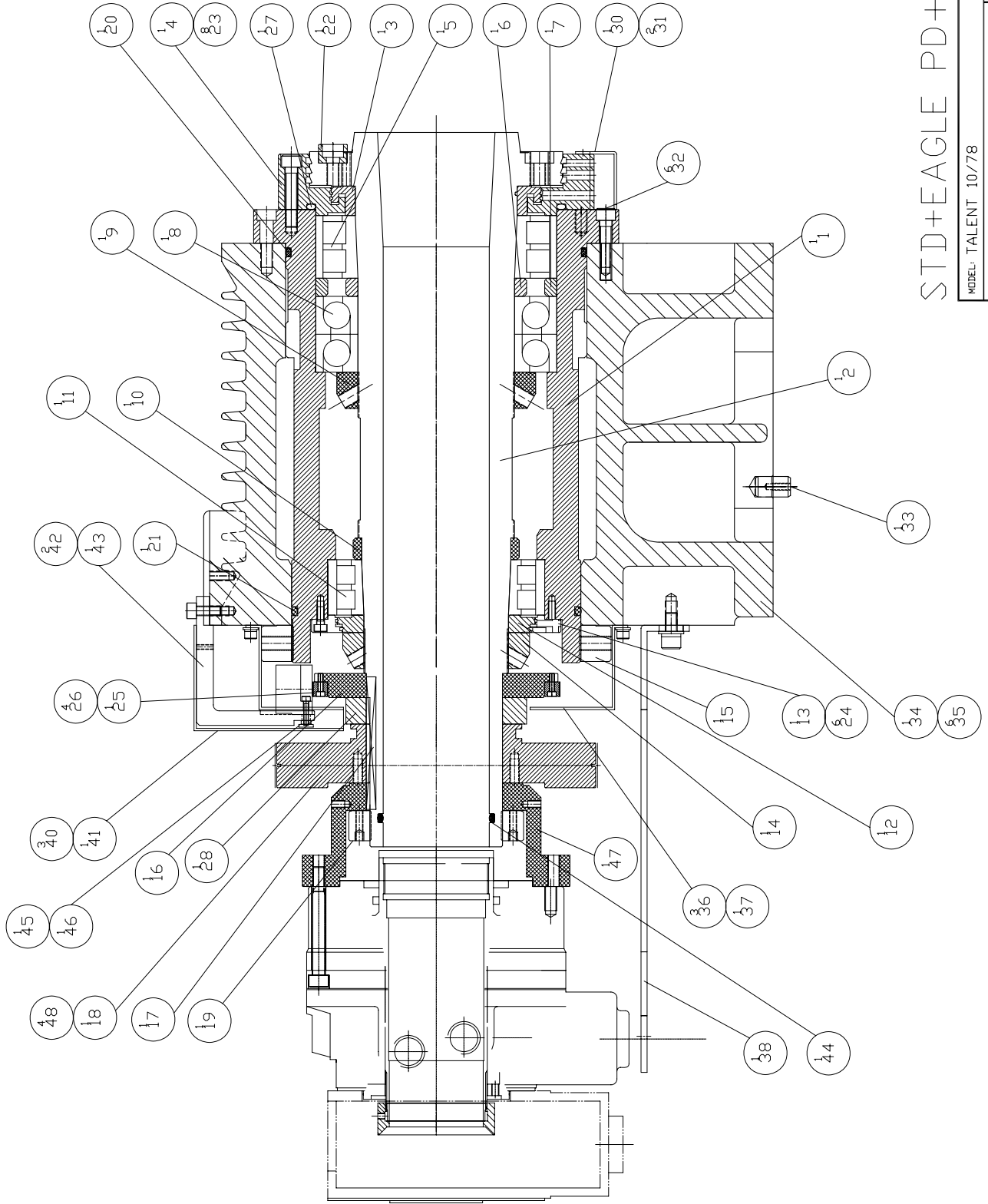
## PRODUCT BOM MASTER AND SUB-ITEMS LIST

Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 00094310206	O-RING	[JIS]G230	1.00	EA
22.00	BL 000691605D	DRIVE KEY, A2-8	D23.8xd11xL15.5	1.00	EA
23.00	MS 0104024	SOCKET HEAD CAP SCREW	M10xP1.5xL50	8.00	EA
24.00	MS 0103617	SOCKET HEAD CAP SCREW	M6xP1.0xL16	6.00	EA
26.00	MS 0103417	SOCKET HEAD CAP SCREW	M4xP0.7xL16	2.00	EA
27.00	BL 00094310208	[JIS]G200	[JIS]G200	1.00	EA
30.00	BL 000499065D	COVER, DRAIN	LWH	1.00	ST
31.00	MS 0153514	HEX HD SCREW., FULL THD	M5xP0.8xL8	2.00	EA
32.00	MS 0104021	SOCKET HEAD CAP SCREW	M10xP1.5xL35	6.00	EA
33.00	BL 001023401A	ORIENTATION, HEADSTOCK	L29xD17	1.00	EA
34.00	BL 000026400C	HEADSTOCK	L485xW472.5xH317	1.00	EA
35.00	MS 0104626	SOCKET HD. CAP SCREW	M16XP2.0XL60	6.00	EA
36.00	MS 0103616	SOCKET HEAD CAP SCREW	M6xP1.0xL12	3.00	EA
37.00	BL 000299062C	LOWER COVER, ENCODER(EAGLE)	R160.5xr68xL92	1.00	ST
38.00	BL 000199010D	BRACKET, ROTARY CYLINDER	L371xW140xH40	1.00	ST
40.00	MS 0103616	SOCKET HEAD CAP SCREW	M6xP1.0xL12	3.00	EA
41.00	BL 000299063C	UPPER COVER, ENCODER(EAGLE)	R160.5xr68xL92	1.00	ST
42.00	MS 0103820	SOCKET HEAD CAP SCREW	M8xP1.25xL30	2.00	EA
43.00	BL 001066117D	SEAT, BRAKE	L199.05XW83XH62	1.00	EA
44.00	BL 00094310111	P87 O-RING	P87(VITON)	1.00	EA
47.00	BL 000807100D	BRAKE DISK	D330xd175xL9.5	1.00	EA
48.00	MS 0104021	SOCKET HEAD CAP SCREW	M10xP1.5xL35	8.00	EA
49.00	BL 001046200A	BRAKE	YUSHIN DBL-20	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
50.00	MS 0103823	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL45	4.00	EA
51.00	BL 000317707D	SEAT, BRAKE DISK	煞車盤座	D222xd110xL86	1.00	EA

REV	DESCRIPTION	DATE	ECN
A	機軸形勢、增加用 28~#48	2004/11/16	18.041
B	削除#39	2006/9/28	20.4



STD+EAGLE PD+FANUC+HT

MODEL: TALENT 10/78	PART NUMBER	REV. B
CARTRIDGE(STD)/FANUC/EAGLE Pd/HT)	BL 000015703D	
主軸基座(STD)/FANUC/EAGLE Pd/HT)	PAGE 1 OF 1	
DATE 2004/2/12	SCALE 1:5	

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000015703D

Description: CARTRIDGE(STD/FANUC/EAGLE Pd/H  
主軸套筒(STD/FANUC/EAGLE Pd/HT)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.01	BLA000405200D	HOUSING, SPINDLE	軸承套	D303Xd180XL376	1.00	EA
2.01	BL 000028300D	SPINDLE(A2-8)	主軸(A2-8)	D210Xd89.45XL593	1.00	EA
3.00	BL 000179900D	SPACER, SPINDLE	間隔圈	D174Xd134.33XL24.5	1.00	EA
4.00	BLA001011500D	COVER, SPINDLE(10")	主軸前蓋(10")	D262xd151.5xL51	1.00	EA
5.00	BL 00002660208	BEARING, SPINDLE(TC78 FRONT)	主軸滾筒軸承(TC78前端)	[SKF] NN3026KTN9/SPW33	1.00	EA
6.00	BL 000179904D	SPACER, SPINDLE	間隔圈	D150Xd130XL15	1.00	EA
7.00	BL 000179905D	SPACER, SPINDLE	間隔圈	D200Xd180XL15	1.00	EA
8.00	BL 00002660112	BEARING, SPINDLE(TC78)	主軸斜角滾珠軸承(TC78)	[SKF] BTM130B/DBA	1.00	ST
9.00	BL 000049202D	LOCKNUT	鎖緊螺帽(MF-130-研磨)	M130X2[SHIANG KAI]	1.00	EA
10.00	BL 000179903D	SPACER, SPINDLE	間隔圈	D138Xd123.83XL18	1.00	EA
11.00	BL 00002660210	BEARING, SPINDLE(TC78 REAR/TC6)	主軸滾筒軸承(TC78後端/TC65前端)	[SKF] NN3024KTN9/SPW33	1.00	EA
12.00	BLA000179902D	SPACER, SPINDLE	間隔圈	D156.9Xd120XL14.5	1.00	EA
13.00	BLB001011505D	REAR COVER, SPINDLE	主軸後蓋	D207xd157xL14.5	1.00	EA
14.00	BL 000049203D	LOCKNUT	鎖緊螺帽(MF-120-研磨)	M120X2[SHIANG KAI]	1.00	EA
15.00	BL 000049201C	LOCKNUT	鎖緊螺帽(MR-240-精車)	M240X3[SHIANG KAI]	1.00	EA
16.00	BL 001066103D	BRACKET, ENCODER GEAR	計速器齒輪座	L202XW110XH20	1.00	EA
17.00	BL 00061150105	SUNK KEY	(雙圓頭鍵)平行鍵	W12*H8*L110	1.00	EA
18.00	BL 000317726D	EAGLE PD SPROCKET, SPINDLE	主軸人字齒帶輪	B60S-MPB	1.00	EA
19.00	BL 000049204D	LOCKNUT	鎖緊螺帽(MF-110)	M110X2[SHIANG KAI]	1.00	EA
20.00	BL 00094310207	O-RING	O型油環	[JIS]G240	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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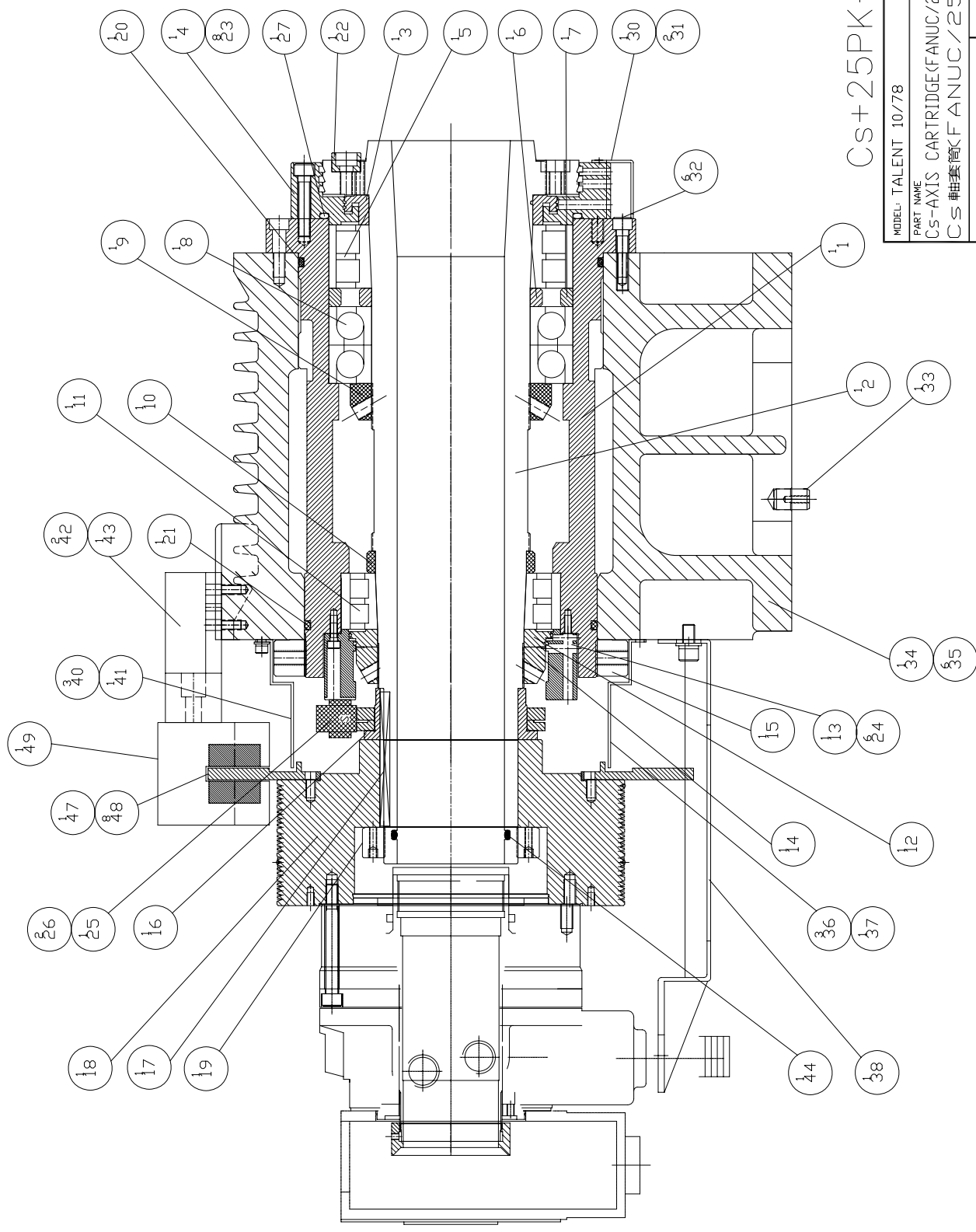
Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 00094310206	O-RING	[JIS]G230	1.00	EA
22.00	BL 000691605D	DRIVE KEY, A2-8	D23.8xd11xL15.5	1.00	EA
23.00	MS 0104024	SOCKET HEAD CAP SCREW	M10xP1.5xL50	8.00	EA
24.00	MS 0103617	SOCKET HEAD CAP SCREW	M6xP1.0xL16	6.00	EA
26.00	MS 0103417	SOCKET HEAD CAP SCREW	M4xP0.7xL16	2.00	EA
27.00	BL 00094310208	[JIS]G200	[JIS]G200	1.00	EA
28.00	BL 001066134D	SPACER	D150d110T22	1.00	EA
30.00	BL 000499065D	COVER, DRAIN	LWH	1.00	ST
31.00	MS 0153514	HEX HD SCREW., FULL THD	M5xP0.8xL8	2.00	EA
32.00	MS 0104021	SOCKET HEAD CAP SCREW	M10xP1.5xL35	6.00	EA
33.00	BL 001023401A	ORIENTATION, HEADSTOCK	L29xD17	1.00	EA
34.00	BL 000026400C	HEADSTOCK	L485xW472.5xH317	1.00	EA
35.00	MS 0104626	SOCKET HD. CAP SCREW	M16XP2.0XL60	6.00	EA
36.00	MS 0103616	SOCKET HEAD CAP SCREW	M6xP1.0xL12	3.00	EA
37.00	BL 000299063C	UPPER COVER, ENCODER(EAGLE)	R160.5xr68xL92	1.00	EA
38.00	BL 000199010D	BRACKET, ROTARY CYLINDER	L371xW140xH40	1.00	ST
40.00	MS 0103616	SOCKET HEAD CAP SCREW	M6xP1.0xL12	3.00	EA
41.00	BL 000299062C	LOWER COVER, ENCODER(EAGLE)	R160.5xr68xL92	1.00	EA
42.00	MS 0103818	SOCKET HEAD CAP SCREW	M8xP1.25xL20	2.00	EA
43.01	BL 001066100C	BRACKET, ENCODER	L107XW75XH98	1.00	EA
44.00	BL 00094310111	P87 O-RING	P87(VITON)	1.00	EA
45.00	MS 0103418	SOCKET HEAD CAP SCREW	M4xP0.7xL20	1.00	EA
46.00	NV 000199005A	PLATE, ENCODER	L70XW12XH2.3	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
47.00	BL 000317707D	SEAT, BRAKE DISK	煞車盤座	D222xd110xL86	1.00	EA
48.00	MS 0103823	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL45	4.00	EA



REV	DESCRIPTION	DATE	ECN
A	PHASE IN	2005/12/05	TRJL003
B	軸封#39	2006/9/28	204



Cs+25PK-BELT+FANUC

MODEL	TALENT 10/78
PART NAME	C5-AXIS CARTRIDGE(FANUC/25PK) C5 軸封套筒(FANUC/25PK)
PART NUMBER	BLA000015704D
PAGE	1 OF 1
REV.	B
SCALE	1:5
DATE	2005/12/05

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BLA000015704D

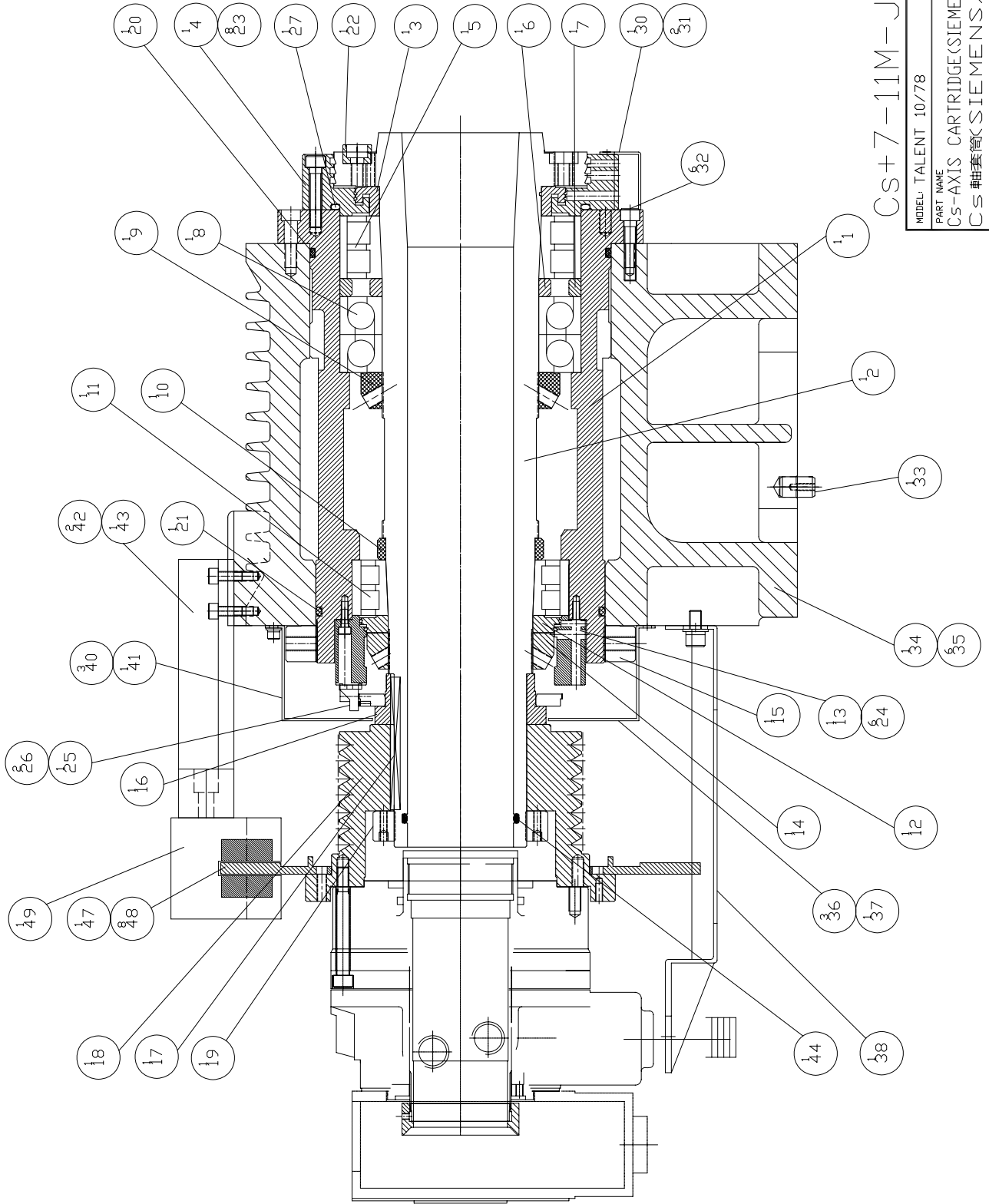
Description: Cs-AXIS CARTRIDGE(FANUC/25PK)  
Cs軸套筒(FANUC/25PK)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.01	BLA000405200D	HOUSING, SPINDLE	軸承套	D303Xd180XL376	1.00	EA
2.01	BL 000028300D	SPINDLE(A2-8)	主軸(A2-8)	D210Xd89.45XL593	1.00	EA
3.00	BL 000179900D	SPACER, SPINDLE	間隔圈	D174Xd134.33XL24.5	1.00	EA
4.00	BLA001011500D	COVER, SPINDLE(10")	主軸前蓋(10")	D262xd151.5xL51	1.00	EA
5.00	BL 00002660208	BEARING, SPINDLE(TC78 FRONT)	主軸滾筒軸承(TC78前端)	[SKF] NN3026KTN9/SPW33	1.00	EA
6.00	BL 000179904D	SPACER, SPINDLE	間隔圈	D150Xd130XL15	1.00	EA
7.00	BL 000179905D	SPACER, SPINDLE	間隔圈	D200Xd180XL15	1.00	EA
8.00	BL 00002660112	BEARING, SPINDLE(TC78)	主軸斜角滾珠軸承(TC78)	[SKF] BTM130B/DBA	1.00	ST
9.00	BL 000049202D	LOCKNUT	鎖緊螺帽(MF-130-研磨)	M130X2[SHIANG KAI]	1.00	EA
10.00	BL 000179903D	SPACER, SPINDLE	間隔圈	D138Xd123.83XL18	1.00	EA
11.00	BL 00002660210	BEARING, SPINDLE(TC78 REAR/TC6)	主軸滾筒軸承(TC78後端/TC65前端)	[SKF] NN3024KTN9/SPW33	1.00	EA
12.00	BLA000179902D	SPACER, SPINDLE	間隔圈	D156.9Xd120XL14.5	1.00	EA
13.00	BLB001011524D	REAR COVER, SPINDLE	主軸後蓋	D207xd153xL57.8	1.00	EA
14.00	BL 000049203D	LOCKNUT	鎖緊螺帽(MF-120-研磨)	M120X2[SHIANG KAI]	1.00	EA
15.00	BL 000049201C	LOCKNUT	鎖緊螺帽(MR-240-精車)	M240X3[SHIANG KAI]	1.00	EA
16.00	BL 000317719D	SEAT, ENCODER	感應尺座	D142Xd110xL42	1.00	EA
17.00	BL 00061150105	SUNK KEY	(雙圓頭鍵)平行鍵	W12*H8*L110	1.00	EA
18.00	BL 000317740D	PULLEY, SPINDLE(FANUC/STD/Cs-a)	主軸皮帶輪(25PK)	D285xd110xL136	1.00	EA
19.00	BL 000049204D	LOCKNUT	鎖緊螺帽(MF-110)	M110X2[SHIANG KAI]	1.00	EA
20.00	BL 00094310207	O-RING	O型油環	[JIS]G240	1.00	EA

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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 00094310206	O-RING	O型油環	[JIS]G230	1.00	EA
22.00	BL 000691605D	DRIVE KEY, A2-8	A2-8夾頭止動環	D23.8xd11xL15.5	1.00	EA
23.00	MS 0104024	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL50	8.00	EA
24.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	6.00	EA
26.00	MS 0103417	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M4xP0.7xL16	2.00	EA
27.00	BL 00094310208	[JIS]G200	O型油環	[JIS]G200	1.00	EA
30.00	BL 000499065D	COVER, DRAIN	洩油孔護蓋	LWH	1.00	ST
31.00	MS 0153514	HEX HD SCREW., FULL THD	六角頭螺絲	M5xP0.8xL8	2.00	EA
32.00	MS 0104021	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL35	6.00	EA
33.00	BL 001023401A	ORIENTATION, HEADSTOCK	主軸箱定位銷	L29xD17	1.00	EA
34.00	BL 000026400C	HEADSTOCK	主軸箱	L485xW472.5xH317	1.00	EA
35.00	MS 0104626	SOCKET HD. CAP SCREW	六角穴圓頭螺絲	M16XP2.0XL60	6.00	EA
36.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	3.00	EA
37.00	BL 000499001C	LOWER COVER, ENCODER(CS)	感應尺防塵下蓋(CS)	R160.5xr133xL80.5	1.00	ST
38.00	BL 000499064D	BRACKET, ROTARY CYLINDER	迴轉油壓缸固定塊	L368xW140xH65	1.00	ST
40.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	3.00	EA
41.00	BL 000499002C	LOWER COVER, ENCODER(CS)	感應尺防塵上蓋(CS)	R160.5xr133xL80.5	1.00	ST
42.00	MS 0103818	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL20	2.00	EA
43.00	BL 001066137C	SEAT, BRAKE	煞車固定座	L98.5xW46xH83	1.00	EA
44.00	BL 00094310111	P87 O-RING	O型油環	P87(VITON)	1.00	EA
47.00	BL 000807101C	BRAKE DISK	煞車盤	D398xd245xL14.5	1.00	EA
48.00	MS 0103815	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL10	8.00	EA
49.00	BL 001046200A	BRAKE	主軸碟式剎車	YUSHIN DBL-20	1.00	EA

REV	DESCRIPTION	DATE	ECN
A	機殼形號,增加H28~#4	2004/11/16	BL001
B	刪除#3	2006/9/28	204



MODEL: TALENT 10/78

PART NAME	PART NUMBER
CS-AXIS CARTRIDGE(SIEMENS/11M)	BL_000015706D
CS 軸套筒(SIEMENS/11M)	PAGE 1 OF 1

DATE 2004/11/17 SCALE 1:5 REV. B

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000015706D

Description: Cs-AXIS CARTRIDGE(SIEMENS/11M)  
Cs軸套筒(SIEMENS/11M)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.01	BLA000405200D	HOUSING, SPINDLE	軸承套	D303Xd180XL376	1.00	EA
2.01	BL 000028300D	SPINDLE(A2-8)	主軸(A2-8)	D210Xd89.45XL593	1.00	EA
3.00	BL 000179900D	SPACER, SPINDLE	間隔圈	D174Xd134.33XL24.5	1.00	EA
4.00	BLA001011500D	COVER, SPINDLE(10")	主軸前蓋(10")	D262xd151.5xL51	1.00	EA
5.00	BL 00002660208	BEARING, SPINDLE(TC78 FRONT)	主軸滾筒軸承(TC78前端)	[SKF] NN3026KTN9/SPW33	1.00	EA
6.00	BL 000179904D	SPACER, SPINDLE	間隔圈	D150Xd130XL15	1.00	EA
7.00	BL 000179905D	SPACER, SPINDLE	間隔圈	D200Xd180XL15	1.00	EA
8.00	BL 00002660112	BEARING, SPINDLE(TC78)	主軸斜角滾珠軸承(TC78)	[SKF] BTM130B/DBA	1.00	ST
9.00	BL 000049202D	LOCKNUT	鎖緊螺帽(MF-130-研磨)	M130X2[SHIANG KAI]	1.00	EA
10.00	BL 000179903D	SPACER, SPINDLE	間隔圈	D138Xd123.83XL18	1.00	EA
11.00	BL 00002660210	BEARING, SPINDLE(TC78 REAR/TC6)	主軸滾筒軸承(TC78後端/TC65前端)	[SKF] NN3024KTN9/SPW33	1.00	EA
12.00	BLA000179902D	SPACER, SPINDLE	間隔圈	D156.9Xd120XL14.5	1.00	EA
13.00	BLB001011524D	REAR COVER, SPINDLE	主軸後蓋	D207xd153xL57.8	1.00	EA
14.00	BL 000049203D	LOCKNUT	鎖緊螺帽(MF-120-研磨)	M120X2[SHIANG KAI]	1.00	EA
15.00	BL 000049201C	LOCKNUT	鎖緊螺帽(MR-240-精車)	M240X3[SHIANG KAI]	1.00	EA
16.00	BL 000317736D	SEAT, ENCODER	感應尺座	D131Xd110xL42	1.00	EA
17.00	BL 00061150105	SUNK KEY	(雙圓頭鍵)平行鍵	W12*H8*L110	1.00	EA
18.00	BL 000317739D	PULLEY, SPINDLE(Siemens STD/Cs)	主軸皮帶輪(西門子STD/Cs軸)	D257xd110xL146.8	1.00	EA
19.00	BL 000049204D	LOCKNUT	鎖緊螺帽(MF-110)	M110X2[SHIANG KAI]	1.00	EA
20.00	BL 00094310207	O-RING	O型油環	[JIS]G240	1.00	EA

## PRODUCT BOM MASTER AND SUB-ITEMS LIST

Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 00094310206	O-RING	[JIS]G230	1.00	EA
22.00	BL 000691605D	DRIVE KEY, A2-8	D23.8xd11xL15.5	1.00	EA
23.00	MS 0104024	六角穴圓頭螺絲	M10xP1.5xL50	8.00	EA
24.00	MS 0103617	六角穴圓頭螺絲	M6xP1.0xL16	6.00	EA
25.00	BL 000620005D	SENSOR, C AXIS(SIEMENS)	LENORD/BAUER ZA-N-0.3M512T 內徑1	1.00	EA
26.00	MS 0103417	六角穴圓頭螺絲	M4xP0.7xL16	2.00	EA
27.00	BL 00094310208	O型油環	[JIS]G200	1.00	EA
30.00	BL 000499065D	COVER, DRAIN	LWH	1.00	ST
31.00	MS 0153514	六角頭螺絲	M5xP0.8xL8	2.00	EA
32.00	MS 0104021	六角穴圓頭螺絲	M10xP1.5xL35	6.00	EA
33.00	BL 001023401A	ORIENTATION, HEADSTOCK	L29xD17	1.00	EA
34.00	BL 000026400C	HEADSTOCK	L485xW472.5xH317	1.00	EA
35.00	MS 0104626	SOCKET HD. CAP SCREW	M16XP2.0XL60	6.00	EA
36.00	MS 0103616	SOCKET HEAD CAP SCREW	M6xP1.0xL12	3.00	EA
37.00	BL 000499062C	LOWER COVER, SIEMENS ENCODER	R161.5xL79	1.00	ST
38.00	BL 000499064D	BRACKET, ROTARY CYLINDER	L368xW140xH65	1.00	ST
40.00	MS 0103616	SOCKET HEAD CAP SCREW	M6xP1.0xL12	3.00	EA
41.00	BL 000499063C	UPPER COVER, SIEMENS ENCODER	R162xL79	1.00	ST
42.00	MS 0103818	SOCKET HEAD CAP SCREW	M8xP1.25xL20	2.00	EA
43.00	BL 001066140C	SEAT, BRAKE(Siemens)	L214.5xW46xH75	1.00	EA
44.00	BL 00094310111	P87 O-RING	P87(VITON)	1.00	EA
47.00	BL 000807101C	BRAKE DISK	D398xd245xL14.5	1.00	EA
48.00	MS 0103815	SOCKET HEAD CAP SCREW	M8xP1.25xL10	8.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
49.00	BL 001046200A	BRAKE	主軸碟式剎車	YUSHIN DBL-20	1.00	EA

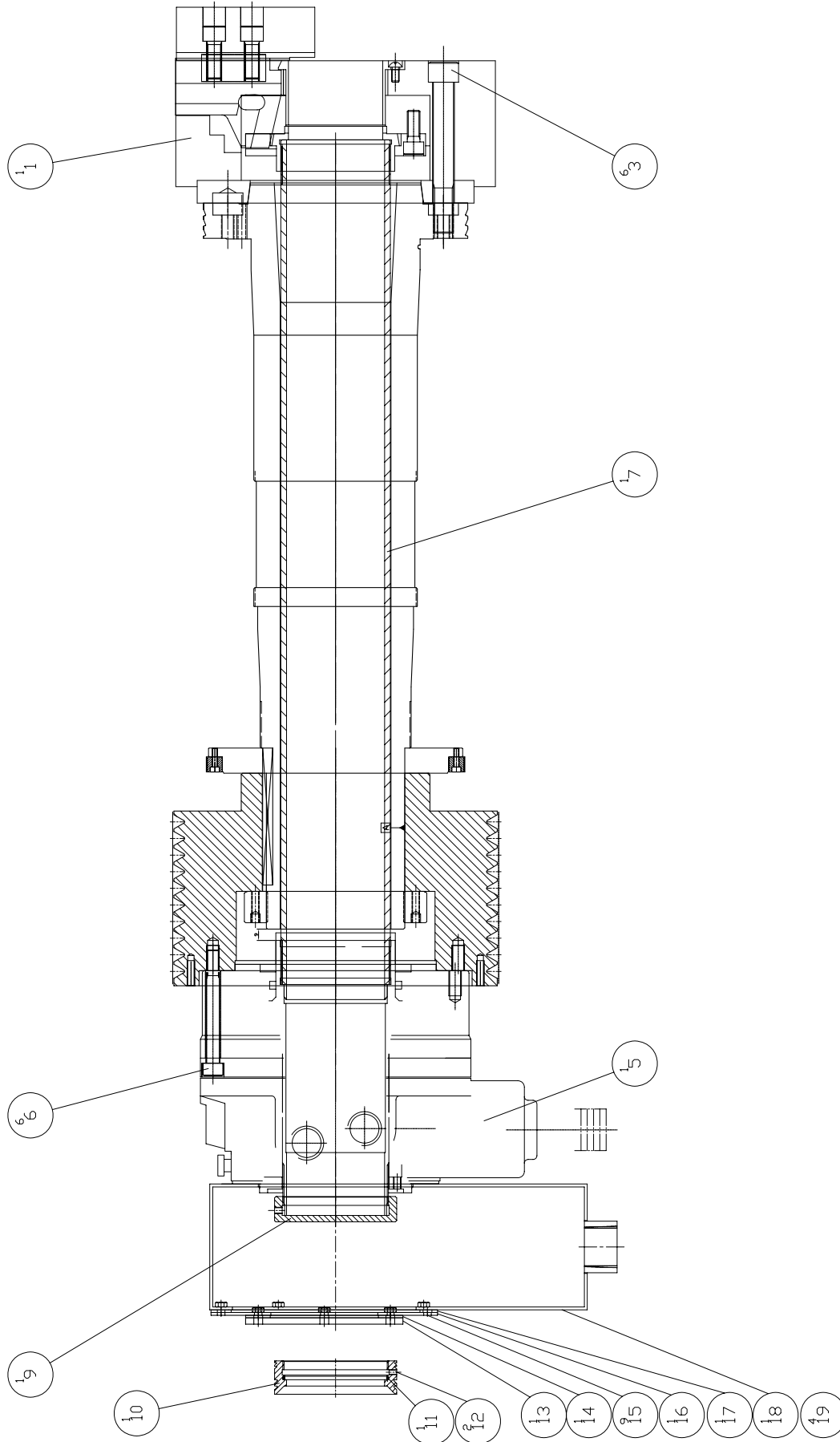
# Chapter 2

夾頭

Chuck



REV	DESCRIPTION	DATE	ECN
A	機殼殼	2003/4/29	BL0166
B	增加 10~12 號	2006/9/28	204
C	8 號更換為 13~15 號	2007/4/12	242



MODEL: TALENT 8/66	PART NUMBER	BL 000015801E
PART NAME	3 JAW CHUCK ASSEMBLY	
三爪夾頭組合圖	PAGE	1 OF 1
DATE 2003/6/10	SCALE	1:5
REV.	C	

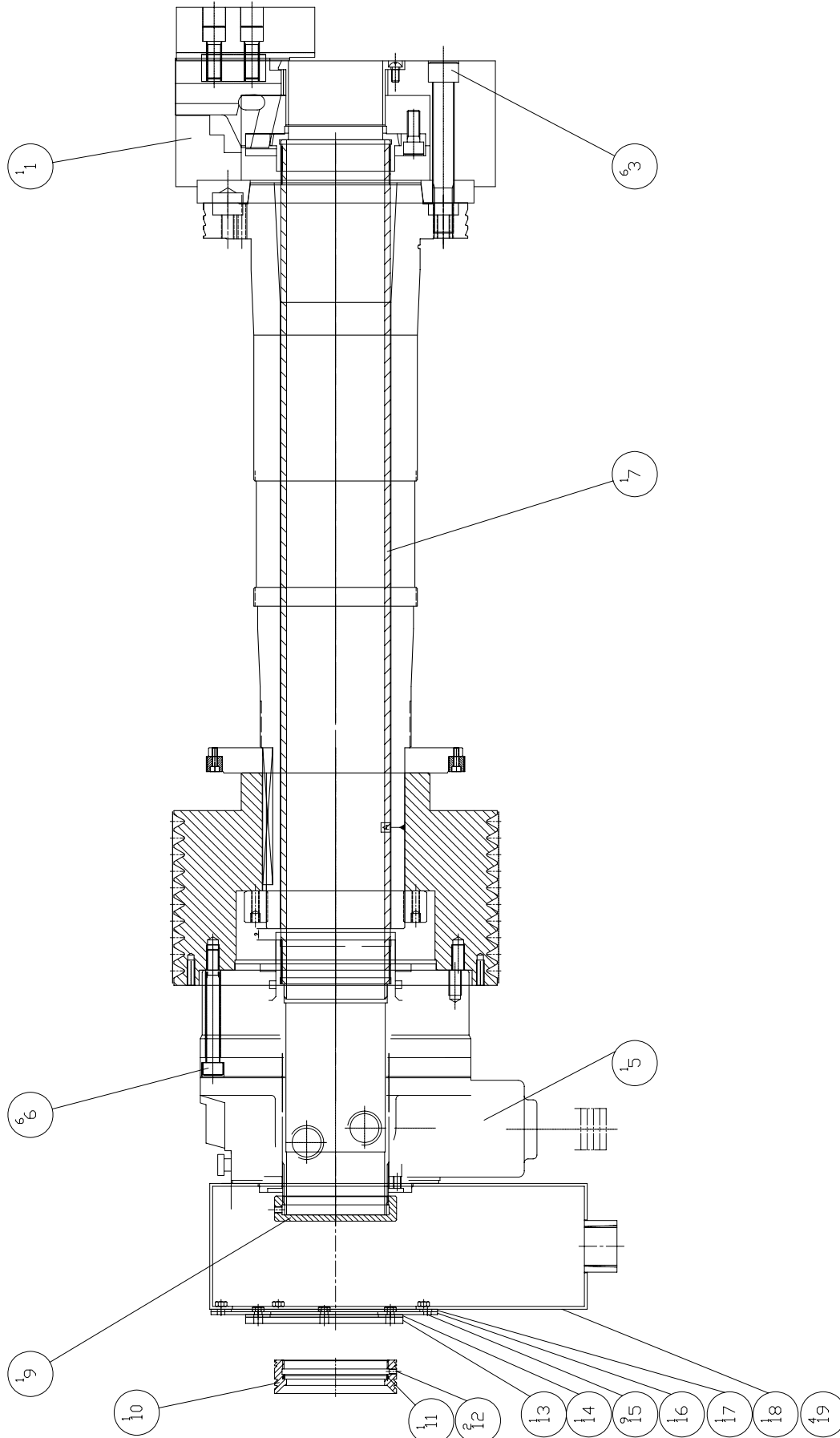
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000015801E

Description: 3 JAW CHUCK ASSEMBLY  
三爪夾頭組合圖

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00011910111	8" POWER CHUCK(TALENT8/66)	8"夾頭(TALENT8/66)	[TON FOUJ TF3X-8A6(A2-6 SPINDL	1.00	ST
3.00	MS 0104032	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10XP1.5XL100	6.00	EA
4.00	MS 0104220	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL30	6.00	EA
5.00	BL 00029170104	ROTARY HYDRAULIC CYLINDER	旋轉油壓缸	[TON FOUJ RCS10S(ID68,NUT=M75	1.00	ST
6.00	MS 0104031	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL90	6.00	EA
7.00	BL 000048000E	BRAW TUBE	拉桿	D:75xL:669(A2-6)	1.00	EA
10.01	BLA001011546D	RING, COOLANT	導水環	D147xW25.5	1.00	EA
11.00	BL 00094310120	O-RING	O型油環	S80	1.00	EA
12.00	MS 0573413	SET SCREW	固定螺絲	(TANSHING)M4xP0.7X6	2.00	EA
13.00	BL 001049904D	COVER,COOLANT	集水槽蓋	D125*H5	1.00	EA
14.00	BL 000805028D	RUBBER,COOLANT COLLECTOR COVER	耐油橡膠墊片(集水槽蓋)	D105xd86xt2	1.00	EA
15.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	9.00	EA
16.00	BLA000299033D	COVER,COOLANT COLLECTORS	集水槽蓋	L176xW200xt2.3	1.00	EA
17.00	BL 000805027D	RUBBER,COOLANT COLLECTORS	耐油橡膠墊片(集水槽)	L200xW176xt2	1.00	EA
18.00	BLA000299031D	COOLANT COLLECTORS	集水槽	L300xW200xH100	1.00	EA
19.00	MS 0313617	SOCKET FLAT HEAD SCREW	六角穴平頭螺絲	M6xP1.0xL16	4.00	EA
20.00	BL 001011600D	COVER, COOLANT	導水環蓋	D101xH2.3	1.00	EA

REV	DESCRIPTION	DATE	ECN
A	機殼殼	2003/4/29	BL0166
B	增加 10~12 號	2006/9/28	204
C	8 號更換為 13~15 號	2007/4/12	242



MODEL: TALENT 10/78	PART NUMBER
PART NAME	BL 000015801D
3 JAW CHUCK ASSEMBLY	PAGE 1 OF 1
三爪夾頭組合圖	REV. C
DATE 2003/6/10	SCALE 1:5
HEAD	
FILE	

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

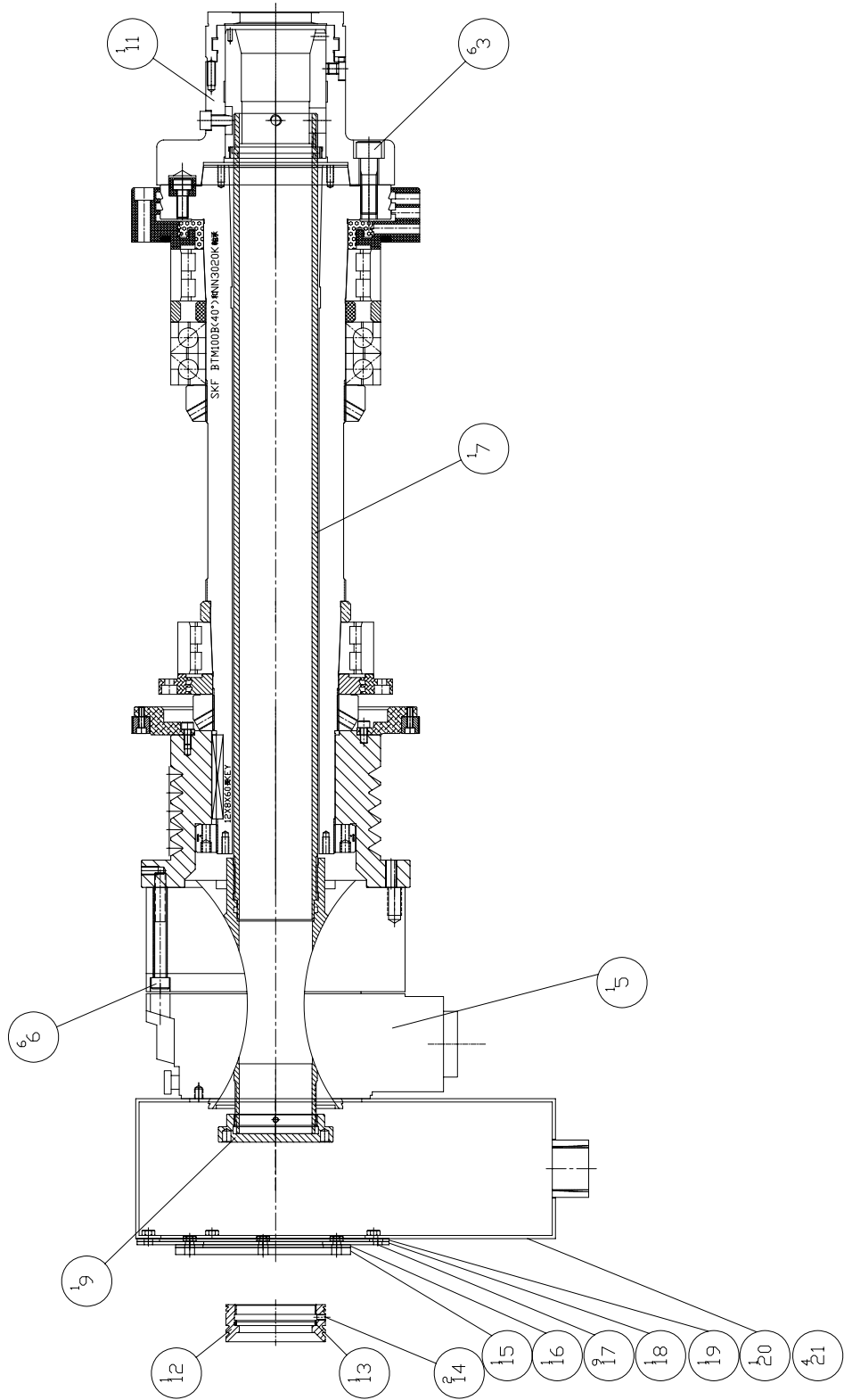
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Master Item Part NO.: BL 000015801D

Description: 3 JAW CHUCK ASSEMBLY  
三爪夾頭組合圖

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00011910104	10" POWER CHUCK	10"夾頭	[TON FOUJ TF3X-10A8	1.00	ST
3.00	MS 0104634	SOCKET HD. CAP SCREW	六角穴圓頭螺絲	M16XP2.0XL120	6.00	EA
5.00	BL 00029170103	ROTARY HYDRAULIC CYLINDER	旋轉油壓缸	[TON FOUJ RCS10X	1.00	ST
6.00	MS 0104031	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL90	6.00	EA
7.00	BL 000048000D	DRAW TUBE	拉桿	D87xd78xL683	1.00	EA
10.01	BLA001011546D	RING, COOLANT	導水環	D147xW25.5	1.00	EA
11.00	BL 00094310120	O-RING	O型油環	S80	1.00	EA
12.00	MS 0573413	SET SCREW	固定螺絲	(TANSHING)M4xP0.7X6	2.00	EA
13.00	BL 001049904D	COVER,COOLANT	集水槽蓋	D125*H5	1.00	EA
14.00	BL 000805028D	RUBBER,COOLANT COLLECTOR COVER	耐油橡膠墊片(集水槽蓋)	D105xd86xt2	1.00	EA
15.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	9.00	EA
16.00	MS 0313617	SOCKET FLAT HEAD SCREW	六角穴平頭螺絲	M6xP1.0xL16	4.00	EA
17.00	BLA000299033D	COVER,COOLANT COLLECTORS	集水槽蓋	L176xW200xt2.3	1.00	EA
18.00	BL 000805027D	RUBBER,COOLANT COLLECTORS	耐油橡膠墊片(集水槽)	L200xW176xt2	1.00	EA
19.00	BLA000299031D	COOLANT COLLECTORS	集水槽	L300xW200xH100	1.00	EA
20.00	BL 001011600D	COVER, COOLANT	導水環蓋	D101xH2.3	1.00	EA

REV	DESCRIPTION	DATE	ECN
A	機殼殼	2002/4/29	BL-0166
B	增加 10~12 號	2006/9/28	204
C	8 號更換為 13~15 號	2007/4/12	242



MODEL: TALENT 8/66

PART NAME  
COLLET CHUCK ASSEMBLY  
筒夾夾頭組合圖

PART NUMBER  
BL 000015802E

PAGE 1 OF 1

REV. C

SCALE 1:5

DATE 2002/6/10

PART

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000015802E

Description: COLLET CHUCK ASSEMBLY  
筒夾夾頭組合圖

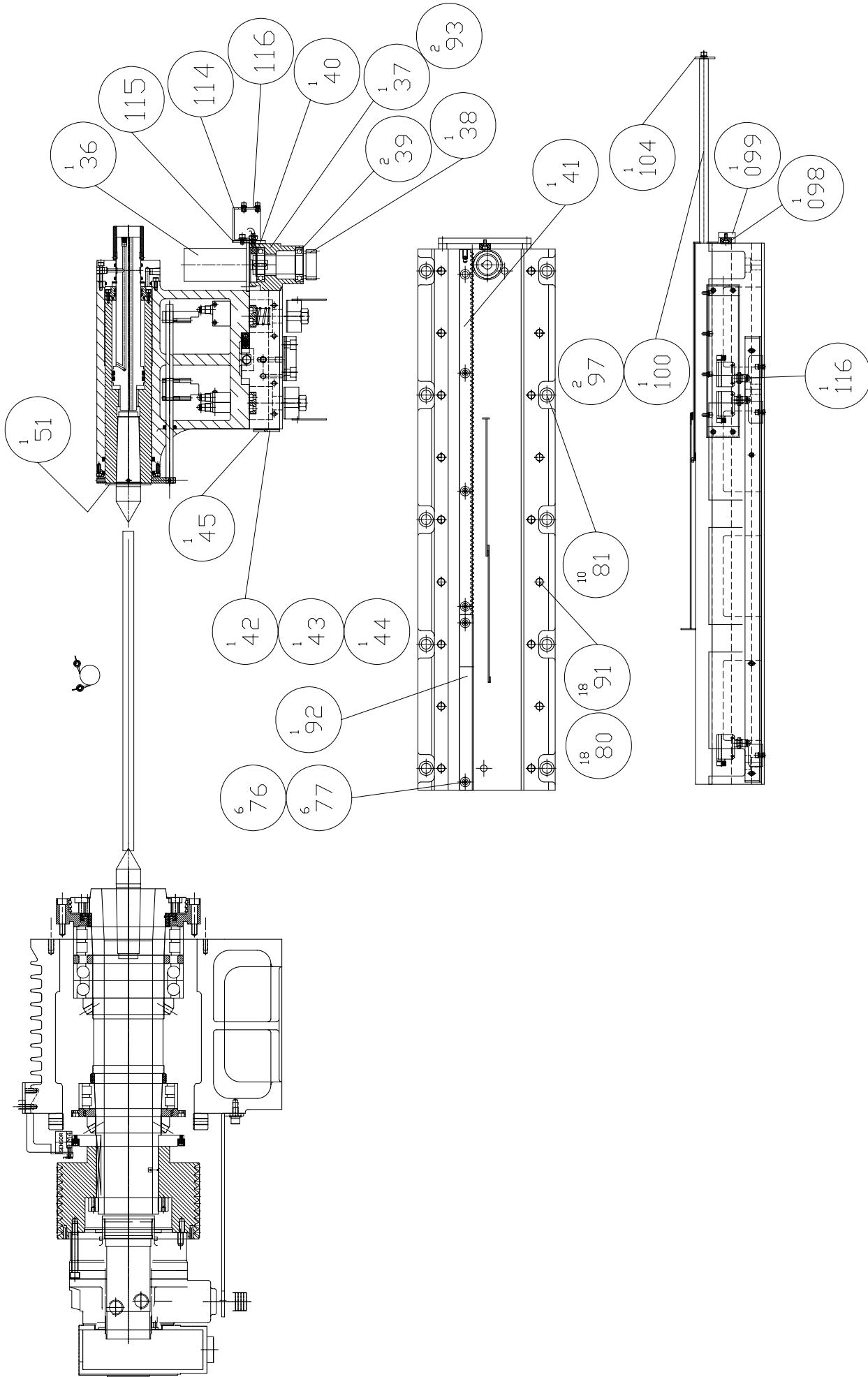
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
3.00	MS 0104032	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10XP1.5XL100	6.00	EA
4.00	MS 0104220	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL30	6.00	EA
5.00	BL 00029170104	ROTARY HYDRAULIC CYLINDER	旋轉油壓缸	[TON FOU] RCS10S(ID68,NUT=M75	1.00	ST
6.00	MS 0104031	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL90	6.00	EA
7.00	BL 000048000E	BRAW TUBE	拉桿	D:75xL:669(A2-6)	1.00	EA
11.00	BL 00011910205	A2-6 COLLET CHUCK(TC-66 ONLY)	A2-6筒夾(TC-66專用,ID60)	[TON FOU] CL60-A6-6	1.00	EA
12.01	BLA001011546D	RING, COOLANT	導水環	D147xW25.5	1.00	EA
13.00	BL 00094310120	O-RING	O型油環	S80	1.00	EA
14.00	MS 0573413	SET SCREW	固定螺絲	(TANSHING)M4xP0.7X6	2.00	EA
15.00	BL 001049904D	COVER,COOLANT	集水槽蓋	D125*H5	1.00	EA
16.00	BL 000805028D	RUBBER,COOLANT COLLECTOR COVER	耐油橡膠墊片(集水槽蓋)	D105xd86xt2	1.00	EA
17.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	9.00	EA
18.01	BLB000299033D	COVER,COOLANT COLLECTORS	集水槽蓋	L190xW171xH2.3	1.00	EA
19.01	BLA000805027D	RUBBER,COOLANT COLLECTORS	耐油橡膠墊片(集水槽)	L190xW171xH2	1.00	EA
20.01	BLB000299031D	COOLANT COLLECTORS(For Sensor)	集水槽(可裝SENSOR)	L300xW200xH100	1.00	ST
21.00	MS 0313617	SOCKET FLAT HEAD SCREW	六角穴平頭螺絲	M6xP1.0xL16	4.00	EA
22.00	BL 001011600D	COVER, COOLANT	導水環蓋	D101xH2.3	1.00	EA

# Chapter 3

尾座

Tailstock

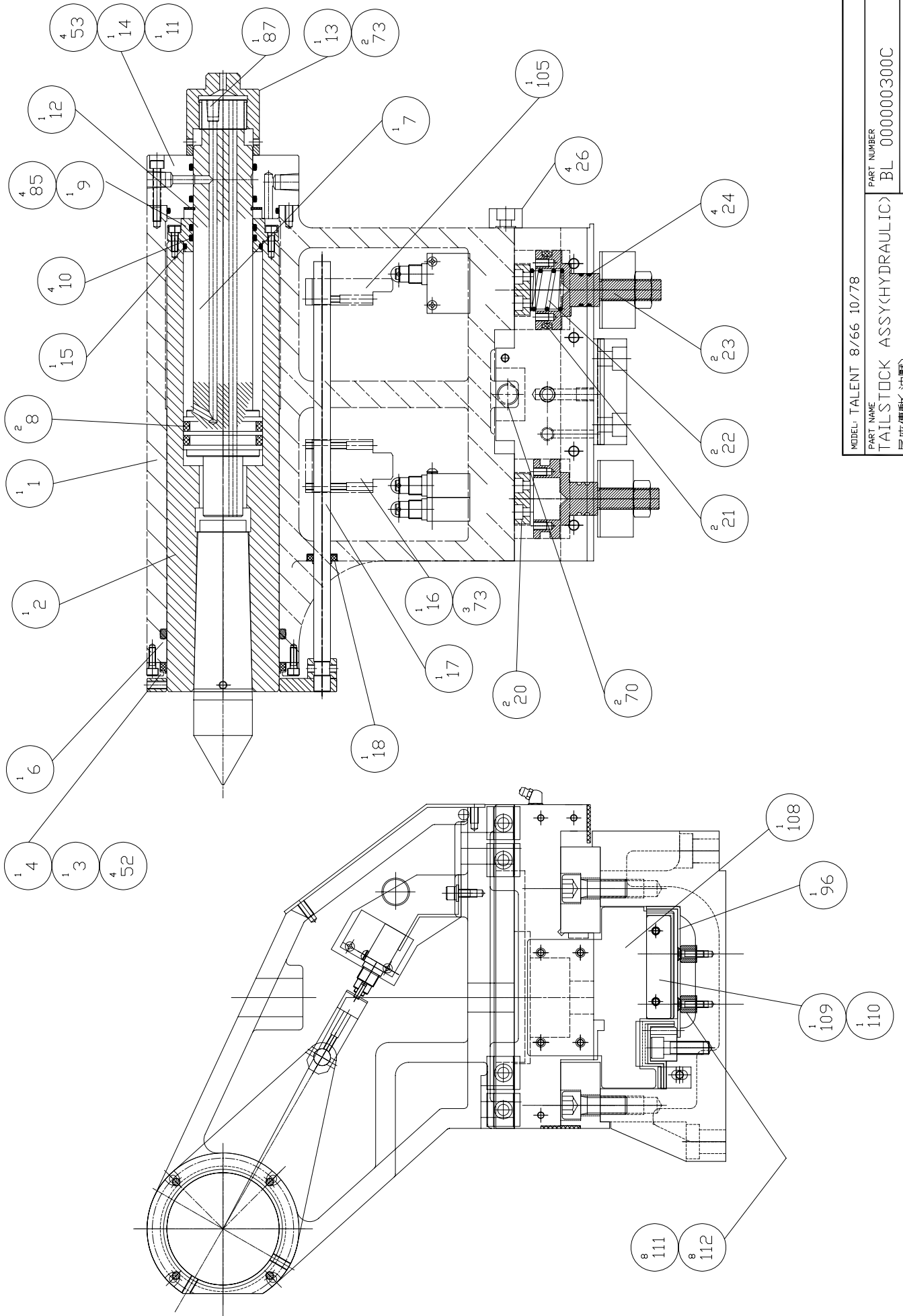
REV	DESCRIPTION	DATE	ECN
A	新機106-#107	2004/7/15	TRL0119
B	新機117-機架改裝	2007/10/17	BS20



MODEL: TALENT 8/66 10/78	SCALE: 1:10
PART NAME TAILSTOCK ASSY(HYDRAULIC) 尾座傳動水油壓	DATE: 2003/6/16
PART NUMBER BL 000000300C	SHEET 1/1
PAGE 1 OF 3	REV. B

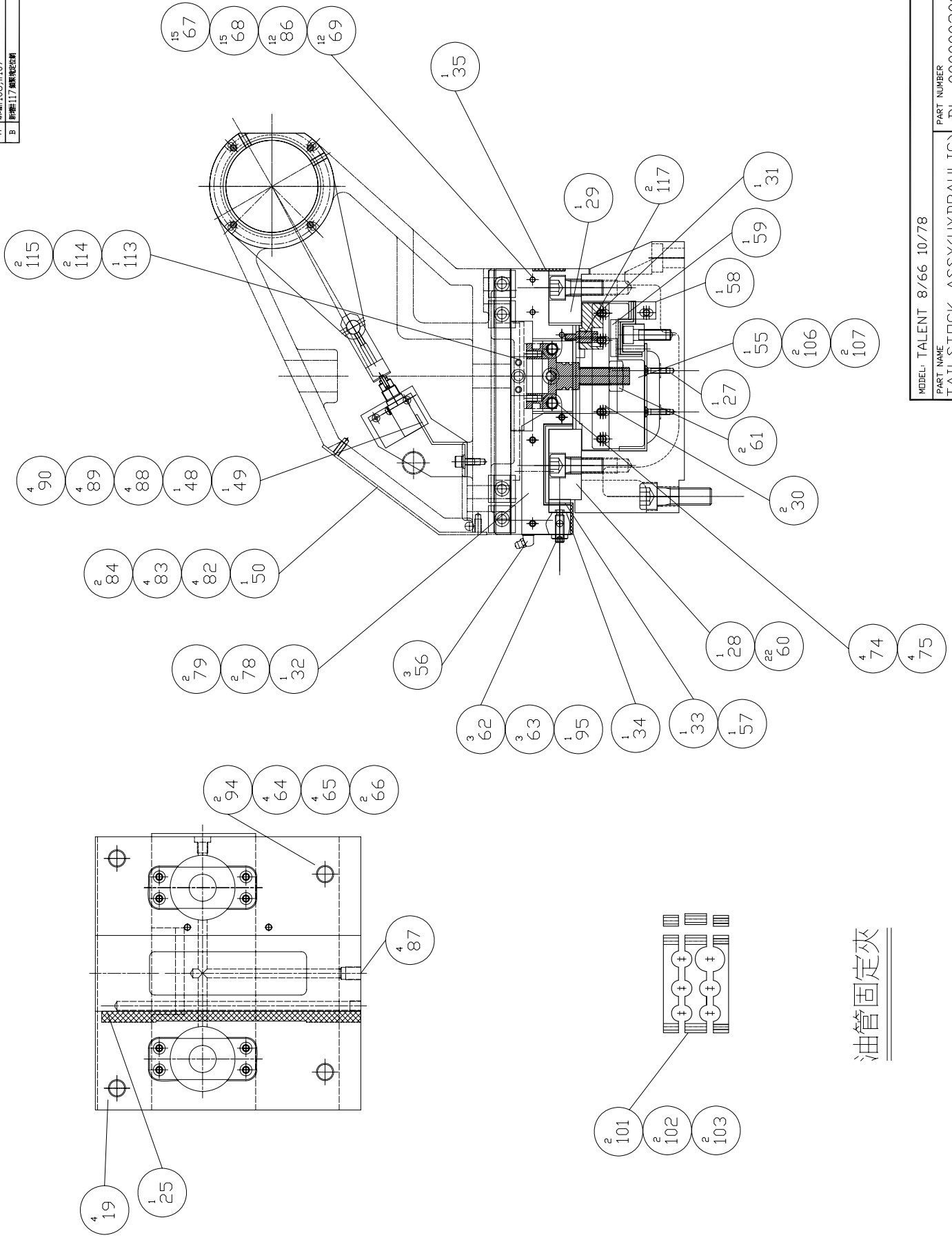


REV.	DESCRIPTION	DATE	ECN.
A	新機106-#107	2007/07/15	TRN.0119
B	新機117-新機改訂	2007/09/27	BS20



MODEL: TALENT 8/66 10/78	PART NUMBER	REV. B
PART NAME	BL 000000300C	PAGE 2 OF 3
TAILSTOCK ASSY<HYDRAULIC>		
尾座傳動水油壓		
DATE 2003/6/16	SCALE 1:10	
SHEETY		
FIG. 1		

REV	DESCRIPTION	DATE	ECN
A	新機種106, #107	2007/7/15	TRN.0119
B	新機種117, 機種改定機	2007/10/17	BS 20



油管固定夾

MODEL: TALENT 8/66 10/78	PART NUMBER
PART NAME	BL 000000300C
TAILSTOCK ASSY<HYDRAULIC>	PAGE 3 OF 3
尾座傳動水油壓	REV. B
DATE 2003/6/16	SCALE 1:10
SHEETY	
FIG. 11	

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000000300C

 Description: TAILSTOCK ASSY(HYDRAULIC)  
 尾座傳動(油壓)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.01	BL 000040100C	TAILSTOCK BODY	尾座本體	L370xW281xH346	1.00	EA
2.00	BL 001187101C	QUILL, TAILSTOCK	尾座心軸	d36xD85xL341	1.00	EA
3.00	BL 001011537C	FRONT COVER, TAILSTOCK	尾座前蓋	D115xd90xL10	1.00	EA
4.00	BL 00101160102	OIL SEALER	防塵油封	[DSI] 85	1.00	EA
5.00	BL 001011538C	PLATE CONNECTING, TAILSTOCK	尾座連接板	d85.1xL218.5xH25	1.00	EA
6.00	BL 00094310103	O-RING	O型油環	[JIS]P85	1.00	EA
7.00	BLA001187102C	ROD, PISTON	活塞桿	d30xD60xL315.5	1.00	EA
8.00	BL 00094310102	O-RING	O型油環	[JIS]P50A	2.00	EA
9.00	BL 001011536C	COVER, QUILL	套筒蓋	D84xd45xL25	1.00	EA
10.00	BL 00094310101	O-RING	O型油環	[JIS]P45	4.00	EA
11.00	BL 001011535C	REAR COVER, TAILSTOCK	尾座後蓋	D115xd45xL48	1.00	EA
12.00	BL 00082310208	RING, C-RETAINING	C型外扣環	S-45	1.00	EA
13.00	BLA000049205C	NUT, TAILSTOCK	螺帽	M36xP3	1.00	EA
14.00	NV 00094310216	O-RING	O型油環	G80	1.00	EA
15.00	NV 00094310214	O-RING	O型油環	G55	1.00	EA
16.00	BLA000199001C	DOG, TAILSTOCK	定位塊	L66xW40xH18	1.00	EA
17.00	BL 001187104C	BAR, TAILSTOCK	連桿	D12.7(1/2")xL326	1.00	EA
18.00	BL 00101160103	OIL SEALER	防塵油封	[DKI] 12.5	1.00	EA
19.00	BL 001108300C	SHIM, TAILSTOCK	墊片	L55xW53xH0.23	4.00	EA
20.00	BL 001011540C	COVER	上蓋	L98xW38xH10	2.00	ST

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 00094310102	O-RING	[JIS]P50A	2.00	EA
22.00	BL 000733501C	COMPRESS SPRING	D30xd3.5xL30	2.00	EA
23.00	BL 001187103C	ROD, PISTON	D95xL60	2.00	EA
24.00	BL 00094310104	O-RING	[JIS]P21	4.00	EA
25.00	BL 001059010C	ADJUSTING BLOCK	L239xW14.5xH10	1.00	EA
26.00	BL 001059007A	GIB	L25xW25xH14.5	4.00	EA
27.00	BL 000026201C	BASE, TAILSTOCK	L986xW250xH101	1.00	EA
28.00	BL 000831602C	BOX WAY	L986xW65xH30	1.00	ST
29.00	BL 000831603C	BOX WAY	L986xW45xH37	1.00	ST
30.03	BL 001059008C	BLOCK, CLAMPING	L135xW58xH27	2.00	EA
31.00	BL 001059009C	RETAINER	L80xW42xH22	1.00	EA
32.01	BL 000026202C	BED, TAILSTOCK	L245xW255xH82	1.00	EA
33.00	BL 001059012C	L252xW20xH11.5	L252xW20xH11.5	1.00	EA
34.00	BL 000199038C	PLATE	L104xW29xH2.3	1.00	EA
35.01	BLA000199065C	COVER	L250xW28.5xT2	1.00	EA
36.00	BL 00022490003	HYDRAULIC MOTOR	MLHM-F50-C4B	1.00	EA
37.00	BL 001066125C	SEAT, HYD MOTOR	L98XW85.25XH101	1.00	EA
38.00	BL 000620000C	GEAR	D55xd15.87xL115.6(M2.5x20T)	1.00	EA
39.00	BL 00002660302	BALL BEARING	6007ZZ	2.00	EA
40.00	NV 00082310202	RING, C-RETAINING	S-35	1.00	EA
41.00	BL 000620001C	RACK	L665xW25.5xH20(M2.5xT)	1.00	EA
42.00	BL 000805000C	WIPER	L245xW47xH5	1.00	EA
43.00	BL 000805001C	WIPER	L112xW47xH5	1.00	EA

## PRODUCT BOM MASTER AND SUB-ITEMS LIST

Item Part NO.	Description	中文名稱	Specification	Qty	Unit
44.00	BL 000805002C	刮刷片	L65xW47xH5	1.00	EA
45.00	BL 000199039C	壓板	L245xW27xH2.3	1.00	EA
48.00	BLA000299005C	微動開關座	L86.4xW36.3xH118.36	1.00	EA
49.00	BLA000299006C	微動開關座	L83xW43xH82.8	1.00	EA
50.01	BLA000199005C	尾座上蓋	L250xW147.7xH80.6	1.00	EA
51.00	BL 000299049C	頂心套蓋	D84xH2	1.00	EA
52.00	MS 0103517	六角穴圓頭螺絲	M5xP0.8xL16	4.00	EA
53.00	MS 0103622	六角穴圓頭螺絲	M6xP1.0xL40	4.00	EA
55.00	BLA000199002C	尾座護蓋	L134xW48xH5	2.00	EA
56.00	NV 00077030101	牛油嘴	PT1/8	1.00	EA
57.00	BL 00094310106	O型油環	[JIS]P6	1.00	EA
58.00	BL 000199066C	尾座護蓋	L1000xW17xH21	1.00	EA
59.00	BLA001011541C	排齒上蓋	L482xW50.5xH30	1.00	ST
60.00	BL 001033100C	防塵蓋	[NSK]Φ23, L45800014-003	22.00	EA
61.00	MN 0114610	六角螺帽	M16xP2	2.00	EA
62.00	BL 000668403C	桿頭端固定螺絲	M8XP1.25XL35	3.00	EA
63.00	MN 0113810	六角螺帽	M8xP1.25	3.00	EA
64.00	MW 0184610	彈簧墊圈	M16	4.00	EA
65.00	MW 0104610	平墊圈	M16	4.00	EA
66.00	MS 0154626	六角頭螺絲	M16xP2.0xL60	2.00	EA
67.00	MW 0183610	彈簧墊圈	M6	15.00	EA
68.00	MS 0103617	六角穴圓頭螺絲	M6xP1.0xL16	15.00	EA
69.00	MS 0103516	六角穴圓頭螺絲	M5xP0.8xL12	12.00	EA

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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
70.00	BL 000668404C	SOC SET, HALF DOG	桿頭端固定螺絲	M16x2x60L	2.00	EA
72.00	MS 0573614	SET SCREW	固定螺絲	M6xP1xL8	4.00	EA
73.00	MS 0573512	SET SCREW	固定螺絲	M5xP0.8XL5	2.00	EA
74.00	MS 0104020	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL30	4.00	EA
75.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	4.00	EA
76.00	MS 0104021	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL35	6.00	EA
77.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	6.00	EA
78.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	2.00	EA
79.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
80.00	MS 0104421	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M14XP2.0XL35	18.00	EA
81.00	MS 0104624	SOCKET HD. CAP SCREW	六角穴圓頭螺絲	M16xP2xL50	10.00	EA
82.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	4.00	EA
83.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	4.00	EA
84.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	2.00	EA
85.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	4.00	EA
86.00	MW 0183510	SPRING WASHER	彈簧墊圈	M5	12.00	EA
87.00	NV 00077031701	PLUG, SOCKET HEX.	塞頭	PT1/8	5.00	EA
88.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	4.00	EA
89.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	4.00	EA
90.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	4.00	EA
91.00	MW 0184410	SPRINGE WASHER	彈簧墊圈	M14	18.00	EA
92.00	BLA001066127C	SEAT, COVER	支撐座	L320xW25.5xH20	1.00	EA
93.00	MS 0104032	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10XP1.5XL100	2.00	EA

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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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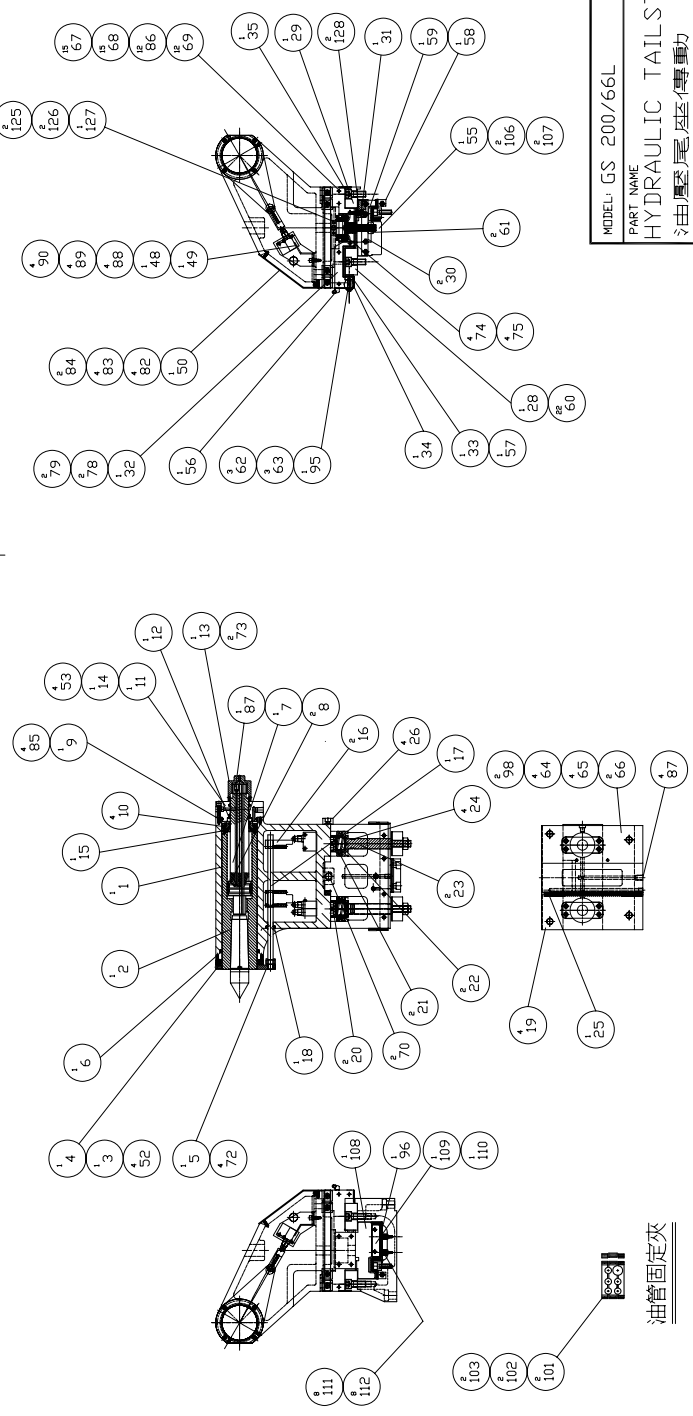
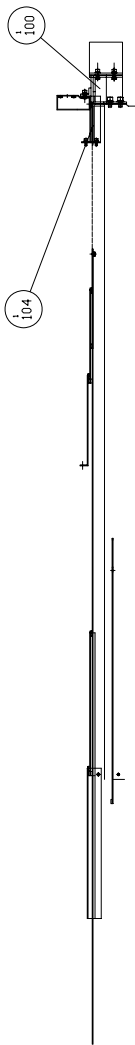
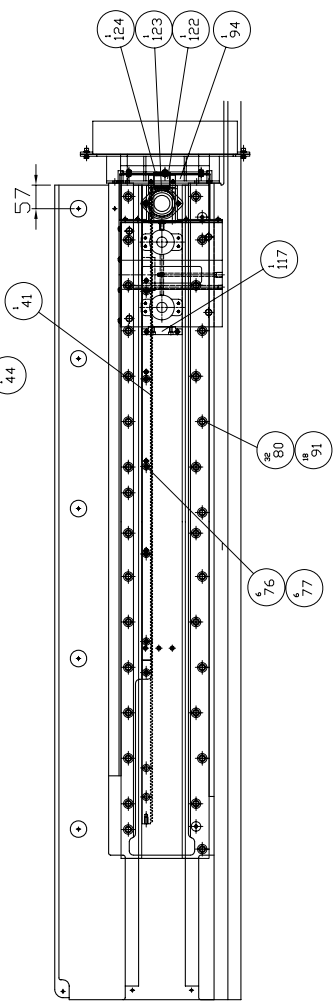
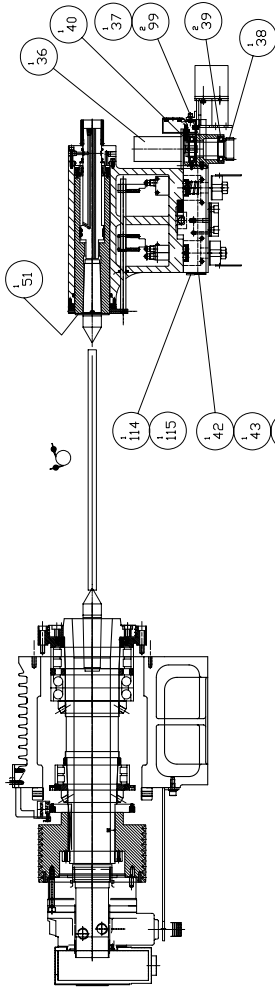
Item Part NO.	Description	中文名稱	Specification	Qty	Unit
94.00 MS 0104629	SOCKET HD. CAP SCREW	六角穴圓頭螺絲	M16xP2.0xL75	4.00	EA
95.00 BL 001064202C	ADJUSTABLE HAND LEVERS	可調式把手(黑色烤漆)	4040-45-M8-30(BLACK)	1.00	EA
96.00 BLA000399082C	COVER	護蓋	L986xW89xH37	1.00	EA
97.00 BL 001066129C	SUPPORT ROD	支撐桿	D16xd8xL347	2.00	EA
98.00 BL 000691607C	BUMPER	止動環	d5.5xD20xL11	1.00	EA
99.00 BLA000399076C	BRACKET	支撐架	L168xW30xH20	1.00	ST
100.00 BL 001011547C	WAYCOVER, REAR TAILSTOCK	尾座後伸縮護蓋	L706xW247.5xH67	1.00	ST
101.00 BL 000399072C	RETAINER, HYDRAULIC PIPE	油管固定夾	L90xW14xH10	2.00	ST
102.00 BL 000399073C	RETAINER, HYDRAULIC PIPE	油管固定夾	L90xW14xH10	2.00	ST
103.00 BL 000399074C	RETAINER, HYDRAULIC PIPE	油管固定夾	L90xW20xH10	2.00	ST
104.00 BL 000399075C	PLATE	連接板	L175.5xW17xH2.3	1.00	ST
105.00 BL 000399098C	DOG, TAILSTOCK	定位塊	L66xW20xH18	1.00	EA
106.00 BL 000805019C	WIPER	刮刷片	L130.5xW45.5xH3	2.00	EA
107.00 BL 000499036C	PLATE	壓板	L125.5xW43xT2.3	2.00	EA
108.00 BL 000499069C	COVER	護蓋	L137xW111xH5	1.00	EA
109.00 BL 000805022C	WIPER	刮刷片	L85xW23.5xH2	1.00	EA
110.00 BL 000499070C	RETAINER	壓板	L78xW18.5xH2.3	1.00	EA
111.00 BL 001066143C	SPACER	間隔圈	D12.7xd7xL12.5	8.00	EA
112.00 MS 0313518	FLAT HD. SOCKET	六角穴平頭螺絲	M5XP0.8XL20	8.00	EA
113.00 BL 001011581C	PLATE,SPLASH GUARD	擋水板	L36xW29xH5	1.00	ST
114.00 MS 0303516	BUTTON HD. SOCKET	六角穴半圓頭螺絲	M5xP0.8xL12	2.00	EA
115.00 MW 0183510	SPRING WASHER	彈簧墊圈	M5	2.00	EA
116.00 BL 000000302C	PROGRAMMABLE TAILSTOCK	手動可程式尾座底座	ASSM	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
117.00	BL 000199006F	PIN, CLAMPING BLOCK	鎖緊塊定位銷	D10xd6xL30	2.00	ST



REV	DESCRIPTION	DATE	ECN
A	標準図	2006/11/20	274
B	新機128機架位置	2007/07/17	820



油壓尾座

MODEL: GS 200/66L	GS 250L
PART NAME	PART NUMBER
HYDRAULIC TAILSTOCK ASSY	BL 000000300F
油壓尾座傳動	PAGE 1 OF 1
DATE 2006/11/20	SCALE 1:19
	REV. B

油管固定夾

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000000300F

Description: HYDRAULIC TAILSTOCK ASSY  
油壓尾座傳動

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.01	BL 000040100C	TAILSTOCK BODY	尾座本體	L370xW281xH346	1.00	EA
2.00	BL 001187101C	QUILL, TAILSTOCK	尾座心軸	d36xD85xL341	1.00	EA
3.00	BL 001011537C	FRONT COVER, TAILSTOCK	尾座前蓋	D115xd90xL10	1.00	EA
4.00	BL 00101160102	OIL SEALER	防塵油封	[DSI] 85	1.00	EA
5.00	BL 001011538C	PLATE CONNECTING, TAILSTOCK	尾座連接板	d85.1xL218.5xH25	1.00	EA
6.00	BL 00094310103	O-RING	O型油環	[JIS]P85	1.00	EA
7.00	BLA001187102C	ROD, PISTON	活塞桿	d30xD60xL315.5	1.00	EA
8.00	BL 00094310102	O-RING	O型油環	[JIS]P50A	2.00	EA
9.00	BL 001011536C	COVER, QUILL	套筒蓋	D84xd45xL25	1.00	EA
10.00	BL 00094310101	O-RING	O型油環	[JIS]P45	4.00	EA
11.00	BL 001011535C	REAR COVER, TAILSTOCK	尾座後蓋	D115xd45xL48	1.00	EA
12.00	BL 00082310208	RING, C-RETAINING	C型外扣環	S-45	1.00	EA
13.00	BLA000049205C	NUT, TAILSTOCK	螺帽	M36xP3	1.00	EA
14.00	NV 00094310216	O-RING	O型油環	G80	1.00	EA
15.00	NV 00094310214	O-RING	O型油環	G55	1.00	EA
16.00	BLA000199001C	DOG, TAILSTOCK	定位塊	L66xW40xH18	1.00	EA
17.00	BL 001187104C	BAR, TAILSTOCK	連桿	D12.7(1/2")xL326	1.00	EA
18.00	BL 00101160103	OIL SEALER	防塵油封	[DKI] 12.5	1.00	EA
19.00	BL 001108300C	SHIM, TAILSTOCK	墊片	L55xW53xH0.23	4.00	EA
20.00	BL 001011540C	COVER	上蓋	L98xW38xH10	2.00	EA

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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 00094310102	O-RING	O型油環	2.00	EA
22.00	BL 000733501C	COMPRESS SPRING	壓縮彈簧	2.00	EA
23.00	BL 001187103F	ROD, PISTON	活塞桿	2.00	EA
24.00	BL 00094310104	O-RING	O型油環	4.00	EA
25.00	BL 001059010C	ADJUSTING BLOCK	調整塊	1.00	EA
26.00	BL 001059007A	GIB	楔塊	4.00	EA
28.01	BL 000831606F	L815xW50xH30	滑軌(上滑道)	1.00	EA
29.00	BL 000831607F	BOX WAY	滑軌(下滑道)	1.00	EA
30.03	BL 001059008C	BLOCK, CLAMPING	鎖緊塊	2.00	EA
31.00	BL 001059009C	RETAINER	尾座壓板	1.00	EA
32.02	BL 000026203F	BED, TAILSTOCK	尾底座	1.00	EA
33.00	BL 001059012C	L252xW20xH11.5	調整條	1.00	EA
34.00	BL 000199038C	PLATE	壓板	1.00	EA
35.01	BL 000199065F	COVER	蓋	1.00	EA
36.00	BL 00022490003	HYDRAULIC MOTOR	油壓馬達	1.00	EA
37.00	BL 001066125C	SEAT, HYD MOTOR	油壓馬達固定座	1.00	EA
38.00	BL 000620000C	GEAR	齒輪	1.00	EA
39.00	BL 00002660302	BALL BEARING	深溝滾珠軸承	2.00	EA
40.00	NV 00082310202	RING, C-RETAINING	C型外扣	1.00	EA
41.00	BL 000620001F	RACK	排齒	1.00	EA
42.00	BL 000805000C	WIPER	刮刷片	1.00	EA
43.00	BL 000805001C	WIPER	刮刷片	1.00	EA
44.00	BL 000805002C	WIPER	刮刷片	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
48.00	BLA000299005C	BRACKET, SWITCH	L86.4xW36.3xH118.36	1.00	EA
49.00	BLA000299006C	BRACKET, SWITCH	L83xW43xH82.8	1.00	EA
50.00	BL 000199005C	L250xW147.7xH80.6	L250xW147.7xH80.6	1.00	EA
51.00	BL 000299049C	COVER, TAILSTOCK	D84xH2	1.00	EA
52.00	MS 0103517	SOCKET HEAD CAP SCREW	M5xP0.8xL16	4.00	EA
53.00	MS 0103622	SOCKET HEAD CAP SCREW	M6xP1.0xL40	4.00	EA
55.00	BLA000199002C	COVER, TAILSTOCK	L134xW48xH5	1.00	ST
56.00	NV 00077030101	NIPPLE, GREASE FEED	PT1/8	1.00	EA
57.00	BL 00094310106	O-RING	[JIS]P6	1.00	EA
58.00	BL 000199066C	COVER, TAILSTOCK	L1000xW17xH21	1.00	EA
59.00	BLA001011541C	COVER, GEAR RACK	L482xW50.5xH30	1.00	EA
60.00	BL 001033100C	PLUG, GUIDE	[NSK]Φ23, L45800014-003	22.00	EA
61.00	MN 0114610	HEXAGON NUT	M16xP2	2.00	EA
62.00	BL 000668403C	SOC SET, HALF DOG	M8XP1.25XL35	3.00	EA
63.00	MN 0113810	HEXAGON NUT	M8xP1.25	3.00	EA
64.00	MW 0184610	SPRING WASHER	M16	4.00	EA
65.00	MW 0104610	FLAT WASHER	M16	4.00	EA
66.00	MS 0104626	SOCKET HD. CAP SCREW	M16XP2.0XL60	2.00	EA
67.00	MW 0183610	SPRING WASHER	M6	15.00	EA
68.00	MS 0103617	SOCKET HEAD CAP SCREW	M6xP1.0xL16	15.00	EA
69.00	MS 0103516	SOCKET HEAD CAP SCREW	M5xP0.8xL12	12.00	EA
70.00	BL 000668404C	SOC SET, HALF DOG	M16x2x60L	2.00	EA
71.00	MS 0104021	SOCKET HEAD CAP SCREW	M10xP1.5xL35	6.00	EA

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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
72.00	MS 0573614	SET SCREW	固定螺絲	M6xP1xL8	4.00	EA
73.00	MS 0573512	SET SCREW	固定螺絲	M5xP0.8xL5	2.00	EA
74.00	MS 0104020	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL30	4.00	EA
75.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	4.00	EA
76.00	MS 0104021	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL35	6.00	EA
77.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	6.00	EA
78.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	2.00	EA
79.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
80.00	MS 0104421	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M14xP2.0xL35	32.00	EA
81.01	BL 000299090F	PLATE	護蓋	L166xW19xH2.3	1.00	EA
82.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	4.00	EA
83.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	4.00	EA
84.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	4.00	EA
85.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	4.00	EA
86.00	MW 0183510	SPRING WASHER	彈簧墊圈	M5	12.00	EA
87.00	NV 00077031701	PLUG, SOCKET HEX.	塞頭	PT1/8	5.00	EA
88.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	4.00	EA
89.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	4.00	EA
90.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	4.00	EA
91.00	MW 0184410	SPRINGE WASHER	彈簧墊圈	M14	18.00	EA
94.00	BL 000399076F	BRACKET	支撐架	168x30x20	1.00	ST
95.00	BL 001064202C	ADJUSTABLE HAND LEVERS	可調式把手(黑色烤漆)	4040-45-M8-30(BLACK)	1.00	EA
96.00	BLA000399082C	COVER	護蓋	L986xW89xH37	1.00	ST

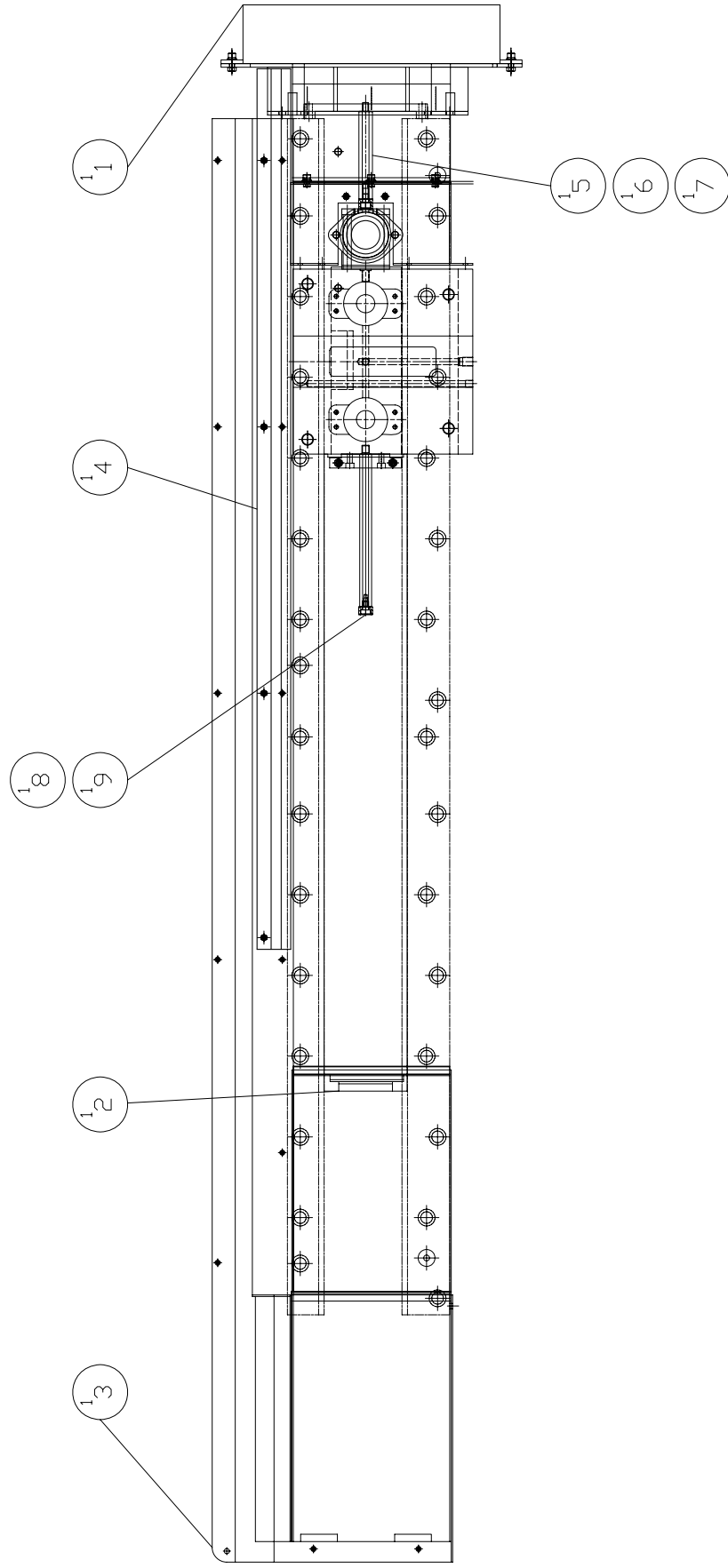
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
98.00 MS 0104629	SOCKET HD. CAP SCREW	六角穴圓頭螺絲	M16xP2.0xL75	2.00	ST
99.00 MS 0104032	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL100	2.00	EA
100.01 BL 000599012F	SEAT COVER, REEL TYPE	捲筒護罩座	L410xW80xH70	1.00	EA
101.00 BL 000399072C	RETAINER, HYDRAULIC PIPE	油管固定夾	L90xW14xH10	1.00	EA
102.00 BL 000399073C	RETAINER, HYDRAULIC PIPE	油管固定夾	L90xW14xH10	1.00	EA
103.00 BL 000399047C	PLATE	固定板	L35xW15xH2.3	1.00	EA
104.01 BL 000599013F	LINKAGE PLATE, COVER, REEL TYPE	捲筒護罩連接板	L248xW113xH45	1.00	EA
106.00 BL 000805019C	WIPER	刮刷片	L130.5xW45.5xH3	2.00	EA
107.00 BL 000499036C	PLATE	壓板	L125.5xW43xT2.3	2.00	EA
108.00 BL 000499069C	COVER	護蓋	L137xW111xH5	1.00	EA
109.00 BL 000805023F	WIPER	刮刷片	L112xW45xH2	1.00	EA
110.00 BL 000805024F	WIPER	刮刷片	L65xW47xH2	1.00	EA
111.00 BL 001066143C	SPACER	間隔圈	D12.7xd7xL12.5	8.00	EA
112.00 MS 0313518	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL20	8.00	EA
114.00 BL 000199040C	RETAINER, WIPER	壓板	L112xW45xH2.3	1.00	EA
115.00 BL 000199041C	RETAINER, WIPER	壓板	L65xW47xH2.3	1.00	EA
117.01 BL 001011574F	Attached block	連接塊	L98xW19xH14	1.00	EA
122.00 BL 001011576F	COVER	護蓋	L65xW62xH18	1.00	EA
123.00 BL 001011578F	LINKAGE PLATE	連接板	L44xW41xT1.6	1.00	EA
124.00 BL 001011579F	LINKAGE PLATE	連接板	L37xW29.5xT5	1.00	EA
125.00 MW 0183510	SPRING WASHER	彈簧墊圈	M5	2.00	EA
126.00 MS 0303516	BUTTON HD. SOCKET	六角穴半圓頭螺絲	M5xP0.8xL12	2.00	EA
127.00 BL 001011581C	PLATE, SPLASH GUARD	擋水板	L36xW29xH5	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
128.00	BL 000199006F	PIN, CLAMPING BLOCK	鎖緊塊定位銷	D10xd6xL30	2.00	EA

REV	DESCRIPTION	DATE	ECN
A	標準図	2006/11/20	274
B	2,3 仕様BL > BL	2006/11/20	968



MODEL: TALENT 8/66L 10/78L	PART NUMBER	REV. B
PART NAME	BL 000599071F	PAGE 1 OF 1
METAL SHEET, TAILSTOCK(W/O STEADY REST)	尾座板蓋< 無中心架 >	SCALE 1:10
DATE 2006/11/20		



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000599071F

Description: METAL SHEET, TAILSTOCK(W/O STE)  
尾座板金(無中心架)

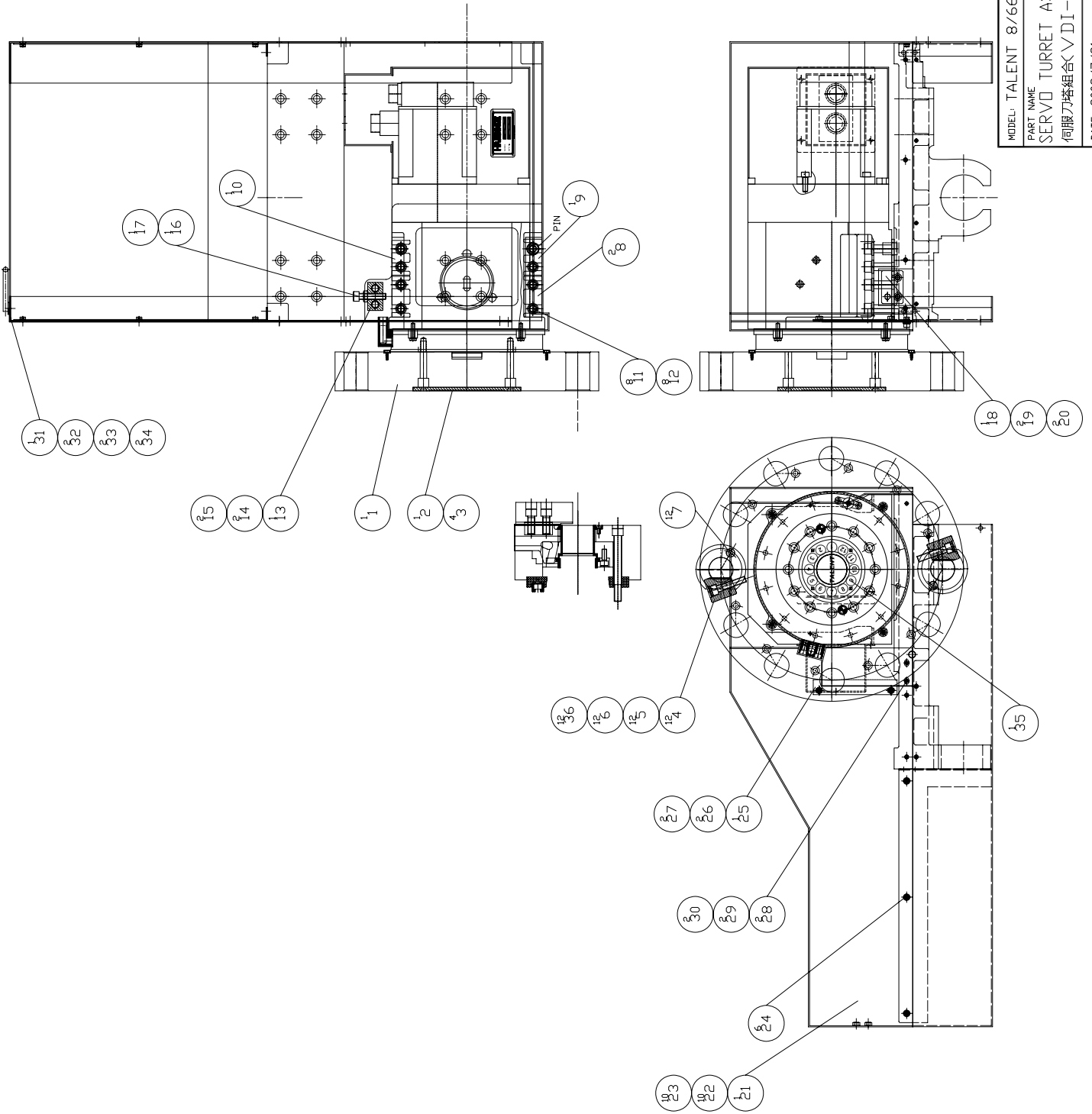
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 000599011F	COVER, REEL TYPE(W/O STEAD RE	捲筒式護罩(無中心架)	L1225xW410xH80	1.00	EA
2.00	BLA000599018F	SLIDE(COVER, REEL TYPE)(tailsto	滑道伸縮護蓋(尾座使用)	L950xW112.5xH2	1.00	EA
3.00	BLA000599020F	SLIDE, FRONT(STAILSTOCK, W/O REE	滑道前端伸縮護蓋	L1967xW327.5xT2	1.00	EA
4.00	BL 000599069F	CHIP GUARD	擋屑板	L1225xW45.8xT2.3	1.00	EA

# Chapter 4

刀塔

Turret

REV	DESCRIPTION	DATE	ECN
A	標準放	2003/7/21	BL-0166



MODEL: TALENT 8/66 10/78

PART NAME

SERVO TURRET ASSEMBLY(VDI-12T)

伺服力塔組合 VDI-12T

PART NUMBER  
BL 00000801C

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REV. A

SCALE 1:10

DATE 2003/7/21

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000000801C

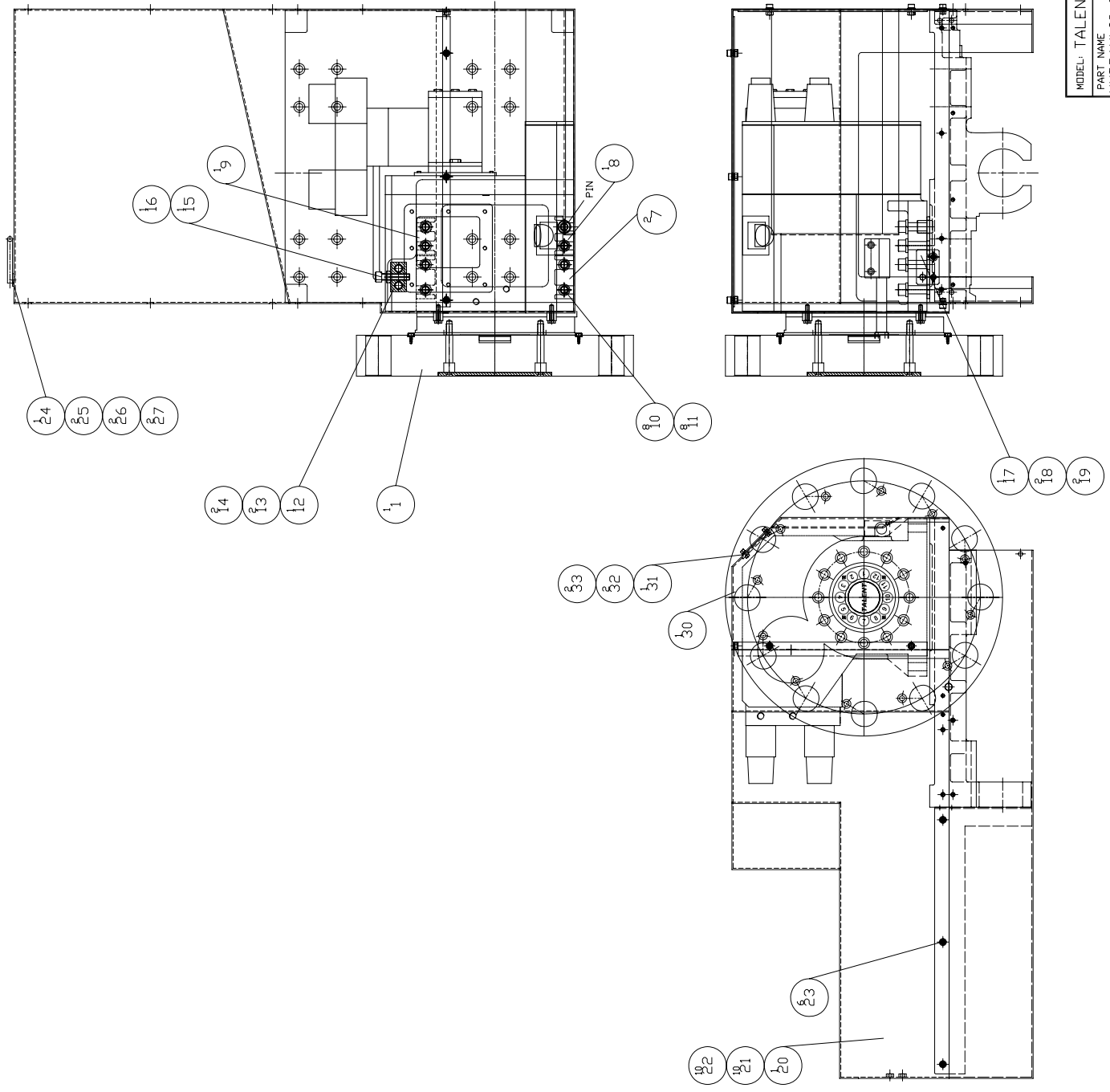
Description: SERVO TURRET ASSEMBLY(VDI-12T)  
伺服刀塔組合(VDI-12T)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00099650118	SERVO TURRET WITH VDI, LIO-SHI	六鑫伺服VDI40刀塔(12T)	LS-200V-VDI40-12Tx370	1.00	ST
3.00	MS 0303515	BUTTON HD. SOCKET	六角穴半圓頭螺絲	M5xP0.8xL10	4.00	EA
8.00	BL 001108326C	SHIM, TURRET	刀塔用墊片	L85xW40xH4.3	2.00	EA
9.00	BL 001108327C	SHIM, TURRET	刀塔用墊片	L77xW40xH4.3	1.00	EA
10.00	BL 001108328C	SHIM, TURRET	刀塔用墊片	L77xW40xH4.3	1.00	EA
11.00	MS 0104224	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL50	7.00	EA
12.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	8.00	EA
14.00	MS 0104224	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL50	2.00	EA
15.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	2.00	EA
16.00	MS 0104023	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL45	1.00	EA
17.00	MN 0114010	HEXAGON NUT	六角螺帽	M10xP1.5	1.00	EA
18.00	BL 000022101A	BRACKET	固定塊	L50xW36xH12	1.00	EA
19.00	MS 0103819	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL25	2.00	EA
20.00	MW 0183810	SPRING WASHER	彈簧墊圈	M8	2.00	EA
21.00	BL 000199068C	COVER, TURRET (LIO-SHING)	六鑫伺服選刀座蓋	L90.5xW482.5xH305	1.00	EA
22.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	10.00	EA
23.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	10.00	EA
24.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	6.00	EA
25.00	BL 000399054C	cover, servo turret	防濺板	L166xW78xH4	1.00	EA
26.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
27.00 MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
28.00 MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	2.00	EA
29.00 MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
30.00 MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	2.00	EA
31.00 BL 000399016A	FIXED PLATE, HYDRAULIC PIPE	油管固定座	L75xW70xHΦ8	1.00	ST
32.00 MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
33.00 MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
34.00 MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	2.00	EA
36.00 BL 000417301C	FLAT WASHER	M10平墊圈	M10(d12xD17.2xT2.5)	12.00	EA
4 37.00 MS 0104228	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL70	1.00	EA

REV	DESCRIPTION	DATE	ECN
A	新仕様	2005/11/3	TEL020



MODEL: TALENT 8/66 10/78 8/66-SV 10/78-SV
PART NAME HYDRAULIC TURRET ASSEMBLY(VDI-12T) 油壓刀塔組合<VDI-12T>
PART NUMBER BL 000000811C
PAGE 1 OF 1
REV. A
DATE 2005/11/3
SCALE 1:10

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000000811C

Description: HYDRAULIC TURRET ASSEMBLY(VDI)  
油壓刀塔組合(VDI)

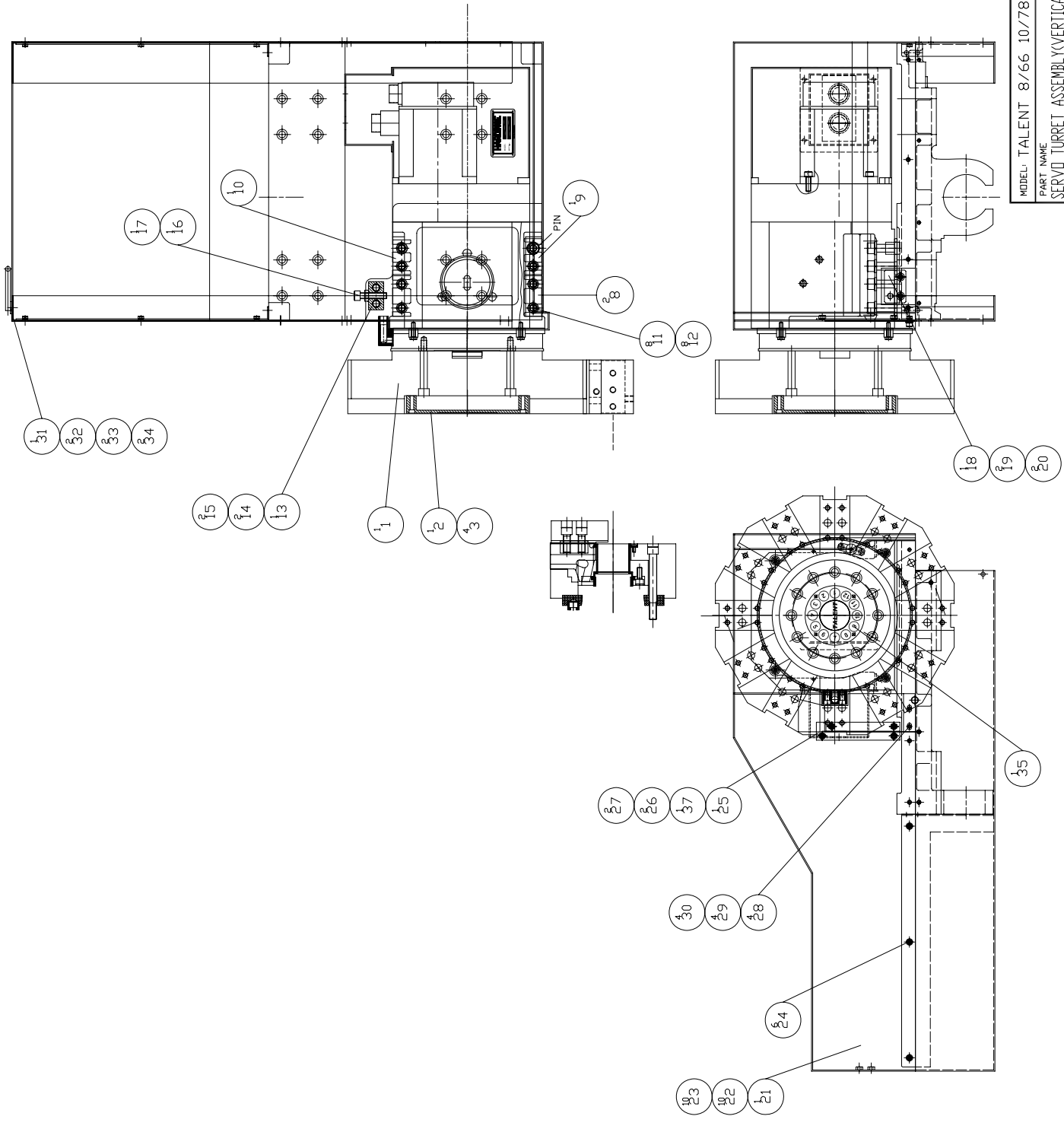
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00099650145	HYDRAULIC TURRET WITH VDI, LIO	六鑫油壓VDI刀塔(12T)	LS-200Ax12TxD40	1.00	ST
7.00	BL 001108326C	SHIM, TURRET	刀塔用墊片	L85xW40xH4.3	2.00	EA
8.00	BL 001108327C	SHIM, TURRET	刀塔用墊片	L77xW40xH4.3	1.00	EA
9.00	BL 001108328C	SHIM, TURRET	刀塔用墊片	L77xW40xH4.3	1.00	EA
10.00	MS 0104224	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL50	8.00	EA
11.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	7.00	EA
13.00	MS 0104224	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL50	2.00	EA
14.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	2.00	EA
15.00	MS 0104023	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL45	1.00	EA
16.00	MN 0114010	HEXAGON NUT	六角螺帽	M10xP1.5	1.00	EA
17.00	BL 000022101A	BRACKET	固定塊	L50xW36xH12	1.00	EA
18.00	MS 0103819	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL25	2.00	EA
19.00	MW 0183810	SPRING WASHER	彈簧墊圈	M8	2.00	EA
20.00	BL 000299027C	COVER, HYDRAULIC TURRET	六鑫油壓選刀座蓋	L890.5xW482.5xH335	1.00	EA
21.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	10.00	EA
22.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	10.00	EA
23.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	6.00	EA
24.00	BL 000399016A	FIXED PLATE, HYDRAULIC PIPE	油管固定座	L75xW70xHΦ8	1.00	ST
25.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
26.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
27.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	2.00	EA
29.00	MS 0104228	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL70	1.00	EA
30.00	BL 000299028C	FRONT COVER, HYDRAULIC TURRET	LIO-SHING油壓選刀座前蓋	L890.5xW482.5xH335	1.00	EA
31.00	BL 001044903A	WINDOW, HYDRULIC TURRET	壓克力板	L61xW58xH2	1.00	EA
32.00	MS 0103416	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M4xP0.7xL12	2.00	EA
33.00	MW 0183410	SPRING WASHER	彈簧墊圈	M4	2.00	EA



REV	DESCRIPTION	DATE	ECN
A	標準放	2003/4/29	BL-0166



MODEL: TALENT 8/66 10/78	PART NUMBER	REV. A
PART NAME	BL 00000802C	PAGE 1 OF 1
SERVO TURRET ASSEMBLY (VERTICAL TURRET-12T)		SCALE 1:10
伺服力塔組合く 立式力塔-12T		DATE 2003/7/24

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000000802C

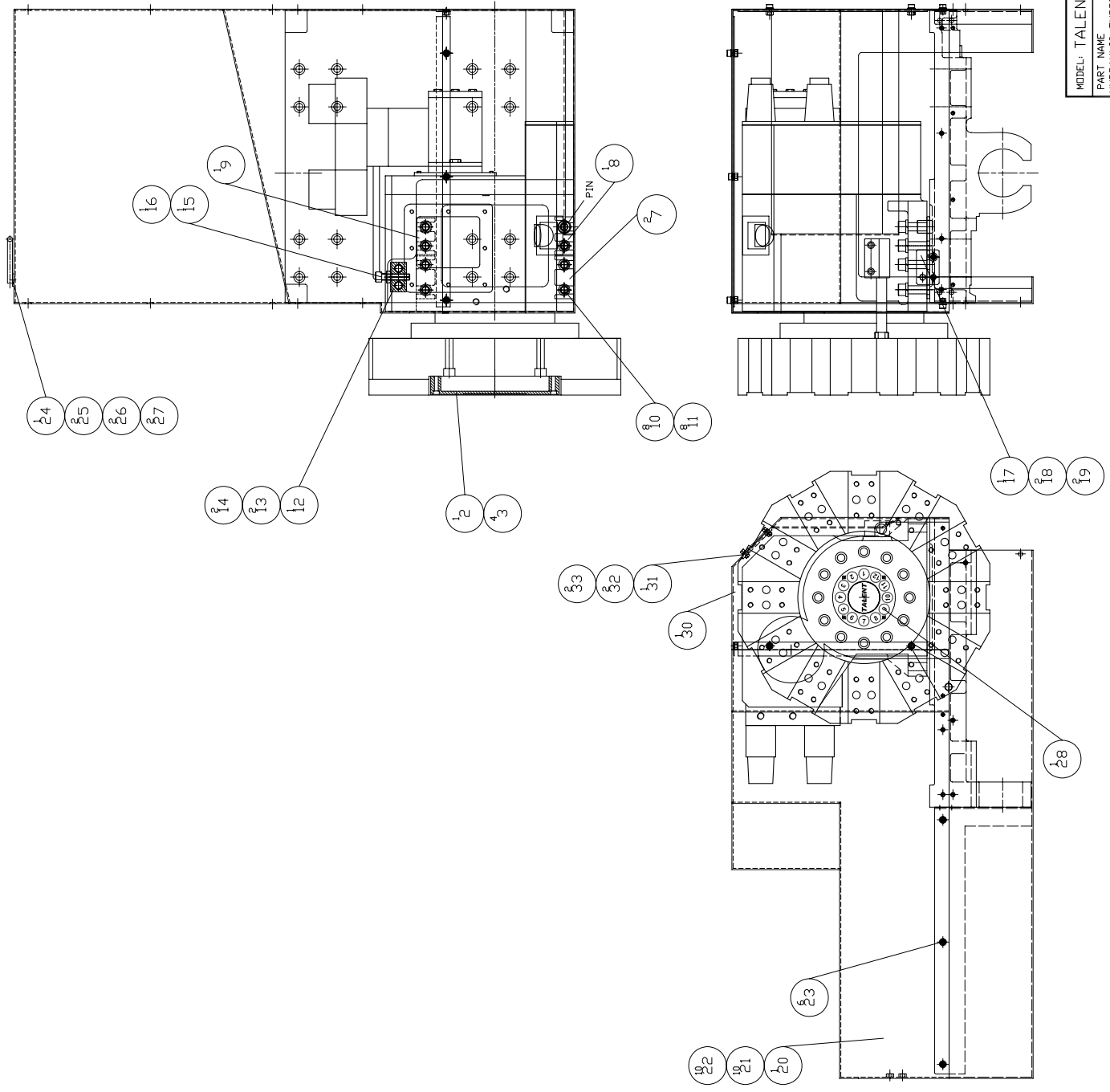
Description: SERVO TURRET ASSEMBLY(VERTICAL)  
伺服刀塔組合(立式刀塔-12T)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00099650119	SERVO TURRET WITH VERTICAL DIS	六鑫伺服立式刀塔(12T)	LS-200 vertical-12Tx25x25x400	1.00	ST
2.00	BL 001011504C	COVER, VERTICAL TOP PLATE	立式刀盤蓋	D154xL47	1.00	EA
3.00	MS 0103521	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL35	4.00	EA
8.00	BL 001108326C	SHIM, TURRET	刀塔用墊片	L85xW40xH4.3	2.00	EA
9.00	BL 001108327C	SHIM, TURRET	刀塔用墊片	L77xW40xH4.3	1.00	EA
10.00	BL 001108328C	SHIM, TURRET	刀塔用墊片	L77xW40xH4.3	1.00	EA
11.00	MS 0104224	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL50	7.00	EA
12.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	8.00	EA
14.00	MS 0104224	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL50	2.00	EA
15.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	2.00	EA
16.00	MS 0104023	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL45	1.00	EA
17.00	MN 0114010	HEXAGON NUT	六角螺帽	M10xP1.5	1.00	EA
18.00	BL 000022101A	BRACKET	固定塊	L50xW36xH12	1.00	EA
19.00	MS 0103819	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL25	2.00	EA
20.00	MW 0183810	SPRING WASHER	彈簧墊圈	M8	2.00	EA
21.00	BL 000199068C	COVER, TURRET (LIO-SHING)	六鑫伺服選刀座蓋	L900.5xW482.5xH305	1.00	EA
22.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	10.00	EA
23.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	10.00	EA
24.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	6.00	EA
25.00	BL 000599007C	cover, servo turret	防濺板	L140xW30xH4	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
26.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
27.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
28.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	4.00	EA
29.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	4.00	EA
30.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	4.00	EA
31.00	BL 000399016A	FIXED PLATE, HYDRAULIC PIPE	油管固定座	L75xW70xHΦ8	1.00	ST
32.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
33.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
34.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	2.00	EA
35.00	BL 001030215A	TAG, TOP PLATE	刀盤銘牌(12T)	D100xd51xT1	1.00	EA
36.00	MS 0104228	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL70	1.00	EA
37.00	BL 000599008C	cover, servo turret	防濺板	L196xW76xH2	1.00	EA

REV	DESCRIPTION	DATE	ECN
A	標準仕様	2003/4/29	TBL-0166
B	標準仕様変更 標準仕様変更	2002/07/7	TBL-0191



MODEL: TALENT 8/66 10/78
PART NAME HYDRAULIC TURRET ASSEMBLY (VERTICAL TURRET-12T) 油圧力塔組合く 立式力塔-12T
PART NUMBER BL 00000803C
PAGE 1 OF 1
REV. B
DATE 2003/7/24
SCALE 1:10

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000000803C

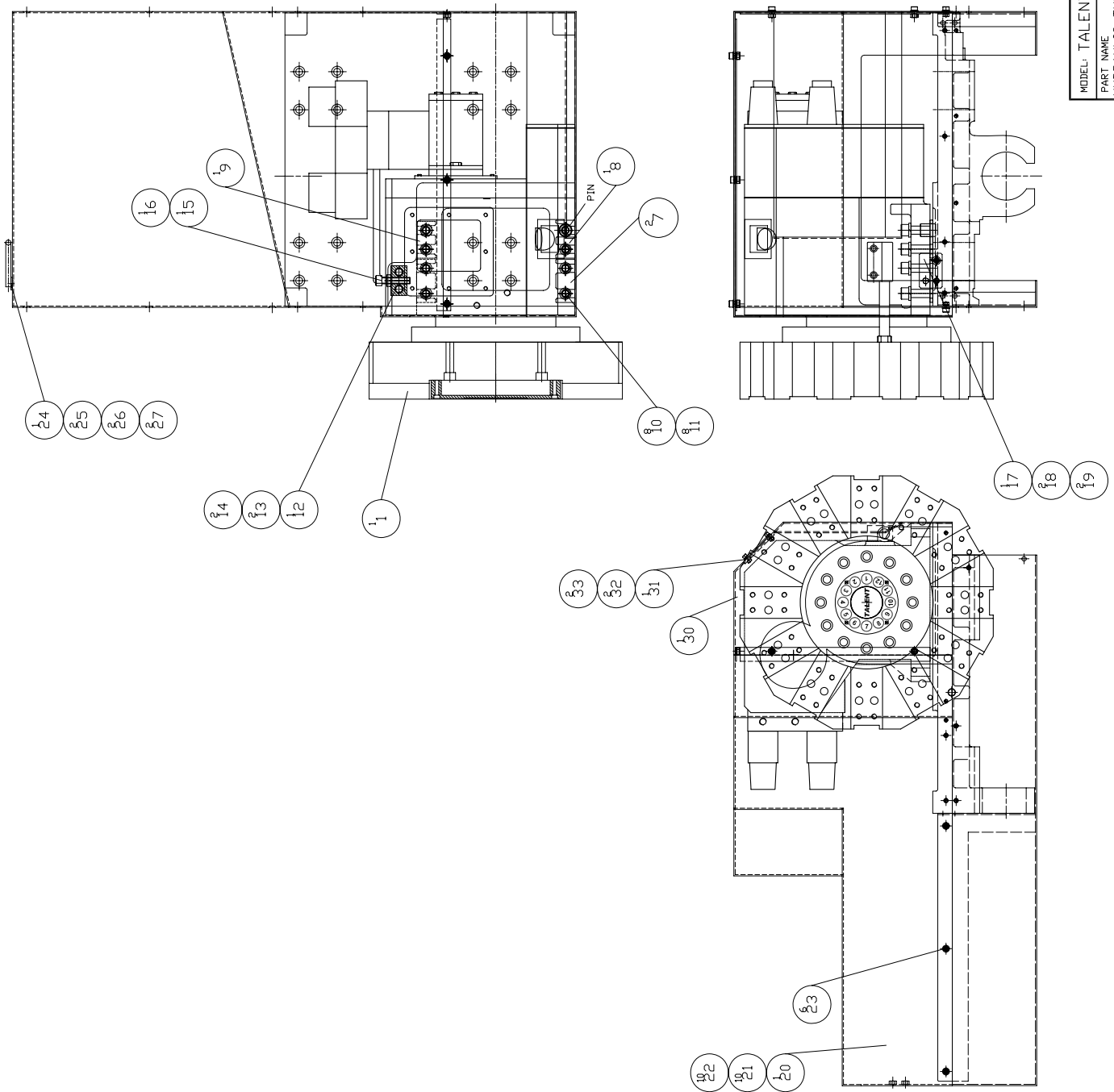
Description: HYDRAULIC TURRET ASSEMBLY(VER  
油壓刀塔組合(立式刀塔-12T)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00099650126	HYDRAULIC TURRET WITH VERTICAL	六鑫油壓立式刀塔(12T)	LS-200 hydraulic vertical-12Tx	1.00	ST
2.00	BL 001011504C	COVER, VERTICAL TOP PLATE	立式刀盤蓋	D154xL47	1.00	EA
3.00	MS 0103521	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL35	4.00	EA
7.00	BL 001108326C	SHIM, TURRET	刀塔用墊片	L85xW40xH4.3	2.00	EA
8.00	BL 001108327C	SHIM, TURRET	刀塔用墊片	L77xW40xH4.3	1.00	EA
9.00	BL 001108328C	SHIM, TURRET	刀塔用墊片	L77xW40xH4.3	1.00	EA
10.00	MS 0104224	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL50	8.00	EA
11.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	7.00	EA
13.00	MS 0104224	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL50	2.00	EA
14.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	2.00	EA
15.00	MS 0104023	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL45	1.00	EA
16.00	MN 0114010	HEXAGON NUT	六角螺帽	M10xP1.5	1.00	EA
17.00	BL 000022101A	BRACKET	固定塊	L50xW36xH12	1.00	EA
18.00	MS 0103819	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL25	2.00	EA
19.00	MW 0183810	SPRING WASHER	彈簧墊圈	M8	2.00	EA
20.00	BL 000299027C	COVER, HYDRAULIC TURRET	六鑫油壓選刀座蓋	L890.5xW482.5xH335	1.00	EA
21.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	10.00	EA
22.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	10.00	EA
23.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	6.00	EA
24.00	BL 000399016A	FIXED PLATE, HYDRAULIC PIPE	油管固定座	L75xW70xHΦ8	1.00	ST

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
25.00 MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
26.00 MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
27.00 MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	2.00	EA
28.00 BL 001030215A	TAG, TOP PLATE	刀盤銘牌(12T)	D100xd51xT1	1.00	EA
29.00 MS 0104228	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL70	1.00	EA
30.00 BL 000299028C	FRONT COVER, HYDRAULIC TURRET	LIO-SHING油壓選刀座前蓋	L890.5xW482.5xH335	1.00	EA
31.00 BL 001044903A	WINDOW, HYDRULIC TURRET	壓克力板	L61xW58xH2	1.00	EA
32.00 MS 0103416	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M4xP0.7xL12	1.00	EA
33.00 MW 0183410	SPRING WASHER	彈簧墊圈	M4	1.00	EA

REV	DESCRIPTION	DATE	ECN
A	新修圖	2005/11/3	BL020



MODEL: TALENT 8/66 10/78 8/66-SV 10/78-SV
PART NAME HYDRAULIC TURRET ASSEMBLY(VERTICAL-12T) 油壓英制刀塔組合(VERTICAL-12T)
PART NUMBER BL 00000810C
PAGE 1 OF 1
REV. A
SCALE 1:10
DATE 2005/11/3

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 00000810C

Description: HYDRAULIC TURRET ASSEMBLY(VERT  
油壓英制刀塔組合(VERTICAL-12T)

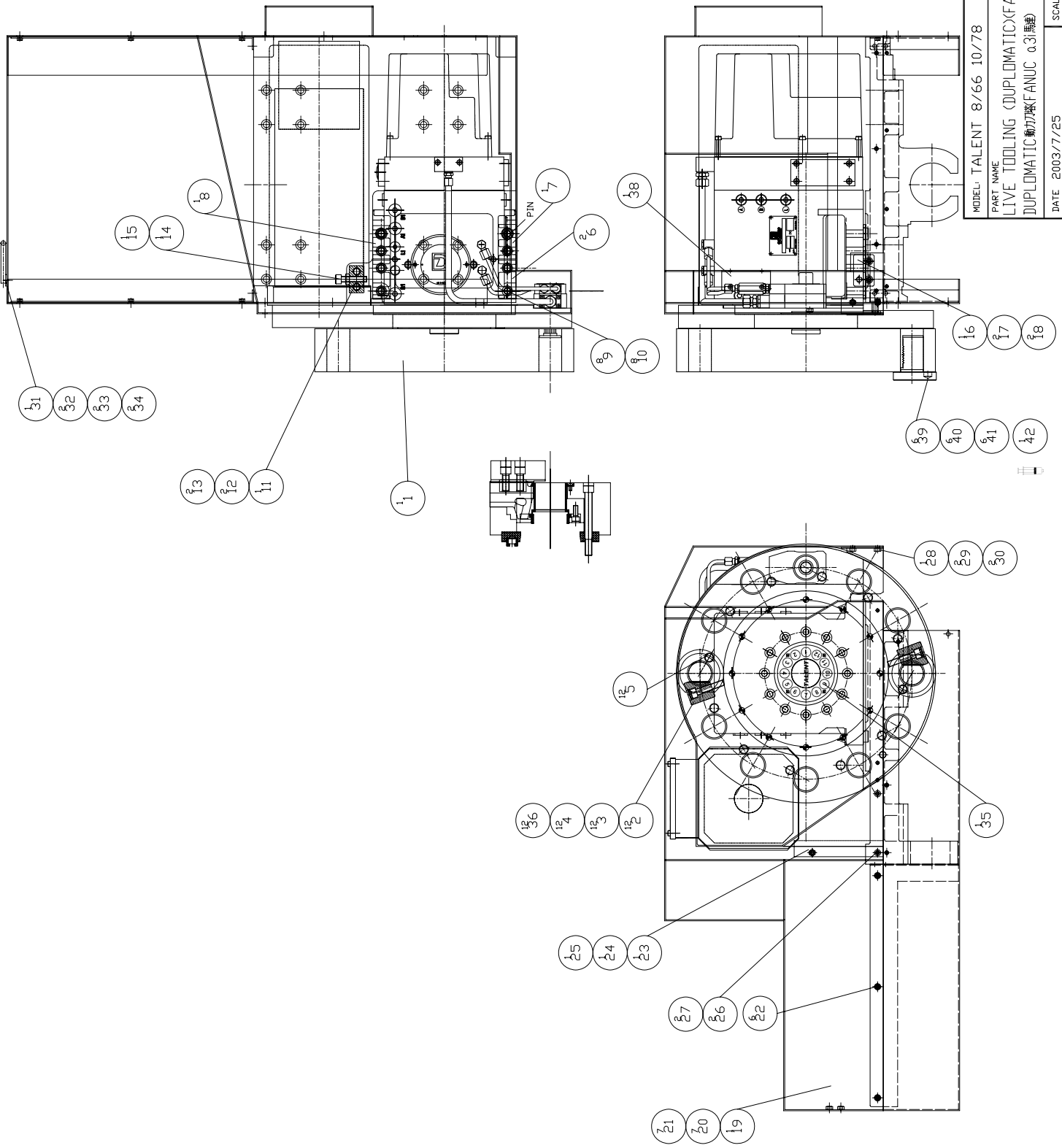
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00099650146	HYDRAULIC TURRET WITH VERTICAL	六鑫油壓英制立式刀塔(12T)	LS-200Ax12Tx25.4	1.00	ST
7.00	BL 001108326C	SHIM, TURRET	刀塔用墊片	L85xW40xH4.3	2.00	EA
8.00	BL 001108327C	SHIM, TURRET	刀塔用墊片	L77xW40xH4.3	1.00	EA
9.00	BL 001108328C	SHIM, TURRET	刀塔用墊片	L77xW40xH4.3	1.00	EA
10.00	MS 0104224	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL50	8.00	EA
11.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	7.00	EA
13.00	MS 0104224	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL50	2.00	EA
14.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	2.00	EA
15.00	MS 0104023	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL45	1.00	EA
16.00	MN 0114010	HEXAGON NUT	六角螺帽	M10xP1.5	1.00	EA
17.00	BL 000022101A	BRACKET	固定塊	L50xW36xH12	1.00	EA
18.00	MS 0103819	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL25	2.00	EA
19.00	MW 0183810	SPRING WASHER	彈簧墊圈	M8	2.00	EA
20.00	BL 000299027C	COVER, HYDRAULIC TURRET	六鑫油壓選刀座蓋	L890.5xW482.5xH335	1.00	EA
21.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	10.00	EA
22.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	10.00	EA
23.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	6.00	EA
24.00	BL 000399016A	FIXED PLATE, HYDRAULIC PIPE	油管固定座	L75xW70xHΦ8	1.00	ST
25.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
26.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
27.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	2.00	EA
29.00	MS 0104228	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL70	1.00	EA
30.00	BL 000299028C	FRONT COVER, HYDRAULIC TURRET	LIO-SHING油壓選刀座前蓋	L890.5xW482.5xH335	1.00	EA
31.00	BL 001044903A	WINDOW, HYDRULIC TURRET	壓克力板	L61xW58xH2	1.00	EA
32.00	MS 0103416	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M4xP0.7xL12	2.00	EA
33.00	MW 0183410	SPRING WASHER	彈簧墊圈	M4	2.00	EA

REV	DESCRIPTION	DATE	ECN
A	機軸加工	2003/4/29	TR-0166
B	ADD BALLOON 39/40/41	2003/2/26	TR-0230
C	ADD BALLOON 42	2005/1/11	TR-0186



MODEL: TALENT 8/66 10/78	PART NUMBER
PART NAME	BL 00000804C
LIVE TOOLING (DIPLOMATIC(FANUC α3))	PAGE 1 OF 1
DIPLOMATIC 動力源(FANUC α3機軸)	REV. C
DATE 2003/7/25	SCALE 1:10

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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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Master Item Part NO.: BL 000000804C

Description: LIVE TOOLING (DIPLOMATIC)(FANU

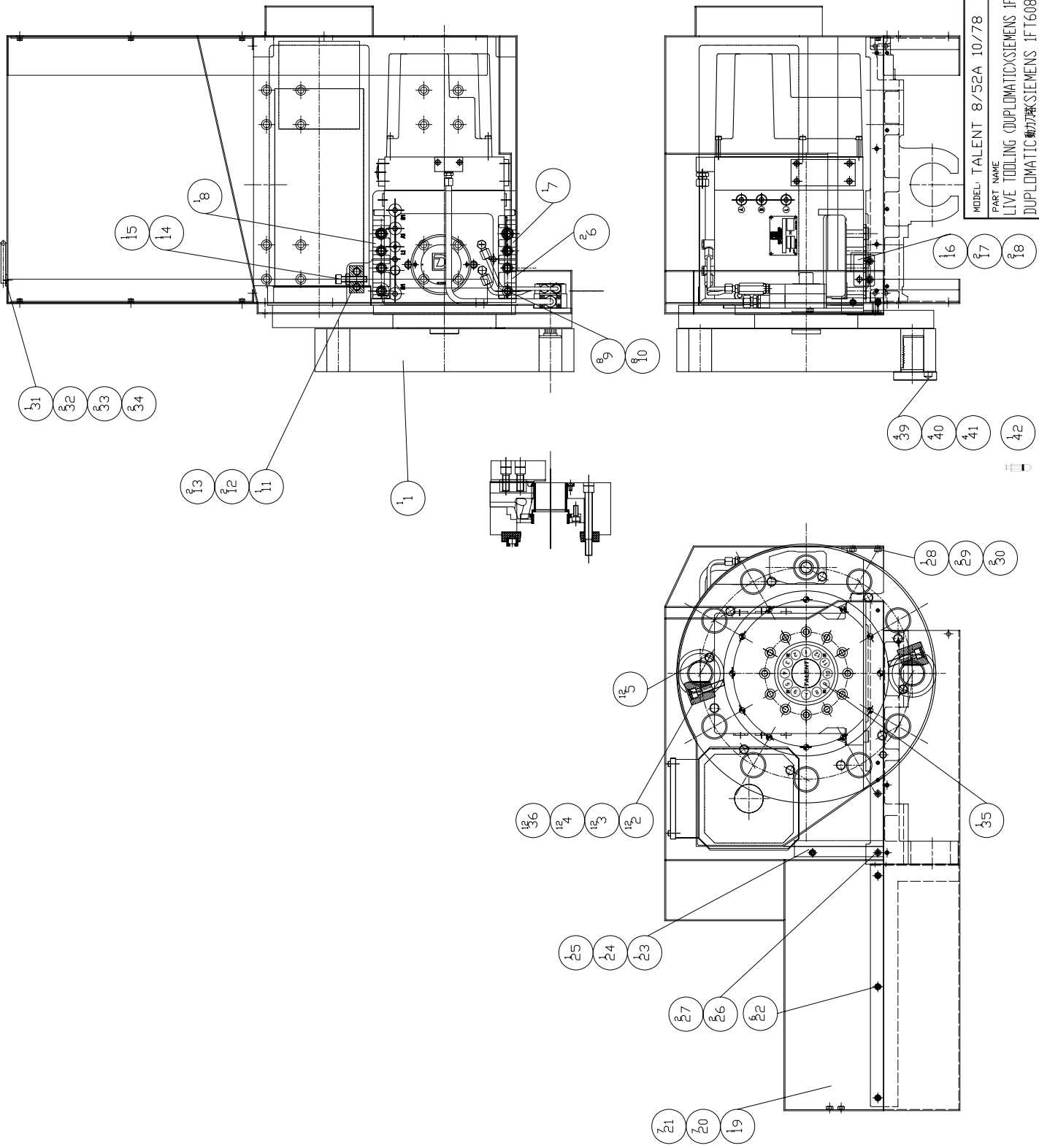
DIPLOMATIC動力刀塔(FANUC α 3i馬達/12T

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00099650114	TOOL TURRET FOR DRIVEN TOOL/SE	Diplomatic動力刀塔/整組(軸向12支刀,配FANU[Diplomatic] SMA-H-MDT20-370/0		1.00	ST
6.00	BL 001108326C	SHIM, TURRET	刀塔用墊片	L85xW40xH4.3	2.00	EA
7.00	BL 001108327C	SHIM, TURRET	刀塔用墊片	L77xW40xH4.3	1.00	EA
8.00	BL 001108328C	SHIM, TURRET	刀塔用墊片	L77xW40xH4.3	1.00	EA
9.00	MS 0104224	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL50	8.00	EA
10.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	8.00	EA
12.00	MS 0104224	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL50	2.00	EA
13.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	2.00	EA
14.00	MS 0104023	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL45	1.00	EA
15.00	MN 0114010	HEXAGON NUT	六角螺帽	M10xP1.5	1.00	EA
16.00	BL 000022101A	BRACKET	固定塊	L50xW36xH12	1.00	EA
17.00	MS 0103819	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL25	2.00	EA
18.00	MW 0183810	SPRING WASHER	彈簧墊圈	M8	2.00	EA
19.00	BL 000399006C	TOP COVER, LIVE TOOLING (DUPLO	DIPLOMATIC選刀座蓋	L986xW485.5xH382	1.00	EA
20.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	7.00	EA
21.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	7.00	EA
22.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	6.00	EA
23.00	BL 000399056C	rear cover, live tooling	後防濺板	L174.5xW144xH20	1.00	EA
24.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	1.00	EA
25.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
26.00	MS 0103620	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL30	2.00	EA
27.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
28.00	BL 000399055C	front cover, live tooling	前防護板	L73.5xW37xH30	1.00	EA
29.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
30.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
31.00	BL 000399016A	FIXED PLATE, HYDRAULIC PIPE	油管固定座	L75xW70xHΦ8	1.00	ST
32.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
33.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
34.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	2.00	EA
36.00	BL 000417301C	FLAT WASHER	M10平墊圈	M10(d12xD17.2xT2.5)	12.00	EA
37.00	MS 0104228	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL70	1.00	EA
38.00	BL 000499066C	COVER	護蓋	LWH	1.00	EA
39.00	BL 001194442C	Turret plug (for VDI 40 only)	止動塊(自動送料裝置)	D85xL78	6.00	ST
40.00	NV 00094310508	O RING	O型油環	AS-123	6.00	EA
42.00	S5100100004	INJECTOR	注射筒 (50ML)	注射筒 (50ML)	1.00	ST

REV	DESCRIPTION	DATE	ECN
A	機架放	2003/4/29	TBL-0166
B	ADD BALLON	2006/12/11	TBL-0186



MODEL: TALENT 8/52A 10/78	PART NUMBER	REV. B
PART NAME	BL 00000804CC	PAGE 1 OF 1
LIVE TOOLING (DIPLOMATICXSIEMENS IFT6086/12T)		
DIPLOMATIC 動力機 (SIEMENS IFT6086/12T)		
DATE 2003/7/25	SCALE 1:10	

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000000804CC

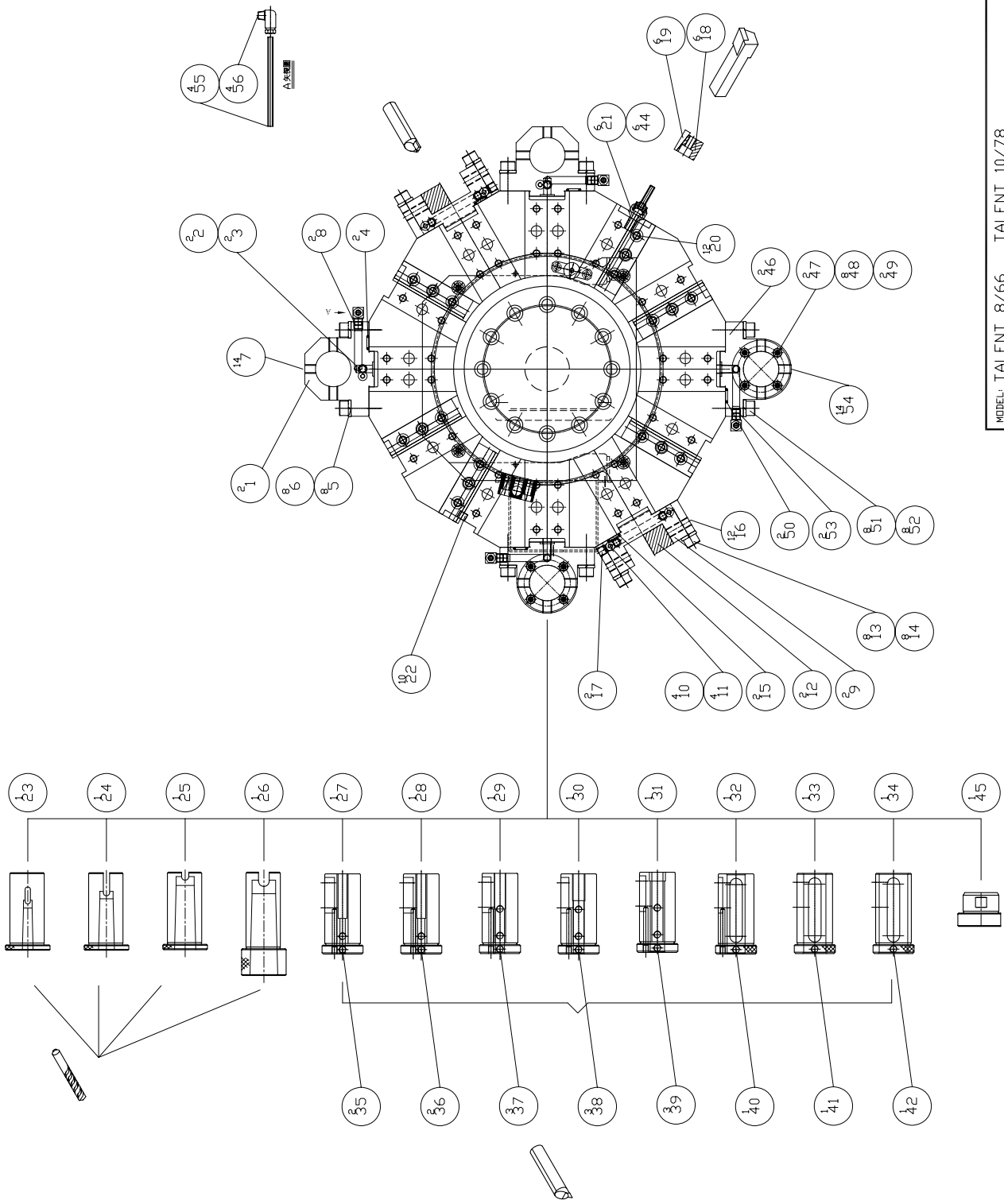
Description:  
LIVE TOOLING (DUPLOMATIC)(SIEM  
DUPLOMATIC動力刀塔(SIEMENS 12T)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00099650115	TOOL TURRET FOR DRIVEN TOOL/SE	Diplomatic動力刀塔/整組(軸向12支刀,配SIEM [Diplomatic] SMA-H-MDT20-370/0		1.00	ST
6.00	BL 001108326C	SHIM, TURRET	刀塔用墊片	L85xW40xH4.3	2.00	EA
7.00	BL 001108327C	SHIM, TURRET	刀塔用墊片	L77xW40xH4.3	1.00	EA
8.00	BL 001108328C	SHIM, TURRET	刀塔用墊片	L77xW40xH4.3	1.00	EA
9.00	MS 0104224	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL50	7.00	EA
10.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	8.00	EA
12.00	MS 0104224	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL50	2.00	EA
13.00	MW 0184210	SPRING WASHER	彈簧墊圈	M12	2.00	EA
14.00	MS 0104023	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL45	1.00	EA
15.00	MN 0114010	HEXAGON NUT	六角螺帽	M10xP1.5	1.00	EA
16.00	BL 000022101A	BRACKET	固定塊	L50xW36xH12	1.00	EA
17.00	MS 0103819	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL25	2.00	EA
18.00	MW 0183810	SPRING WASHER	彈簧墊圈	M8	2.00	EA
19.00	BL 000399006C	TOP COVER, LIVE TOOLING (DUPLO	DUPLOMATIC選刀座蓋	L986xW485.5xH382	1.00	EA
20.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	7.00	EA
21.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	7.00	EA
22.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	6.00	EA
23.00	BL 000399056C	rear cover, live tooling	後防濺板	L174.5xW144xH20	1.00	EA
24.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	1.00	EA
25.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
26.00 MS 0103620	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL30	2.00	EA
27.00 MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
28.00 BL 000399055C	front cover, live tooling	前防護板	L73.5xW37xH30	1.00	EA
29.00 MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
30.00 MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
31.00 BL 000399016A	FIXED PLATE, HYDRAULIC PIPE	油管固定座	L75xW70xHΦ8	1.00	ST
32.00 MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
33.00 MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
34.00 MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	2.00	EA
36.00 BL 000417301C	FLAT WASHER	M10平墊圈	M10(d12xD17.2xT2.5)	12.00	EA
37.00 MS 0104228	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12xP1.75xL70	1.00	EA
39.00 BL 001194442C	Turret plug (for VDI 40 only)	止動塊(自動送料裝置)	D85xL78	1.00	ST
40.00 NV 00094310508	O RING	O型油環	AS-123	1.00	EA
42.00 S5100100004	INJECTOR	注射筒 (50ML)	注射筒 (50ML)	1.00	ST

REV	DESCRIPTION	DATE	ECN
A	機軸設計	2002/11/14	TBL-0079
B	4-3 型製作公差	2004/1/28	TBL-0089
C	22 標準規格->10, 標準5.5&#2248;規格->10	2007/9/11	787



MODEL: TALENT 8/66	TALENT 10/78
PART NAME	PART NUMBER
VERTICAL TURRET TOOLING, METRIC	BLA001194452C
立式公制刀具(標準附件)	PAGE 1 OF 1
DATE 2003/7/22	SCALE 1:1
	REV. C



# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BLA001194452C

Description: VERTICAL TURRET TOOLING, METRI  
立式公制刀具(標準附件)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.02	BL 001194401C	BORING TOOL HOLDER, VERTICAL T	搪刀座(公制立式刀塔)	L106xW84xH78(d40)	2.00	ST
2.00	BL 00070110101	NOZZLE, COOLANT	冷卻水噴嘴	NOZ. 10	2.00	EA
3.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	2.00	EA
4.00	NV 00094310106	O-RING	O型油環	[JIS] P12 (MADE IN JAPAN)	2.00	EA
5.00	MS 0104022	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL40	8.00	EA
6.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	8.00	EA
7.00	BL 000668402C	SOC SET, HALF DOG	桿頭端固定螺絲	M10XP1.5XL25	14.00	EA
8.00	NV 00077031701	PLUG, SOCKET HEX.	塞頭	PT1/8	2.00	EA
9.01	BL 001194402C	25 SQUARE TOOL HOLDER, VERTICA	四方刀座(公制立式刀塔)	L106xW90xH50	2.00	ST
10.00	BL 00070110101	NOZZLE, COOLANT	冷卻水噴嘴	NOZ. 10	4.00	EA
11.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	4.00	EA
12.00	BL 000199033C	RETAINER, VERTICAL SQUARE TOOL	立式端面刀壓板	L90xW25.4xH20	2.00	ST
13.00	MS 0104026	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL60	8.00	EA
14.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	8.00	EA
15.00	NV 00094310106	O-RING	O型油環	[JIS] P12 (MADE IN JAPAN)	2.00	EA
16.00	BL 000668402C	SOC SET, HALF DOG	桿頭端固定螺絲	M10XP1.5XL25	12.00	EA
17.00	NV 00077031701	PLUG, SOCKET HEX.	塞頭	PT1/8	2.00	EA
18.00	BL 000199034C	RETAINER, OD TOOL	立式外徑刀壓板	L90xW22xH18.91	6.00	ST
19.00	BL 000199035C	CLAMPING JIG, OD TOOL	立式外徑刀壓板(公制)	L90xW25xH6.51	6.00	ST
20.00	MS 0103820	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL30	12.00	EA

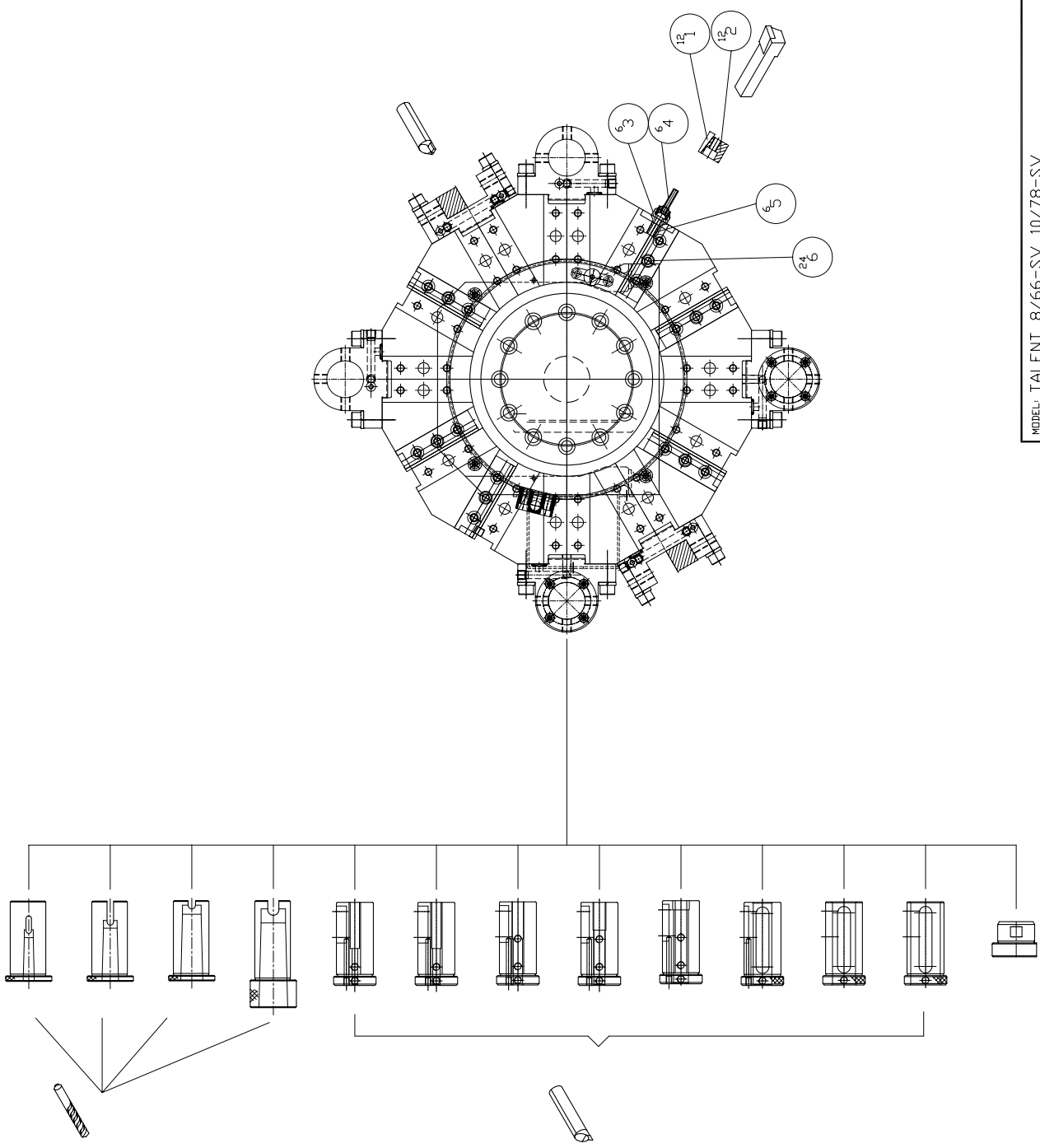
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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 00070110102	NOZZLE, COOLANT	NOZ. 14	6.00	EA
22.00	NV 00077031701	PLUG, SOCKET HEX.	PT1/8	10.00	EA
23.00	BL 001194406C	SLEEVE, BORING TOOL HOLDER	搪孔刀套(MT NO1)	1.00	EA
24.00	BL 001194407C	SLEEVE, BORING TOOL HOLDER	搪孔刀套(MT NO2)	1.00	EA
25.00	BL 001194408C	SLEEVE, BORING TOOL HOLDER	搪孔刀套(MT NO3)	1.00	EA
26.00	BL 001194469C	SLEEVE, BORING TOOL HOLDER	搪孔刀套(MT NO4)	1.00	EA
27.00	BL 001194409C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O6mm)	1.00	EA
28.00	BL 001194410C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O8mm)	1.00	EA
29.00	BL 001194411C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O10mm)	1.00	EA
30.00	BL 001194412C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O12mm)	1.00	EA
31.00	BL 001194413C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O16mm)	1.00	EA
32.00	BL 001194414C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O20mm)	1.00	EA
33.00	BL 001194415C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O25mm)	1.00	EA
34.00	BL 001194471C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O32mm)	1.00	EA
35.00	MS 0553816	SOC SET, CUP POINT	M8XP1.25XL12	2.00	EA
36.00	MS 0553816	SOC SET, CUP POINT	M8XP1.25XL12	2.00	EA
37.00	MS 0553816	SOC SET, CUP POINT	M8XP1.25XL12	3.00	EA
38.00	MS 0553815	SOC SET,CUP POINT	M8XP1.25XL10	3.00	EA
39.00	MS 0553815	SOC SET,CUP POINT	M8XP1.25XL10	3.00	EA
40.00	MS 0553815	SOC SET,CUP POINT	M8XP1.25XL10	1.00	EA
41.00	MS 0553814	SOC SET, CUP POINT	M8XP1.25XL8	1.00	EA
42.00	MS 0553813	SOC SET, CUP POINT	M8XP1.25XL6	1.00	EA
44.00	BL 001010902A	BRASS PIPE, COOLANT	D6xd4x30	6.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
45.00 BL 001194473C	STOPER, FOR BAR FEEDER	止動塊(配合搪刀座自動送料)	D40xL34	1.00	EA
46.01 BL 001194405C	BORING TOOL HOLDER, VERTICAL T	搪刀座-CTS(公制立式刀塔)	L106xW84xH78(d40)	2.00	ST
47.00 BL 001011515C	COVER, BORING TOOL HOLDER	搪刀座中心出水蓋	D65xd40xH8	2.00	EA
48.00 MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	8.00	EA
49.00 BL 001011604C	PLASTIC SHIELD	防漏橡膠片	D65Xd40x1	2.00	EA
50.00 NV 00094310106	O-RING	O型油環	[JIS] P12 (MADE IN JAPAN)	2.00	EA
51.00 MS 0104022	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL40	8.00	EA
52.00 MW 0184010	SPRING WASHER	彈簧墊圈	M10	8.00	EA
53.00 NV 00077031701	PLUG, SOCKET HEX.	塞頭	PT1/8	2.00	EA
54.00 BL 000668402C	SOC SET, HALF DOG	桿頭端固定螺絲	M10XP1.5XL25	14.00	EA
55.00 BL 00070070401	ALUMINUM PIPE	鋁管	OD6mmxD4mm	.40	MT
56.00 NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	4.00	EA

REV	DESCRIPTION	DATE	ECN
0	新仕様	2005/11/17	REL-0002



MODEL: TALENT 8/66-SV 10/78-SV	PART NUMBER
PART NAME	BL 001194452J
VERTICAL TURRET TOOLING, METRIC	PAGE 1 OF 1
立式公制刀具(機軸附件)	REV. 0
DATE 2005/11/17	SCALE 1:1

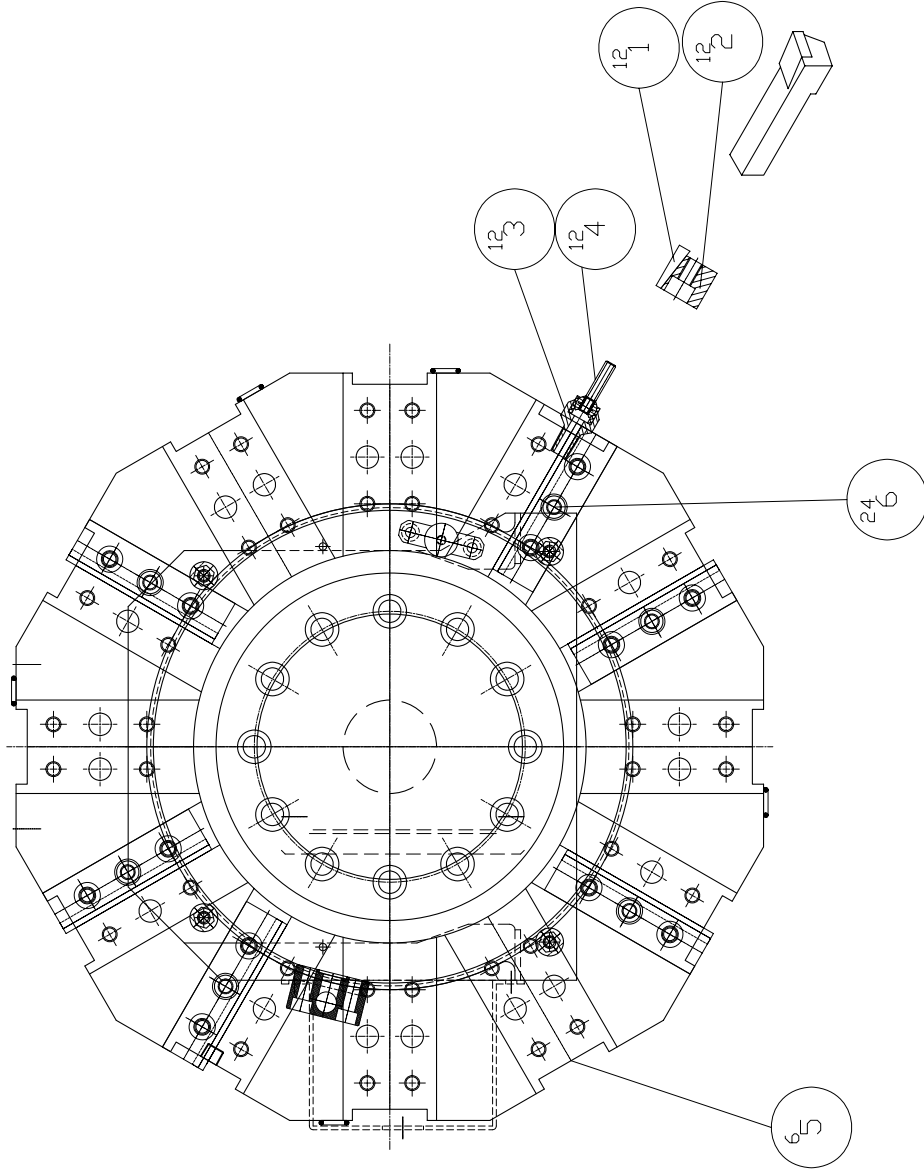
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 001194452J

Description: VERTICAL TURRET TOOLING, METRI  
立式公制刀具(標準型)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 000199035C	CLAMPING JIG, OD TOOL	立式外徑刀壓板(公制)	L90xW25xH6.51	12.00	EA
2.00	BL 000199034C	RETAINER, OD TOOL	立式外徑刀壓板	L90xW22xH18.91	12.00	EA
3.00	BL 00070110102	NOZZLE, COOLANT	端面刀出水接頭	NOZ. 14	6.00	EA
4.00	BL 001010902A	BRASS PIPE, COOLANT	切削水銅管	D6xd4x30	6.00	EA
5.00	NV 00077031701	PLUG, SOCKET HEX.	塞頭	PT1/8	6.00	EA
6.00	MS 0103818	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL20	24.00	EA

REV	DESCRIPTION	DATE	ECN
A	零件名 排釧刀座材料(3.14.0716→)2	2005/11/17	TBL.0504
B	排釧刀座材料(3.14.0716→)2	2005/12/22	TBL.0504



MODEL	TALENT 8/66 10/78
PART NAME	VERTICAL TURRET TOOLING, METRIC(公釐)
PART NUMBER	BL 001194488C
DATE	2005/11/17
SCALE	1:1
REV.	B
PAGE	1 OF 1

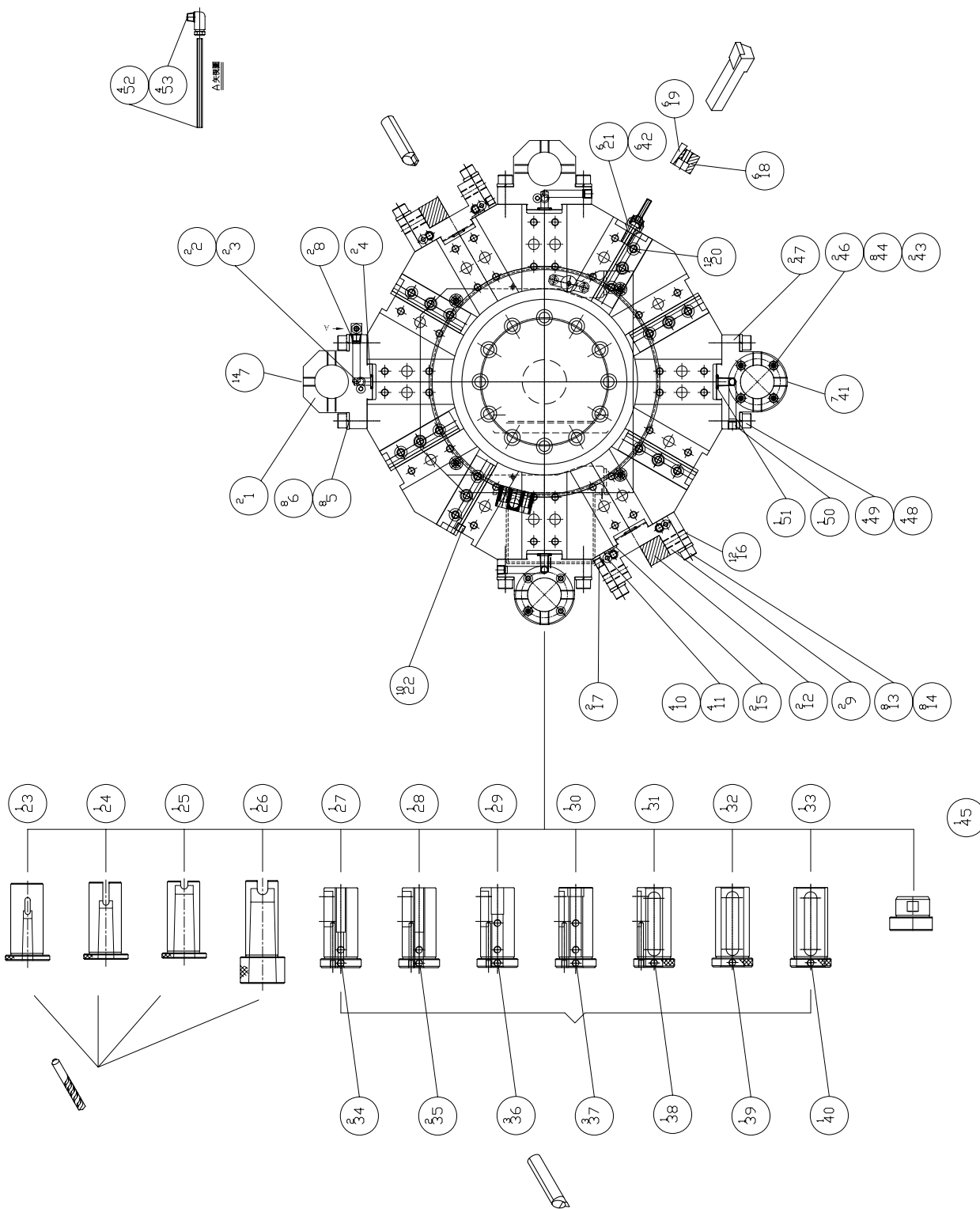
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 001194488C

Description: VERTICAL TURRET TOOLING, METRI  
立式公制刀具(標準型)大陸

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 000199035C	CLAMPING JIG, OD TOOL	立式外徑刀壓板(公制)	L90xW25xH6.51	12.00	EA
2.00	BL 000199034C	RETAINER, OD TOOL	立式外徑刀壓板	L90xW22xH18.91	12.00	EA
3.00	BL 00070110102	NOZZLE, COOLANT	端面刀出水接頭	NOZ. 14	12.00	EA
4.00	BL 001010902A	BRASS PIPE, COOLANT	切削水銅管	D6xd4x30	12.00	EA
5.00	NV 00077031701	PLUG, SOCKET HEX.	塞頭	PT1/8	6.00	EA
6.00	MS 0103818	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL20	24.00	EA

REV	DESCRIPTION	DATE	ECN
A	機軸放	2003/11/14	TBL0079
B	増力弁 4.5	2005/11/23	TBL0200
C	22 機軸放->10, 機軸52,53 機軸	2007/9/11	787



MODEL: TALENT 8/66 10/78
PART NAME VERTICAL TURRET TOOLING, ENGLISH 立式英制刀具(機軸附件)
PART NUMBER BLA001194454C
DATE 2003/11/17
SCALE 1:1
PAGE 1 OF 1
REV. C



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BLA001194454C

Description: VERTICAL TURRET TOOLING, ENGLI  
立式英制刀具(標準附件)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.02	BL 001194439C	BORING TOOL HOLDER, VERTICAL T	搪刀座(英制立式刀塔)	L106xW84xH78(d38.1)	2.00	ST
2.00	BL 00070110101	NOZZLE, COOLANT	冷卻水噴嘴	NOZ. 10	2.00	EA
3.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	2.00	EA
4.00	NV 00094310106	O-RING	O型油環	[JIS] P12 (MADE IN JAPAN)	2.00	EA
5.00	MS 0104022	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL40	8.00	EA
6.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	8.00	EA
7.00	BL 000668402C	SOC SET, HALF DOG	桿頭端固定螺絲	M10XP1.5XL25	14.00	EA
8.00	NV 00077031701	PLUG, SOCKET HEX.	塞頭	PT1/8	2.00	EA
9.01	BL 001194441C	20 SQUARE TOOL HOLDER, VERTICA	四方刀座(英制立式刀塔)	L106xW90xH50	2.00	ST
10.00	BL 00070110101	NOZZLE, COOLANT	冷卻水噴嘴	NOZ. 10	4.00	EA
11.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	4.00	EA
12.00	BL 000199033C	RETAINER, VERTICAL SQUARE TOOL	立式端面刀壓板	L90xW25.4xH20	2.00	ST
13.00	MS 0104022	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL40	8.00	EA
14.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	8.00	EA
15.00	NV 00094310106	O-RING	O型油環	[JIS] P12 (MADE IN JAPAN)	2.00	EA
16.00	BL 000668402C	SOC SET, HALF DOG	桿頭端固定螺絲	M10XP1.5XL25	12.00	EA
17.00	NV 00077031701	PLUG, SOCKET HEX.	塞頭	PT1/8	2.00	EA
18.00	BL 000199034C	RETAINER, OD TOOL	立式外徑刀壓板	L90xW22xH18.91	6.00	ST
19.00	BL 000199098C	CLAMPING JIG, OD TOOL	立式外徑刀壓板(英制)	L90xW25.4xH6.97	6.00	ST
20.00	MS 0103818	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL20	12.00	EA

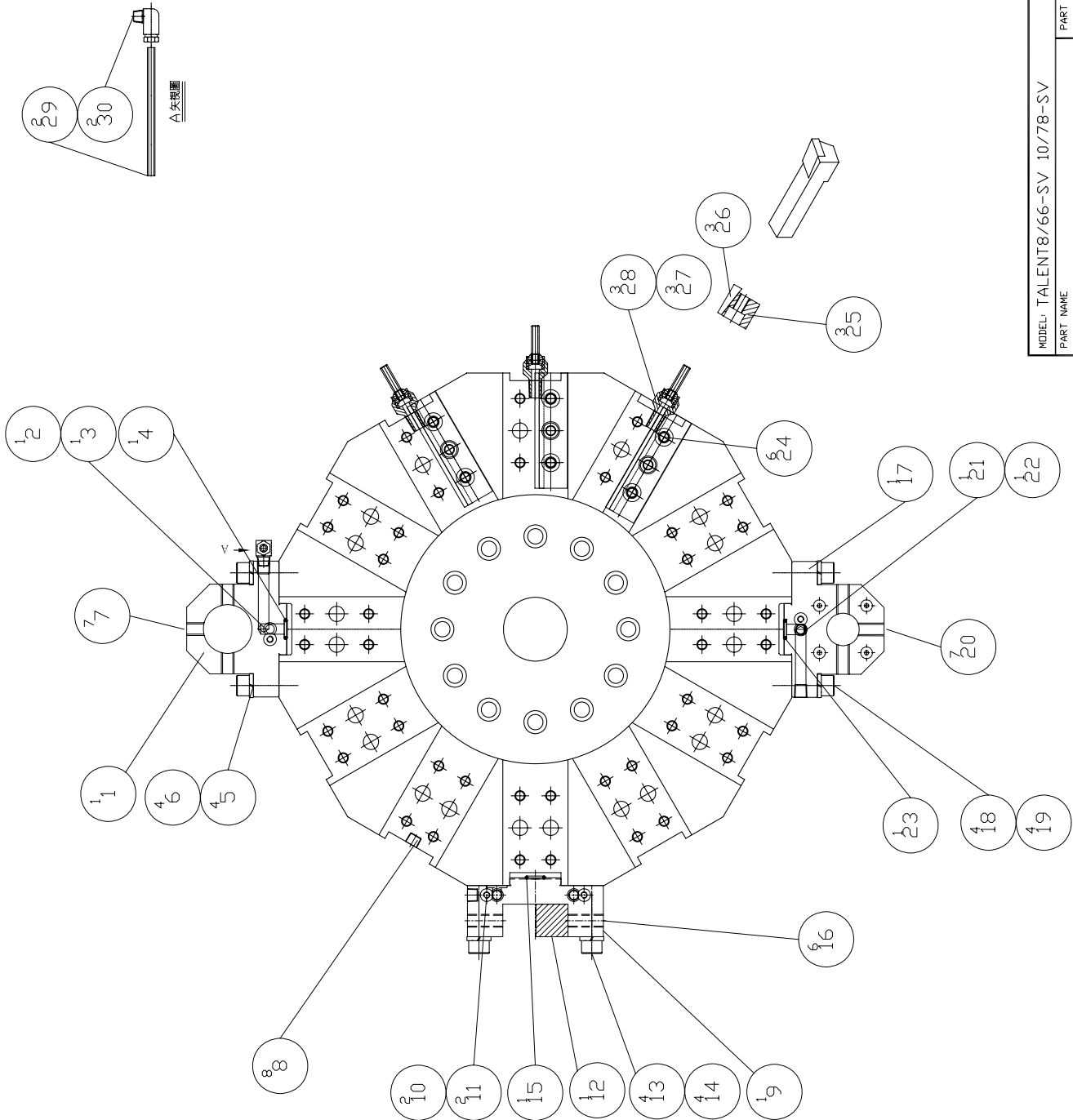
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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 00070110102	NOZZLE, COOLANT	NOZ. 14	6.00	EA
22.00	NV 00077031701	PLUG, SOCKET HEX.	PT1/8	10.00	EA
23.00	BL 001194424C	SLEEVE, BORING TOOL HOLDER	搪孔刀套(MT NO1)	1.00	EA
24.00	BL 001194425C	SLEEVE, BORING TOOL HOLDER	搪孔刀套(MT NO2)	1.00	EA
25.00	BL 001194426C	SLEEVE, BORING TOOL HOLDER	搪孔刀套(MT NO3)	1.00	EA
26.00	BL 001194470C	SLEEVE, BORING TOOL HOLDER	搪孔刀套(英制-MT NO4)	1.00	EA
27.00	BL 001194427C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O6.35mm)	1.00	EA
28.00	BL 001194428C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O9.525mm)	1.00	EA
29.00	BL 001194429C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O12.7mm)	1.00	EA
30.00	BL 001194430C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O15.875mm)	1.00	EA
31.00	BL 001194431C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O19.05mm)	1.00	EA
32.00	BL 001194432C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O25.4mm)	1.00	EA
33.00	BL 001194472C	SLEEVE, BORING TOOL HOLDER	搪刀座內徑套筒(內孔O31.75mm)	1.00	EA
34.00	MS 0553816	SOC SET, CUP POINT	M8XP1.25XL12	2.00	EA
35.00	MS 0553816	SOC SET, CUP POINT	M8XP1.25XL12	2.00	EA
36.00	MS 0553815	SOC SET, CUP POINT	M8XP1.25XL10	3.00	EA
37.00	MS 0553814	SOC SET, CUP POINT	M8XP1.25XL8	3.00	EA
38.00	MS 0553816	SOC SET, CUP POINT	M8XP1.25XL12	1.00	EA
39.00	MS 0553814	SOC SET, CUP POINT	M8XP1.25XL8	1.00	EA
40.00	MS 0553813	SOC SET, CUP POINT	M8XP1.25XL6	1.00	EA
41.00	BL 000668402C	SOC SET, HALF DOG	M10XP1.5XL25	7.00	EA
42.00	BL 001010902A	BRASS PIPE, COOLANT	D6xd4x30	6.00	EA
43.00	BL 001011604C	PLASTIC SHIELD	D65Xd40x1	2.00	EA

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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
44.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	8.00	EA
45.00	BL 001194487C	STOPER, FOR BAR FEEDER	止動塊(配合搪刀座自動送料)	D38.1xL38	1.00	EA
46.00	BL 001011526C	COVER,SPLASH GUARD	護蓋板	L659.4xW80.4xH103	2.00	EA
47.00	BL 001194440C	BORING TOOL HOLDER, VERTICAL T	搪刀座-CTS(英制立式刀塔)	L106xW84xH78(d38.1)	2.00	EA
48.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	8.00	EA
49.00	MS 0104022	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL40	4.00	EA
50.00	NV 00077031701	PLUG, SOCKET HEX.	塞頭	PT1/8	1.00	EA
51.00	NV 00094310106	O-RING	O型油環	[JIS] P12 (MADE IN JAPAN)	1.00	EA
52.00	BL 00070070401	ALUMINUM PIPE	鋁管	OD6mmxID4mm	.40	MT
53.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	4.00	EA

REV	DESCRIPTION	DATE	ECN
A	機放, 新機台 9~30 品番	2007/9/11	786



MODEL: TALENT8/66-SV 10/78-SV
PART NAME VERTICAL TURRET TOOLING, INCH(美國) 立式機制刀具(標準附件) 美國
PART NUMBER BL 001194489J
DATE 2005/12/22
SCALE 1:5
REV. A
PAGE 1 OF 1

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 001194489J

Description: VERTICAL TURRET TOOLING, INCH(  
立式英制刀具(標準型)美國

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 001194439C	BORING TOOL HOLDER, VERTICAL T	搪刀座(英制立式刀塔)	L106xW84xH78(d38.1)	1.00	EA
2.00	BL 00070110101	NOZZLE, COOLANT	冷卻水噴嘴	NOZ. 10	1.00	EA
3.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	1.00	EA
4.00	NV 00094310106	O-RING	O型油環	[JIS] P12 (MADE IN JAPAN)	1.00	EA
5.00	MS 0104022	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL40	4.00	EA
6.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	4.00	EA
7.00	BL 000668402C	SOC SET, HALF DOG	桿頭端固定螺絲	M10XP1.5XL25	7.00	EA
8.00	NV 00077031701	PLUG, SOCKET HEX.	塞頭	PT1/8	8.00	EA
9.00	BL 001194441C	20 SQUARE TOOL HOLDER, VERTICA	四方刀座(英制立式刀塔)	L106xW90xH50	1.00	EA
10.00	BL 00070110101	NOZZLE, COOLANT	冷卻水噴嘴	NOZ. 10	2.00	EA
11.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	2.00	EA
12.00	BL 000199033C	RETAINER, VERTICAL SQUARE TOOL	立式端面刀壓板	L90xW25.4xH20	1.00	EA
13.00	MS 0104022	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL40	4.00	EA
14.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	4.00	EA
15.00	NV 00094310106	O-RING	O型油環	[JIS] P12 (MADE IN JAPAN)	1.00	EA
16.00	BL 000668402C	SOC SET, HALF DOG	桿頭端固定螺絲	M10XP1.5XL25	6.00	EA
17.00	BL 001194480J	BORING TOOL HOLDER, VERTICAL TO	搪刀座(立式刀塔)英制	106X90X82(5/4")	1.00	EA
18.00	MS 0104022	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL40	4.00	EA
19.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	4.00	EA
20.00	BL 000668402C	SOC SET, HALF DOG	桿頭端固定螺絲	M10XP1.5XL25	7.00	EA

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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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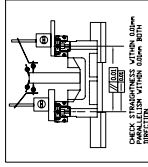
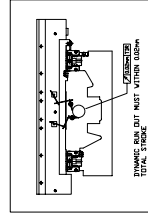
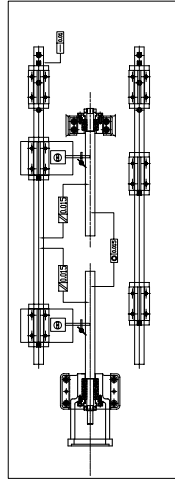
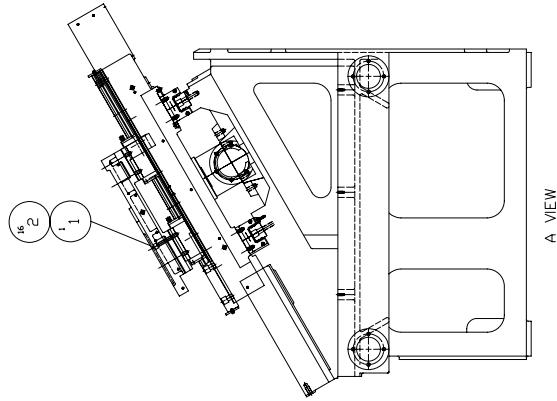
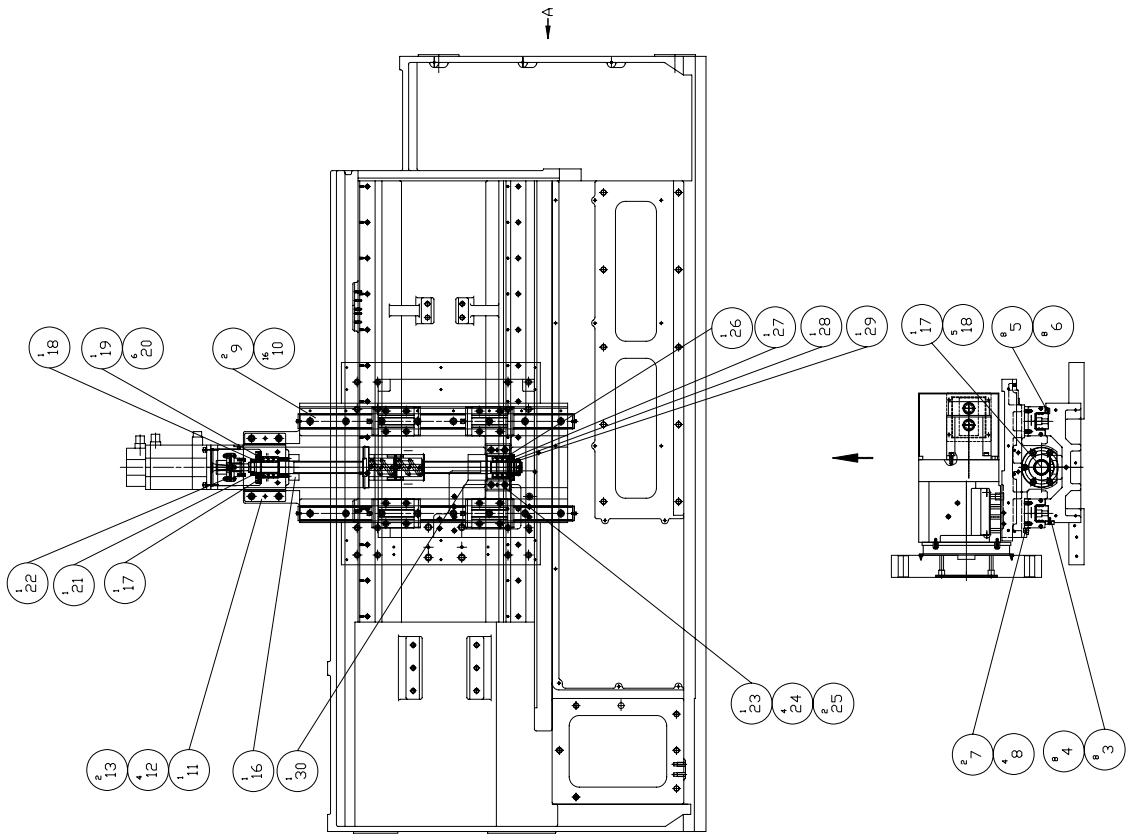
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	MS 0313514	FLAT HD. SOCKET	六角穴平頭螺絲	M5xP0.8xL8	1.00	EA
22.00	BL 00070110101	NOZZLE, COOLANT	冷卻水噴嘴	NOZ. 10	1.00	EA
23.00	NV 00094310106	O-RING	O型油環	[JIS] P12 (MADE IN JAPAN)	1.00	EA
24.00	MS 0103818	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL20	6.00	EA
25.00	BL 000199034C	RETAINER, OD TOOL	立式外徑刀壓板	L90xW22xH18.91	3.00	EA
26.00	BL 000199098C	CLAMPING JIG, OD TOOL	立式外徑刀壓板(英制)	L90xW25.4xH6.97	3.00	EA
27.00	BL 001010902A	BRASS PIPE, COOLANT	切削水銅管	D6xd4x30	3.00	EA
28.00	BL 00070110102	NOZZLE, COOLANT	端面刀出水接頭	NOZ. 14	3.00	EA
29.00	BL 00070070401	ALUMINUM PIPE	鋁管	OD6mmxID4mm	.20	MT
4-30.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	2.00	EA

# Chapter 5

X,Z 軸進給系統+內部防濺板金

X,Z-Carriage+Internal Shield

REV	DESCRIPTION	DATE	ECN
A		2007/9/19	1



MODEL: GS 200/66 GS 250 GS 200/66L GS 250L
PART NAME X-AXIS CARRIAGE<STD.> X軸傳動<STD.>
PART NUMBER BLA000013008C
PAGE 1 OF 1
REV. A
SCALE 1:23
DATE 2007/9/19



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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BLA000013008C

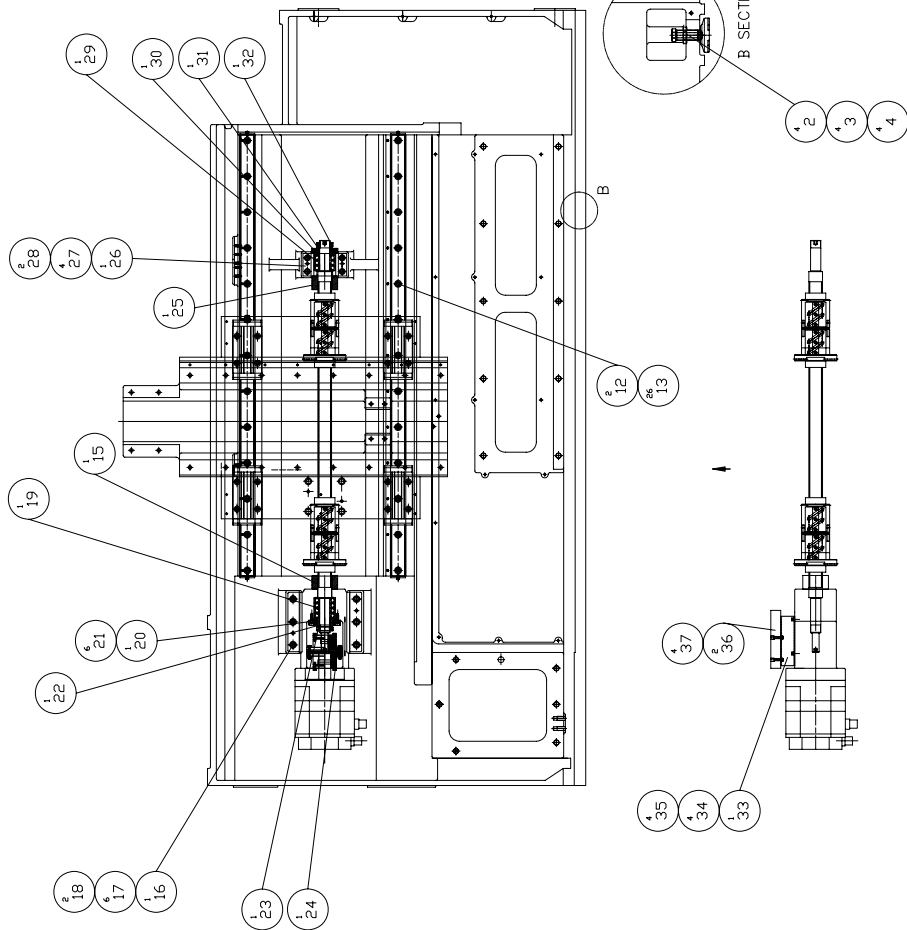
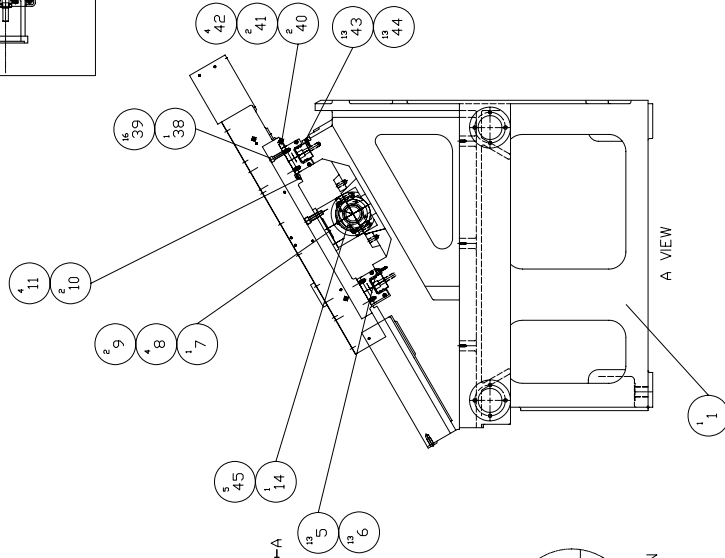
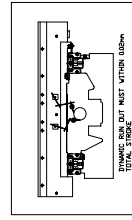
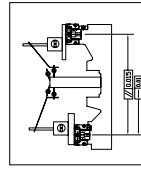
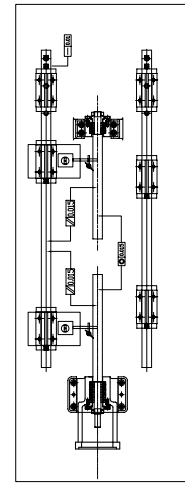
Description: X-AXIS CARRIAGE(STD.)  
X 軸傳動(STD.)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BLA000720200C	SLZDE	滑板	L463.5xW458xH161	1.00	EA
2.00	MS 0104024	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL50	16.00	EA
3.00	BL 001059000A	RETAINER, WEDGE	楔塊	L20xW17.5xH7.5	8.00	EA
4.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	8.00	EA
5.00	NV 001059000D	RETAINER, WEDGE	楔塊	L20xW18.5xH9.5	8.00	EA
6.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	8.00	EA
7.00	NV 001059001D	RETAINER, WEDGE	楔塊	L80xW18.5xH9.5	2.00	EA
8.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	4.00	EA
9.00	BL 000831604C	LINEAR GUIDE, X-AXIS	X軸線性滑軌	[NSK] LA450800ANC2V01/V02K54-P	2.00	ST
10.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	16.00	EA
11.00	BLA001066101C	SEAT, MOTOR(X-AXIS FANUC)	馬達座(X軸)	L228.5xW200xH130	1.00	EA
12.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	4.00	EA
13.00	NV 00032530104	TAPER PIN	斜銷	D8x60L	2.00	EA
14.00	BL 000190202C	BALL SCREW, X-AXIS	X軸滾珠導螺桿	[PMIJ] W3605Z-613ZK1-C3Z10	1.00	ST
15.00	MS 0104019	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL25	5.00	EA
16.00	BL 000691602C	BUMPER(X-AXIS)	止動環(X軸上)	D75xd37xL40	1.00	EA
17.00	NV 00002660110	BEARING, BALL SCREW SUPPORT	滾珠導桿斜角滾珠軸承	NSK 30TAC62BDFDC10PN7B (3PCS/S	1.00	ST
18.00	NV 000179920A	SPACER, SUPPORT BRG(HI-TORQUE)	間隔圈(高扭力)	D55xd30xL25	1.00	EA
19.00	NV 001011508A	COVER,BALLSCREW	軸蓋	D92xd51xL21.5	1.00	EA
20.00	MS 0103618	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL20	6.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00 NV 000049206A	LOCKNUT	鎖緊螺帽	[SHIANG KAI]M30X1.5	1.00	EA
22.00 NV 001179200A	COUPLING	聯軸器	D81xd16xL81	1.00	EA
23.00 NVA001117604A	HOUSING, BEARING(D32)	XYZ軸承座(D32)	L128xW66xH80	1.00	EA
24.00 MS 0104020	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL30	4.00	EA
25.00 NV 00032530103	TAPER PIN	斜銷	Φ6x32L	2.00	EA
26.00 NV 00002660110	BEARING, BALL SCREW SUPPORT	滾珠導桿斜角滾珠軸承	NSK 30TAC62BDFDC10PN7B (3PCS/S)	1.00	ST
27.00 NVA001011554A	COVER,BALLSCREW(HI-TORQUE)	軸承座蓋(高扭力、標準型共用)	W76xd45.5xL20	1.00	EA
28.00 NVA000179919A	SPACER(HI-TORQUE)	間隔圈(高扭力)	D45xd30xL25	1.00	EA
29.00 NV 000049206A	LOCKNUT	鎖緊螺帽	[SHIANG KAI]M30X1.5	1.00	EA
30.00 BL 000691603C	BUMPER(X-AXIS)	止動環(X軸下)	D75xd37xL55	1.00	EA

REV	DESCRIPTION	DATE	ECN
A		2003/4/29	TR.0166
B		2003/08/08	FN.0600
C		2006/11/3	000251



MODEL: TALENT 8/66 10/78

PART NAME: Z-AXIS CARRIAGE<STD.>  
 Z 軸傳動<STD.>

PART NUMBER: BL 00013007C

PAGE: 1 OF 1

REV: C

SCALE: 1:23

DATE: 2003/9/25

SHEPPY

DATE

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000013007C  
Description: Z-AXIS CARRIAGE(STD.)  
Z 軸傳動(STD.)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.02	BL 000026200C	BASE	底座	L2295xW1019.51xH989	1.00	EA
2.00	NV 300199020A	PAD	墊塊	D100xL30	4.00	EA
3.00	NV 000668409A	SCREW, LEVELING	水平調整螺絲	W32xL87*P2	4.00	EA
4.00	NV 000049212A	NUT	螺帽	W41xL10	4.00	EA
5.00	NV 001059000D	RETAINER, WEDGE	楔塊	L20xW18.5xH9.5	13.00	EA
6.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	13.00	EA
7.00	BL 001066102C	BRACKET, BALLSCREW	Z軸導桿托架	L137xW138xH128	1.00	EA
8.00	MS 0104423	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M14XP2.0XL45	4.00	EA
9.00	NV 00032530104	TAPER PIN	斜銷	D8x60L	2.00	EA
10.00	NV 001059001D	RETAINER, WEDGE	楔塊	L80xW18.5xH9.5	2.00	EA
11.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	4.00	EA
12.00	BL 000831605C	LINEAR GUIDE, Z-AXIS	Z軸線性滑軌	[NSK] LA451293BNC2V01K54-P5Z4	2.00	ST
13.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	16.00	EA
14.00	BL 000190203C	BALL SCREW, Z-AXIS	Z軸滾珠導螺桿	[PMIJR40-10B2-FDW-896-1207-C3	1.00	ST
15.00	BL 000691604C	BUMPER(Z-AXIS)	止動環(Z軸)	D75xd41xL55	1.00	EA
16.00	BL 001066106C	SEAT, MOTOR(Z-AXIS)	馬達座(Z軸)	L267.5xW216xH174	1.00	EA
17.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	6.00	EA
18.00	NV 00032530104	TAPER PIN	斜銷	D8x60L	2.00	EA
19.00	NV 00002660109	BEARING, BALL SCREW SUPPORT	滾珠導桿斜角滾珠軸承	NSK 30TAC62BDFFC10PN7B (4PCS/S	1.00	ST
20.00	NV 001011508A	COVER,BALLSCREW	軸蓋	D92xd51xL21.5	1.00	EA

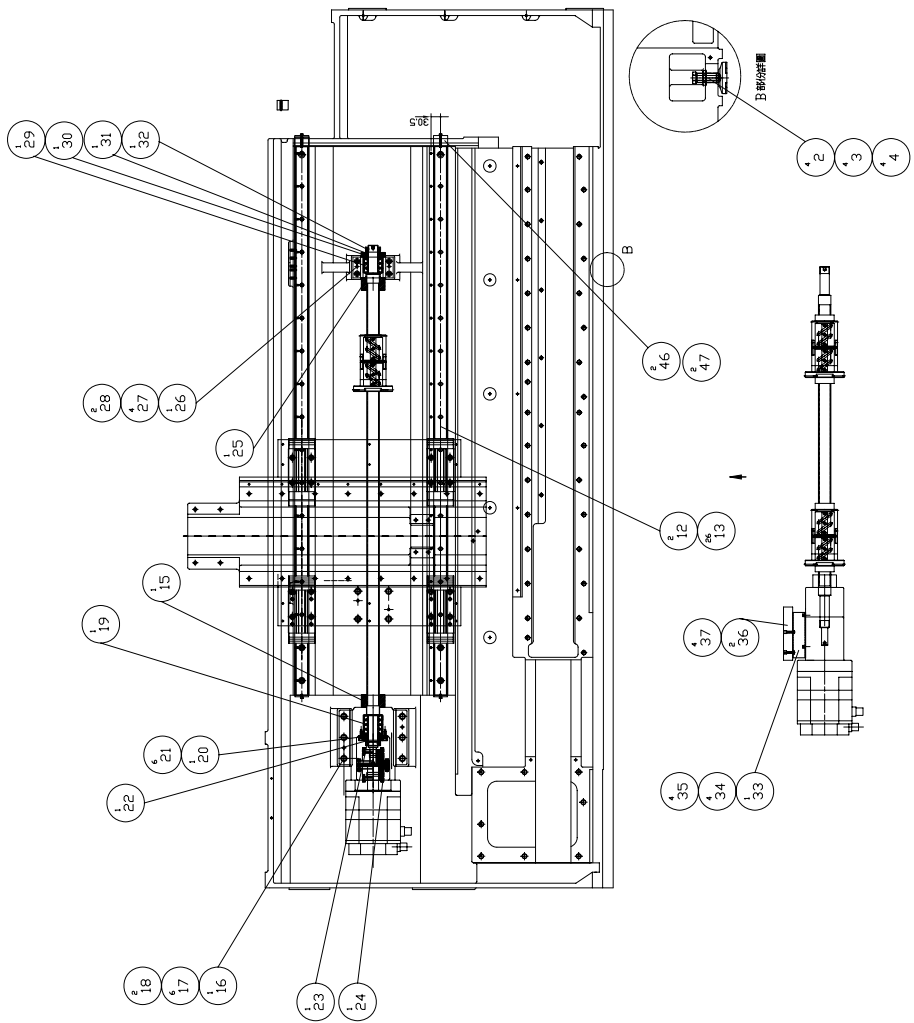
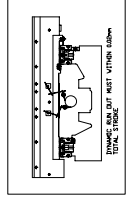
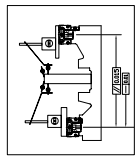
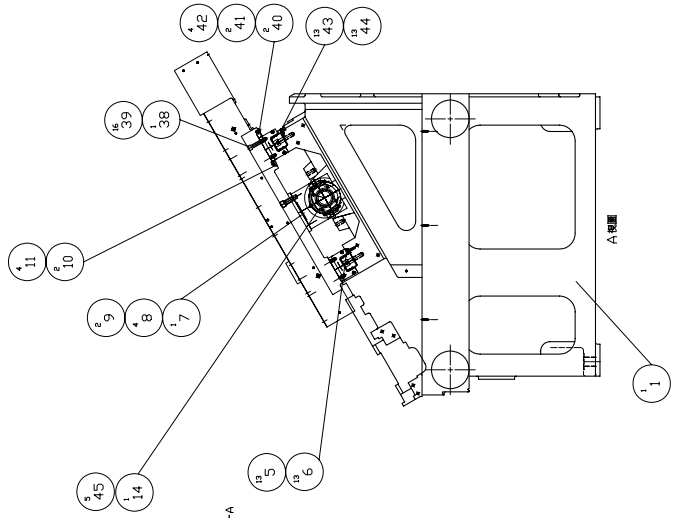
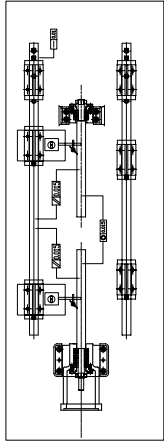
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00 MS 0103618	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL20	6.00	EA
22.00 NV 000179920A	SPACER, SUPPORT BRG(HI-TORQUE)	間隔圈(高扭力)	D55xd30xL25	1.00	EA
23.00 NV 000049206A	LOCKNUT	鎖緊螺帽	[SHIANG KAIJ]M30X1.5	1.00	EA
24.00 BL 001179200C	COUPLING(FANUC)	聯軸器(FANUC)	D104xd20xL98	1.00	EA
25.00 BL 000691604C	BUMPER(Z-AXIS)	止動環(Z軸)	D75xd41xL55	1.00	EA
26.00 NVA001117604A	HOUSING, BEARING(D32)	XYZ軸承座(D32)	L128xW66xH80	1.00	EA
27.00 MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	4.00	EA
28.00 NV 00032530104	TAPER PIN	斜銷	D8x60L	2.00	EA
29.00 NV 00002660110	BEARING, BALL SCREW SUPPORT	滾珠導桿斜角滾珠軸承	NSK 30TAC62BDFDC10PN7B (3PCS/S)	1.00	ST
30.00 NVA001011554A	COVER,BALLSCREW(HI-TORQUE)	軸承座蓋(高扭力、標準型共用)	W76xd45.5xL20	1.00	EA
31.00 NVA000179919A	SPACER(HI-TORQUE)	間隔圈(高扭力)	D45xd30xL25	1.00	EA
32.00 NV 000049206A	LOCKNUT	鎖緊螺帽	[SHIANG KAIJ]M30X1.5	1.00	EA
33.00 BL 001011539C	RAIL SEAT	Z軸伸縮護蓋滑道座	L180xW149.5xH41	1.00	ST
34.00 MS 0103514	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL8	4.00	EA
35.00 MW 0183510	SPRING WASHER	彈簧墊圈	M5	4.00	EA
36.00 BL 000299010A	RAIL	滑道	L115xW30xH12	2.00	EA
37.00 MS 0103519	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL25	4.00	EA
38.00 BLA000195400C	SADDLE	鞍座	L950.5xW593xH135.8	1.00	EA
39.00 MS 0104024	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL50	16.00	EA
40.01 BL 000648101A	GIB, GUIDE TRUCK	調整板	L80xW15xH10	2.00	EA
41.00 NV 000199038D	RETAINER, GIB SHIM	壓板	L80xW27xH2	2.00	EA
42.00 MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	4.00	EA
43.00 BL 001059000A	RETAINER, WEDGE	楔塊	L20xW17.5xH7.5	13.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
44.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	13.00	EA
45.00	MS 0104019	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL25	5.00	EA

REV	DESCRIPTION	DATE	ECN
0	新形試製	2005/12/8	REL F0000
1	INV 00064810D->ZL 00064810A [2006/11/3]00025		



MODEL: TALENT 8/66L 10/78L	PART NUMBER
Z-AXIS CARRIAGE(SELF LUB.)	BL 00013001F
Z軸傳動(自潤式)	PAGE 1 OF 1
DATE 2005/12/8	SCALE 1:23
DATE 2005/12/8	REV. 1

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013001F

Description: Z-AXIS CARRIAGE(STD.)

Z 軸傳動(STD)

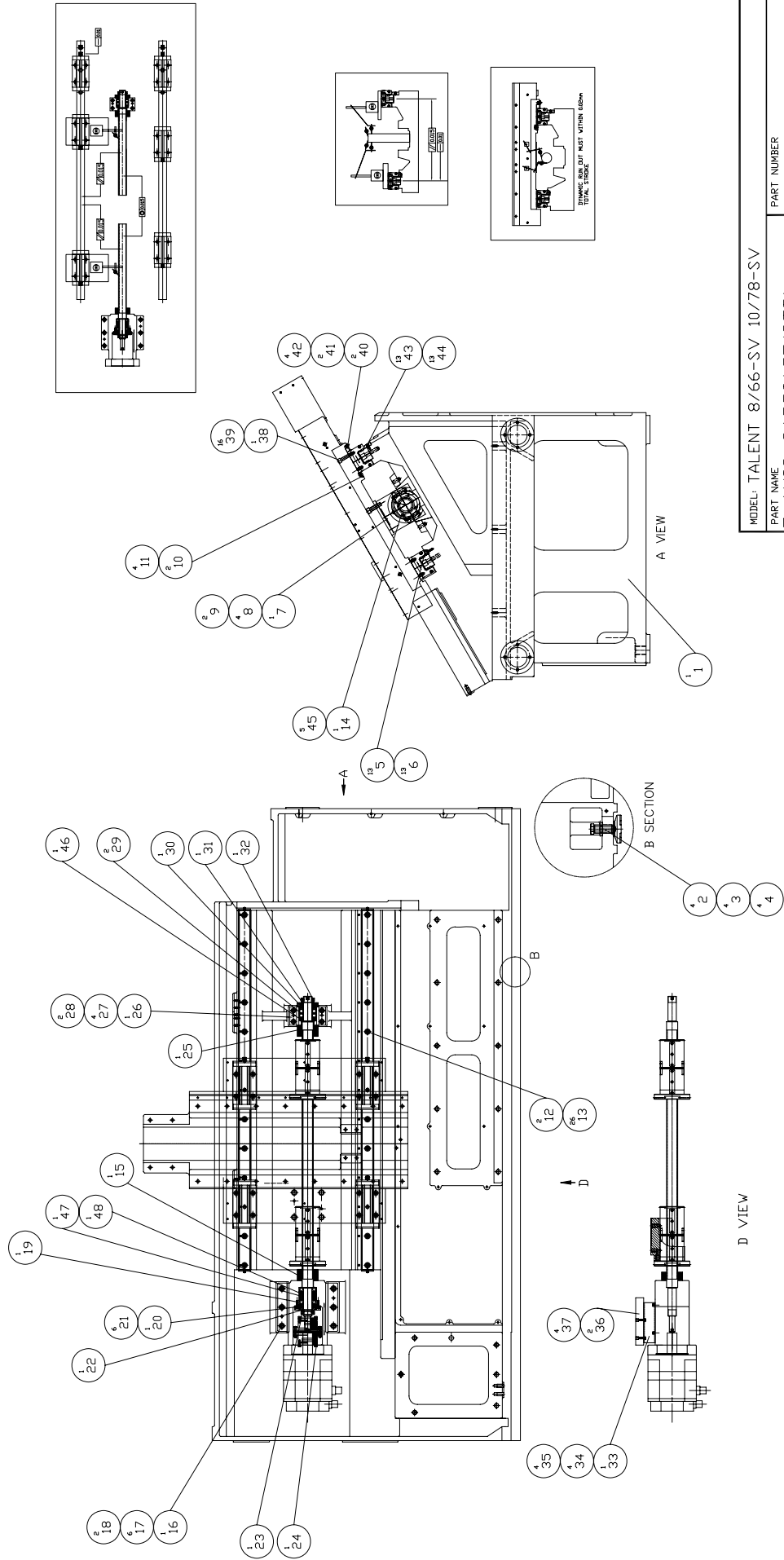
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1.03	BL 000026200F	BASE	底座	L2807xW1018xH1003	1.00	EA
2.00	NV 300199020A	PAD	墊塊	D100xL30	4.00	EA
3.00	NV 000668409A	SCREW, LEVELING	水平調整螺絲	W32xL87*P2	4.00	EA
4.00	NV 000049212A	NUT	螺帽	W41xL10	4.00	EA
5.00	NV 001059000D	RETAINER, WEDGE	楔塊	L20xW18.5xH9.5	13.00	EA
6.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	13.00	EA
7.00	BL 001066102C	BRACKET, BALLSCREW	Z軸導桿托架	L137xW138xH128	1.00	EA
8.00	MS 0104423	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M14XP2.0XL45	4.00	EA
9.00	NV 00032530104	TAPER PIN	斜銷	D8x60L	2.00	EA
10.00	NV 001059001D	RETAINER, WEDGE	楔塊	L80xW18.5xH9.5	2.00	EA
11.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	4.00	EA
12.00	BL 000831601F	LINEAR GUIDE, Z-AXIS(SELF LUB.	Z軸線性滑軌(自潤式)	[NSK] LA451759BNC2V01K54-P5Z4	2.00	ST
13.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	16.00	EA
14.00	BL 000190203F	BALL SCREW, Z-AXIS	Z軸滾珠導螺桿	[PMIJR40-10E1-FDWC-1346-1657-0	1.00	ST
15.00	BL 000691601C	BUMPER(Z-AXIS)	止動環(Z軸)	D75xd41xL40	1.00	EA
16.00	BL 001066106C	SEAT, MOTOR(Z-AXIS)	馬達座(Z軸)	L267.5xW216xH174	1.00	EA
17.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	6.00	EA
18.00	NV 00032530104	TAPER PIN	斜銷	D8x60L	2.00	EA
19.00	NV 00002660109	BEARING, BALL SCREW SUPPORT	滾珠導桿斜角滾珠軸承	NSK 30TAC62BDFFC10PN7B (4PCS/S	1.00	ST
20.00	NV 001011508A	COVER,BALLSCREW	軸蓋	D92xd51xL21.5	1.00	EA



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00 MS 0103618	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL20	6.00	EA
22.00 NV 000179920A	SPACER, SUPPORT BRG(HI-TORQUE)	間隔圈(高扭力)	D55xd30xL25	1.00	EA
23.00 NV 000049206A	LOCKNUT	鎖緊螺帽	[SHIANG KAJI]M30X1.5	1.00	EA
24.00 BL 001179200C	COUPLING(FANUC)	聯軸器(FANUC)	D104xd20xL98	1.00	EA
25.00 BL 000691601C	BUMPER(Z-AXIS)	止動環(Z軸)	D75xd41xL40	1.00	EA
26.00 NVA001117604A	HOUSING, BEARING(D32)	XYZ軸承座(D32)	L128xW66xH80	1.00	EA
27.00 MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	4.00	EA
28.00 NV 00032530104	TAPER PIN	斜銷	D8x60L	2.00	EA
29.00 NV 00002660110	BEARING, BALL SCREW SUPPORT	滾珠導桿斜角滾珠軸承	NSK 30TAC62BDFDC10PN7B (3PCS/S)	1.00	ST
30.00 NVA001011554A	COVER,BALLSCREW(HI-TORQUE)	軸承座蓋(高扭力、標準型共用)	W76xd45.5xL20	1.00	EA
31.00 NVA000179919A	SPACER(HI-TORQUE)	間隔圈(高扭力)	D45xd30xL25	1.00	EA
32.00 NV 000049206A	LOCKNUT	鎖緊螺帽	[SHIANG KAJI]M30X1.5	1.00	EA
38.00 BLA000195400C	SADDLE	鞍座	L950.5xW593xH135.8	1.00	EA
39.00 MS 0104024	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL50	16.00	EA
40.01 BL 000648101A	GIB, GUIDE TRUCK	調整板	L80xW15xH10	2.00	EA
41.00 NV 000199038D	RETAINER, GIB SHIM	壓板	L80xW27xH2	2.00	EA
42.00 MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	4.00	EA
43.00 BL 001059000A	RETAINER, WEDGE	楔塊	L20xW17.5xH7.5	13.00	EA
44.00 MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	13.00	EA
45.00 MS 0104019	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL25	5.00	EA

REV	DESCRIPTION	DATE	ECN
0		2005/11/11	BL000078



MODEL: TALENT 8/66-SV 10/78-SV	PART NUMBER	REV. 0
Z-AXIS CARRIAGE(STD)	BL 00013007J	
Z軸傳動車(S T D)	PAGE 1 OF 1	
DATE 2005/11/11	SCALE 1:23	

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000013007J  
Description: Z-AXIS CARRIAGE(STD.)  
Z 軸傳動(STD.)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.02	BL 000026200C	BASE	底座	L2295xW1019.51xH989	1.00	EA
2.00	NV 300199020A	PAD	墊塊	D100xL30	4.00	EA
3.00	NV 000668409A	SCREW, LEVELING	水平調整螺絲	W32xL87*P2	4.00	EA
4.00	NV 000049212A	NUT	螺帽	W41xL10	4.00	EA
5.00	NV 001059000D	RETAINER, WEDGE	楔塊	L20xW18.5xH9.5	13.00	EA
6.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	13.00	EA
7.00	BL 001066102J	BRACKET, BALLSCREW	Z軸導桿托架	L154xW122xH128	1.00	EA
8.00	MS 0104423	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M14XP2.0XL45	4.00	EA
9.00	NV 00032530104	TAPER PIN	斜銷	D8x60L	2.00	EA
10.00	NV 001059001D	RETAINER, WEDGE	楔塊	L80xW18.5xH9.5	2.00	EA
11.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	4.00	EA
12.00	BL 000831605J	LINEAR GUIDE, Z-AXIS	Z軸線性滑軌	[AMT]MSA45LS2SSF1A+R1299-16.5/	2.00	ST
13.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	16.00	EA
14.00	BL 000190203J	BALL SCREW, Z-AXIS	Z軸滾珠導螺桿	[PMIJR40-16B2-FDWE-896-1207-C5	1.00	ST
15.00	BL 000691601C	BUMPER(Z-AXIS)	止動環(Z軸)	D75xd41xL40	1.00	EA
16.00	BL 001066106C	SEAT, MOTOR(Z-AXIS)	馬達座(Z軸)	L267.5xW216xH174	1.00	EA
17.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	6.00	EA
18.00	NV 00032530104	TAPER PIN	斜銷	D8x60L	2.00	EA
19.00	BL 00002660115	BEARING, BALL SCREW SUPPORT(TC	導桿支撐軸承(TC66E/TC78E)	[NSK] 30TAC62BDFDC10PN7B(2PCS/	1.00	ST
20.00	NV 001011508A	COVER,BALLSCREW	軸蓋	D92xd51xL21.5	1.00	EA

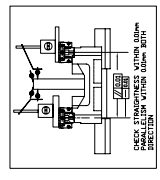
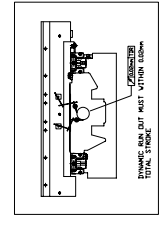
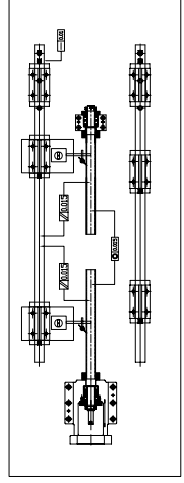
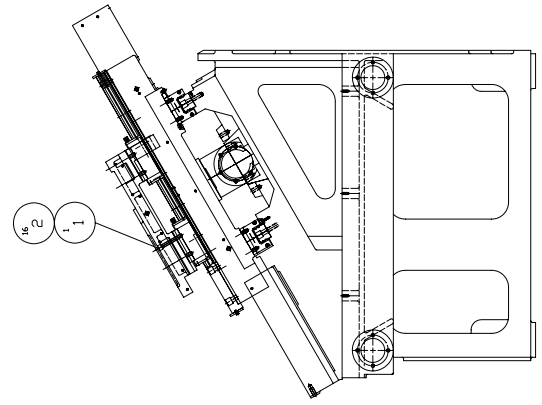
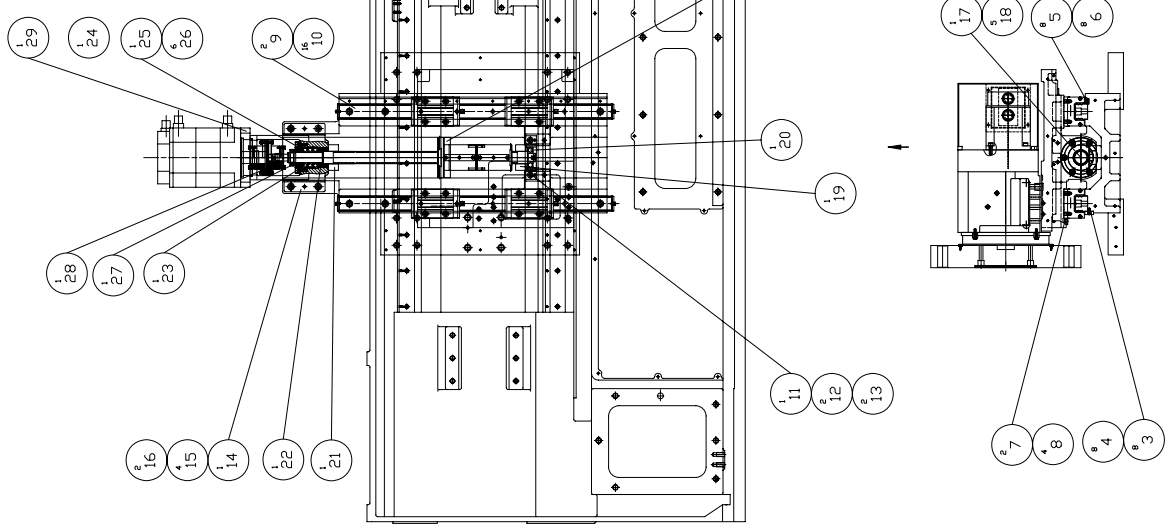
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	MS 0103618	六角穴圓頭螺絲	M6xP1.0xL20	6.00	EA
22.00	NV 000179920A	間隔圈(高扭力)	D55xd30xL25	1.00	EA
23.00	NV 000049206A	鎖緊螺帽	[SHIANG KAJI]M30X1.5	1.00	EA
24.00	BL 001179200C	聯軸器(FANUC)	D104xd20xL98	1.00	EA
25.00	BL 000691601C	止動環(Z軸)	D75xd41xL40	1.00	EA
26.00	NVA001117604A	XYZ軸承座(D32)	L128xW66xH80	1.00	EA
27.00	MS 0104222	六角穴圓頭螺絲	M12XP1.75XL40	4.00	EA
28.00	NV 00032530104	斜銷	D8x60L	2.00	EA
29.00	NV 00002660303	深溝滾珠軸承	6002ZZ	2.00	EA
30.00	NVA001011554A	軸承座蓋(高扭力、標準型共用)	W76xd45.5xL20	1.00	EA
31.00	NVA000179919A	間隔圈(高扭力)	D45xd30xL25	1.00	EA
32.00	NV 000049206A	鎖緊螺帽	[SHIANG KAJI]M30X1.5	1.00	EA
33.00	BL 001011539C	Z軸伸縮護蓋滑道座	L180xW149.5xH41	1.00	ST
34.00	MS 0103514	六角穴圓頭螺絲	M5xP0.8xL8	4.00	EA
35.00	MW 0183510	彈簧墊圈	M5	4.00	EA
36.00	BL 000299010A	滑道	L115xW30xH12	2.00	EA
37.00	MS 0103519	六角穴圓頭螺絲	M5xP0.8xL25	4.00	EA
38.00	BLA000195400C	鞍座	L950.5xW593xH135.8	1.00	EA
39.00	MS 0104024	六角穴圓頭螺絲	M10xP1.5xL50	16.00	EA
40.01	BL 000648101A	調整板	L80xW15xH10	2.00	EA
41.00	NV 000199038D	壓板	L80xW27xH2	2.00	EA
42.00	MS 0103617	六角穴圓頭螺絲	M6xP1.0xL16	4.00	EA
43.00	BL 001059000A	楔塊	L20xW17.5xH7.5	13.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
44.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	13.00	EA
45.00	MS 0104019	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL25	5.00	EA
46.00	BL 000179920J	SPACER, SPINDLE	間隔圈	D60xd30xL14	1.00	EA
47.00	BL 000179918J	INTERNAL SPACER, SPINDLE	內間隔圈	D42xd30xL30	1.00	EA
48.00	BL 000179919J	EXTERNAL SPACER, SPINDLE	外間隔圈	D62xd48xL30	1.00	EA

REV	DESCRIPTION	DATE	ECN
0		2005/11/11	BL00013008J



MODEL: TALENT 8/66-SV 10/78-SV	
PART NAME	PART NUMBER
X-AXIS CARRIAGE<STD>	BL 00013008J
X 車軸傳動車架<STD>	PAGE 1 OF 1
DATE 2005/11/11	REV. 0
SCALE 1:23	

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013008J

Description: X-AXIS CARRIAGE(STD.)

X 軸傳動(STD.)

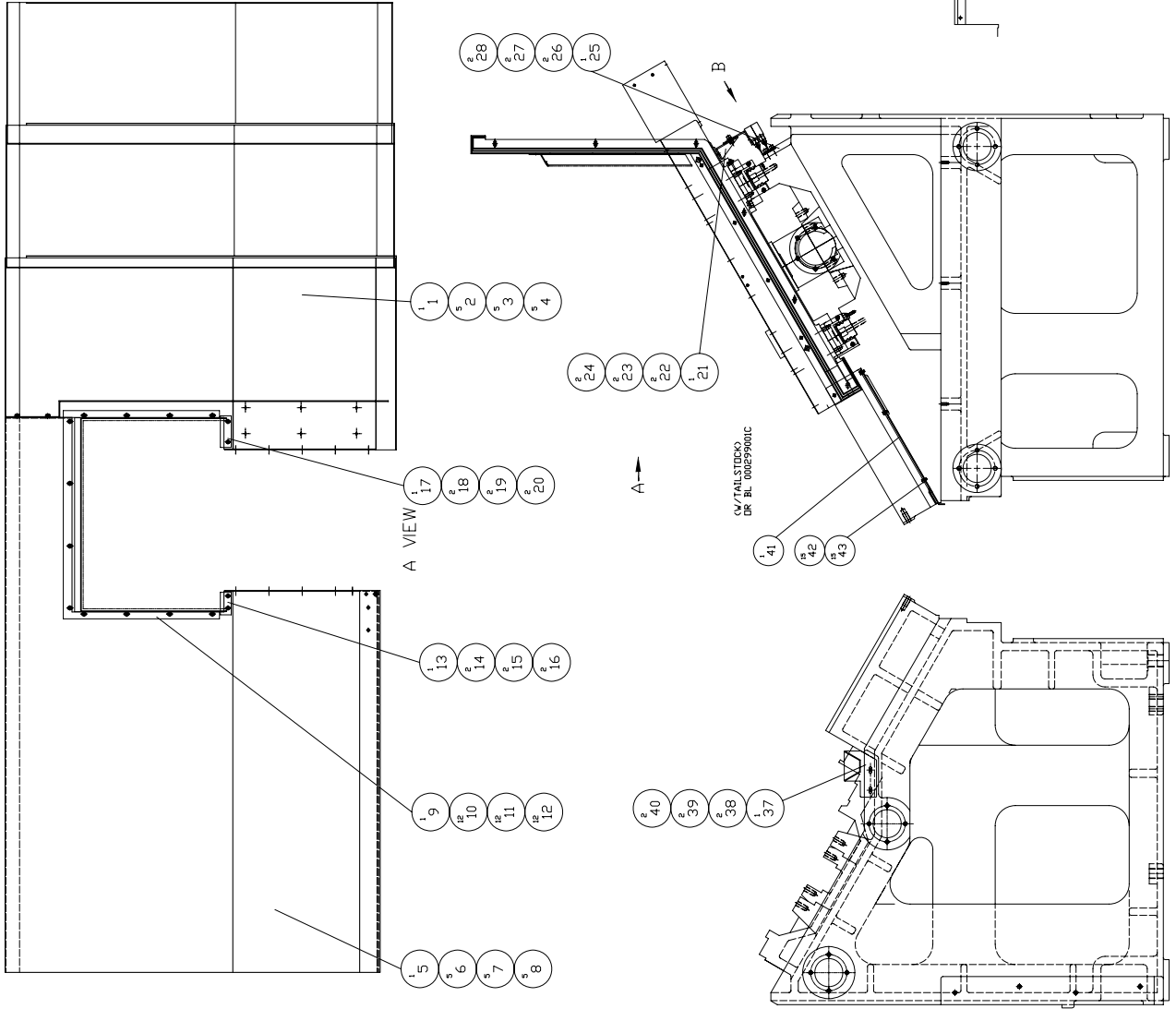
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BLA000720200C	SLZDE	滑板	L463.5xW458xH161	1.00	EA
2.00	MS 0104024	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL50	16.00	EA
3.00	BL 001059000A	RETAINER, WEDGE	楔塊	L20xW17.5xH7.5	8.00	EA
4.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	8.00	EA
5.00	NV 001059000D	RETAINER, WEDGE	楔塊	L20xW18.5xH9.5	8.00	EA
6.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	8.00	EA
7.00	NV 001059001D	RETAINER, WEDGE	楔塊	L80xW18.5xH9.5	2.00	EA
8.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	4.00	EA
9.00	BL 000831604J	LINEAR GUIDE, X-AXIS	X軸線性滑軌	[AMT]MSA45S2SSF1A+R800-35/30P II	2.00	ST
10.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	16.00	EA
11.00	BL 001117601C	HOUSING, BEARING(X-AXIS)	軸承座(X軸)	L128xW31xH23	1.00	EA
12.00	MS 0104020	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL30	2.00	EA
13.00	NV 00032530103	TAPER PIN	斜銷	Φ6x32L	2.00	EA
14.02	BLA001066101C	SEAT, MOTOR(X-AXIS FANUC)	馬達座(X軸)	L228.5xW200xH130	1.00	EA
15.00	MS 0104222	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M12XP1.75XL40	4.00	EA
16.00	NV 00032530104	TAPER PIN	斜銷	D8x60L	2.00	EA
17.00	BL 000190202J	BALL SCREW, X-AXIS	X軸滾珠導螺桿	[PMI] R36-16B2-FDWE-547.5-781-	1.00	ST
18.00	MS 0104019	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL25	5.00	EA
19.00	BL 000691600C	BUMPER(X-AXIS)	止動環(X軸)	D75xd37xL30	1.00	EA
20.00	BL 00002660303	BALL BEARING(TC52A/TC78)	深溝滾珠軸承(TC52A/TC78,X軸無預拉使用)	6206ZZ	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 000691600C BUMPER(X-AXIS)	止動環(X軸)	D75xd37xL30	1.00	EA
23.00	NV 00002660110 BEARING, BALL SCREW SUPPORT	滾珠導桿斜角滾珠軸承	NSK 30TAC62BDFDC10PN7B (3PCS/S)	1.00	ST
24.00	NV 000179920A SPACER, SUPPORT BRG(HI-TORQUE)	間隔圈(高扭力)	D55xd30xL25	1.00	EA
25.00	NV 001011508A COVER,BALLSCREW	軸蓋	D92xd51xL21.5	1.00	EA
26.00	MS 0103618 SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL20	6.00	EA
27.00	NV 000049206A LOCKNUT	鎖緊螺帽	[SHIANG KAJI]M30X1.5	1.00	EA
28.00	BL 001179200C COUPLING(FANUC)	聯軸器(FANUC)	D104xd20xL98	1.00	EA
29.00	BL 001066151J PLATE, X-AXIS MOTOR SEAT(FANUC)	馬達座墊板(X軸)	L174xW174xH34	1.00	EA
30.00	BL 001108388J SHIM, X-AXIS BALLSCREW	X軸導桿墊片	D118xd78xH19	1.00	EA



REV	DESCRIPTION	DATE	ECN
A		2003/02/21	BL015



MODEL: TALENT 8/66 10/78	PART NUMBER
PART NAME	BL 000013003C
Z-AXIS INTERNAL SHIELD	PAGE 1 OF 1
Z-内防射線板金	REV. A
DATE 2003/7/21	SCALE 1:19

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013003C

Description: Z-AXIS INTERNAL SHIELD

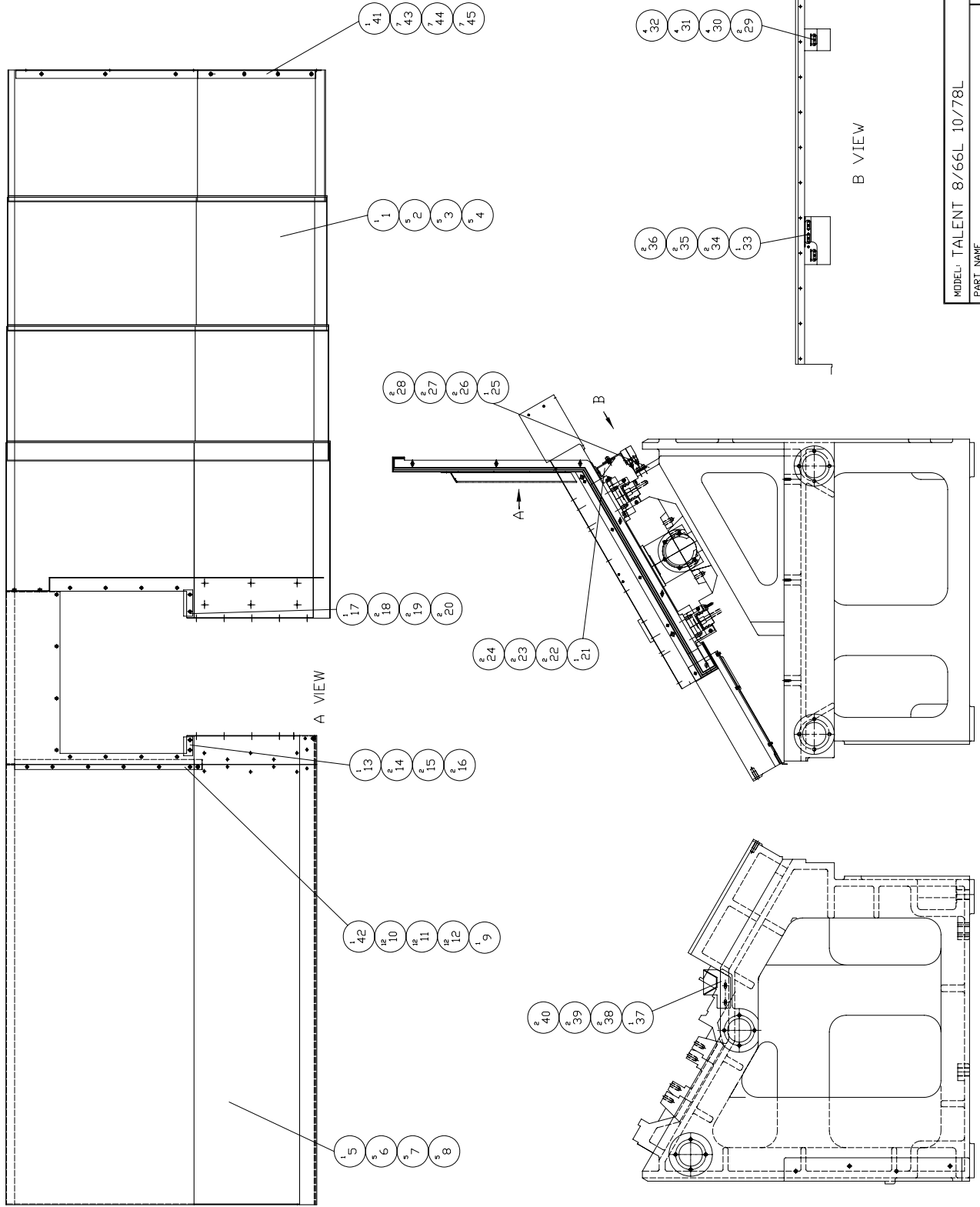
Z-內防濺板金

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BLA001011527C	WAYCOVER, Z-AXIS REAR	Z軸後伸縮護蓋	L111.57xW972.2xH905.2	1.00	EA
2.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	5.00	EA
3.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	5.00	EA
4.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	5.00	EA
5.00	BL 001011528C	WAYCOVER, X-AXIS FRONT	Z軸前伸縮護蓋	L1379xW931.65xH590.58	1.00	ST
6.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	5.00	EA
7.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	5.00	EA
8.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	5.00	EA
9.00	BL 000805012C	WIPER ASSM	刮刷片(KEYARROW)	ASSM	1.00	ST
10.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	12.00	EA
11.00	MW 0183510	SPRING WASHER	彈簧墊圈	M5	12.00	EA
12.00	MW 0103510	FLAT WASHER	平墊圈	M5	12.00	EA
13.00	BL 000805003C	WIPER	刮刷片	L56xW27xH2	1.00	EA
14.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	2.00	EA
15.00	MW 0183510	SPRING WASHER	彈簧墊圈	M5	2.00	EA
16.00	MW 0103510	FLAT WASHER	平墊圈	M5	2.00	EA
17.00	BL 000805004C	WIPER	刮刷片	L78.5xW27xH2	1.00	EA
18.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	2.00	EA
19.00	MW 0183510	SPRING WASHER	彈簧墊圈	M5	2.00	EA
20.00	MW 0103510	FLAT WASHER	平墊圈	M5	2.00	EA

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 000199061C	SEAT, Z-AXIS SWITCH	Z軸開關座	1.00	ST
22.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	2.00	EA
23.00	MW 0183610	SPRING WASHER	彈簧墊圈	2.00	EA
24.00	MW 0103610	FLAT WASHER	平墊圈	2.00	EA
25.00	BL 000199062C	SEAT, Z-AXIS SWITCH	Z軸開關座	1.00	ST
26.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	2.00	EA
27.00	MW 0183610	SPRING WASHER	彈簧墊圈	2.00	EA
28.00	MW 0103610	FLAT WASHER	平墊圈	2.00	EA
29.00	NV 000199023A	DOG	終點定位塊	2.00	EA
30.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	4.00	EA
31.00	MW 0183610	SPRING WASHER	彈簧墊圈	4.00	EA
32.00	MW 0103610	FLAT WASHER	平墊圈	4.00	EA
33.00	NV 000199024A	ORIGIN DOG	原點定位塊	1.00	EA
34.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	2.00	EA
35.00	MW 0183610	SPRING WASHER	彈簧墊圈	2.00	EA
36.00	MW 0103610	FLAT WASHER	平墊圈	2.00	EA
37.00	BL 000199042C	COVER	蓋板	1.00	EA
38.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	2.00	EA
39.00	MW 0183610	SPRING WASHER	彈簧墊圈	2.00	EA
40.00	MW 0103610	FLAT WASHER	平墊圈	2.00	EA
42.00	MS 0103514	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	15.00	EA
43.00	MW 0183510	SPRING WASHER	彈簧墊圈	15.00	EA

REV	DESCRIPTION	DATE	ECN
0		2005/11/25	REL F0000



MODEL: TALENT 8/66L 10/78L	PART NUMBER
Z-AXIS INTERNAL SHIELD	BL 000013003F
Z - 内防シールド板金	PAGE 1 OF 1
DATE 2005/11/25	REV. 0
SCALE 1:19	

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013003F

Description: Z-AXIS INTERNAL SHIELD

Z-內防濺板金

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 001011527F	WAYCOVER, X-AXIS REAR	Z軸後伸縮護蓋	L1150xW967.2xH661.3	1.00	ST
2.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	5.00	EA
3.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	5.00	EA
4.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	5.00	EA
5.00	BL 001011528F	WAYCOVER, X-AXIS FRONT	Z軸前伸縮護蓋	L1312.5xW631.1xH562	1.00	ST
6.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	5.00	EA
7.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	5.00	EA
8.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	5.00	EA
9.00	BL 000805012C	WIPER ASSM	刮刷片(KEYARROW)	ASSM	1.00	ST
10.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	12.00	EA
11.00	MW 0183510	SPRING WASHER	彈簧墊圈	M5	12.00	EA
12.00	MW 0103510	FLAT WASHER	平墊圈	M5	12.00	EA
13.00	BL 000805003C	WIPER	刮刷片	L56xW27xH2	1.00	EA
14.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	2.00	EA
15.00	MW 0183510	SPRING WASHER	彈簧墊圈	M5	2.00	EA
16.00	MW 0103510	FLAT WASHER	平墊圈	M5	2.00	EA
17.00	BL 000805004C	WIPER	刮刷片	L78.5xW27xH2	1.00	EA
18.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	2.00	EA
19.00	MW 0183510	SPRING WASHER	彈簧墊圈	M5	2.00	EA
20.00	MW 0103510	FLAT WASHER	平墊圈	M5	2.00	EA

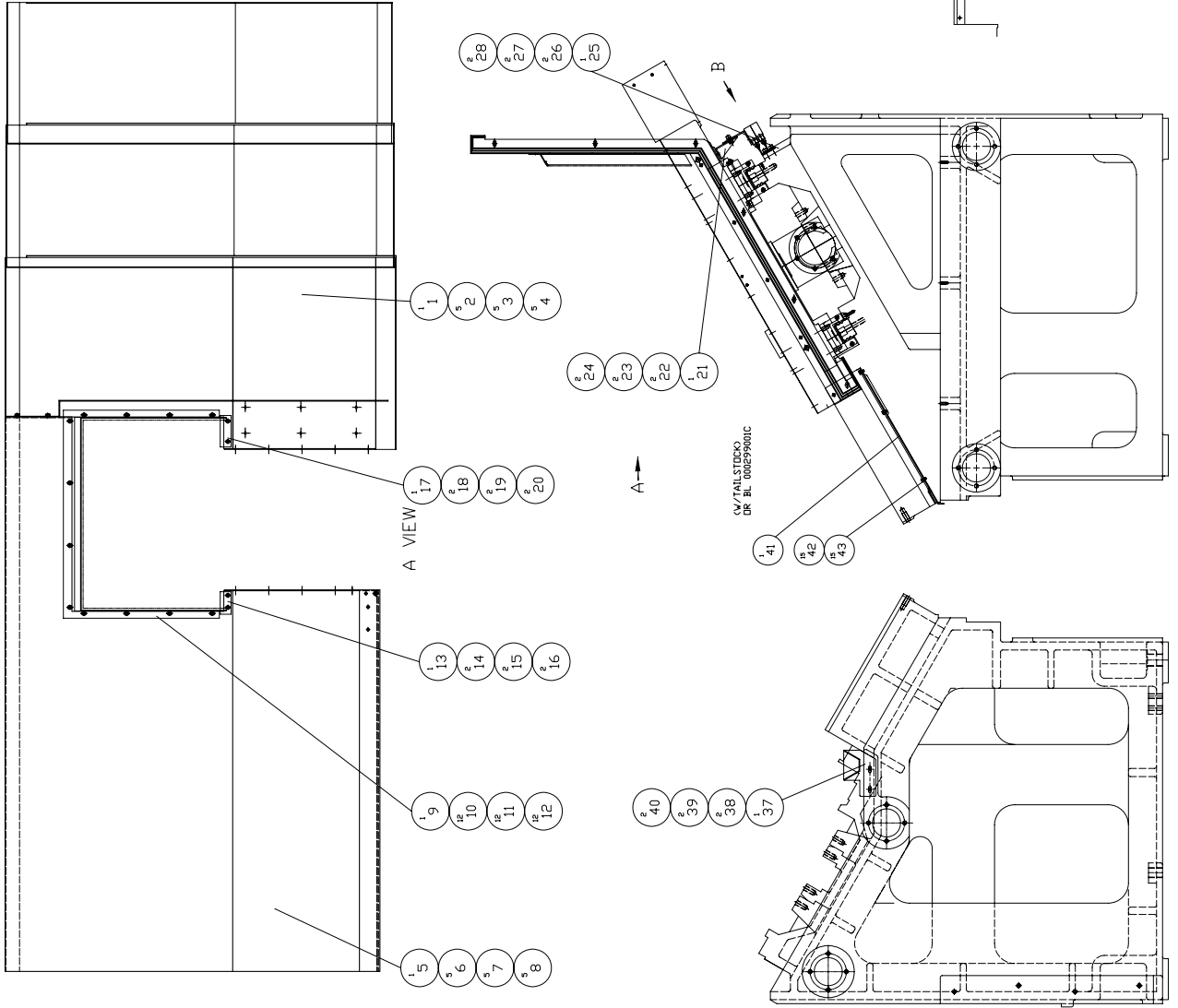
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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 000199061C	SEAT, Z-AXIS SWITCH	Z軸開關座	1.00	ST
22.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	2.00	EA
23.00	MW 0183610	SPRING WASHER	彈簧墊圈	2.00	EA
24.00	MW 0103610	FLAT WASHER	平墊圈	2.00	EA
25.00	BL 000199062C	SEAT, Z-AXIS SWITCH	Z軸開關座	1.00	ST
26.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	2.00	EA
27.00	MW 0183610	SPRING WASHER	彈簧墊圈	2.00	EA
28.00	MW 0103610	FLAT WASHER	平墊圈	2.00	EA
29.00	NV 000199023A	DOG	終點定位塊	2.00	EA
30.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	4.00	EA
31.00	MW 0183610	SPRING WASHER	彈簧墊圈	4.00	EA
32.00	MW 0103610	FLAT WASHER	平墊圈	4.00	EA
33.00	NV 000199024A	ORIGIN DOG	原點定位塊	1.00	EA
34.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	2.00	EA
35.00	MW 0183610	SPRING WASHER	彈簧墊圈	2.00	EA
36.00	MW 0103610	FLAT WASHER	平墊圈	2.00	EA
37.00	BL 000199042C	COVER	蓋板	1.00	EA
38.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	2.00	EA
39.00	MW 0183610	SPRING WASHER	彈簧墊圈	2.00	EA
40.00	MW 0103610	FLAT WASHER	平墊圈	2.00	EA
41.00	BL 000599096F	LINKAGE PLATE OF WAY COVER	伸縮護蓋連接板	1.00	EA
42.00	BL 001011575F	LINKAGE PLATE,WAYCOVER OF Z-AX	Z軸前伸縮護蓋連接板	1.00	EA
43.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	7.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
44.00	MW 0183510	SPRING WASHER	彈簧墊圈	M5	7.00	EA
45.00	MW 0103510	FLAT WASHER	平墊圈	M5	7.00	EA

REV	DESCRIPTION	DATE	ECN
0		2005/11/14	RBLA0002



MODEL: TALENT 8/66-SV 10/78-SV	PART NUMBER
Z-AXIS INTERNAL SHIELD	BL 000013003J
Z - 内防シールド	PAGE 1 OF 1
DATE 2005/11/14	SCALE 1:1
	REV. 0



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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013003J

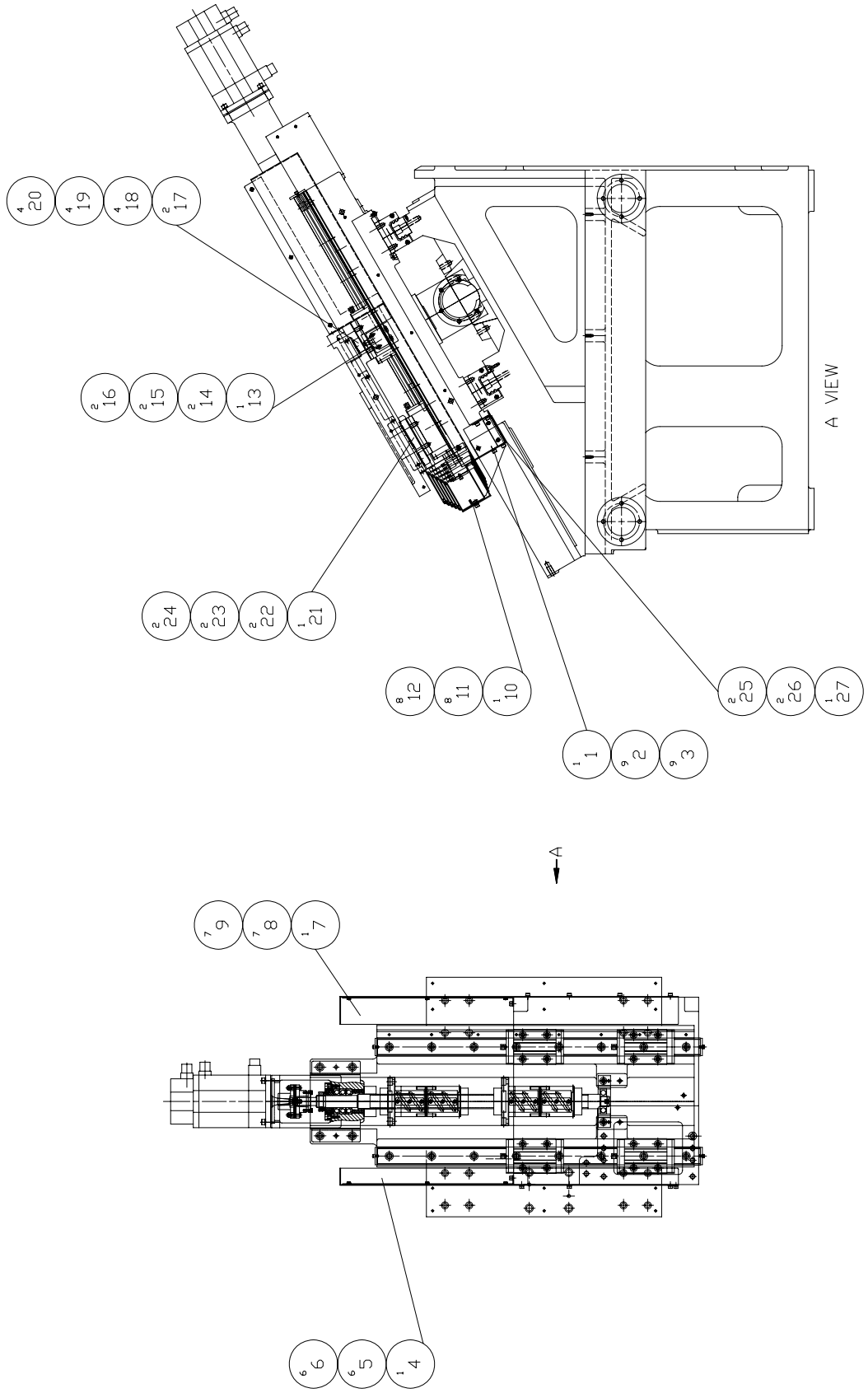
Description: Z-AXIS INTERNAL SHIELD  
Z-內防濺板金

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 001011527J	WAYCOVER, Z-AXIS REAR	Z軸後伸縮護蓋	L564.6xW761xH721	1.00	ST
2.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	5.00	EA
3.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	5.00	EA
4.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	5.00	EA
5.00	BL 001011528C	WAYCOVER, X-AXIS FRONT	Z軸前伸縮護蓋	L1379xW931.65xH590.58	1.00	ST
6.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	5.00	EA
7.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	5.00	EA
8.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	5.00	EA
9.00	BL 000805012C	WIPER ASSM	刮刷片(KEYARROW)	ASSM	1.00	ST
10.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	12.00	EA
11.00	MW 0183510	SPRING WASHER	彈簧墊圈	M5	12.00	EA
12.00	MW 0103510	FLAT WASHER	平墊圈	M5	12.00	EA
13.00	BL 000805003C	WIPER	刮刷片	L56xW27xH2	1.00	EA
14.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	2.00	EA
15.00	MW 0183510	SPRING WASHER	彈簧墊圈	M5	2.00	EA
16.00	MW 0103510	FLAT WASHER	平墊圈	M5	2.00	EA
17.00	BL 000805004C	WIPER	刮刷片	L78.5xW27xH2	1.00	EA
18.00	MS 0103516	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL12	2.00	EA
19.00	MW 0183510	SPRING WASHER	彈簧墊圈	M5	2.00	EA
20.00	MW 0103510	FLAT WASHER	平墊圈	M5	2.00	EA

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 000199061C	SEAT, Z-AXIS SWITCH	Z軸開關座	1.00	ST
22.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	2.00	EA
23.00	MW 0183610	SPRING WASHER	彈簧墊圈	2.00	EA
24.00	MW 0103610	FLAT WASHER	平墊圈	2.00	EA
25.00	BL 000199062C	SEAT, Z-AXIS SWITCH	Z軸開關座	1.00	ST
26.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	2.00	EA
27.00	MW 0183610	SPRING WASHER	彈簧墊圈	2.00	EA
28.00	MW 0103610	FLAT WASHER	平墊圈	2.00	EA
29.00	NV 000199023A	DOG	終點定位塊	2.00	EA
30.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	4.00	EA
31.00	MW 0183610	SPRING WASHER	彈簧墊圈	4.00	EA
32.00	MW 0103610	FLAT WASHER	平墊圈	4.00	EA
33.00	NV 000199024A	ORIGIN DOG	原點定位塊	1.00	EA
34.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	2.00	EA
35.00	MW 0183610	SPRING WASHER	彈簧墊圈	2.00	EA
36.00	MW 0103610	FLAT WASHER	平墊圈	2.00	EA
37.00	BL 000199042C	COVER	蓋板	1.00	EA
38.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	2.00	EA
39.00	MW 0183610	SPRING WASHER	彈簧墊圈	2.00	EA
40.00	MW 0103610	FLAT WASHER	平墊圈	2.00	EA
42.00	MS 0103514	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	15.00	EA
43.00	MW 0183510	SPRING WASHER	彈簧墊圈	15.00	EA

REV	DESCRIPTION	DATE	ECN
A	標準設計	2003/4/28	TC8/66L016
B	標準設計 00005000F.27 標準設計 TC-66L/78L	2007/4/28	S4C
C	L.27 標準設計 BL>BLA 標準設計	2009/1/17	S5C



MODEL: TC8/66 10/78 TC8/66L TC10/78L
PART NAME X-AXIS INTERNAL SHIELD
PART NUMBER BL 000013004C
X - 内防機鍍金
DATE 2003/7/18
SCALE 1:16
PAGE 1 OF 1
REV. C

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013004C

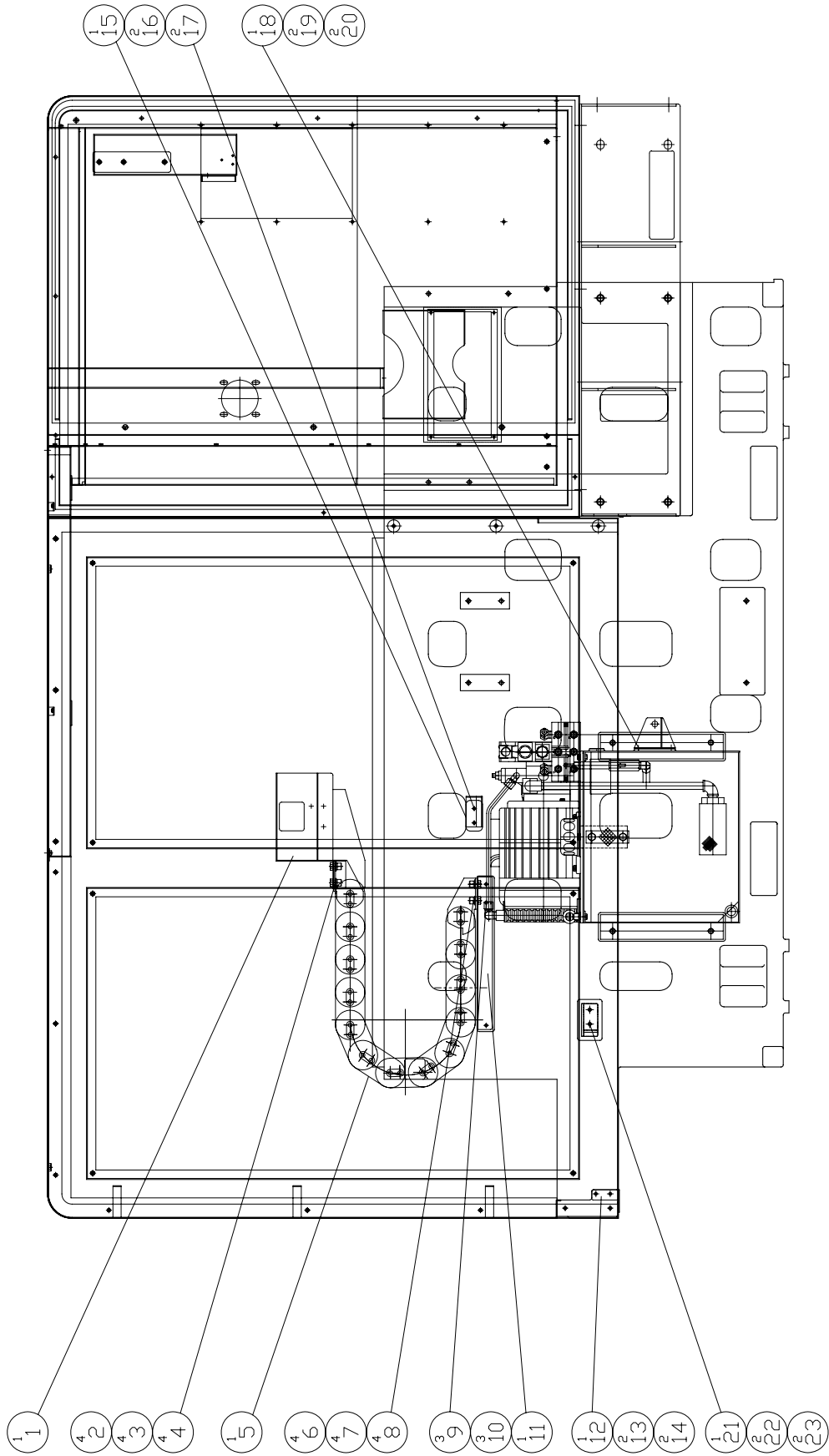
Description: X-AXIS INTERNAL SHIELD  
X-內防濺板金

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BLA000199049C	SUPPORT, WAYCOVER	支撐架	L365xW149xH182.5	1.00	EA
2.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	9.00	EA
3.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	9.00	EA
4.00	BL 001011510C	COVER, SLIDE	護蓋	L838.4xW156.3xH42.5	1.00	EA
5.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	6.00	EA
6.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	6.00	EA
7.00	BL 001011511C	COVER, SLIDE	護蓋	L838.4xW156.3xH42.5	1.00	EA
8.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	7.00	EA
9.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	7.00	EA
10.00	BLA001011506C	WAYCOVER, X-AXIS	X軸伸縮護蓋	L467.5xW466xH133.3	1.00	ST
11.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	8.00	EA
12.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	8.00	EA
13.00	BL 000199057C	SEAT, X-AXIS SWITCH	X軸開關座	L62.5xW55xH5	1.00	EA
14.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	2.00	EA
15.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
16.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	2.00	EA
17.00	NV 000199023A	DOG	終點定位塊	L35xW19xH20	2.00	EA
18.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	4.00	EA
19.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	4.00	EA
20.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	4.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	NV 000199024A	ORIGIN DOG	原點定位塊	L90xW19xH20	1.00	EA
22.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	2.00	EA
23.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
24.00	MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	2.00	EA
25.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
26.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
27.01	BLA000805000F	WIPER, WAYCOVER X-AXIS	刮刷片(X軸支撐架)	L75xW25xH5	1.00	EA

REV	DESCRIPTION	DATE	ECN
A	標準版	2003/12/1	TBL016



MODEL TALENT 8/66 10/78

PART NAME UTILITY CARRIER, Z-AXIS

PART NUMBER BL 001045303C

Z 軸運動護管

PAGE 1 OF 1

DATE 2003/7/31

SCALE 1:16

REV. A

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 001045303C

Description: UTILITY CARRIER, Z-AXIS  
Z軸連動護管

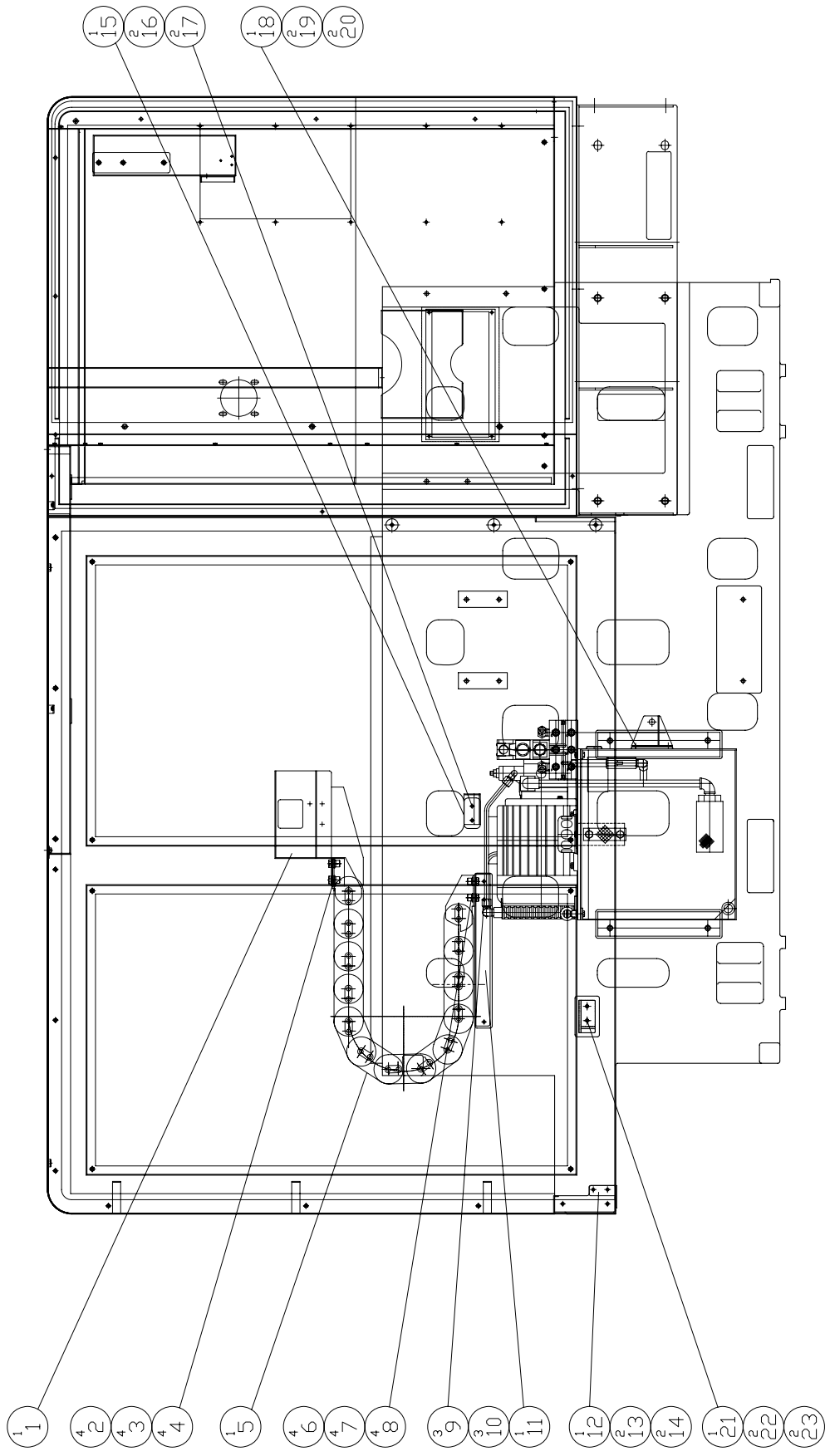
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.01	BL 000199017C	BOX, UTILITY CARRIER	護管接線盒	L283xW216.9xH259	1.00	ST
2.00	MS 0104018	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL20	4.00	EA
3.00	MW 0104010	FLAT WASHER	平墊圈	M10	4.00	EA
4.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	4.00	EA
5.00	BL 001162300C	UTILITY CARRIER, Z-AXIS	Z軸連動護管	CBO-55-50*150*350(12P)	1.00	ST
6.00	MS 0104018	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL20	4.00	EA
7.00	MW 0104010	FLAT WASHER	平墊圈	M10	4.00	EA
8.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	4.00	EA
9.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	3.00	EA
10.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	3.00	EA
11.00	BL 000199018A	FIXED SEAT, UTILITY CARRIER	護管固定座	L375xW196xH37.3	1.00	ST
13.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
14.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
15.00	BL 000199019A	FIXED PLATE, HYDRAULIC PIPE	油管固定座	L196xW75xH40	1.00	ST
16.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
17.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
18.00	BL 000199063A	BRACKET	固定座	L75xW100xH22.3	1.00	ST
19.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
20.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
21.00	BL 000399050C	SEAT, MANIFOLD BLOCK	油壓塊座	L260xW80xH40.4	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
22.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
23.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA



REV	DESCRIPTION	DATE	ECN
0	新機試製	2005/12/8	REL F0000



MODEL: TALENT 8/66L 10/78L

PART NAME  
UTILITY CARRIER, Z-AXIS

Z 軸運動機構管

PART NUMBER  
BL 001045303F

PAGE 1 OF 1

REV. 0

SCALE 1:16

DATE 2005/12/8

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 001045303F

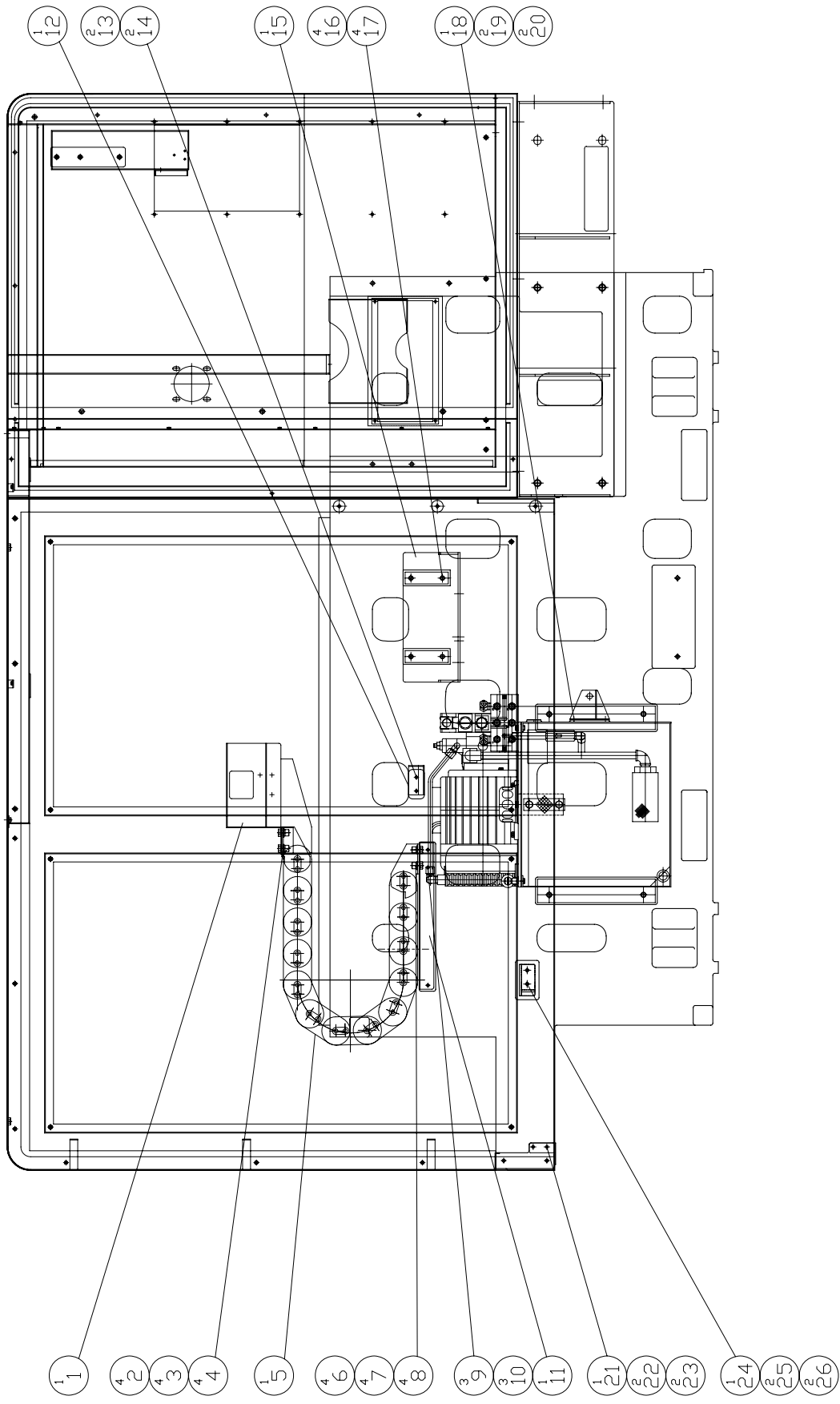
Description: UTILITY CARRIER, Z-AXIS  
Z軸連動護管

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.01	BL 000199017C	BOX, UTILITY CARRIER	護管接線盒	L283xW216.9xH259	1.00	ST
2.00	MS 0104018	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL20	4.00	EA
3.00	MW 0104010	FLAT WASHER	平墊圈	M10	4.00	EA
4.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	4.00	EA
5.00	BL 001162300F	UTILITY CARRIER, Z-AXIS	Z軸連動護管	CBO-55-50*150*350(14P)	1.00	ST
6.00	MS 0104018	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL20	4.00	EA
7.00	MW 0104010	FLAT WASHER	平墊圈	M10	4.00	EA
8.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	4.00	EA
9.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	3.00	EA
10.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	3.00	EA
11.00	BL 000199018A	FIXED SEAT, UTILITY CARRIER	護管固定座	L375xW196xH37.3	1.00	ST
13.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
14.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
15.00	BL 000199019A	FIXED PLATE, HYDRAULIC PIPE	油管固定座	L196xW75xH40	1.00	ST
16.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
17.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
18.00	BL 000199063A	BRACKET	固定座	L75xW100xH22.3	1.00	ST
19.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
20.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
21.00	BL 000399050C	SEAT, MANIFOLD BLOCK	油壓塊座	L260xW80xH40.4	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
22.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
23.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA

REV	DESCRIPTION	DATE	ECN
A	標準図	2003/1/29	TBL016G



MODEL	TALENT 8/66 10/78
PART NAME	UTILITY CARRIER, Z-AXIS(SIEMENS) Z軸運動装置(SIEMENS)
PART NUMBER	BL 001045303CC
PAGE	1 OF 1
DATE	2003/7/31
SCALE	1:16
REV.	A

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 001045303CC

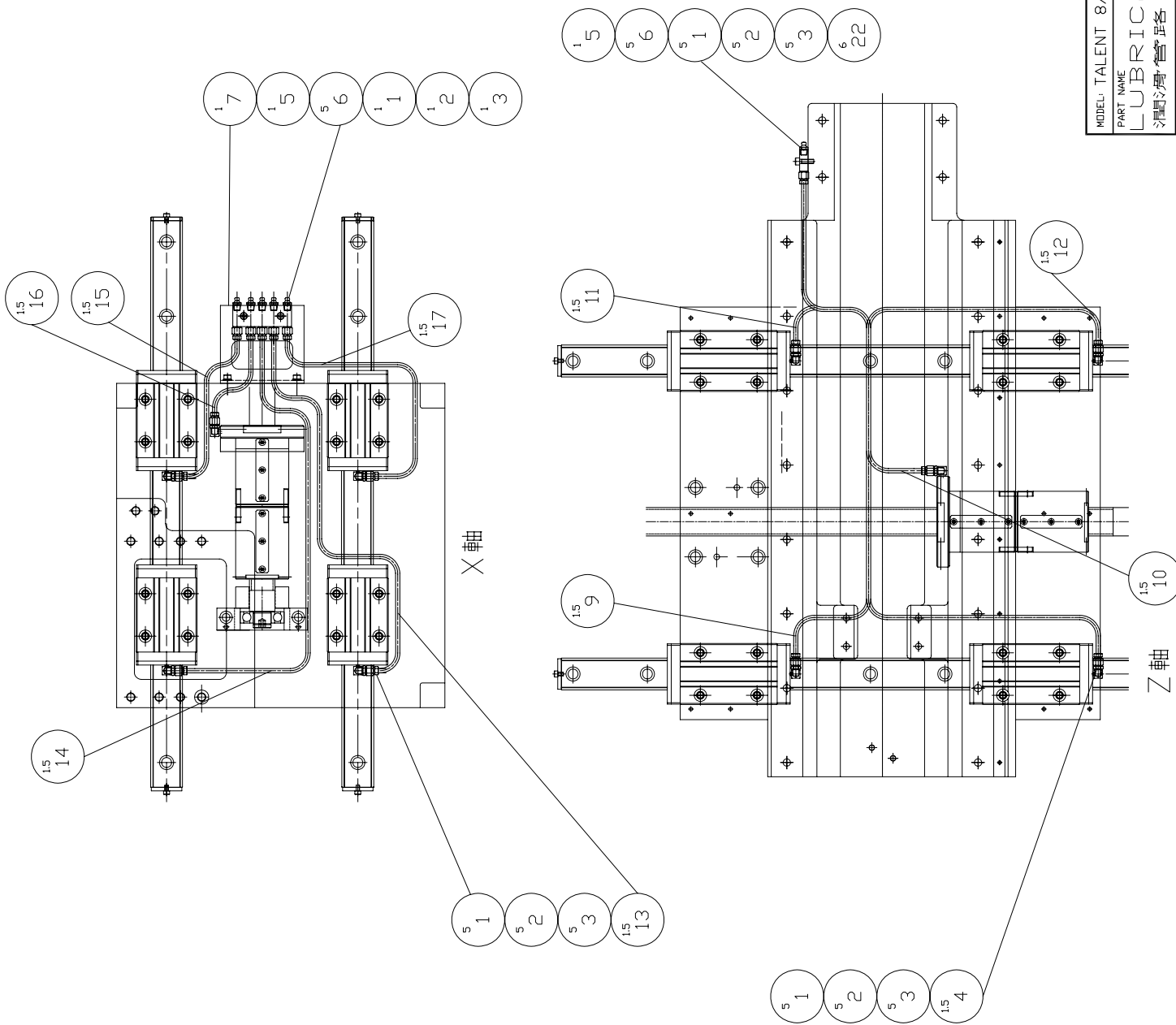
Description: UTILITY CARRIER, Z-AXIS(SIEMEN)  
Z軸連動護管(SIEMENS)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.01	BL 000199017C	BOX, UTILITY CARRIER	護管接線盒	L283xW216.9xH259	1.00	ST
2.00	MS 0104018	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL20	4.00	EA
3.00	MW 0104010	FLAT WASHER	平墊圈	M10	4.00	EA
4.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	4.00	EA
5.00	BL 001162300C	UTILITY CARRIER, Z-AXIS	Z軸連動護管	CBO-55-50*150*350(12P)	1.00	ST
6.00	MS 0104018	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL20	4.00	EA
7.00	MW 0104010	FLAT WASHER	平墊圈	M10	4.00	EA
8.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	4.00	EA
9.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	3.00	EA
10.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	3.00	EA
11.00	BL 000199018A	FIXED SEAT, UTILITY CARRIER	護管固定座	L375xW196xH37.3	1.00	ST
12.00	BL 000199019A	FIXED PLATE, HYDRAULIC PIPE	油管固定座	L196xW75xH40	1.00	ST
13.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
14.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
15.00	NV 000399048A	BRACKET, TRANSFORMER	變壓器固定座(6KVA)	L330xW310xH145	1.00	ST
16.00	MS 0104020	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M10xP1.5xL30	4.00	EA
17.00	MW 0184010	SPRING WASHER	彈簧墊圈	M10	4.00	EA
18.00	BL 000199063A	BRACKET	固定座	L75xW100xH22.3	1.00	ST
19.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
20.00	MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
22.00 MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
23.00 MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA
24.00 BL 000399050C	SEAT,MANIFOLD BLOCK	油壓塊座	L260xW80xH40.4	1.00	EA
25.00 MW 0183610	SPRING WASHER	彈簧墊圈	M6	2.00	EA
26.00 MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	EA

REV	DESCRIPTION	DATE	ECN
0	新仕様	2005/11/15	REL:AD002



MODEL: TALENT 8/66-SV 10/78-SV

PART NAME  
LUBRICATION

PART NUMBER  
BL 000013005J

DATE 2005/11/15

PAGE 1 OF 1

SCALE 1:16

REV. 0

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013005J

Description: LUBRICATION  
潤滑管路

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	20.00	EA
2.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	20.00	EA
3.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	20.00	EA
4.00	NV 00070070301	TUBING, NYLON	尼龍油管	D6Xd4	1.50	MT
5.00	NV 001023400D	MANIFOLD, LUBRICATION	分油塊	L83xW30xH12.7	2.00	EA
6.00	NV 00077030101	NIPPLE, GREASE FEED	牛油嘴	PT1/8	10.00	EA
7.00	BL 000199046A	BRACKET	分油塊座	L300xW118xH37	1.00	EA
9.00	NV 00070070301	TUBING, NYLON	尼龍油管	D6Xd4	1.50	MT
10.00	NV 00070070301	TUBING, NYLON	尼龍油管	D6Xd4	1.50	MT
11.00	NV 00070070301	TUBING, NYLON	尼龍油管	D6Xd4	1.50	MT
12.00	NV 00070070301	TUBING, NYLON	尼龍油管	D6Xd4	1.50	MT
13.00	NV 00070070301	TUBING, NYLON	尼龍油管	D6Xd4	1.50	MT
14.00	NV 00070070301	TUBING, NYLON	尼龍油管	D6Xd4	1.50	MT
15.00	NV 00070070301	TUBING, NYLON	尼龍油管	D6Xd4	1.50	MT
16.00	NV 00070070301	TUBING, NYLON	尼龍油管	D6Xd4	1.50	MT
17.00	NV 00070070301	TUBING, NYLON	尼龍油管	D6Xd4	1.50	MT
22.00	MS 0103618	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL20	6.00	EA

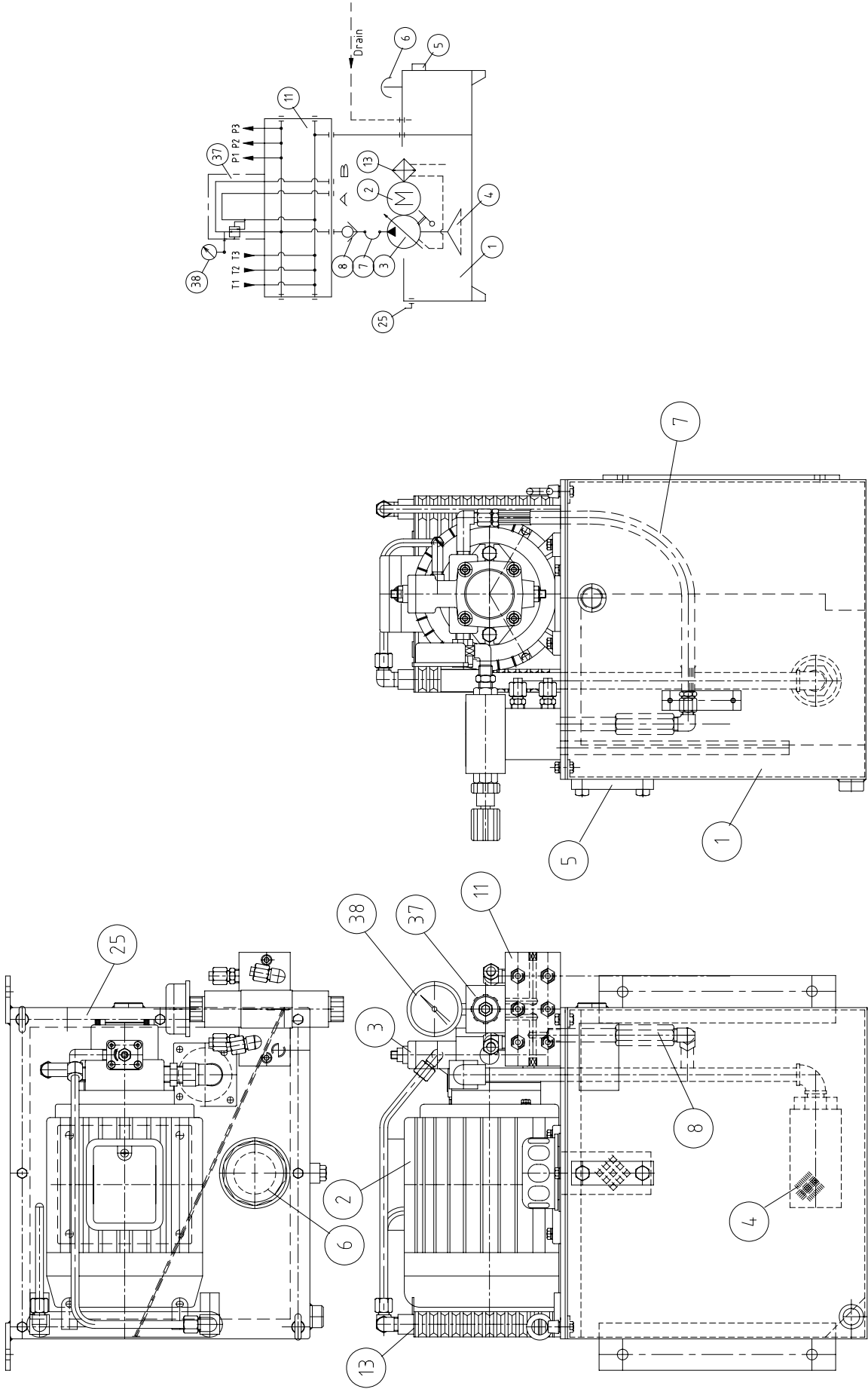


# Chapter 6

電磁閥+油壓系統

Solenoid Valve+Hydraulic Unit

REV	DESCRIPTION	DATE	ECK
A	油壓機油壓缸之油壓缸(油壓缸)	2007/6/25	606



MODEL: TALENT 8/66,10/78,8/66L,10/78L

PART NAME  
HYDRAULIC UNIT (HYDRAULIC TURRET)

PART NUMBER  
BL 000013364F

油壓箱(油壓刀塔)

DATE: 2006/1/6

SCALE: 1:3.5

REV: A

PAGE: 1 OF 1

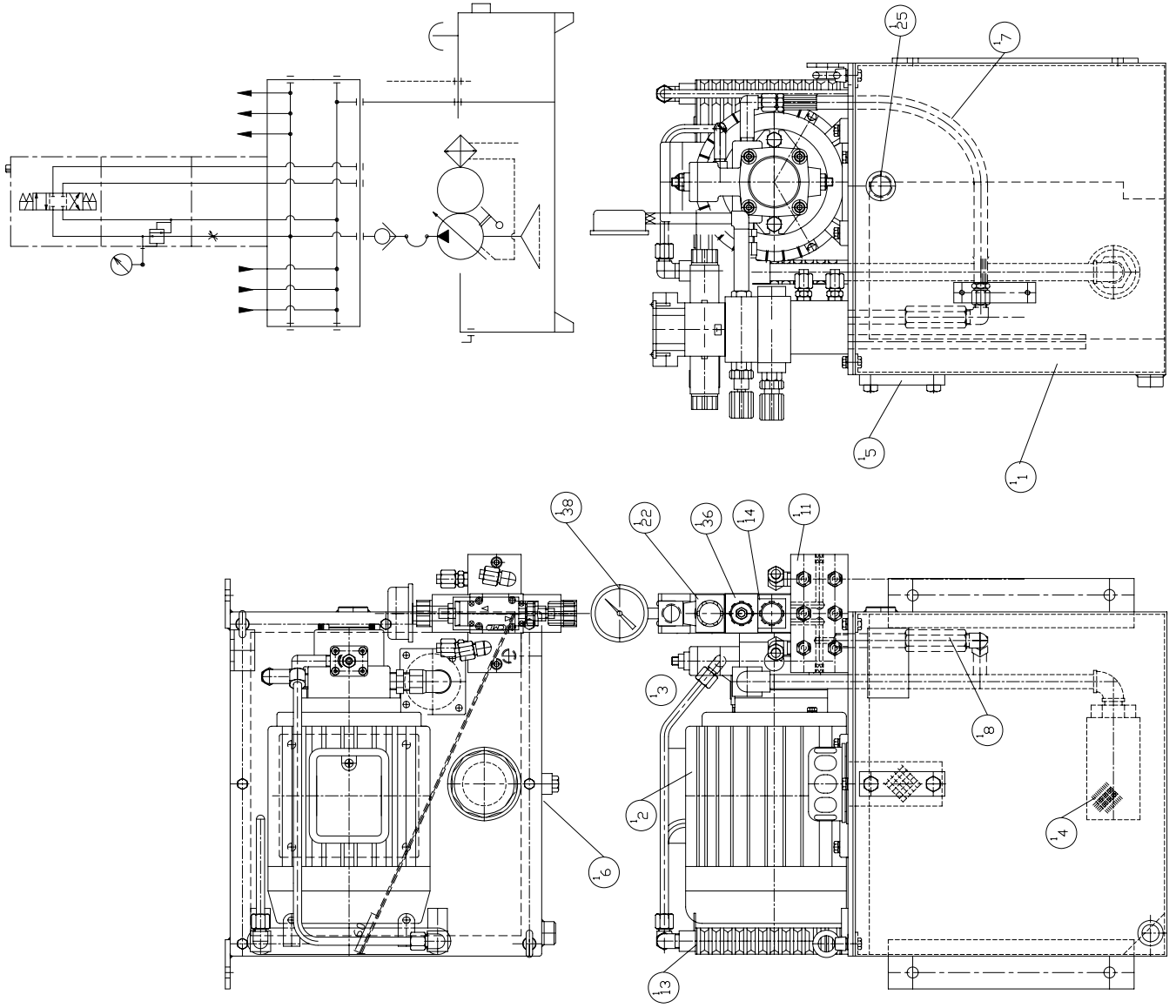
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013364F

Description: HYDRAULIC UNIT(HYDRAULIC TURR)  
油壓箱(油壓刀塔)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00029170401	oil tank	油壓單元	420x380x380	1.00	ST
2.00	BL 00022490001	MOTOR	三相感應馬達	2HP 4P A5623	1.00	EA
3.01	BLA00022490007	pump	可變葉片幫浦	VCM-SF-20C-20-H	1.00	EA
4.00	BL 00116140101	FILTER CARTRIDGE	吸入口濾油網	SFW-06	1.00	EA
5.00	BL 00113180105	oil level guage	油面計	LS-3"	1.00	EA
6.00	BL 00113180109	oil inlet & air breather	注油器	AB-1162	1.00	EA
7.00	BL 00069660001	hydraulic pipe	油壓軟管	ψ 3/8"X450I	1.00	MT
8.00	BL 00100590101	check valve	配管式止回閥	CV-03	1.00	EA
25.00	BL 00115370102	embeded press. Gauge	埋入式壓力計	φ 60x70kgf/cm^2	1.00	EA

REV	DESCRIPTION	DATE	ECN
0	新機試製	2006/1/6	REL F0000



MODEL: TALENT 8/66,10/78,8/66L,10/78L

PART NAME: HYDRAULIC UNIT (SERVO TURRET)

PART NUMBER: BL 000013368F

PAGE: 1 OF 1

REV: 0

SCALE: 1:7

DATE: 2006/1/6

油壓機(伺服刀塔)

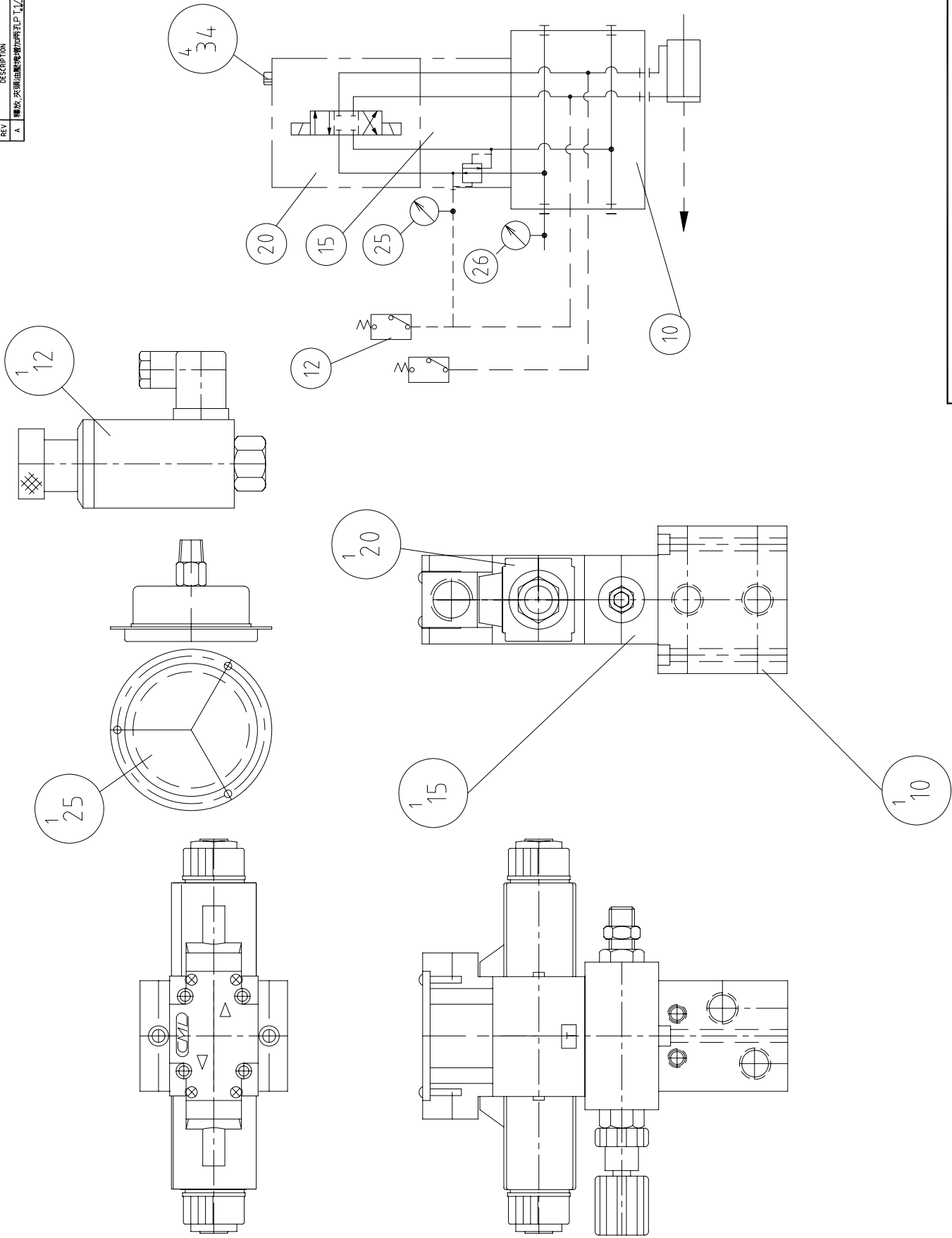
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013368F

Description: HYDRAULIC UNIT(SERVE)  
油壓箱(伺服/動力刀塔)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00029170401	oil tank	油壓單元	420x380x380	1.00	ST
2.00	BL 00022490001	MOTOR	三相感應馬達	2HP 4P A5623	1.00	EA
3.01	BLA00022490007	pump	可變葉片幫浦	VCM-SF-20C-20-H	1.00	EA
4.00	BL 00116140101	FILTER CARTRIDGE	吸入口濾油網	SFW-06	1.00	EA
5.00	BL 00113180105	oil level guage	油面計	LS-3"	1.00	EA
6.00	BL 00113180106	oil inlet & air breather	注油器	AB-1163	1.00	EA
7.00	BL 00069660001	hydraulic pipe	油壓軟管	ψ 3/8"X450I	1.00	MT
8.00	BL 00100590101	check valve	配管式止回閥	CV-03	1.00	EA
11.00	BL 00029170404	manifold block	分油塊	02-1+3P+3T	1.00	ST
13.00	BL 00113180107	heat exchanger	氣冷式冷卻器	AFC-A2	1.00	EA
14.00	BL 00100590110	throttle valve	積層式節流閥	MT-02-P-K	1.00	EA
22.00	BL 00030480104	solenoid valve	電磁閥	G02-C2-A110	1.00	EA
25.00	BL 00115370102	embeded press. Gauge	埋入式壓力計	φ 60x70kgf/cm^2	1.00	EA
36.00	BL 00100590122	REDUCING VALVE	積層式減壓閥	MBR-02-P-1a-K-51-16	1.00	EA
38.00	BL 00115370105	press. Gauge	直立式壓力計	2-1/2"X100KG	1.00	EA

REV	DESCRIPTION	DATE	ECK
A	機殼、天線油壓增加開孔(1.7.8.1) 2007/12/30	2007/12/30	701



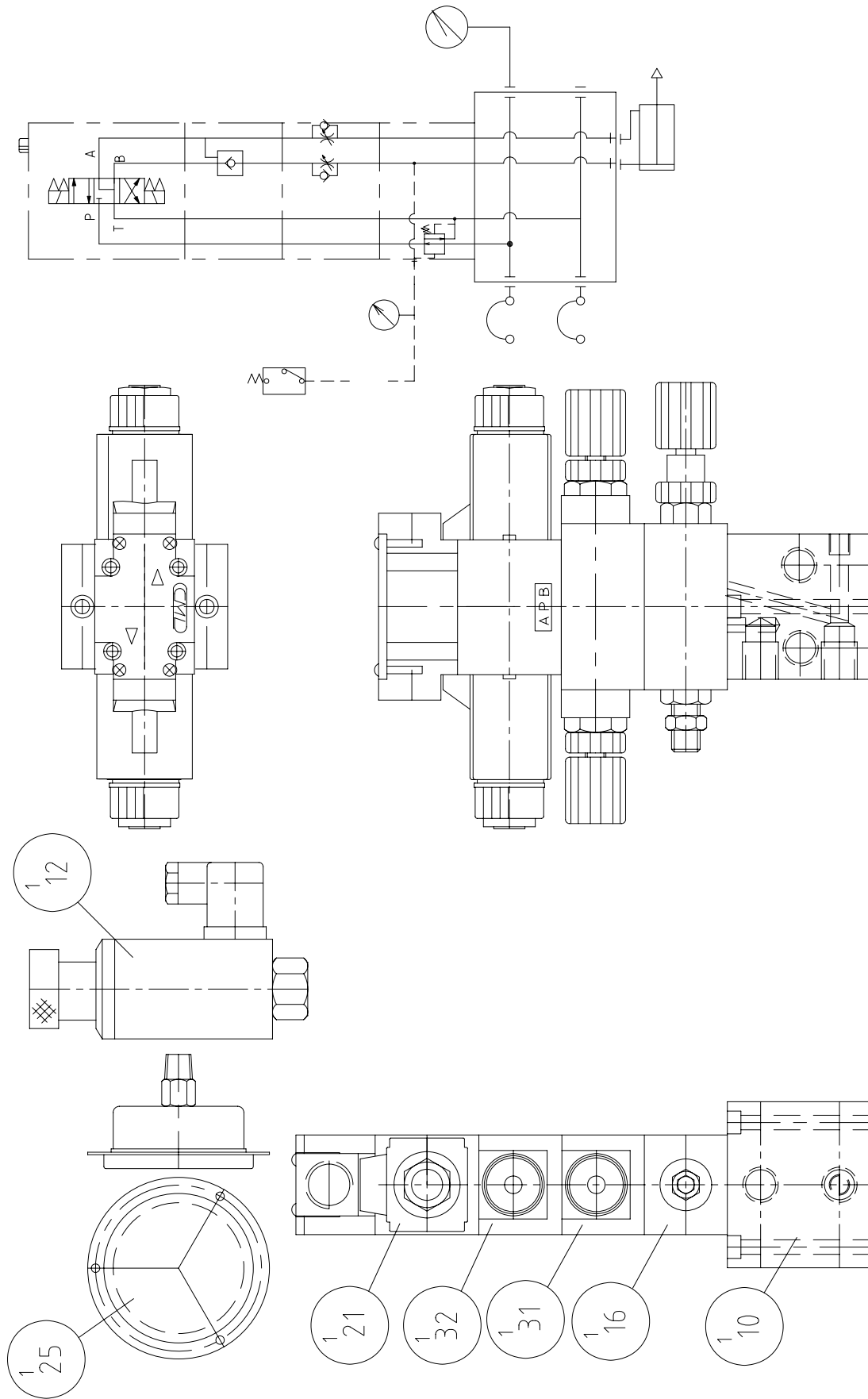
MODEL: TALENT 8/66L 10/78L	PART NUMBER
PART NAME	BL 000013360F
CHUCK MANIFOLD BLOCK(SOLENOID VALVE)	PAGE 1 OF 1
夾具油壓增加開孔(電磁閥系組)	REV. A
DATE 2005/8/29	SCALE 1:3

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013360F  
Description: CHUCK MANIFOLD BLOCK (SOLENOID  
夾頭油壓塊(電磁閥組))

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
10.01	BL 00029170403	manifold block	油壓塊	02-1	1.00	ST
12.00	BL 00030480101	solenoid valve	電磁閥	G02-D2-A110	1.00	EA
15.00	BL 00100590104	reducing valve	積層式減壓閥	MBR-02-P1-K-51-16	1.00	EA
20.00	BL 00100590115	pressure switch	壓力開關	CPS-70	1.00	EA
25.00	BL 00115370102	embeded press. Gauge	埋入式壓力計	φ 60x70kgf/cm <sup>2</sup>	1.00	EA
26.00	BL 00115370101	ψ 60x100kgf/cm <sup>2</sup>	埋入式壓力計	ψ 60x100kgf/cm <sup>2</sup>	1.00	EA
34.00	MS 0103543	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL85	4.00	EA

REV	DESCRIPTION	DATE	ECL
0	零件繪圖 部分裝配	2005/8/29	RBE/0000



MODEL: TALENT 8/66L 10/78L

PART NAME

TAILSTOCK QUILL MANIFOLD BLOCK(SOLENOID)

尾座油壓步塊(電磁控制)

PART NUMBER

BL 000013361F

PAGE 1 OF 1

REV. 0

SCALE 1:3

DATE 2005/8/29

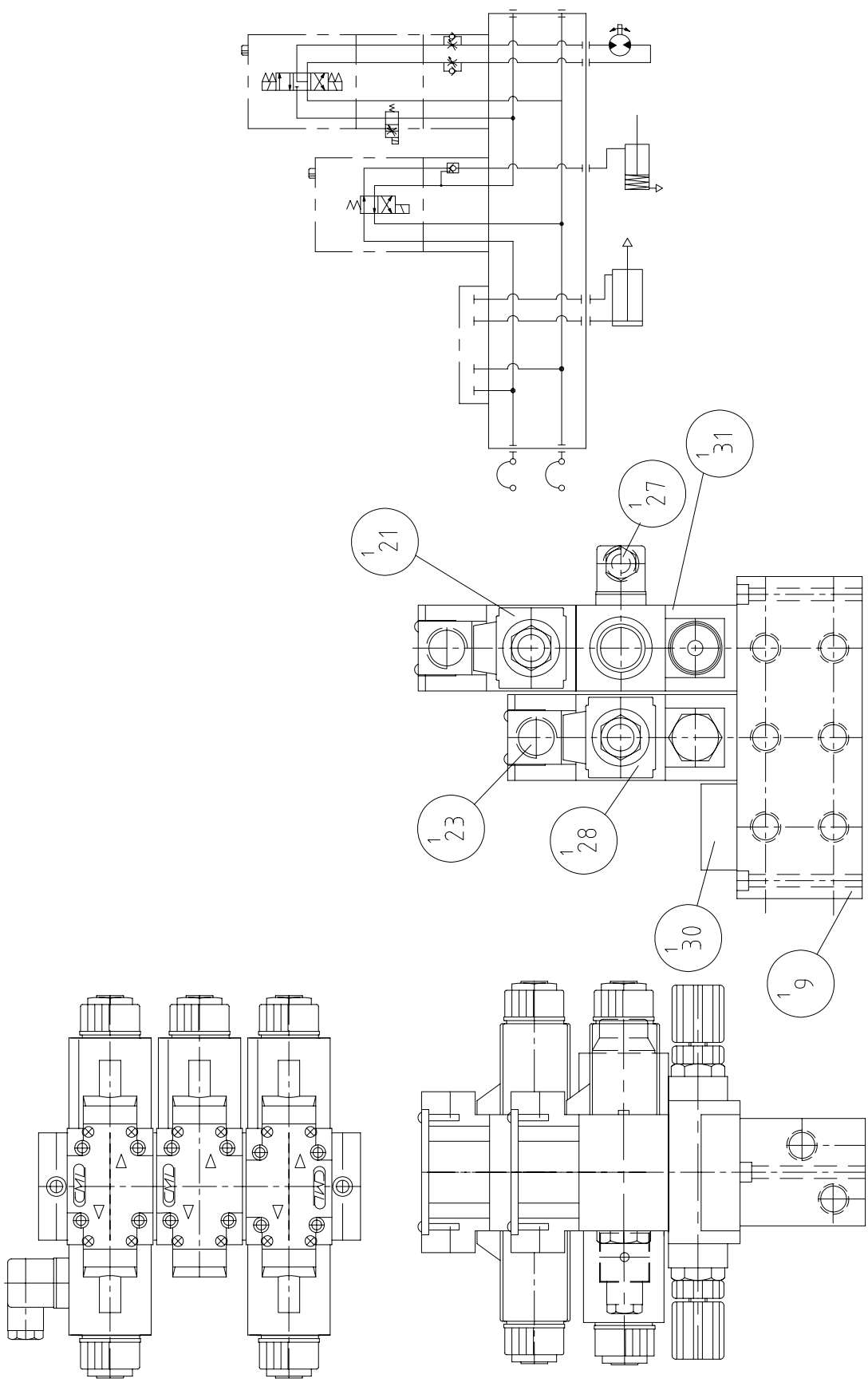


PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013361F  
Description: TAILSTOCK QUILL MANIFOLD BLOCK  
尾座油壓塊

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
10.00	BL 00029170403	manifold block	油壓塊	02-1	1.00	ST
12.00	BL 00100590115	pressure switch	壓力開關	CPS-70	1.00	EA
16.00	BL 00100590105	reducing valve	積層式減壓閥	MBR-02-B-1-K-51-16	1.00	EA
21.00	BL 00030480102	solenoid valve	電磁閥	G02-C4-A110	1.00	EA
24.00	BL 00115370101	ψ60x100kgf/cm <sup>2</sup>	埋入式壓力計	ψ60x100kgf/cm <sup>2</sup>	1.00	EA
31.00	BL 00100590117	throttle valve	積層式節流閥	MTC-02-W-I-K	1.00	EA
32.00	BL 00100590118	modular pilot check valve	積層式引導止回閥	MPC-02-B-1	1.00	EA
33.00	BL 00100590119	GAUGE DAMPER	壓力計緩衝器	SB-02	1.00	EA
35.00	MS 0103546	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL165	4.00	EA
39.00	BL 00115370102	embeded press. Gauge	埋入式壓力計	φ60x70kgf/cm <sup>2</sup>	1.00	EA

REV	DESCRIPTION	DATE	ECA
0	零件繪圖標準	2005/8/29	RBL/0000



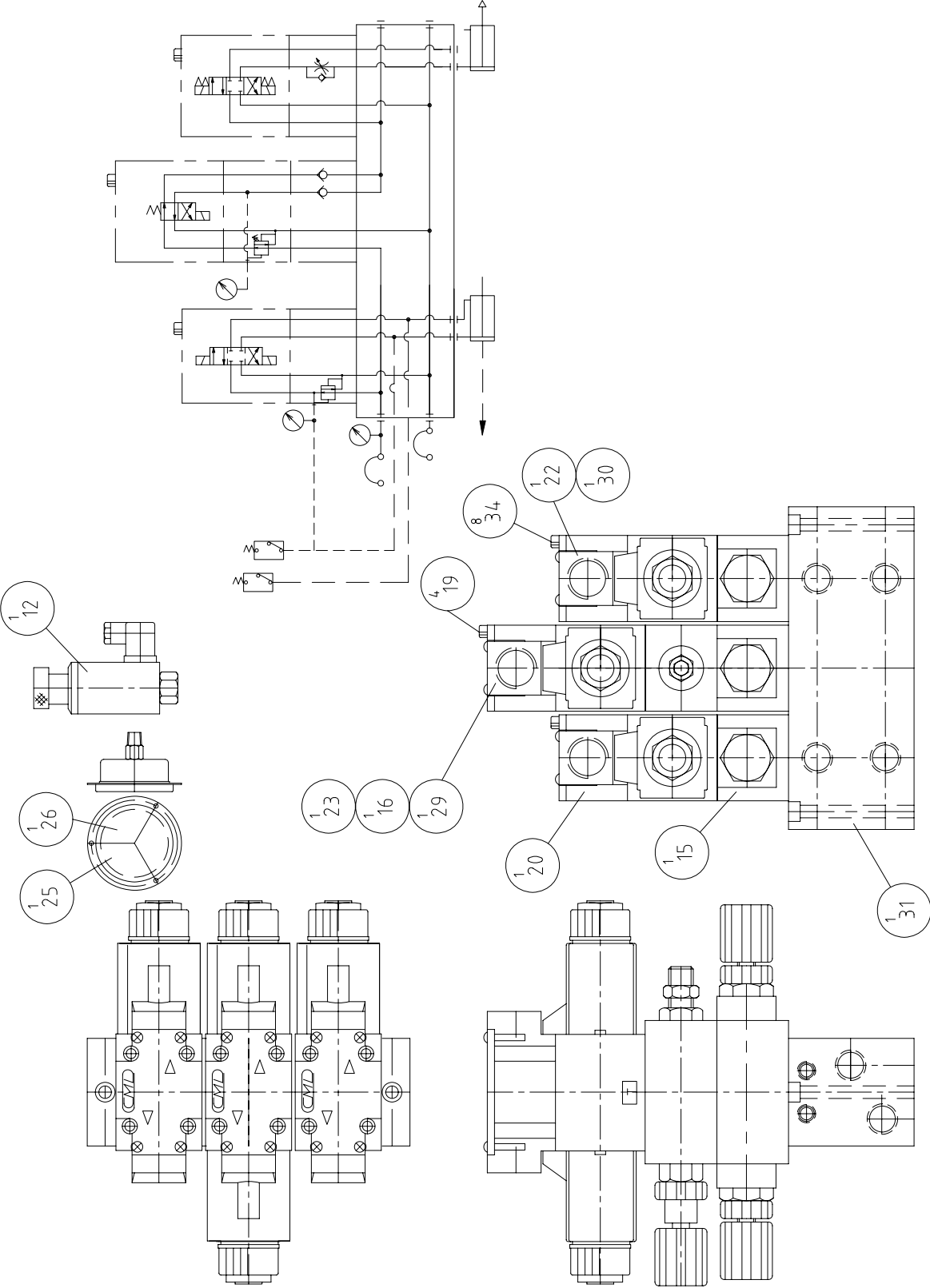
MODEL: TALENT 8/66L 10/78L	PART NUMBER
AUTO ST WITH CE(SOLENOID)	BL 000013362F
可程式尾座(電磁閥組,CE版)	PAGE 1 OF 1
DATE 2005/8/29	SCALE 1:3.5
	REV. 0

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013362F  
Description: AUTO ST WITH CE(SOLENOID)  
可程式尾座(電磁閥組,CE版)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
9.00	BL 00029170403	manifold block	油壓塊	02-1	1.00	ST
18.00	MS 0103545	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL135	4.00	EA
21.00	BL 00030480102	solenoid valve	電磁閥	G02-C4-A110	1.00	EA
23.00	BL 00030480101	solenoid valve	電磁閥	G02-D2-A110	1.00	EA
27.00	BL 00100590108	solenoid valve	電磁式節流閥	MST-02-P-K-A110N	1.00	EA
28.00	BL 00100590112	modular pilot check valve	積層式誘導閥	MPC-02-A	1.00	EA
31.00	BL 00100590117	throttle valve	積層式節流閥	MTC-02-W-I-K	1.00	EA
34.00	MS 0103543	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL85	4.00	EA

REV	DESCRIPTION	DATE	ECK
A	機殼、天線油壓增加時孔徑1/8" (機殼增加時孔徑1/8")	2007/06/11	701



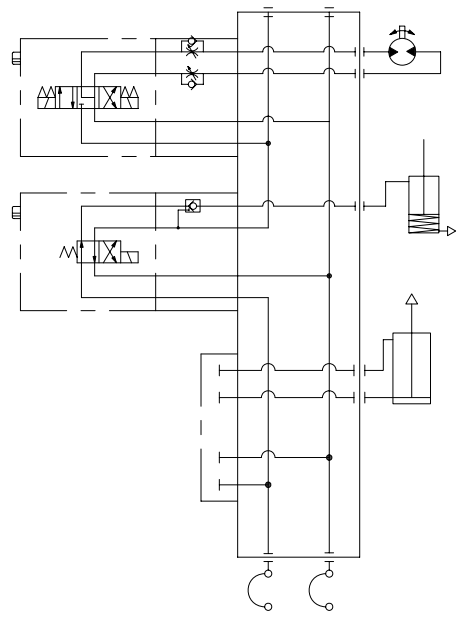
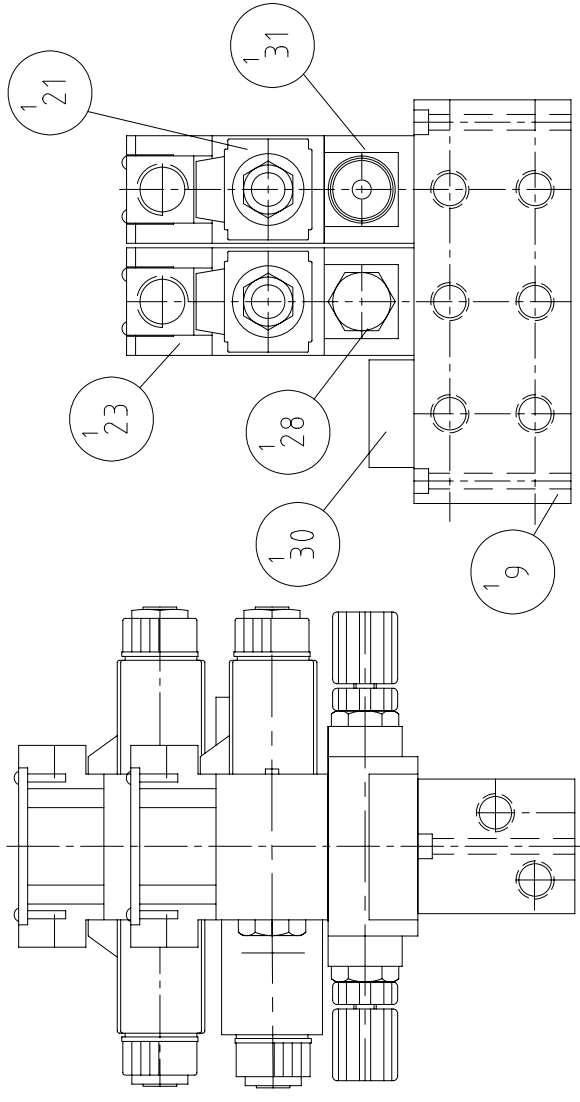
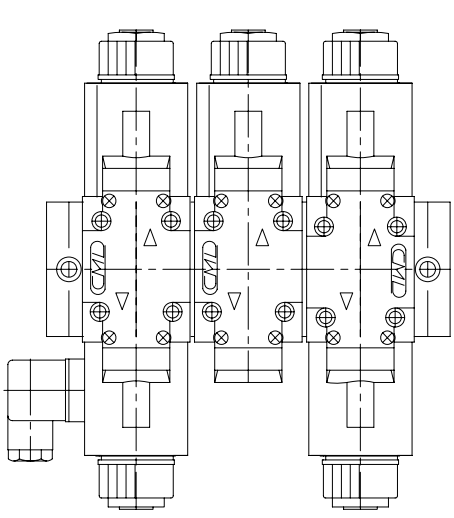
MODEL: TALENT 8/66L 10/78L	PART NUMBER	REV. A
CHUCK + C AXIS MANIFOLD BLOCK(SOLENOID)	BL 000013363F	
交頭 + C 軸油壓塊 (電磁控制)	PAGE 1 OF 1	
DATE 2005/8/29	SCALE 1:3.5	

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013363F  
Description: CHUCK+C AXIS MANIFOLD BLOCK(SO  
夾頭+C軸油壓塊(電磁閥)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
12.00	BL 00100590115	pressure switch	壓力開關	CPS-70	1.00	EA
15.00	BL 00100590104	reducing valve	積層式減壓閥	MBR-02-P1-K-51-16	1.00	EA
16.00	BL 00100590105	reducing valve	積層式減壓閥	MBR-02-B-1-K-51-16	1.00	EA
19.00	MS 0103544	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL125	4.00	EA
20.00	BL 00030480101	solenoid valve	電磁閥	G02-D2-A110	1.00	EA
22.00	BL 00030480104	solenoid valve	電磁閥	G02-C2-A110	1.00	EA
23.00	BL 00030480103	solenoid valve	電磁閥	G02-B2-A110	1.00	EA
25.00	BL 00115370102	embeded press. Gauge	埋入式壓力計	φ 60x70kgf/cm <sup>2</sup>	1.00	EA
26.00	BL 00115370101	ψ 60x100kgf/cm <sup>2</sup>	埋入式壓力計	ψ 60x100kgf/cm <sup>2</sup>	1.00	EA
29.00	BL 00100590114	throttle valve	積層式止回閥	MCV-02-W	1.00	EA
30.00	BL 00100590113	throttle valve	積層式節流閥	MTC-02-B1	1.00	EA
31.00	BL 00100590117	throttle valve	積層式節流閥	MTC-02-W-I-K	1.00	EA
34.00	MS 0103543	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL85	8.00	EA

REV	DESCRIPTION	DATE	ECK
0	零件繪圖標準	2005/8/29	RBE/0000



MODEL: TALENT 8/66L 10/78L

PART NAME  
 AUTO ST W/O CE(SOLENOID)  
 可程式尾座(電磁閥組,非CE版)

PART NUMBER  
 BL 000013365F

PAGE 1 OF 1

DATE 2005/8/29

SCALE 1:3.5

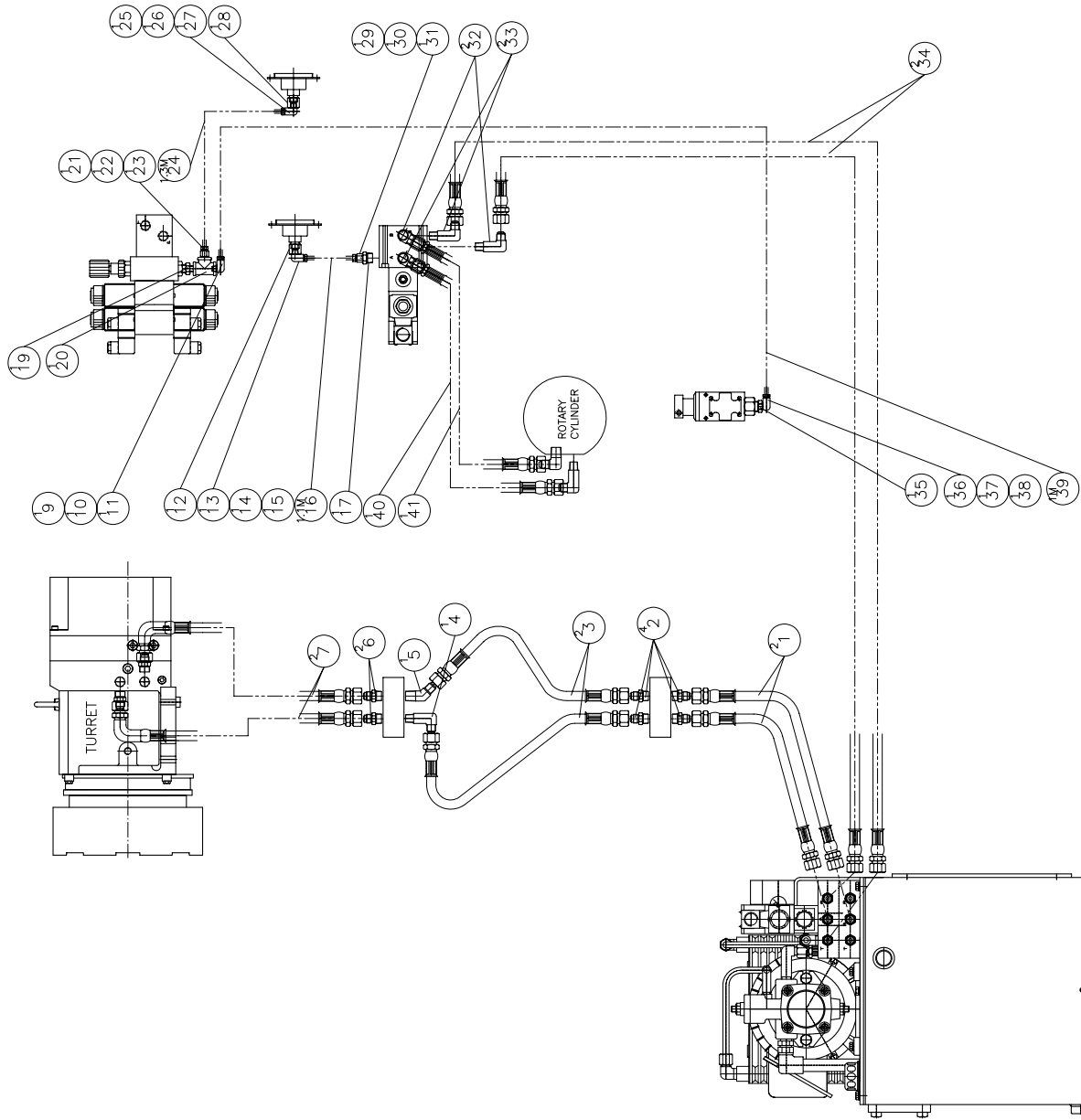
REV. 0

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013365F  
Description: AUTO ST W/O CE(SOLENOID)  
可程式尾座(電磁閥組,非CE版)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
9.00	BL 00029170403	manifold block	油壓塊	02-1	1.00	ST
21.00	BL 00030480102	solenoid valve	電磁閥	G02-C4-A110	1.00	EA
23.00	BL 00030480103	solenoid valve	電磁閥	G02-B2-A110	1.00	EA
28.00	BL 00100590112	modular pilot check valve	積層式誘導閥	MPC-02-A	1.00	EA
31.00	BL 00100590117	throttle valve	積層式節流閥	MTC-02-W-I-K	1.00	EA
34.00	MS 0103543	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M5xP0.8xL85	8.00	EA

REV	DESCRIPTION	DATE	ENL
A	標準図	2005/4/29	TEL0166



MODEL: GS200/66 GS250 SV200/66 SV250

PART NAME

HYDRAULIC PIPE LAYOUT(TURRET/CHUCK)

PART NUMBER

BL 000013302C

PAGE 1 OF 1

REV. A

DATE 2005/4/29

SCALE 1:12

USUAL

FIGURE



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013302C

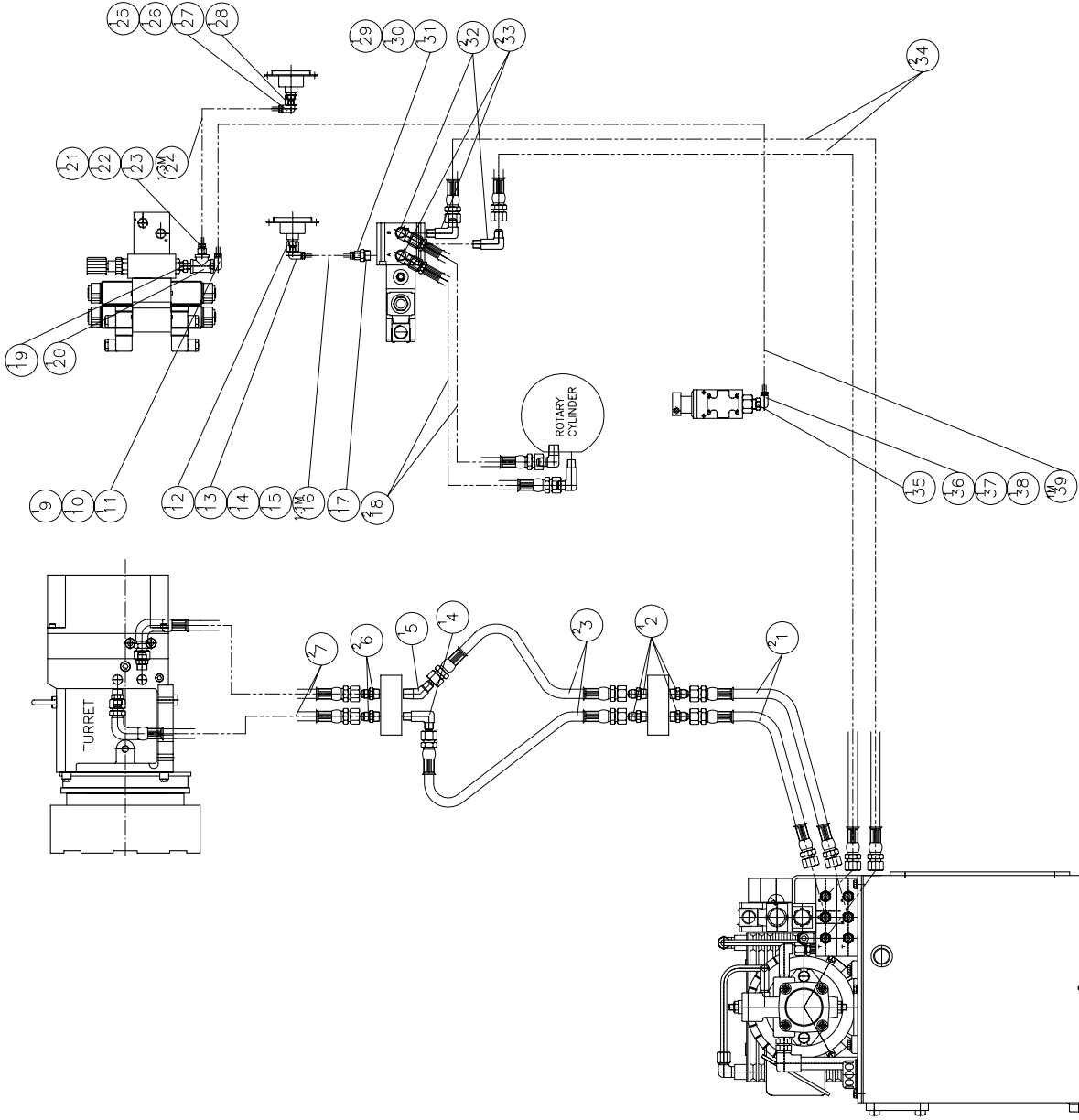
Description: HYDRAULIC PIPE (VDI/CHUCK)  
油壓管路(伺服刀塔/夾頭)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00069650102	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx0.55M	2.00	EA
2.00	NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	4.00	EA
3.00	BL 00069650120	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx1.55M	2.00	EA
4.00	NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	1.00	EA
5.00	NV 00077031519	ELBOW,45 DEG MALE	45度肘管接頭	PT3/8"maleX9/16"-18UNF male	1.00	EA
6.00	NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	2.00	EA
7.00	NV 00069650136	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx1.32M	2.00	EA
9.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
10.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
11.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
12.00	NV 00077030603	UNION	直雙內牙接頭	PT1/4xPT1/8	1.00	EA
13.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
14.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
15.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
16.00	NV 00070070301	TUBING, NYLON	尼龍油管	D6Xd4	1.00	MT
17.00	NV 00077031219	BUSHING	卜申接頭	PT3/8(MALE)"PTx1/8"(FEMALE)	1.00	EA
19.00	NV 00077030214	NIPPLE, STRAIGHT	直接頭	PT1/4"XPT1/8"X30L	1.00	EA
20.00	NV 00077030407	TEE UNION	內螺紋三通	PT1/8"	1.00	EA
21.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
22.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
23.00 NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	1.00	EA
24.00 BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	D6Xd3	1.00	MT
25.00 NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
26.00 NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
27.00 NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
28.00 NV 00077030603	UNION	直雙內牙接頭	PT1/4xPT1/8	1.00	EA
29.00 NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
30.00 NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
31.00 NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	1.00	EA
32.00 NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	PT3/8"(male)X9/16"-18UNF(male)	2.00	EA
33.00 NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	2.00	EA
34.00 NV 00069650138	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx4.2M	2.00	EA
35.00 NV 00077031215	BUSHING	卜申接頭	PT1/4"mxPT1/8"f	1.00	EA
36.00 NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
37.00 NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
38.00 NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
39.00 BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	D6Xd3	1.00	MT
40.00 BL 00069650103	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx0.61M	1.00	EA
41.00 BL 00069650175	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx0.57M	1.00	EA

REV	DESCRIPTION	DATE	ENCL
A	零件檢査	2007/7/5	67



MODEL: GS200/66L GS250L SV200/66L SV250L
PART NAME HYDRAULIC PIPE LAYOUT(TURRET/CHUCK) 油壓管路(伺服刀塔/交頭)
PART NUMBER BL 000013302F
PAGE 1 OF 1
DATE 2007/7/5
SCALE 1:12
REV. A

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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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Master Item Part NO.: BL 000013302F

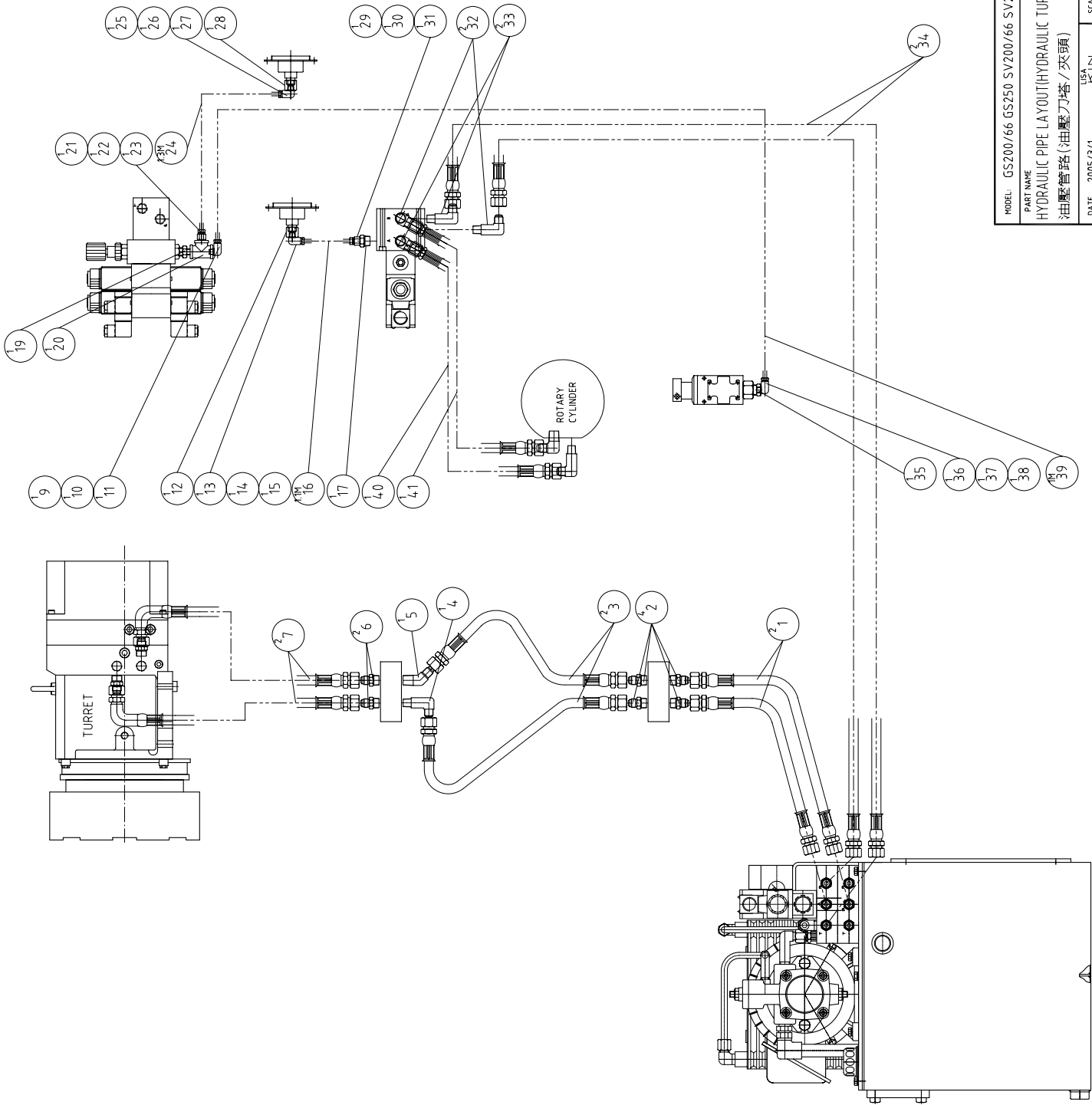
 Description: HYDRAULIC PIPE (VDI/CHUCK)  
 油壓管路(伺服刀塔/夾頭)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00069650102	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx0.55M	2.00	EA
2.00	NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	4.00	EA
3.00	NV 00069650155	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx1.74M	2.00	EA
4.00	NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	1.00	EA
5.00	NV 00077031519	ELBOW,45 DEG MALE	45度肘管接頭	PT3/8"maleX9/16"-18UNF male	1.00	EA
6.00	NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	2.00	EA
7.00	NV 00069650144	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx1.46M	2.00	EA
9.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
10.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
11.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
12.00	NV 00077030603	UNION	直雙內牙接頭	PT1/4xPT1/8	1.00	EA
13.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
14.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
15.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
16.00	NV 00070070301	TUBING, NYLON	尼龍油管	D6Xd4	1.00	MT
17.00	NV 00077031219	BUSHING	卜申接頭	PT3/8(MALE)"PTx1/8"(FEMALE)	1.00	EA
18.00	NV 00069650218	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx0.9M	2.00	EA
19.00	NV 00077030214	NIPPLE, STRAIGHT	直接頭	PT1/4"XPT1/8"X30L	1.00	EA
20.00	NV 00077030407	TEE UNION	內螺紋三通	PT1/8"	1.00	EA
21.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA

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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
22.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
23.00	NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	1.00	EA
24.00	BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	D6Xd3	1.00	MT
25.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
26.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
27.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
28.00	NV 00077030603	UNION	直雙內牙接頭	PT1/4xPT1/8	1.00	EA
29.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
30.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
31.00	NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	1.00	EA
32.00	NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	PT3/8"(male)Xw9/16"-18UNF(male)	2.00	EA
33.00	NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	2.00	EA
34.00	BL 00069650125	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx4.7M	2.00	EA
35.00	NV 00077031215	BUSHING	卜申接頭	PT1/4"mxPT1/8"f	1.00	EA
36.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
37.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
38.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
39.00	BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	D6Xd3	1.00	MT

REV	DESCRIPTION	DATE	ECN
A	环境力之	2005/4/29	TBL0165



MODEL: GS200/66 GS250 SV200/66 SV250

PART NAME: HYDRAULIC PIPE LAYOUT (HYDRAULIC TURRET/CHUCK)  
 油壓管路 (油壓力塔/夾頭)

PAGE: 1 OF 1

REV: A

SCALE: 1:12

DATE: 2005/3/1

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013303C

Description: HYDRAULIC PIPE(VERTICAL/CHUCK  
油壓管路(立式刀塔/夾頭))

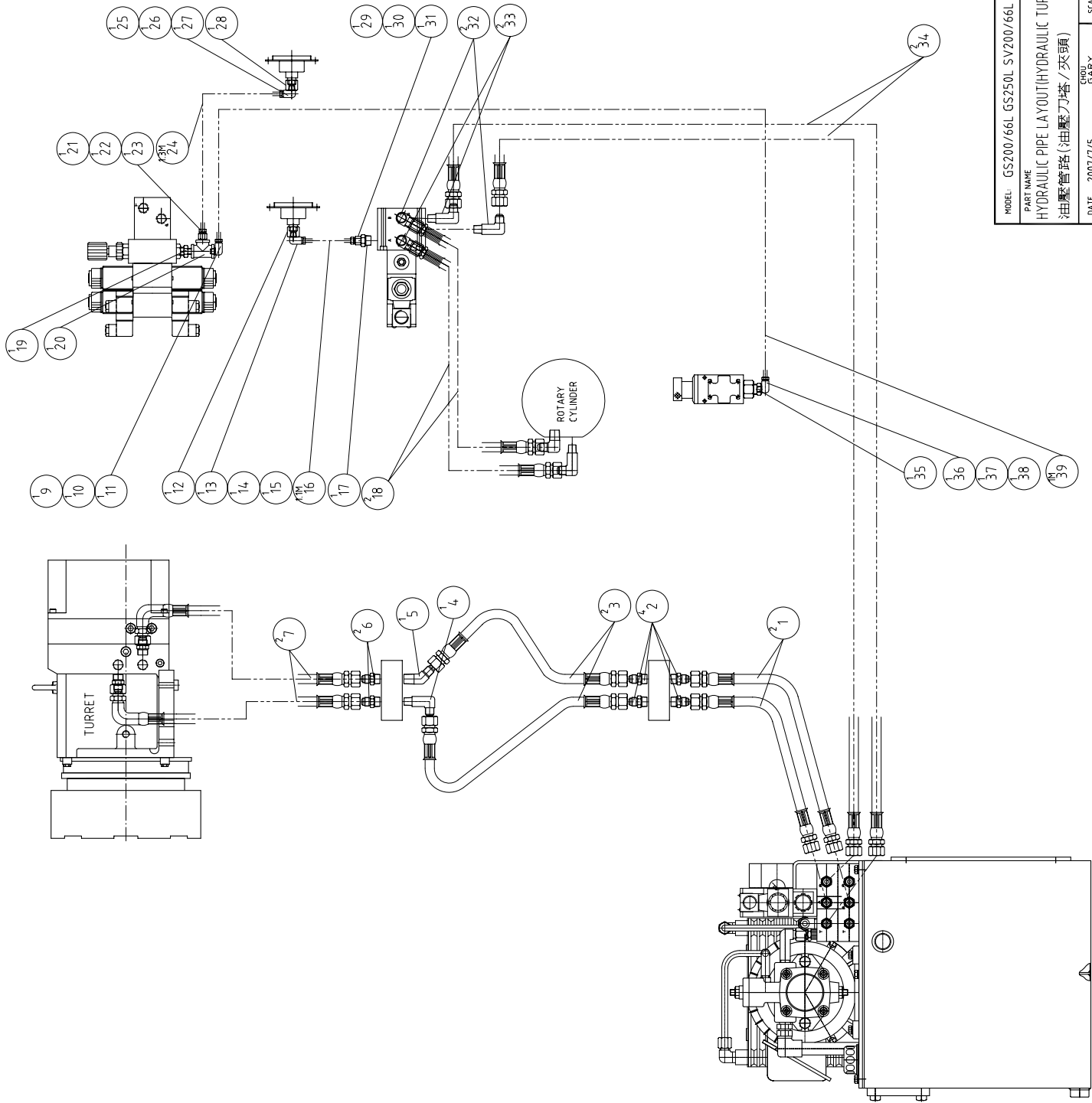
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00069650102	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx0.55M	2.00	EA
2.00	NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	4.00	EA
3.00	BL 00069650120	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx1.55M	2.00	EA
4.00	NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	1.00	EA
5.00	NV 00077031519	ELBOW,45 DEG MALE	45度肘管接頭	PT3/8"maleX9/16"-18UNF male	1.00	EA
6.00	NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	2.00	EA
7.00	NV 00069650136	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx1.32M	2.00	EA
9.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
10.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
11.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
12.00	NV 00077030603	UNION	直雙內牙接頭	PT1/4xPT1/8	1.00	EA
13.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
14.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
15.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
16.00	NV 00070070301	TUBING, NYLON	尼龍油管	D6Xd4	1.00	MT
17.00	NV 00077031219	BUSHING	卜申接頭	PT3/8(MALE)"PTx1/8"(FEMALE)	1.00	EA
19.00	NV 00077030214	NIPPLE, STRAIGHT	直接頭	PT1/4"XPT1/8"X30L	1.00	EA
20.00	NV 00077030407	TEE UNION	內螺紋三通	PT1/8"	1.00	EA
21.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
22.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
23.00 NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	1.00	EA
24.00 BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	D6Xd3	1.00	MT
25.00 NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
26.00 NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
27.00 NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
28.00 NV 00077030603	UNION	直雙內牙接頭	PT1/4xPT1/8	1.00	EA
29.00 NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
30.00 NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
31.00 NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	1.00	EA
32.00 NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	PT3/8"(male)X9/16"-18UNF(male)	2.00	EA
33.00 NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	2.00	EA
34.00 NV 00069650138	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx4.2M	2.00	EA
35.00 NV 00077031215	BUSHING	卜申接頭	PT1/4"mxPT1/8"f	1.00	EA
36.00 NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
37.00 NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
38.00 NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
39.00 BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	D6Xd3	1.00	MT
40.00 BL 00069650103	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx0.61M	1.00	EA
41.00 BL 00069650175	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx0.57M	1.00	EA



REV	DESCRIPTION	DATE	ECN
A	油壓刀塔	2007/7/5	6-7



MODEL	GS200/66L GS250L SV200/66L SV250L
PART NAME	HYDRAULIC PIPE LAYOUT(HYDRAULIC TURRET/CHUCK) 油壓管路(油壓刀塔/夾頭)
PART NUMBER	BL 000013303F
PAGE	1 OF 1
REV	A
DATE	2007/7/5
SCALE	1:12
DESIGNER	GARY
CHECKER	PHILL

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000013303F

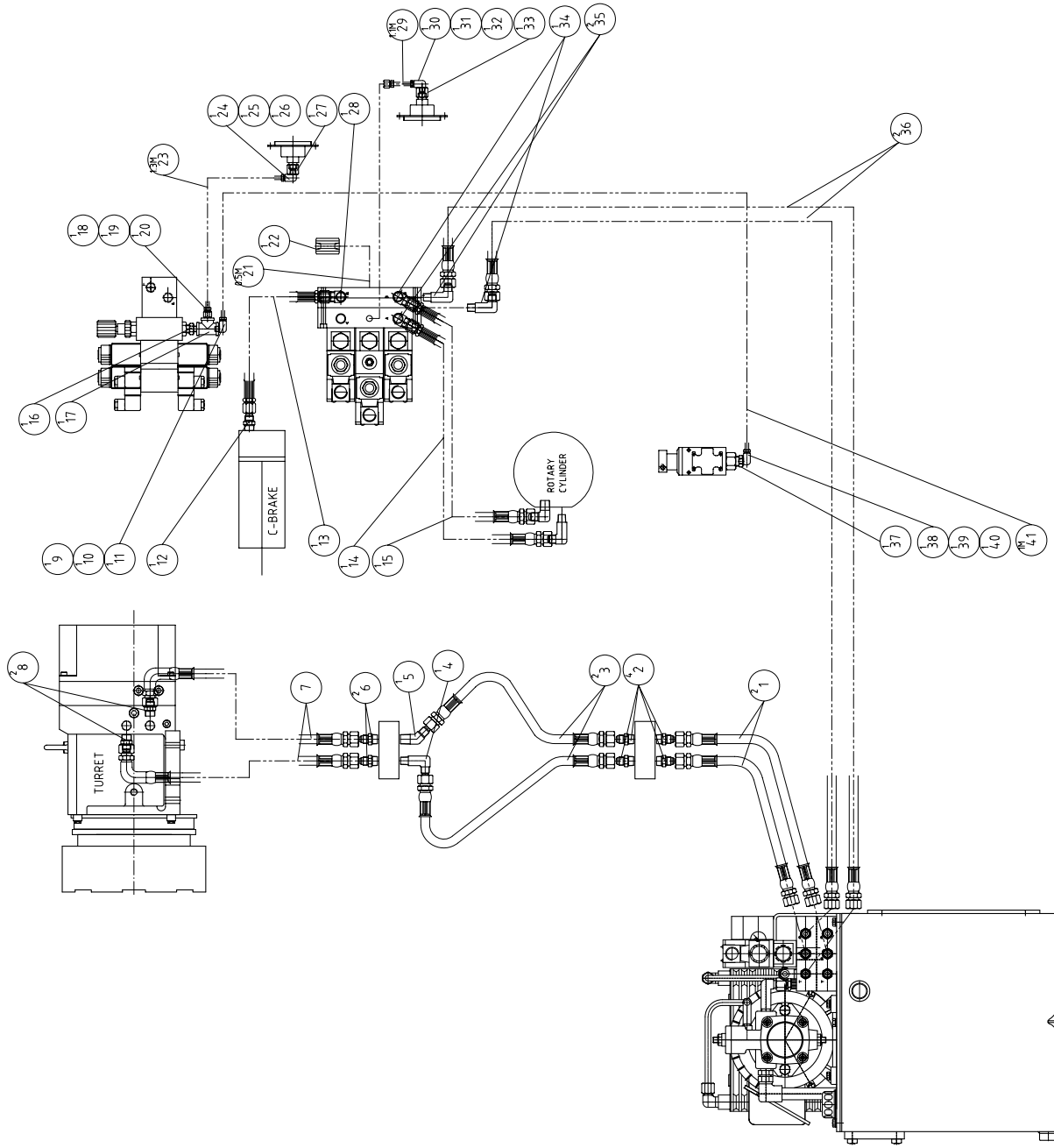
Description: HYDRAULIC PIPE(VERTICAL/CHUCK  
油壓管路(立式刀塔/夾頭)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00069650102	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx0.55M	2.00	EA
2.00	NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	4.00	EA
3.00	NV 00069650155	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx1.74M	2.00	EA
4.00	NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	1.00	EA
5.00	NV 00077031519	ELBOW,45 DEG MALE	45度肘管接頭	PT3/8"maleX9/16"-18UNF male	1.00	EA
6.00	NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	2.00	EA
7.00	NV 00069650136	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx1.32M	2.00	EA
9.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
10.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
11.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
12.00	NV 00077030603	UNION	直雙內牙接頭	PT1/4xPT1/8	1.00	EA
13.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
14.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
15.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
16.00	NV 00070070301	TUBING, NYLON	尼龍油管	D6Xd4	1.00	MT
17.00	NV 00077031219	BUSHING	卜申接頭	PT3/8(MALE)"PTx1/8"(FEMALE)	1.00	EA
18.00	NV 00069650218	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx0.9M	2.00	EA
19.00	NV 00077030214	NIPPLE, STRAIGHT	直接頭	PT1/4"XPT1/8"X30L	1.00	EA
20.00	NV 00077030407	TEE UNION	內螺紋三通	PT1/8"	1.00	EA
21.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
22.00 NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
23.00 NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	1.00	EA
24.00 BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	D6Xd3	1.00	MT
25.00 NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
26.00 NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
27.00 NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
28.00 NV 00077030603	UNION	直雙內牙接頭	PT1/4xPT1/8	1.00	EA
29.00 NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
30.00 NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
31.00 NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	1.00	EA
32.00 NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	PT3/8"(male)Xw9/16"-18UNF(male)	2.00	EA
33.00 NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	2.00	EA
34.00 BL 00069650125	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx4.7M	2.00	EA
35.00 NV 00077031215	BUSHING	卜申接頭	PT1/4"mxPT1/8"f	1.00	EA
36.00 NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
37.00 NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
38.00 NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
39.00 BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	D6Xd3	1.00	MT

REV	DESCRIPTION	DATE	ECL
A	改訂	2007/7/5	6/7



MODEL	GS200/66 GS250 SV200/66 SV250
PART NAME	HYDRAULIC PIPE LAYOUT(C-AXIS/CHUCK)
PART NUMBER	BL 000013315C
DATE	2007/7/5
SCALE	1:12
REV.	A
PAGE	1 OF 1
CHUCK PARTIAL	
油圧配管図 (動カチカチ答 / 交受真)	

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013315C

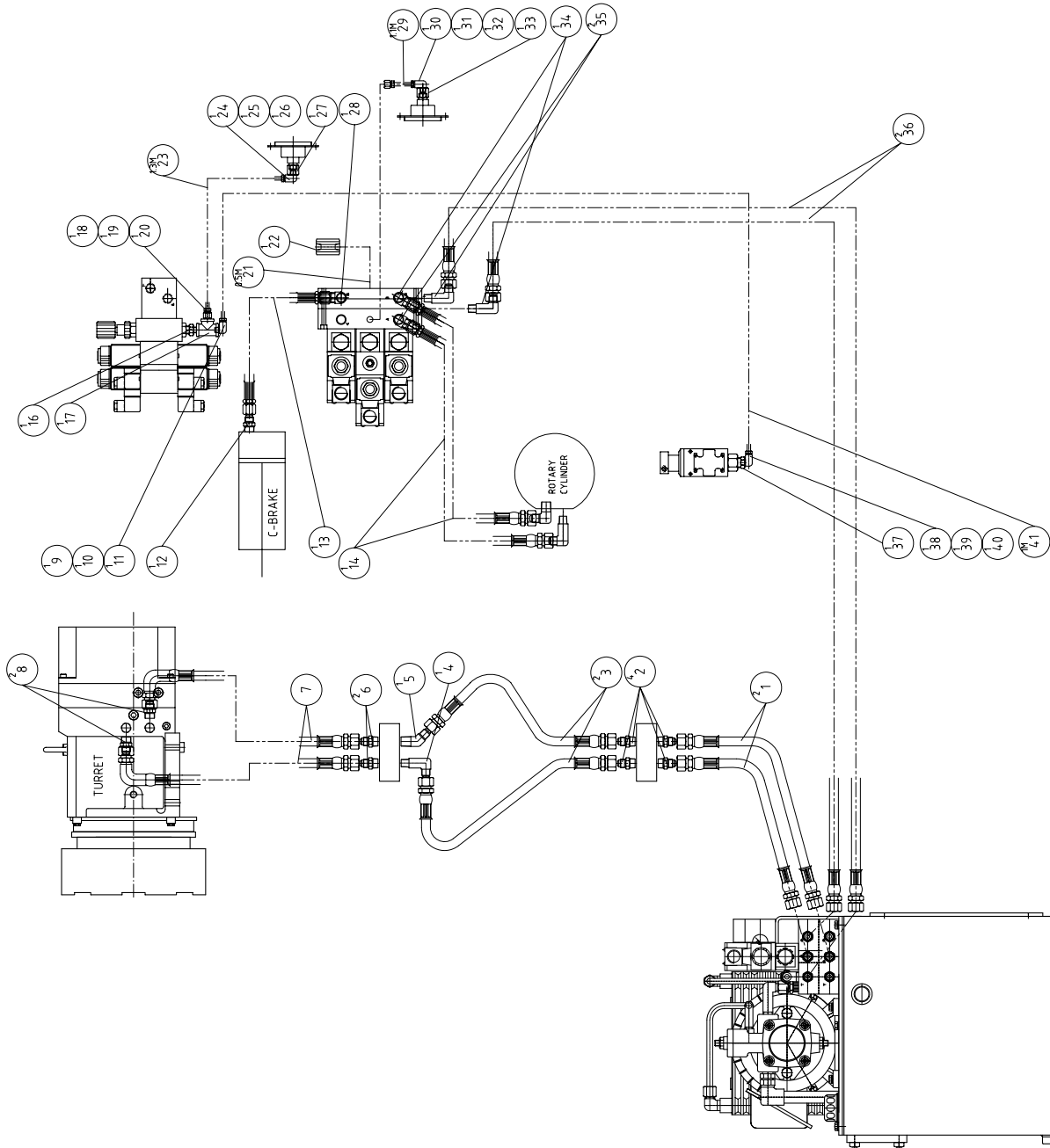
Description: HYDRAULIC PIPE(C-AXIS/CHUCK)  
油壓管路(動力刀塔/夾頭)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00069650102	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFX0.55M	2.00	EA
2.00	NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	4.00	EA
3.00	BL 00069650120	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFX1.55M	2.00	EA
4.00	NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	1.00	EA
5.00	NV 00077031519	ELBOW,45 DEG MALE	45度肘管接頭	PT3/8"maleX9/16"-18UNF male	1.00	EA
6.00	NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	2.00	EA
7.00	NV 00069650162	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管(一直一90度)	R1-Φ3/8"Xw9/16"-18UNFX1.89M	2.00	EA
8.00	BL 00077030201	NIPPLE, STRAIGHT	直接頭	PF3/8"(male)X9/16"-18UNF(male)	2.00	EA
9.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
10.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
11.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
12.00	NV 00077030218	NIPPLE, STRAIGHT	直接頭	PT3/8"x1/4"H	1.00	EA
13.00	BL 00069650128	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	HOSE 7/16-20UNFX1M	1.00	EA
14.00	BL 00069650103	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFX0.61M	1.00	EA
15.00	BL 00069650175	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFX0.57M	1.00	EA
16.00	NV 00077030214	NIPPLE, STRAIGHT	直接頭	PT1/4"XPT1/8"X30L	1.00	EA
17.00	NV 00077030407	TEE UNION	內螺紋三通	PT1/8"	1.00	EA
18.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
19.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
20.00	NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	1.00	MT
22.00	BL 00077030601	UNION	直雙內牙接頭(中間接頭)	1.00	EA
23.00	BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	1.00	MT
24.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	1.00	EA
25.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	1.00	EA
26.00	NV 00069660401	THIMBLE, BRASS	套管	1.00	EA
27.00	NV 00077030603	UNION	直雙內牙接頭	1.00	EA
28.00	NV 00077031512	ELBOW, 90 DEG MALE	90度雙外牙肘管接頭	1.00	EA
29.00	BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	1.00	MT
30.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	1.00	EA
31.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	1.00	EA
32.00	NV 00069660401	THIMBLE, BRASS	套管	1.00	EA
33.00	NV 00077030603	UNION	直雙內牙接頭	1.00	EA
34.00	NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	2.00	EA
35.00	NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	2.00	EA
36.00	NV 00069650138	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	2.00	EA
37.00	NV 00077031215	BUSHING	卜申接頭	1.00	EA
38.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	1.00	EA
39.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	1.00	EA
40.00	NV 00069660401	THIMBLE, BRASS	套管	1.00	EA
41.00	BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	1.00	MT

REV	DESCRIPTION	DATE	ECL
A	※ 改訂	2007/7/5	6/7



MODEL	GS200/66L GS250L SV200/66L SV250L
PART NAME	HYDRAULIC PIPE LAYOUT(C-AXIS/CHUCK)
PART NUMBER	BL 000013315F
DATE	2007/7/5
SCALE	1:12
REV.	A
PAGE	1 OF 1
CHUCK PART NO.	
油圧配管図 (動カカク付 / 交直真)	

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013315F

Description: HYDRAULIC PIPE(C-AXIS/CHUCK)  
油壓管路(動力刀塔/夾頭)

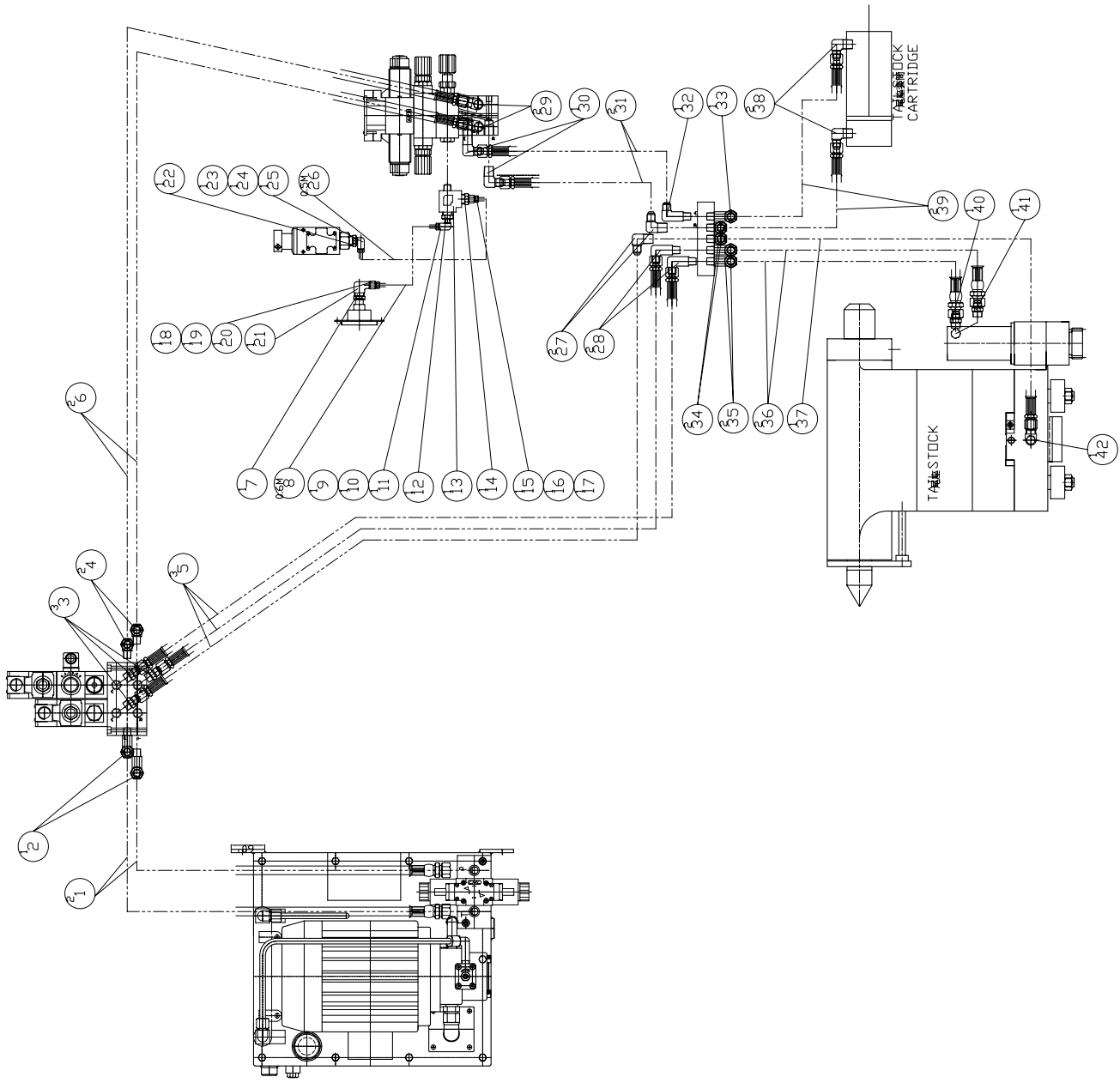
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00069650102	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFX0.55M	2.00	EA
2.00	NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	4.00	EA
3.00	NV 00069650155	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFX1.74M	2.00	EA
4.00	NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	1.00	EA
5.00	NV 00077031519	ELBOW,45 DEG MALE	45度肘管接頭	PT3/8"maleX9/16"-18UNF male	1.00	EA
6.00	NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	2.00	EA
7.00	NV 00069650162	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管(一直一90度)	R1-Φ3/8"Xw9/16"-18UNFX1.89M	2.00	EA
8.00	BL 00077030201	NIPPLE, STRAIGHT	直接頭	PF3/8"(male)X9/16"-18UNF(male)	2.00	EA
9.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
10.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
11.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
12.00	NV 00077030218	NIPPLE, STRAIGHT	直接頭	PT3/8"x1/4"H	1.00	EA
13.00	BL 00069650128	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	HOSE 7/16-20UNFX1M	1.00	EA
14.00	NV 00069650218	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFX0.9M	2.00	EA
16.00	NV 00077030214	NIPPLE, STRAIGHT	直接頭	PT1/4"XPT1/8"X30L	1.00	EA
17.00	NV 00077030407	TEE UNION	內螺紋三通	PT1/8"	1.00	EA
18.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
19.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
20.00	NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	1.00	EA
21.00	BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	D6Xd3	1.00	MT



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
22.00	BL 00077030601	UNION	直雙內牙接頭(中間接頭)	1.00	EA
23.00	BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	1.00	MT
24.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	1.00	EA
25.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	1.00	EA
26.00	NV 00069660401	THIMBLE, BRASS	套管	1.00	EA
27.00	NV 00077030603	UNION	直雙內牙接頭	1.00	EA
28.00	NV 00077031512	ELBOW, 90 DEG MALE	90度雙外牙肘管接頭	1.00	EA
29.00	BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	1.00	MT
30.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	1.00	EA
31.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	1.00	EA
32.00	NV 00069660401	THIMBLE, BRASS	套管	1.00	EA
33.00	NV 00077030603	UNION	直雙內牙接頭	1.00	EA
34.00	NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	2.00	EA
35.00	NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	2.00	EA
36.00	BL 00069650125	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	2.00	EA
37.00	NV 00077031215	BUSHING	卜申接頭	1.00	EA
38.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	1.00	EA
39.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	1.00	EA
40.00	NV 00069660401	THIMBLE, BRASS	套管	1.00	EA
41.00	BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	1.00	MT

REV	DESCRIPTION	DATE	ECN
A	標準放	2003/4/29	TR.0166



MODEL: GS200/66 SV250	GS200/66 SV250
PART NAME: HYDRAULIC PIPE LAYOUT(STD+AUTO TS)	PART NUMBER: BL 000013325C
油壓管路<尾壓>	PAGE 1 OF 1
DATE 2003/9/5	SCALE 1:12
USA	REV. A

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000013325C

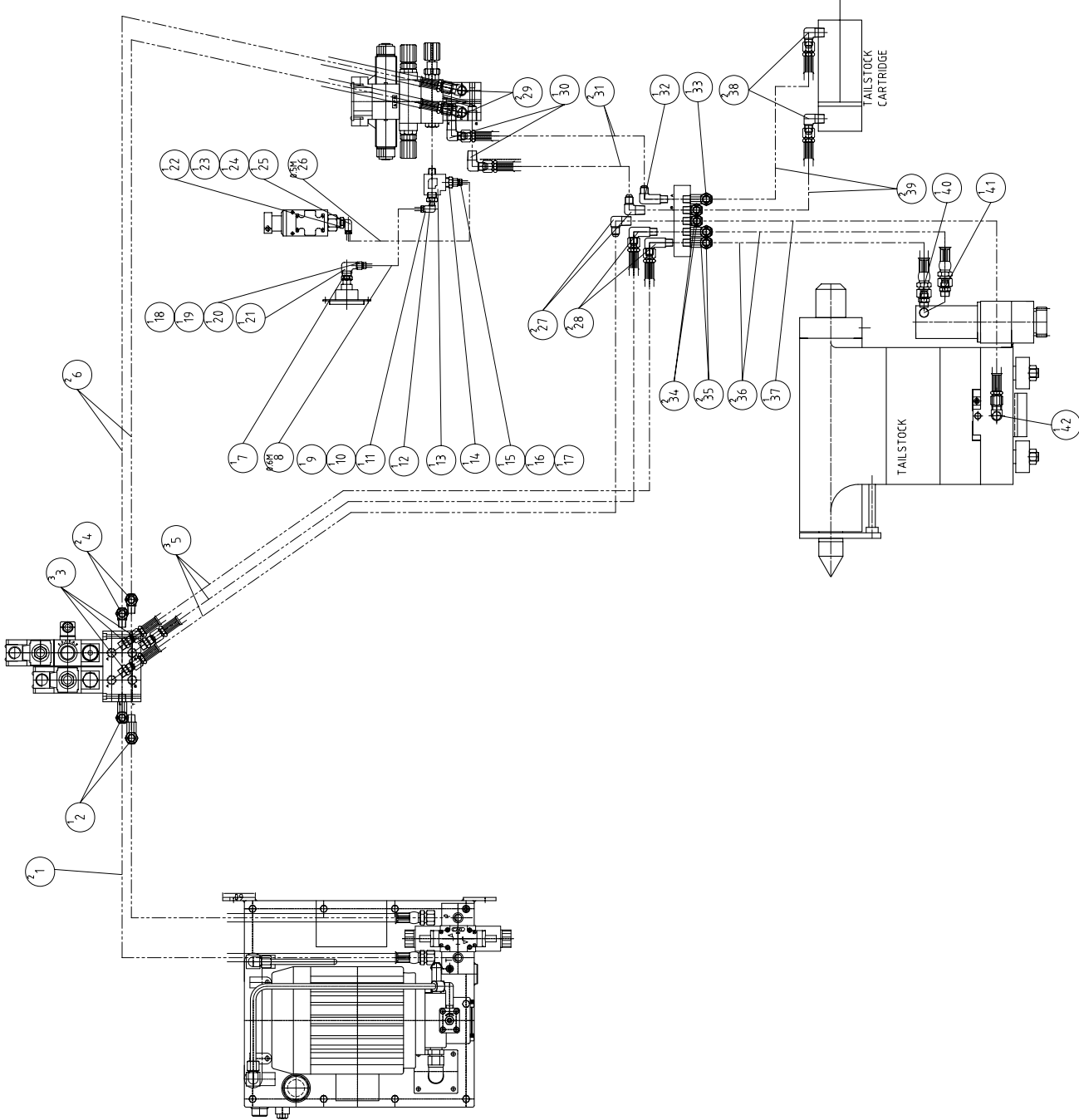
Description: HYDRAULIC PIPE LAYOUT(STD+AUTO  
油壓管路(尾座)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00069650106	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx1.9M	2.00	EA
2.00	NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	2.00	EA
3.00	NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	3.00	EA
4.00	NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	PT3/8"(male)X9/16"-18UNF(male)	2.00	EA
5.00	BL 00069650164	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx2.8M	3.00	EA
6.00	BL 00069650133	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx3.1M	2.00	EA
7.00	NV 00077031215	BUSHING	卜申接頭	PT1/4"mxPT1/8"f	1.00	EA
8.00	BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	D6Xd3	1.00	MT
9.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
10.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
11.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
12.00	NV 00077031215	BUSHING	卜申接頭	PT1/4"mxPT1/8"f	1.00	EA
13.00	NV 00077031603	TEE ADAPTER, FEMALE&MALE	內外牙三通	PT3/8mxPT3/8fxPT3/8f(P104)	1.00	EA
14.00	NV 00077031219	BUSHING	卜申接頭	PT3/8(MALE)PTx1/8"(FEMALE)	1.00	EA
15.00	NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	1.00	EA
16.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
17.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
18.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
19.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
20.00	NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00 NV 00077030301	ELBOW, BRASS 90 DEG FEMALE	90度內雙螺紋肘管	PT1/4xPT1/4(P085)	1.00	EA
22.00 NV 00077031215	BUSHING	卜申接頭	PT1/4"mxPT1/8"f	1.00	EA
23.00 NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
24.00 NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
25.00 NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
26.00 BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	D6Xd3	1.00	MT
27.00 NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	PT3/8"(male)X9/16"-18UNF(male)	2.00	EA
28.00 NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	2.00	EA
29.00 NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	PT3/8"(male)X9/16"-18UNF(male)	2.00	EA
30.00 NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	1.00	EA
31.00 BL 00069650103	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx0.61M	2.00	EA
32.00 NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	1.00	EA
33.00 NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	1.00	EA
34.00 NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	PT3/8"(male)X9/16"-18UNF(male)	2.00	EA
35.00 NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	2.00	EA
36.00 BL 00069650110	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管(外覆鋼絲)	R1-Φ3/8"Xw9/16"-18UNFx1.36M	2.00	EA
37.00 BL 00069650111	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管(外覆鋼絲)	R1-Φ3/8"Xw9/16"-18UNFx1.50M	1.00	EA
38.00 NV 00077031526	ELBOW, 135 DEG MALE	135度肘管接頭	PT1/4"(male)X9/16"-18UNF(male)	2.00	EA
39.00 BL 00069650109	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管(外覆鋼絲)	R1-Φ3/8"Xw9/16"-18UNFx1.24M	2.00	EA
40.00 NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	1.00	EA
41.00 NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	1.00	EA
42.00 NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	PT3/8"(male)X9/16"-18UNF(male)	1.00	EA

REV	DESCRIPTION	DATE	ECK
A	2007/7/5	6-7	



MODEL: GS200/66L GS250L SV200/66L SV250L
PART NAME HYDRAULIC PIPE LAYOUT(TAILSTOCK) 尾架油路图 (尾架)
PART NUMBER BL 000013325F
PAGE 1 OF 1
REV. A
DATE 2007/7/5
SCALE 1:12

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000013325F

Description: HYDRAULIC PIPE(TAILSTOCK)  
油壓管路(尾座)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00069650106	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx1.9M	2.00	EA
2.00	NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	2.00	EA
3.00	NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	3.00	EA
4.00	NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	PT3/8"(male)X9/16"-18UNF(male)	2.00	EA
5.00	BL 00069650127	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管3.6M	R1-Φ3/8"Xw9/16"-18UNFx3.6M	3.00	EA
6.00	BL 00069650133	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx3.1M	2.00	EA
7.00	NV 00077031215	BUSHING	卜申接頭	PT1/4"mxPT1/8"f	1.00	EA
8.00	BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	D6Xd3	1.00	MT
9.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
10.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
11.00	NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
12.00	NV 00077031215	BUSHING	卜申接頭	PT1/4"mxPT1/8"f	1.00	EA
13.00	NV 00077031603	TEE ADAPTER, FEMALE&MALE	內外牙三通	PT3/8mxPT3/8fxPT3/8f(P104)	1.00	EA
14.00	NV 00077031219	BUSHING	卜申接頭	PT3/8(MALE)"PTx1/8"(FEMALE)	1.00	EA
15.00	NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	1.00	EA
16.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
17.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
18.00	NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
19.00	NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
20.00	NV 00077031201	BUSHING, BRASS	卜申接頭	PT1/8xM10xP1	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00 NV 00077030301	ELBOW, BRASS 90 DEG FEMALE	90度內雙螺紋肘管	PT1/4xPT1/4(P085)	1.00	EA
22.00 NV 00077031215	BUSHING	卜申接頭	PT1/4"mxPT1/8"f	1.00	EA
23.00 NV 00069660401	THIMBLE, BRASS	套管	Φ6	1.00	EA
24.00 NV 00077031102	THIMBLE NUT, BRASS	套管帽	M10xΦ6.1	1.00	EA
25.00 NV 00077031801	ELBOW, BRASS 90DEG MALE&FEMALE	90度內外雙螺紋肘管	PT1/8"xM10	1.00	EA
26.00 BL 00070070301	TUBING, NYLON(HI-PRESSURE 80BA	尼龍油管(耐壓80BAR)	D6Xd3	1.00	MT
27.00 NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	PT3/8"(male)X9/16"-18UNF(male)	2.00	EA
28.00 NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	2.00	EA
29.00 NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	PT3/8"(male)X9/16"-18UNF(male)	2.00	EA
30.00 NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	1.00	EA
31.00 NV 00069650144	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx1.46M	2.00	EA
32.00 NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	1.00	EA
33.00 NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	1.00	EA
34.00 NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	PT3/8"(male)X9/16"-18UNF(male)	2.00	EA
35.00 NV 00077031520	ELBOW, 90 DEG MALE(LENGTHEN)	90度肘管接頭(加長)	PT3/8"(male)Xw9/16"-18UNF(male)	2.00	EA
36.00 BL 00069650126	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管(外覆鋼絲)	R1-Φ3/8"Xw9/16"-18UNFx1.57M	2.00	EA
37.00 NV 00069650165	HOSE, FLEXIBLE HYDRAULIC(WITH	耐油橡膠管(外覆鋼絲)-APC600	R1-Φ3/8"Xw9/16"-18UNFx1.75M	1.00	EA
38.00 NV 00077031526	ELBOW, 135 DEG MALE	135度肘管接頭	PT1/4"(male)X9/16"-18UNF(male)	2.00	EA
39.00 BL 00069650111	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管(外覆鋼絲)	R1-Φ3/8"Xw9/16"-18UNFx1.50M	2.00	EA
40.00 NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	1.00	EA
41.00 NV 00077030208	NIPPLE, STRAIGHT	直接頭	PT3/8x9/16-18UNF	1.00	EA
42.00 NV 00077031504	ELBOW, 90 DEG MALE	90度肘管接頭	PT3/8"(male)X9/16"-18UNF(male)	1.00	EA

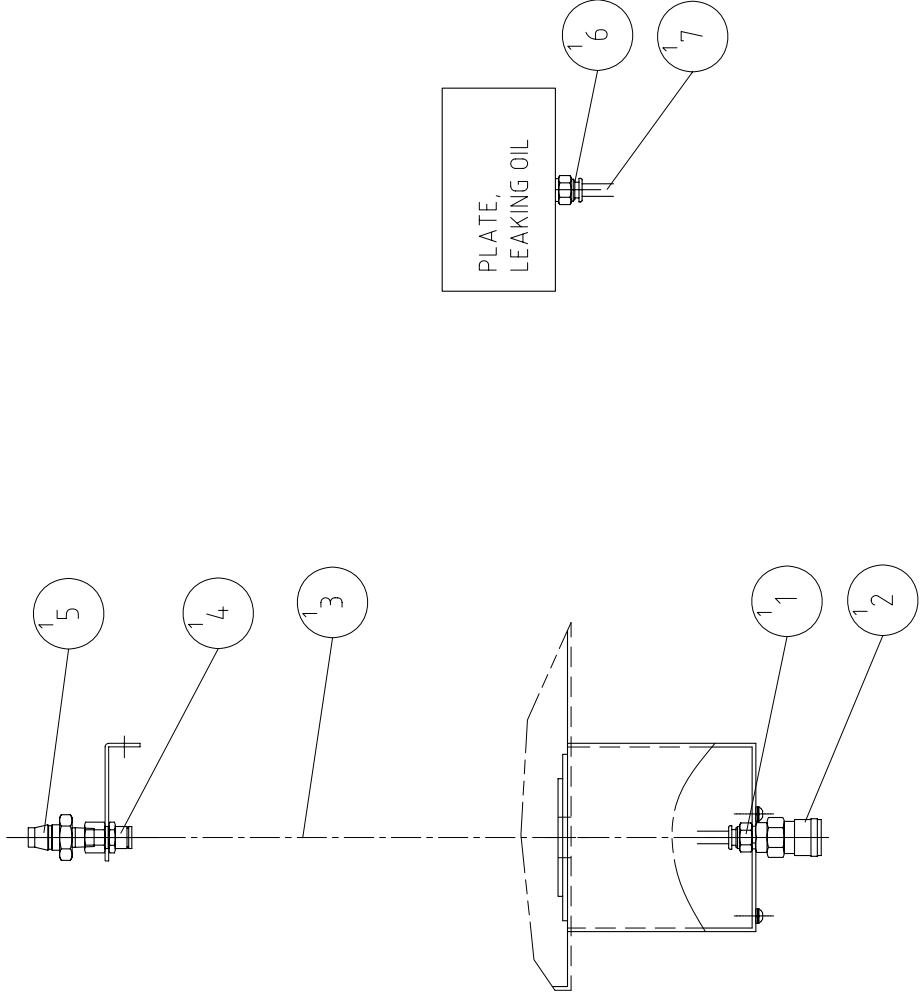
# Chapter 7

氣壓系統

Pneumatic Parts



REV	DESCRIPTION	DATE	ECL
A		2002/4/29	TB.L0166



MODEL: TALENT 8/66 10/78

PART NAME	PART NUMBER
PNEUMATIC PARTS	BLA000280401C
氣壓零組件	
DATE 2002/6/14	PAGE 1 OF 1
SCALE 1:5	REV. A

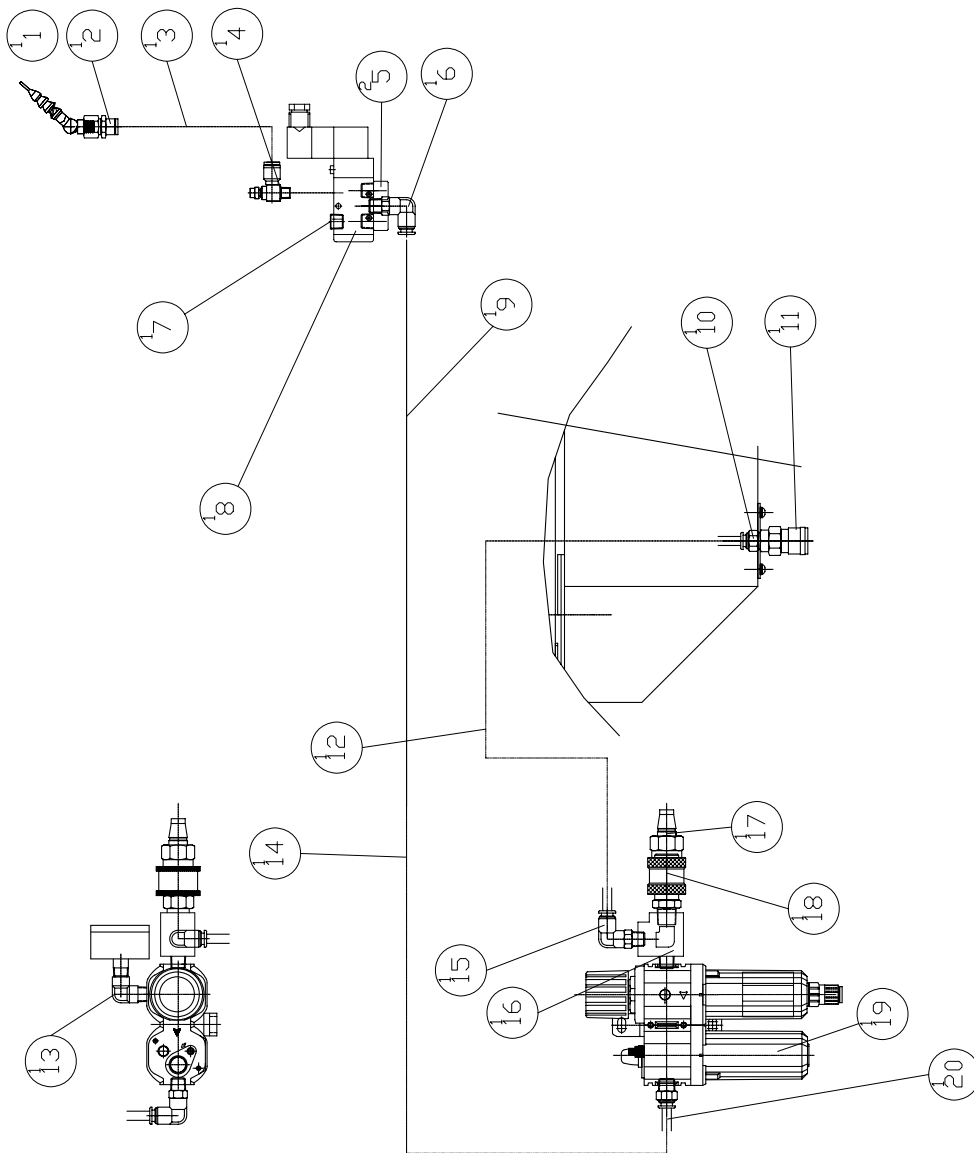
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BLA000280401C

Description: PNEUMATIC PARTS  
氣壓零組件

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	NV 00077030806	STRAIGHT, PRESTO ADAPTER	直型快速接頭	PT1/4X φ 8(JPC8-02)	1.00	EA
2.00	NV 00077030901	PRESTO ADAPTER, STRIGHT(female)	內牙直快速接頭(母)	PT1/4"(SF20)	1.00	EA
3.00	NV 00070070259	TUBING, PNEUMATIC	風壓用管	PU φ 8xφ 5(MINDMAN)6.2M	1.00	EA
4.00	NV 00077032101	PRESTO ADAPTER	夾壁式快速接頭	PT1/4xφ 8(CTCMF8-02)	1.00	EA
5.00	NV 00077031402	PRESTO ADAPTER, STRAIGHT MALE	外牙直快速接頭(公)	PT1/4"(PM20)	1.00	EA
6.00	NV 00077030806	STRAIGHT, PRESTO ADAPTER	直型快速接頭	PT1/4X φ 8(JPC8-02)	1.00	EA
7.00	NV 00070070241	TUBING, PNEUMATIC	風壓用管	PU φ 8xφ 5(MINDMAN)1.5M	1.00	EA

REV	DESCRIPTION	DATE	ECN
A	機軸交換	2007/9/20	B23



MODEL: TALENT 8/52A 10/78 GS200(L)/250-66(L)

PART NAME PNEUMATIC PARTS<AIR BLAST> PART NUMBER BL 000280405C

気流発生組件<吹気装置> PAGE 1 OF 1

DATE 2007/9/20 SCALE 1:7 REV. A

BARREN  
SKILL

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000280405C

Description: PNEUMATIC PARTS(AIR BLAST)  
氣壓零組件(吹氣裝置)

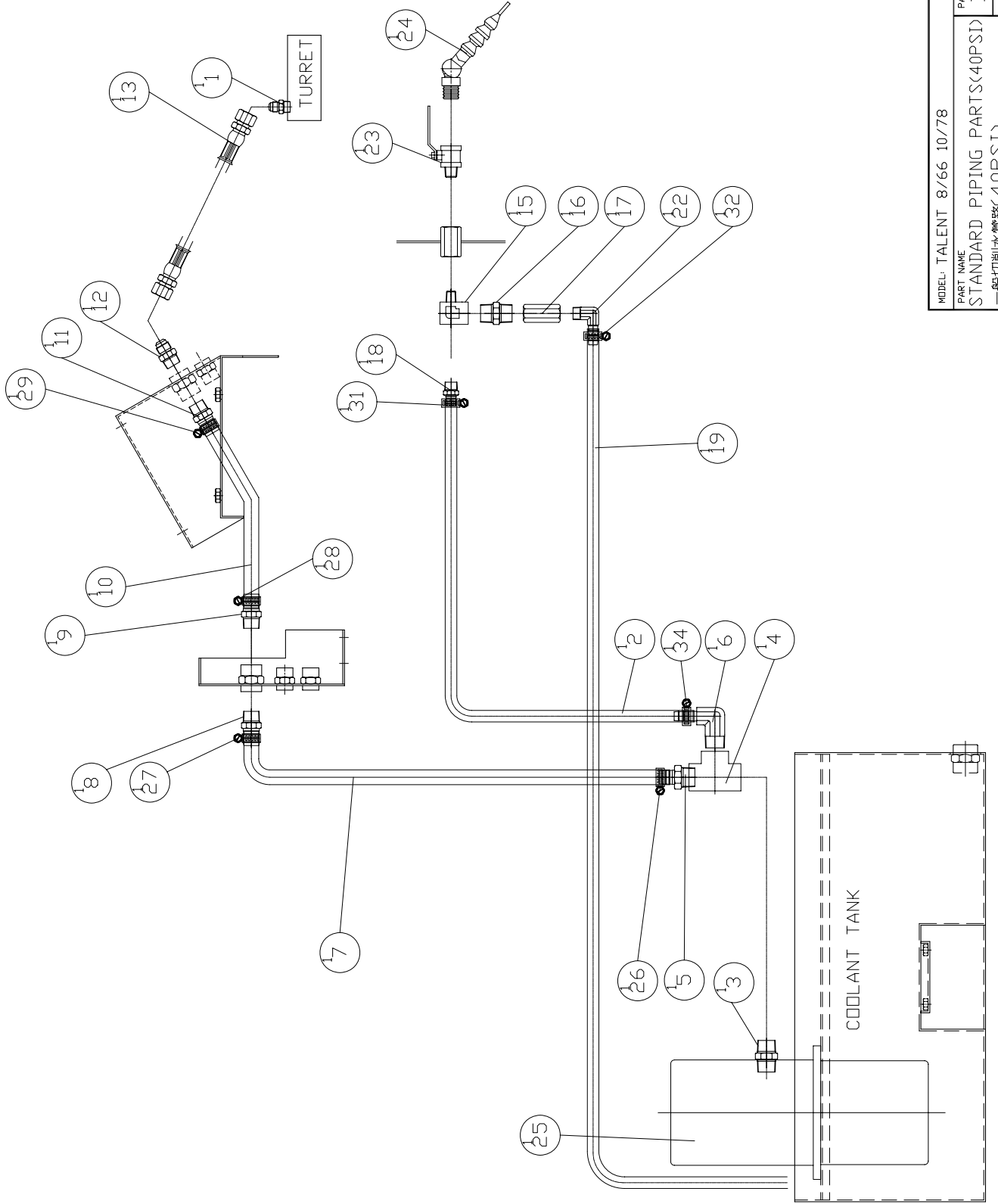
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	NV 00070110113	NOZZLE, COOLANT	冷卻水噴嘴(附調整開關)	PT1/4"x φ 4x17P	1.00	ST
2.00	NV 00077032101	PRESTO ADAPTER	夾壁式快速接頭	PT1/4x φ 8(CTCMF8-02)	1.00	EA
3.00	NV 00070070244	TUBING, PNEUMATIC	風壓用管	PU φ 8x φ 5(MINDMAN)1.05M	1.00	EA
4.00	NV 00077031302	PRESTO ADAPTER, ELBOW(ADJUSTAB	90度彎肘快速接頭(附調速)	PT1/4x φ 10(JDSC10-02B)	1.00	EA
5.00	NV 00113350102	MUFFLER, BREATHER	消音器	PT1/8	2.00	EA
6.00	NV 00077030702	PRESTO ADAPTER, ELBOW	90度彎肘快速接頭	PT1/4x φ 8(JPL8-02)	1.00	EA
7.00	NV 00077031702	PLUG, SOCKET HEX.	塞頭	PT1/4	1.00	EA
8.00	NV 00030480101	VALVE, 1/4 2 WAY PNEUMATIC	五口二位單線圈	1/4 SOLENOID VALVE 24V	1.00	EA
9.00	BL 00070070202	TUBING,PNEUMATIC	風壓用管	PU φ 10x φ 6.5(MINDMAN)5.2M	1.00	EA
10.00	NV 00077030806	STRAIGHT, PRESTO ADAPTER	直型快速接頭	PT1/4X φ 8(JPC8-02)	1.00	EA
11.00	NV 00077030901	PRESTO ADAPTER, STRIGHT(female	內牙直快速接頭(母)	PT1/4"(SF20)	1.00	EA
12.00	NV 00070070259	TUBING, PNEUMATIC	風壓用管	PU φ 8x φ 5(MINDMAN)6.2M	2.00	EA
13.00	NV 00077031806	ELBOW, BRASS 90 DEG MALE&FEMAL	90度平面接頭	1/8"fx1/8"m(P080)	1.00	EA
14.00	BL 00070070202	TUBING,PNEUMATIC	風壓用管	PU φ 10x φ 6.5(MINDMAN)5.2M	1.00	EA
15.00	NV 00077030702	PRESTO ADAPTER, ELBOW	90度彎肘快速接頭	PT1/4x φ 8(JPL8-02)	1.00	EA
16.00	NV 00077031602	TEE ADAPTER, FEMALE&MALE	內外牙三通	PT1/4"(male)xPT1/4"(female)xPT	1.00	ST
17.00	NV 00077031402	PRESTO ADAPTER, STRAIGHT MALE	外牙直快速接頭(公)	PT1/4"(PM20)	1.00	EA
18.00	NV 00100590301	HAND SLIDE VALVE	滑動開關	PT3/8	1.00	EA
19.00	NV 00107790112	FILTER/REGULATOR UNIT	兩點式三點組合	1/4 MACP300L-8AD	1.00	EA
20.00	NV 00077030811	STRAIGHT, PRESTO ADAPTER	直型快速接頭	PT1/4x φ 10(JPC10-02)	1.00	EA

# **Chapter 8**

切削水管路

## **Piping Parts**

REV	DESCRIPTION	DATE	ECN
A		2003/4/29	FR-016



MODEL: TALENT 8/66 10/78	SCALE: 1:12	REV: A
PART NAME: STANDARD PIPING PARTS<40PSI> 一般切削水管路<40PSI>	PART NUMBER: BL 000331001C	PAGE: 1 OF 1
DATE: 2003/7/25		

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000331001C

Description: STANDARD PIPING PARTS  
一般切削水管路(40PSI)

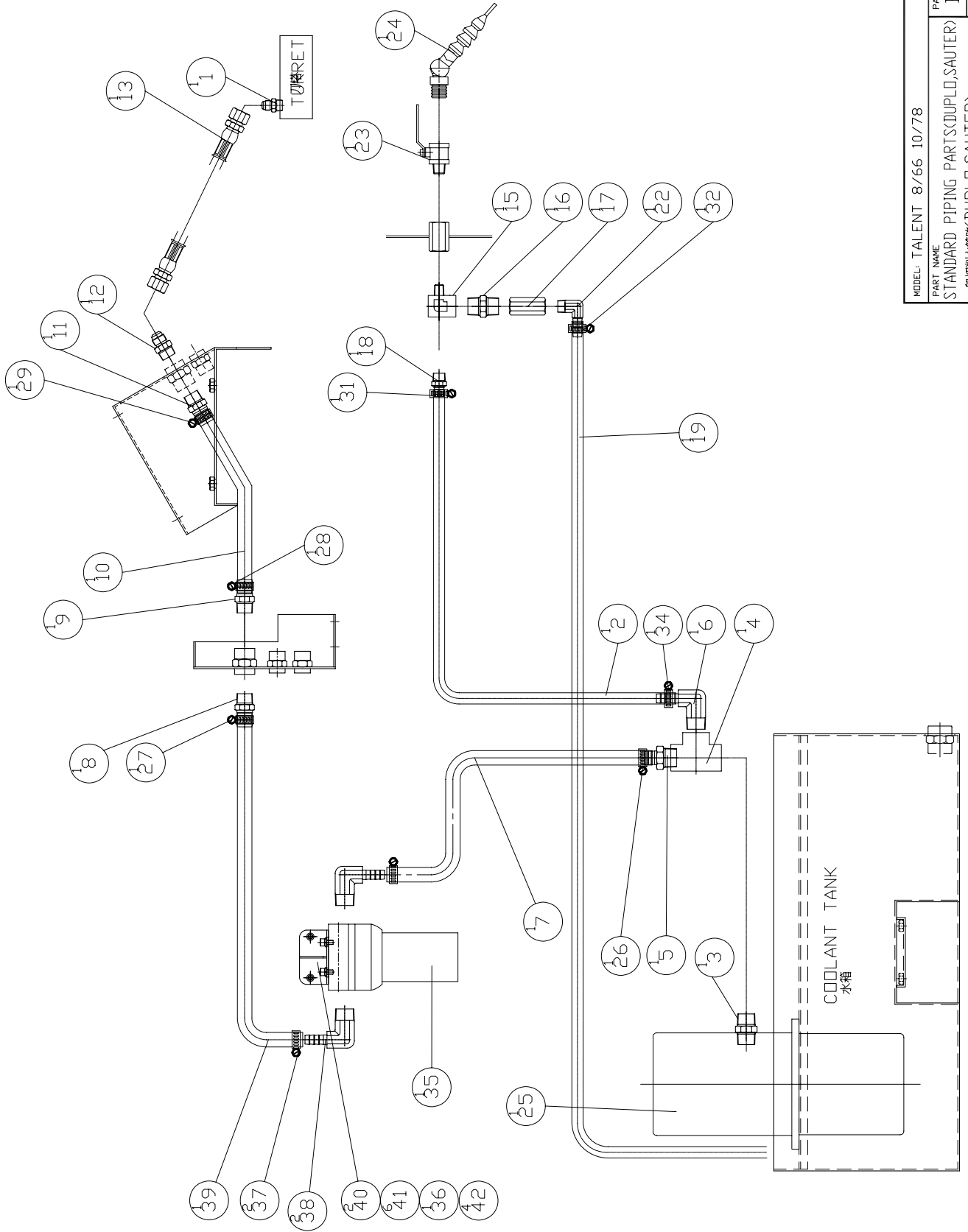
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00077030201	NIPPLE, STRAIGHT	直接頭	PF3/8"(male)X9/16"-18UNF(male)	1.00	EA
2.00	BL 00069650118	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	1/2"-1Bx8kg/cm2x5.5M	1.00	EA
3.00	NV 00077030207	CONNECTOR, STRAIGHT	直接頭	PT3/4"XPT3/4"	1.00	EA
4.00	NV 00077030405	TEE UNION	內螺紋三通	PT3/4"	1.00	EA
5.00	NV 00077030504	CONNECTOR	插心直接頭	PT3/4"XΦ3/4"	1.00	EA
6.00	NV 00077030520	CONNECTOR, 90 DEGREE	90度插心接頭	PT3/4"XΦ1/2"	1.00	EA
7.00	BL 00069650119	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	3/4"-1Bx8kg/cm2x1.65M	1.00	EA
8.00	NV 00077030503	CONNECTOR	插心直接頭	PT1/2"xΦ3/4"	1.00	EA
9.00	NV 00077030503	CONNECTOR	插心直接頭	PT1/2"xΦ3/4"	1.00	EA
10.00	BL 00069650119	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	3/4"-1Bx8kg/cm2x1.65M	1.00	EA
11.00	NV 00077030503	CONNECTOR	插心直接頭	PT1/2"xΦ3/4"	1.00	EA
12.00	NV 00077030225	NIPPLE, STRAIGHT	直接頭	PT1/2"x9/16"-18UNF	1.00	EA
13.00	BL 00069650105	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx1.65M	1.00	EA
15.00	NV 00077031603	TEE ADAPTER, FEMALE&MALE	內外牙三通	PT3/8mxPT3/8fPT3/8f(P104)	1.00	EA
16.00	NV 00077030219	NIPPLE, STRAIGHT	直接頭	PT3/8"TxPT3/8"t(P013)	1.00	EA
17.00	NV 00100590112	CHECK VALVE, AIR	風壓逆止閥	PT3/8(CV-03)	1.00	EA
18.00	NV 00077030522	CONNECTOR	插心直接頭	PT3/8"XΦ1/2"	1.00	EA
19.00	BL 00069650117	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	1/2"-1Bx8kg/cm2x1.2M	1.00	EA
22.00	NV 00077030521	CONNECTOR, 90 DEGREE	90度插心接頭	PT3/8"XΦ1/2"	1.00	EA
23.00	NV 00100590304	VALVE, COOLANT	內外牙考克	PT3/8"	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
24.00	NV 00070110103	NOZZLE, COOLANT	冷卻水噴嘴(扁嘴)	PT3/8"X13P(LAMELLIROSTRAL)	1.00	ST
25.00	BL 00033250103	PUMP, COOLANT	切削水泵浦	[GRUNDFOS] MTH2-30/3	1.00	ST
26.00	NV 00069660301	CLAMP, HOSE	不銹鋼管夾	1 1/4"	1.00	EA
27.00	NV 00069660301	CLAMP, HOSE	不銹鋼管夾	1 1/4"	1.00	EA
28.00	NV 00069660301	CLAMP, HOSE	不銹鋼管夾	1 1/4"	1.00	EA
29.00	NV 00069660301	CLAMP, HOSE	不銹鋼管夾	1 1/4"	1.00	EA
31.00	NV 00069660303	CLAMP, HOSE	不銹鋼管夾	7/8"	1.00	EA
32.00	NV 00069660303	CLAMP, HOSE	不銹鋼管夾	7/8"	1.00	EA
34.00	NV 00069660303	CLAMP, HOSE	不銹鋼管夾	7/8"	1.00	EA



REV	DESCRIPTION	DATE	ECN
A	標準版	2006/6/29	00003



MODEL: TALENT 8/66 10/78
PART NAME STANDARD PIPING PARTS(DUPLD,SAUTER) 一般切削水管部(DUPLD,SAUTER)
PART NUMBER BL 000331011C
DATE 2006/6/29
SCALE 1:12
REV. A
PAGE 1 OF 1

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000331011C

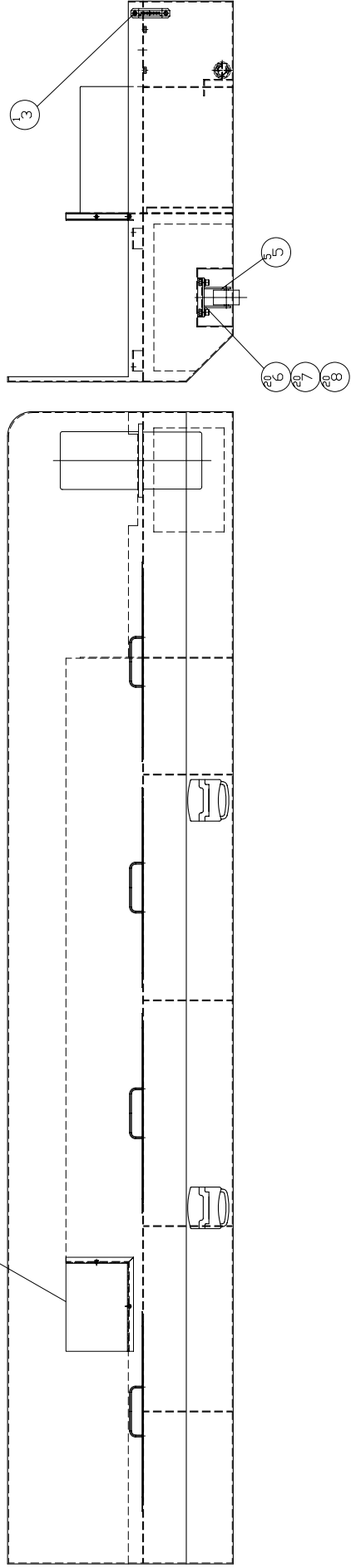
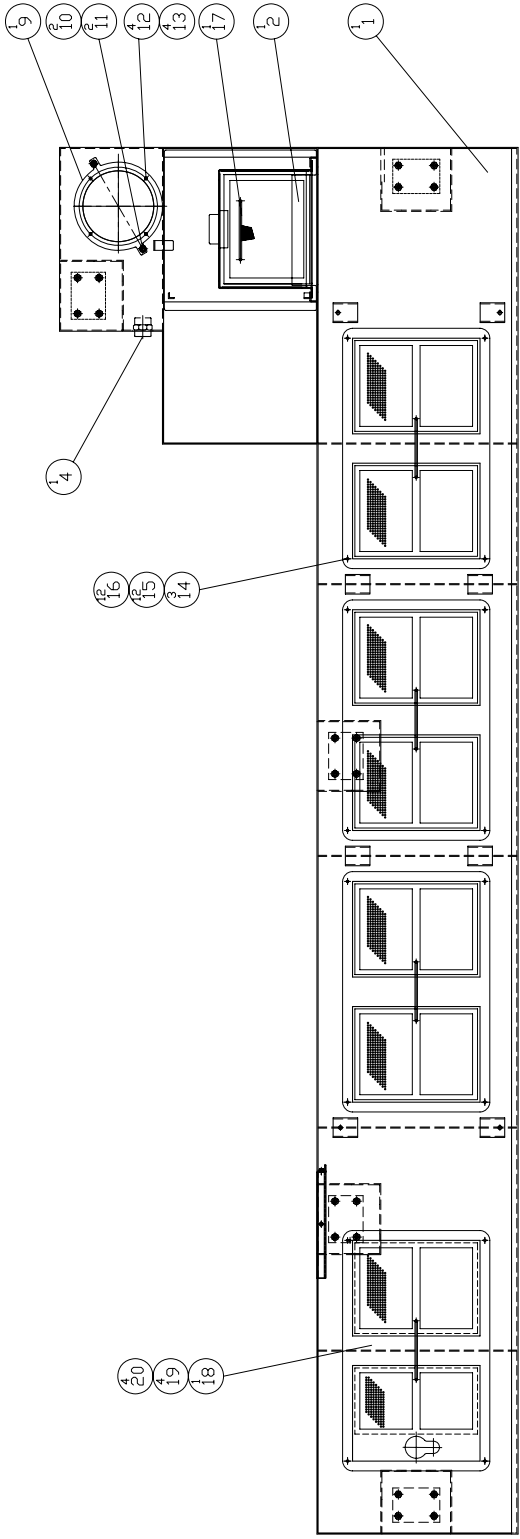
Description: STANDARD PIPING PARTS  
一般切削水管路(DUPLO,SAUTER)

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 00077030201	NIPPLE, STRAIGHT	直接頭	PF3/8"(male)X9/16"-18UNF(male)	1.00	EA
2.00	BL 00069650118	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	1/2"-1Bx8kg/cm2x5.5M	1.00	EA
3.00	NV 00077030207	CONNECTOR, STRAIGHT	直接頭	PT3/4"XPT3/4"	1.00	EA
4.00	NV 00077030405	TEE UNION	內螺紋三通	PT3/4"	1.00	EA
5.00	NV 00077030504	CONNECTOR	插心直接頭	PT3/4"XΦ3/4"	1.00	EA
6.00	NV 00077030520	CONNECTOR, 90 DEGREE	90度插心接頭	PT3/4"XΦ1/2"	1.00	EA
7.00	BL 00069650119	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	3/4"-1Bx8kg/cm2x1.65M	1.00	EA
8.00	NV 00077030503	CONNECTOR	插心直接頭	PT1/2"xΦ3/4"	1.00	EA
9.00	NV 00077030503	CONNECTOR	插心直接頭	PT1/2"xΦ3/4"	1.00	EA
10.00	BL 00069650119	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	3/4"-1Bx8kg/cm2x1.65M	1.00	EA
11.00	NV 00077030503	CONNECTOR	插心直接頭	PT1/2"xΦ3/4"	1.00	EA
12.00	NV 00077030225	NIPPLE, STRAIGHT	直接頭	PT1/2"x9/16"-18UNF	1.00	EA
13.00	BL 00069650105	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	R1-Φ3/8"Xw9/16"-18UNFx1.65M	1.00	EA
15.00	NV 00077031603	TEE ADAPTER, FEMALE&MALE	內外牙三通	PT3/8mxPT3/8fPT3/8f(P104)	1.00	EA
16.00	NV 00077030219	NIPPLE, STRAIGHT	直接頭	PT3/8"TxPT3/8"t(P013)	1.00	EA
17.00	NV 00100590112	CHECK VALVE, AIR	風壓逆止閥	PT3/8(CV-03)	1.00	EA
18.00	NV 00077030522	CONNECTOR	插心直接頭	PT3/8"XΦ1/2"	1.00	EA
19.00	BL 00069650117	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	1/2"-1Bx8kg/cm2x1.2M	1.00	EA
22.00	NV 00077030521	CONNECTOR, 90 DEGREE	90度插心接頭	PT3/8"XΦ1/2"	1.00	EA
23.00	NV 00100590304	VALVE, COOLANT	內外牙考克	PT3/8"	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
24.00 NV 00070110103	NOZZLE, COOLANT	冷卻水噴嘴(扁嘴)	PT3/8"X13P(LAMELLIROSTRAL)	1.00	ST
25.00 BL 00033250103	PUMP, COOLANT	切削水泵浦	[GRUNDFOS] MTH2-30/3	1.00	ST
26.00 NV 00069660301	CLAMP, HOSE	不銹鋼管夾	1 1/4"	1.00	EA
27.00 NV 00069660301	CLAMP, HOSE	不銹鋼管夾	1 1/4"	1.00	EA
28.00 NV 00069660301	CLAMP, HOSE	不銹鋼管夾	1 1/4"	1.00	EA
29.00 NV 00069660301	CLAMP, HOSE	不銹鋼管夾	1 1/4"	1.00	EA
31.00 NV 00069660303	CLAMP, HOSE	不銹鋼管夾	7/8"	1.00	EA
32.00 NV 00069660303	CLAMP, HOSE	不銹鋼管夾	7/8"	1.00	EA
34.00 NV 00069660303	CLAMP, HOSE	不銹鋼管夾	7/8"	1.00	EA
35.00 BL 000599001A	FILTER 10"	濾油罐 10"	FILTRATION=180uM	1.00	ST
36.01 BL 001011559A	PLATE OF FILTER[180uM]	濾油罐固定座	L80xW75xH40	1.00	ST
37.00 NV 00077030506	CONNECTOR, 90 DEGREE	90度插心接頭	PT3/4"X φ 3/4"	2.00	ST
38.00 NV 00069660303	CLAMP, HOSE	不銹鋼管夾	7/8"	2.00	ST
39.00 NV 00069650190	HOSE, FLEXIBLE HYDRAULIC	耐油橡膠管	3/4"-1Bx8kg/cm2(L 0.7 m)	1.00	ST
40.00 MS 0103616	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL12	2.00	ST
41.00 MW 0103610	FLAT WASHER	平墊圈	M6(d6*D19*H2)	6.00	ST
42.00 MS 0153616	HEX HD., FULL THD	六角頭螺絲	M6x1xL12	4.00	ST

REV	DESCRIPTION	DATE	ECN
A	標準仕様	2003/4/29	TBL0166
B	14個の9000USGの冷却機を標準仕様から00015500Xに変更	2005/07/21	TBL0194
C	標準仕様1個の冷却機を2.2kWの冷却機2.3kWに変更	2007/6/12	571



MODEL	TALENT 8/66 10/78
PART NAME	COOLANT TANK WELD ASSY 冷却機水箱
PART NUMBER	BL 000331501C
DATE	2003/8/5
SCALE	1:16
PAGE	1 OF 1
REV.	C

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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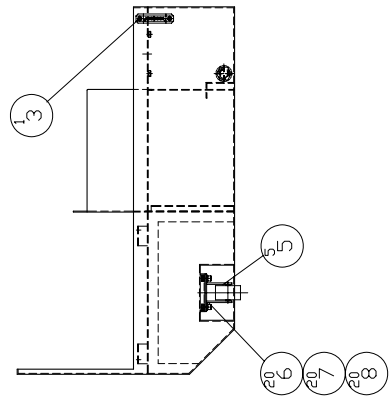
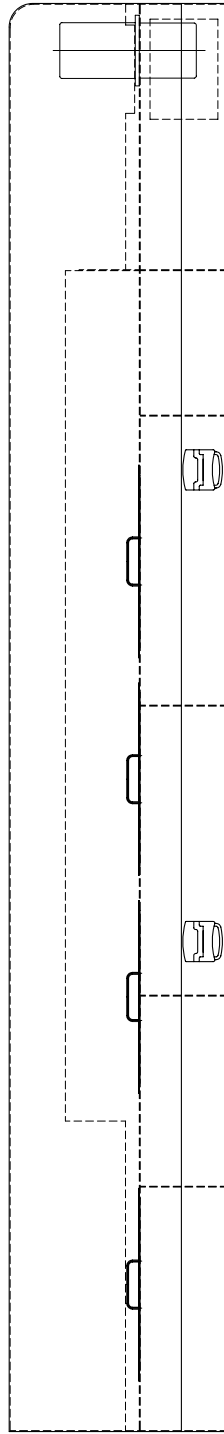
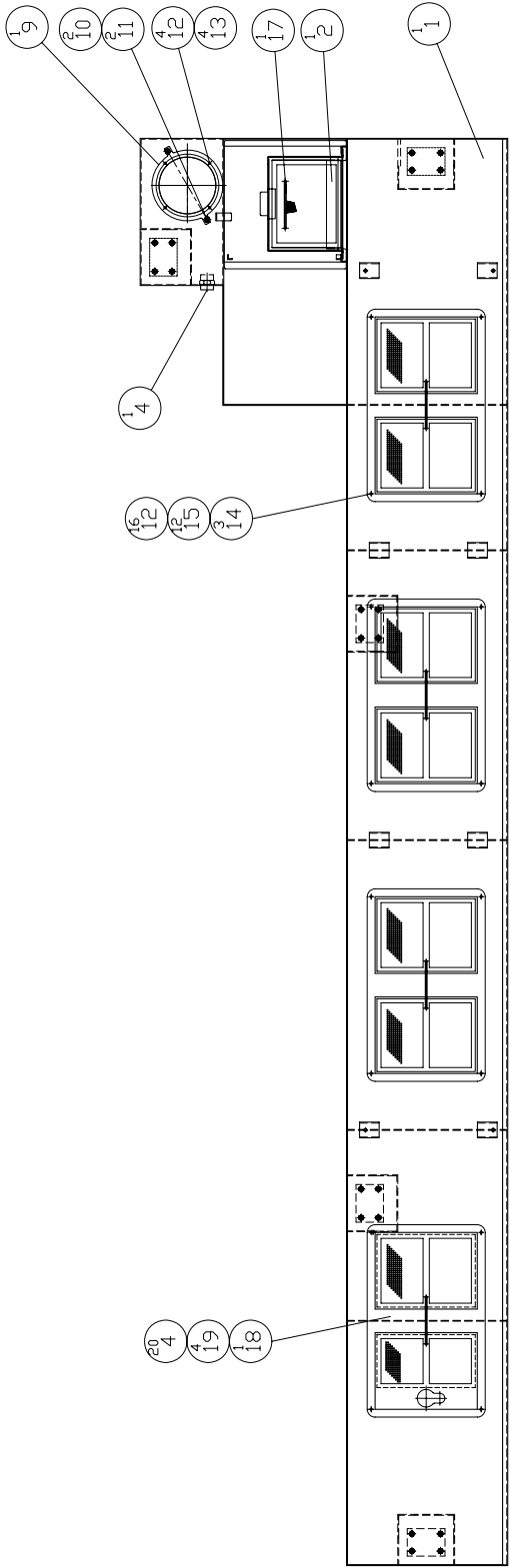
Master Item Part NO.: BL 000331501C  
Description: COOLANT TANK WELD ASSYCOOLAN  
                  切削水箱

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.02	BLA000199008C	COOLANT TANK	切削水箱	L1897xW1790xH488	1.00	EA
2.00	BL 000199027C	SCREEN, COOLANT TANK	過濾網	L287xW220xH170	1.00	EA
3.00	NV 00113180101	GAUGE LEVEL	油面計	3"	1.00	EA
4.00	NV 00077031708	PLUG, SOCKET HEX.	塞頭	PT1	1.00	EA
5.00	NV 00115570101	SWIVEL	活動輪	2(1/2")(MT02PA)	5.00	EA
6.00	MS 0103817	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL16	20.00	EA
7.00	MW 0183810	SPRING WASHER	彈簧墊圈	M8	20.00	EA
8.00	MW 0103810	FLAT WASHER	平墊圈	M8 (d8*D22.2)	20.00	EA
9.00	BL 000299024A	COVER	蓋板	L220xd145xH5	1.00	EA
10.00	MS 0353818	Wing Screw	翼型螺絲	M8xP1.25xL20	2.00	EA
11.00	MN 0113810	HEXAGON NUT	六角螺帽	M8xP1.25	2.00	EA
12.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	4.00	EA
13.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	4.00	EA
14.00	NVB001011530A	COVER, COOLANT TANK	蓋板	L560xW300xH32.5	4.00	EA
15.00	MS 0103414	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M4xP0.7xL8	12.00	EA
16.00	MW 0183410	SPRING WASHER	彈簧墊圈	M4	12.00	EA
17.00	BL 000499035C	COVER, COOLANT TANK	蓋板	L327xW310x32.5	1.00	EA
18.01	BL 001011530C	COVER, COOLANT TANK	蓋板	L490xW300xH2.3	1.00	EA
19.00	MS 0103414	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M4xP0.7xL8	4.00	EA
20.00	MW 0183410	SPRING WASHER	彈簧墊圈	M4	4.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
21.00	BL 000699022C	PLATE,COOLANT TANK SPLASH GUAR	水箱擋水板	L230.7xW165.7xH18.3	1.00	ST

REV.	DESCRIPTION	DATE	ECN.
0	新機試製	2005/12/8	REL-0000



MODEL: TALENT 8/66L 10/78L	PART NUMBER	REV. 0
PART NAME	BL 000331501F	PAGE 1 OF 1
COOLANT TANK WELD ASSY	切刃水タンク	SCALE 1:20
DATE 2005/12/8	DATE	SCALE 1:20

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000331501F

Description: COOLANT TANK WELD ASSY  
切削水箱

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 000199008F	COOLANT TANK	切削水箱	3634X935X553	1.00	EA
2.00	BL 000199027C	SCREEN, COOLANT TANK	過濾網	L287xW220xH170	1.00	EA
3.00	NV 00113180101	GAUGE LEVEL	油面計	3"	1.00	EA
4.00	NV 00077031708	PLUG, SOCKET HEX.	塞頭	PT1	1.00	EA
5.00	NV 00115570101	SWIVEL	活動輪	2(1/2")(MT02PA)	5.00	EA
6.00	MS 0103817	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL16	20.00	EA
7.00	MW 0183810	SPRING WASHER	彈簧墊圈	M8	20.00	EA
8.00	MW 0103810	FLAT WASHER	平墊圈	M8 (d8*D22.2)	20.00	EA
9.00	BL 000299024A	COVER	蓋板	L220xd145xH5	1.00	EA
10.00	MS 0353818	Wing Screw	翼型螺絲	M8xP1.25xL20	2.00	EA
11.00	MN 0113810	HEXAGON NUT	六角螺帽	M8xP1.25	2.00	EA
12.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	4.00	EA
14.00	NVB001011530A	COVER, COOLANT TANK	蓋板	L560xW300xH32.5	3.00	EA
15.00	MS 0103414	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M4xP0.7xL8	12.00	EA
16.00	MW 0183410	SPRING WASHER	彈簧墊圈	M4	12.00	EA
17.00	BL 000499035C	COVER, COOLANT TANK	蓋板	L327xW310x32.5	1.00	EA
18.01	BL 001011530C	COVER, COOLANT TANK	蓋板	L490xW300xH2.3	1.00	EA
19.00	MS 0103414	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M4xP0.7xL8	4.00	EA
20.00	MW 0183410	SPRING WASHER	彈簧墊圈	M4	4.00	EA
130.00	MW 0183610	SPRING WASHER	彈簧墊圈	M6	4.00	EA

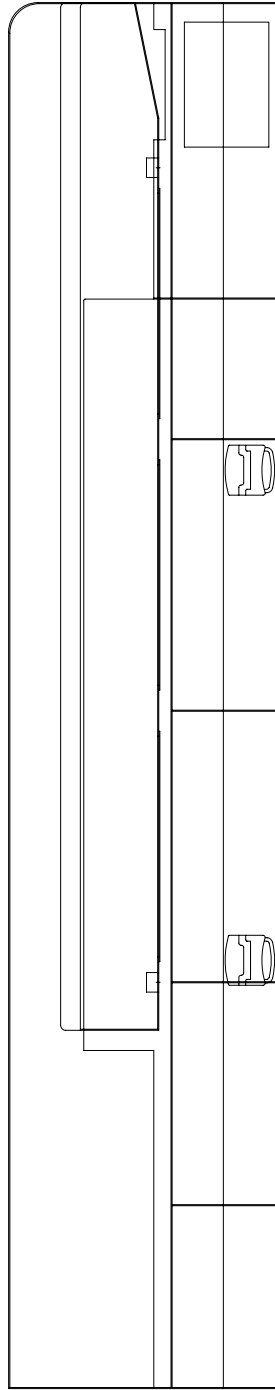
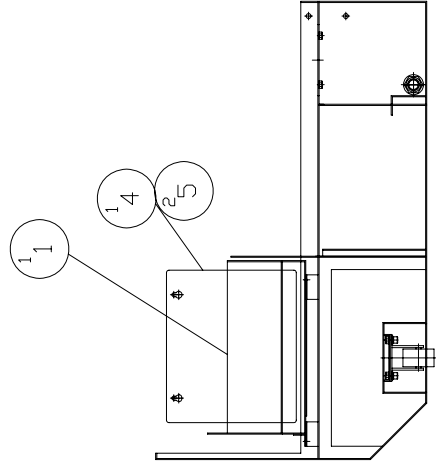
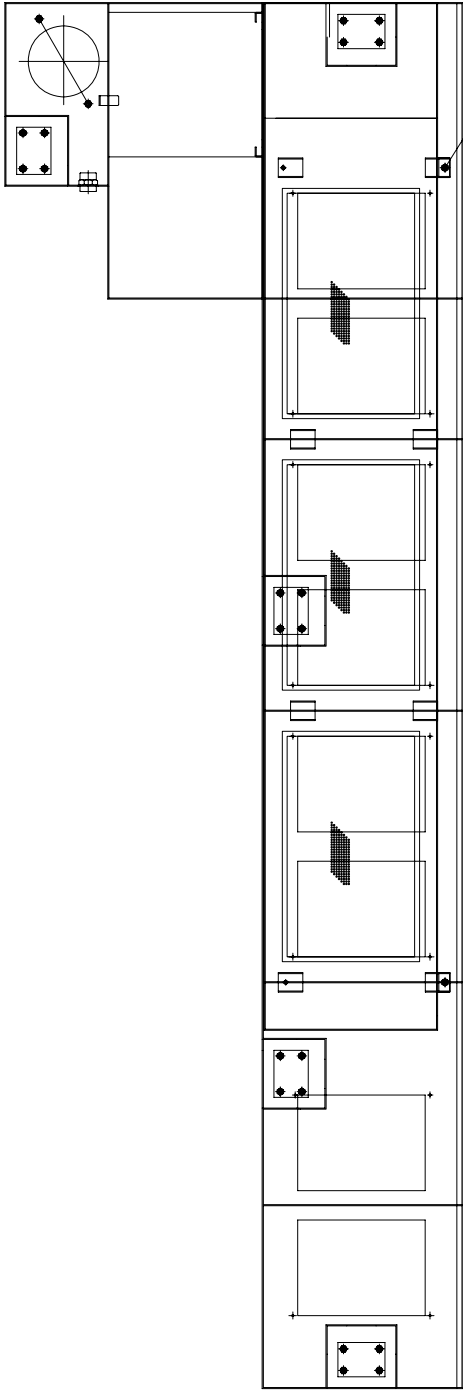


# Chapter 9

除削

Chip

REV	DESCRIPTION	DATE	ECN
A	標準版	2003/12/19	TBL016



〈無鐵屑輸送機時使用〉

MODEL	TALENT 8/66 10/78
PART NAME	CHIP COLLECTOR
PART NUMBER	BL 000331508C
DATE	2003/12/19
SCALE	1:16
PAGE	1 OF 1
REV.	A

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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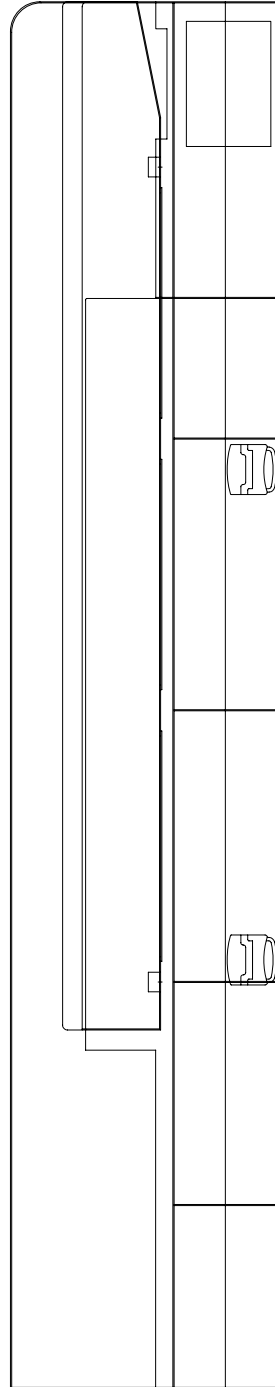
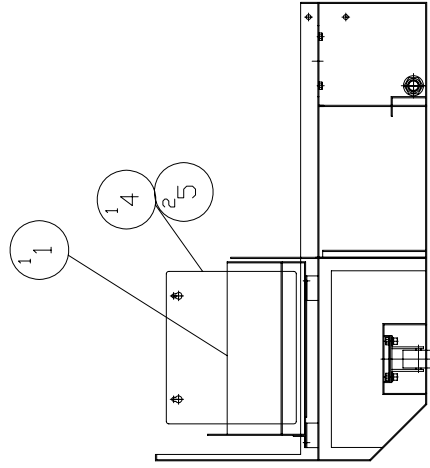
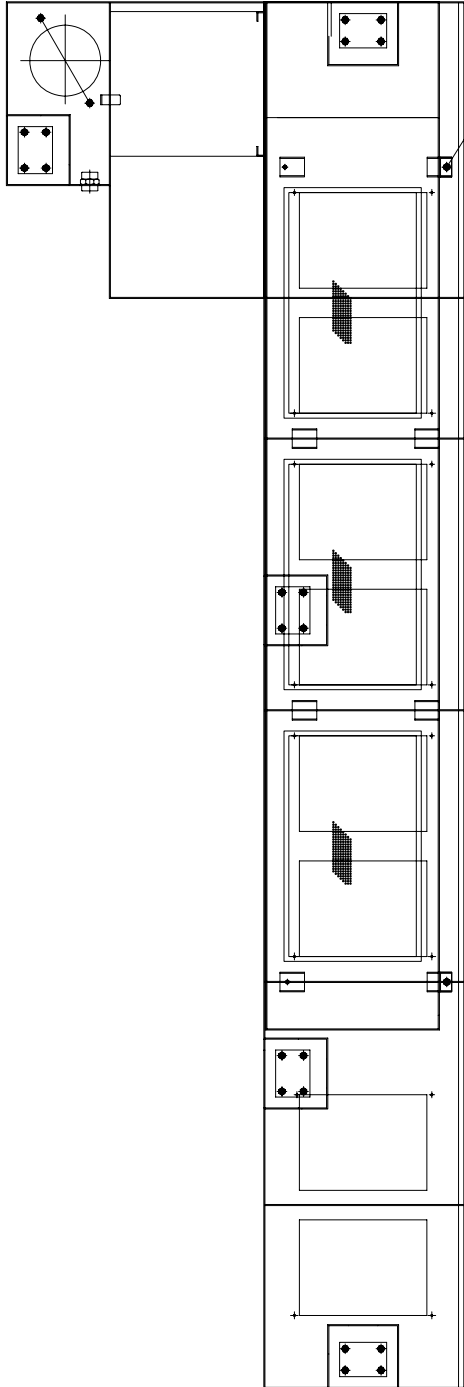
Master Item Part NO.: BL 000331508C

Description: CHIP COLLECTOR  
集屑槽

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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 000299023C	CHIP COLLECTOR	集屑槽	L2097xW384xH196	1.00	EA
2.00	MS 0103815	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL10	2.00	EA
3.00	MW 0183810	SPRING WASHER	彈簧墊圈	M8	2.00	EA
4.01	BL 000299022C	SPLASH GUARD	檔水板	L311xW267xH2.3	1.00	EA
5.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	2.00	EA

REV	DESCRIPTION	DATE	ECN
0	新機試製	2005/12/22	REL F0000



〈無織原輸送機時使用〉

MODEL	TALENT 8/66L 10/78L
PART NAME	CHIP COLLECTOR
PART NUMBER	BL 000331508F
DATE	2005/12/22
SCALE	1:16
PAGE	1 OF 1
REV.	0

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000331508F

Description: CHIP COLLECTOR  
集屑槽

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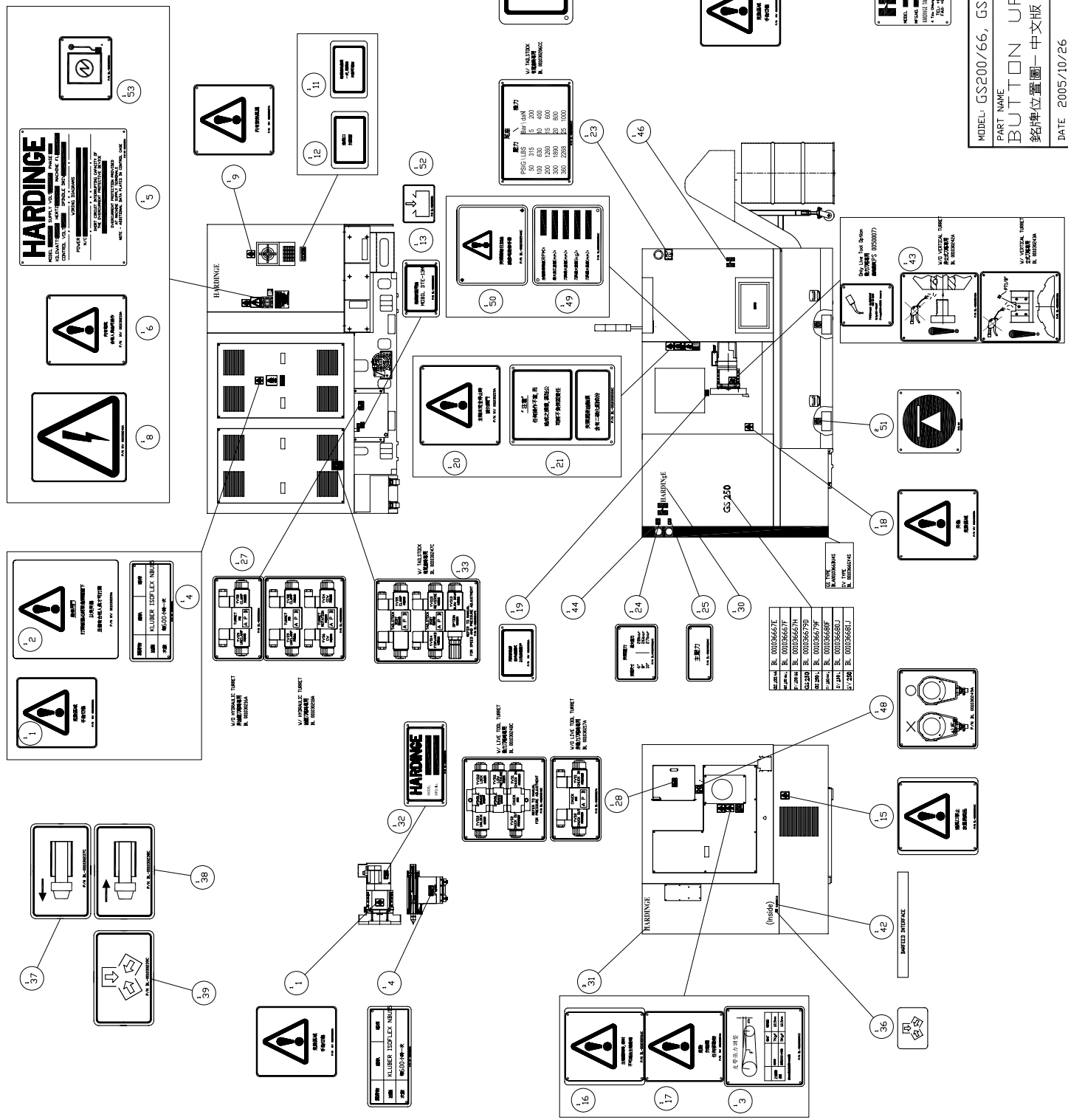
Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	BL 000299023F	CHIP CONVYOR	集屑槽	2623X379X200	1.00	EA
2.00	MS 0103815	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M8xP1.25xL10	2.00	EA
3.00	MW 0183810	SPRING WASHER	彈簧墊圈	M8	2.00	EA
4.01	BL 000299022C	SPLASH GUARD	檔水板	L311xW267xH2.3	1.00	EA
5.00	MS 0103617	SOCKET HEAD CAP SCREW	六角穴圓頭螺絲	M6xP1.0xL16	2.00	EA

# Chapter 10

銘牌

Tag

REV	DESCRIPTION	DATE	ECN
A	NY-00103020A, QTY 2-->3	2005/4/27	TBL0164
B	ADD BL-001030226A	2005/6/27	TBL0174
C	ADD BL-001030249A	2005/7/26	TBL0198
D	ADD BL-001030249A	2007/6/28	645
E	ADD BL-001030254AC	2007/8/16	721
F	ADD BL-001030368A	2007/10/15	863
G	ADD BL-001030368A	2007/10/15	863
H	ADD BL-001030368A	2007/12/5	777



MODEL: GS200/66, GS250, GS200/66L, GS250L,  
 PART NAME: **BUTTON UP-Chinese**  
 PART NUMBER: **BL 00011101CC**  
 銘牌位置圖—中文版  
 DATE: 2005/10/26  
 SCALE: 1:55  
 REV: H  
 PAGE: 1 OF 1

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000111101CC

Description: BUTTON UP-CHINESE  
銘牌位置圖-中文版

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	NV 001030202A	TAG, FINGER SHEAR	銘牌	L76xW67	3.00	EA
2.00	NV 001030209A	TAG, SERVICE ACCESS	銘牌	L100xW94	1.00	EA
3.00	BL 001030209CC	TAG, BELT TENSION	銘牌	L76xW76	1.00	EA
4.00	NV 001030215A	TAG, LUBRICATION	銘牌	L95xW41	2.00	EA
5.00	NV 001030253A	TAG, DATA PLATE BLANK	電氣銘牌	L162xW127	1.00	EA
6.00	NV 001030210A	TAG, ELEC. ENCLOSURE	銘牌	L76xW67	1.00	EA
8.00	NVA001030240A	TAG, ELECTRICAL HAZARD	銘牌	L94xW100	1.00	EA
9.00	NV 001030207A	TAG, FAN BLADES	銘牌	L76xW67	1.00	EA
11.00	NV 001030200A	TAG, FILTER CLEANING	銘牌	L54xW35	1.00	EA
12.00	NV 001030201A	TAG, AIR INLET	銘牌	L54xW35	1.00	EA
13.00	BL 001030205AC	TAG, LUBRICATION	銘牌-中文	L54xW35	1.00	EA
14.00	NVC001030221A	TAG, MACHINE MODEL	機型銘牌	L120xW90xH0.8	1.00	EA
15.00	BL 001030204AC	TAG, FAN WARNING	銘牌-中文	L76xW67	1.00	EA
16.00	BL 001030201AC	TAG, BAR STOCK	銘牌-中文	L67xW76	1.00	EA
17.00	NV 001030204A	TAG, ROTATING PARTS	銘牌	L76xW67	1.00	EA
18.00	NV 001030205A	TAG, PINCH POINT	銘牌	L76xW67	1.00	EA
19.00	NV 001030211A	TAG, WINDOW CLEANING	銘牌	L54xW35	1.00	EA
20.00	NV 001030219A	TAG, SPINDLE ROTATION	銘牌	L76xW76	1.00	EA
21.00	BL 001030202AC	TAG, MISUSE	銘牌-中文	L76xW100	1.00	EA
22.00	NV 001030206A	TAG, RS232	銘牌	L54xW35	1.00	EA



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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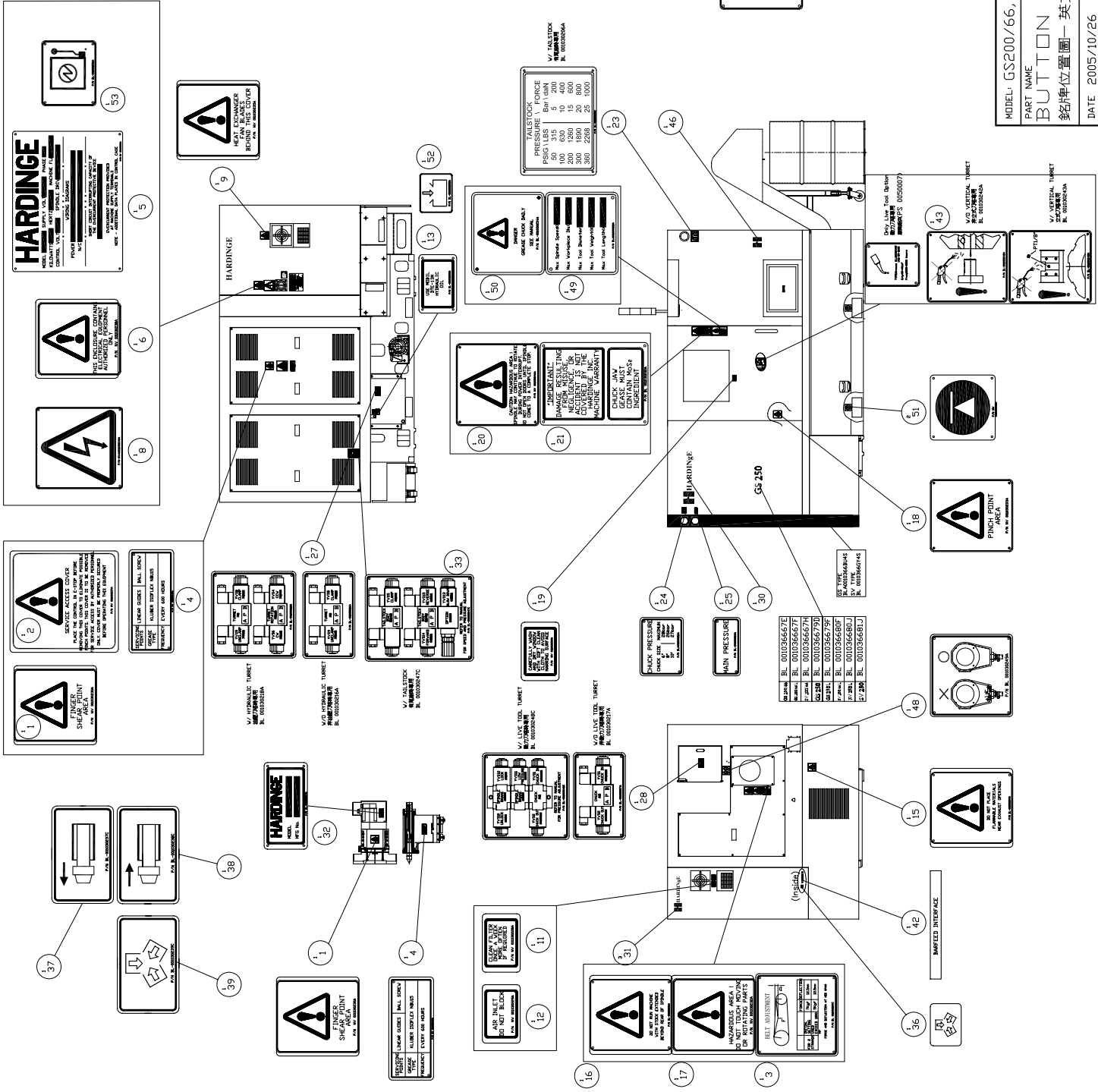
Item Part NO.	Description	中文名稱	Specification	Qty	Unit
23.00	BL 001030206CC TAG, TAILSTOCK PRESSURE	銘牌	L70xW100	1.00	EA
24.00	BLA001030211AC TAG, CHUCK PRESSURE	夾頭壓力銘牌	L54xW40	1.00	EA
25.00	BL 001030212AC TAG, MAIN PRESSURE	銘牌	L54xW25	1.00	EA
26.00	BL 001030213C TAG, SOLENOID	電磁閥銘牌	L80xW48	1.00	EA
27.00	BL 001030216A TAG, SOLENOID	銘牌	L80xW48	1.00	EA
28.00	BL 001030217A TAG, SOLENOID	銘牌	L80xW48	1.00	EA
30.00	CM 0010366LHAR TAG, HARDINGE LOGO	HARDINGE LOGO銘牌	PER ATTACHMENT	1.00	EA
31.00	CM 0010366THAR TAG, HARDINGE LOGO	HARDINGE LOGO銘牌	PER ATTACHMENT	3.00	EA
32.00	BL 001030207A TAG, MODEL	鋁銘牌	L80xW40	1.00	EA
33.00	BL 001030247C TAG, SOLENOID(TAILSTOCK)	電磁閥銘牌(尾座)	L80xW100	1.00	EA
34.00	BL 001030221A TAG / CHIP CONVEYOR	銘牌	L19xW26	1.00	EA
36.00	BL 001030230D TAG, FOOT SWITCH	腳踏開關銘牌	L26xW19	1.00	EA
37.00	BL 001030237C TAG, TAILSTOCK QUILL	尾座心軸銘牌	L60xW38	1.00	EA
38.00	BL 001030238C TAG, TAILSTOCK QUILL	尾座心軸銘牌	L60xW38	1.00	EA
39.00	BL 001030239C TAG, FOOT SWITCH	腳踏開關銘牌	L60xW38	1.00	EA
40.00	BL 001030237D TAG, TAILSTOCK QUILL	尾座心軸銘牌	L26xW19	1.00	EA
41.00	BL 001030235C TAG / COOLANT	切削水銘牌	L19xW26	1.00	EA
42.00	BL 001030240C TAG	銘牌	L100xW10	1.00	EA
43.00	BL 001030242A TAG,TURRET WITH VDI	VDI刀塔銘牌	L76xW67	1.00	EA
46.00	CM 0010366SH TAG, HARDINGE LOGO	HARDINGE LOGO銘牌(小H)	PER ATTACHMENT(L60xW60)	1.00	EA
48.00	BL 001030249A TAG, COOLANT COLLECTOR	集水槽銘牌	W76*L76	1.00	EA
49.00	BLA001030228AC TAG, SPINDLE SPEED	主軸轉速銘牌(中文)	L76xW67	1.00	EA
50.00	BL 001030254AC CHUCK TAG,-CHINESE	夾頭潤滑保養銘牌-中文	L76xW67	1.00	ST

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
51.00	NV 001030368A	TAG, LIFTING POINT	堆高機舉起處銘牌	L60xW60	1.00	ST
52.00	BL 001030255A	TAG, OIL INLET	注油口銘牌	L36xW30	1.00	ST
53.00	BL 001030256A	TAG,POWER SWITCH	電源開關銘牌	L60xW50	1.00	ST

REV	DESCRIPTION	DATE	EON
A	INV-001030230A, QTY 2-23	2005/4/27	TL0164
B	ADD BL-001030230A	2005/6/17	TL0174
C	ADD B 001030249A	2005/10/26	TL0198
D	REVISED HARDINGE	2007/6/28	643
E	REVISED HARDINGE	2007/8/7	721
F	REVISED BL-001030230A	2007/10/15	770
G	REVISED BL-001030368A	2007/10/15	863
H	REVISED 2, 5, 3	2007/12/5	777

FOR USA ONLY



MODEL: GS200/66, GS250	PART NUMBER
BUTTON UP-English	BL 00011101C
銘牌位置圖-英文	PAGE 1 OF 1
DATE 2005/10/26	SCALE 1:55
REV. H	

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000111101C  
Description: BUTTON UP-USA  
銘牌位置圖-USA

Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
1.00	NV 001030230A	TAG, FINGER SHEAR	銘牌	L67xW76	3.00	EA
2.00	NV 001030237A	TAG, SERVICE ACCESS	銘牌	L94xW100	1.00	EA
3.00	BL 001030209C	TAG, BELT TENSION	銘牌	L76xW76	1.00	EA
4.00	NV 001030242A	TAG, LUBRICATION	銘牌	L95xW41	2.00	EA
5.00	NV 001030253A	TAG, DATA PLATE BLANK	電氣銘牌	L162xW127	1.00	EA
6.00	NV 001030238A	TAG, ELEC. ENCLOSURE	銘牌	L67xW76	1.00	EA
8.00	NVA001030240A	TAG, ELECTRICAL HAZARD	銘牌	L94xW100	1.00	EA
9.00	NV 001030235A	TAG, FAN BLADES	銘牌	L67xW76	1.00	EA
11.00	NV 001030228A	TAG, FILTER CLEANING	銘牌	L54xW35	1.00	EA
12.00	NV 001030229A	TAG, AIR INLET	銘牌	L54xW35	1.00	EA
13.00	BL 001030205A	TAG, LUBRICATION	銘牌	L54xW35	1.00	EA
14.00	NVC001030221A	TAG, MACHINE MODEL	機型銘牌	L120xW90xH0.8	1.00	EA
15.00	BL 001030204A	TAG, FAN WARNING	銘牌	L76xW67	1.00	EA
16.00	BL 001030201A	TAG, BAR STOCK	銘牌	L67xW76	1.00	EA
17.00	NV 001030232A	TAG, ROTATING PARTS	銘牌	L67xW76	1.00	EA
18.00	NV 001030233A	TAG, PINCH POINT(USA)	銘牌	L67xW76	1.00	EA
19.00	NV 001030239A	TAG, WINDOW CLEANING	銘牌	L54xW35	1.00	EA
20.00	NV 001030246A	TAG, SPINDLE ROTATING	銘牌	L76xW76	1.00	EA
21.00	BL 001030202A	TAG, MISUSE	銘牌	L76xW100	1.00	EA
22.00	NV 001030234A	TAG, RS 232	銘牌	L54xW35	1.00	EA

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item Part NO.	Description	中文名稱	Specification	Qty	Unit
23.00	BL 001030206C	TAG, TAILSTOCK PRESSURE	銘牌 L70xW100	1.00	EA
24.00	BLA001030211A	TAG,CHUCK PRESSURE	夾頭壓力銘牌 L54xW40	1.00	EA
25.00	BL 001030212A	TAG, MAIN PRESSURE	銘牌 L54xW25	1.00	EA
26.00	BL 001030213C	TAG, SOLENOID	電磁閥銘牌 L80xW48	1.00	EA
27.00	BL 001030216A	TAG, SOLENOID	銘牌 L80xW48	1.00	EA
28.00	BL 001030217A	TAG, SOLENOID	銘牌 L80xW48	1.00	EA
30.00	CM 0010366LHAR	TAG, HARDINGE LOGO	HARDINGE LOGO銘牌 PER ATTACHMENT	1.00	EA
31.00	CM 0010366THAR	TAG, HARDINGE LOGO	HARDINGE LOGO銘牌 PER ATTACHMENT	3.00	EA
32.00	BL 001030207A	TAG, MODEL	銘牌 L80xW40	1.00	EA
33.00	BL 001030247C	TAG, SOLENOID(TAILSTOCK)	電磁閥銘牌(尾座) L80xW100	1.00	EA
34.00	BL 001030221A	TAG / CHIP CONVEYOR	銘牌 L19xW26	1.00	EA
36.00	BL 001030230D	TAG, FOOT SWITCH	腳踏開關銘牌 L26xW19	1.00	EA
37.00	BL 001030237C	TAG, TAILSTOCK QUILL	尾座心軸銘牌 L60xW38	1.00	EA
38.00	BL 001030238C	TAG, TAILSTOCK QUILL	尾座心軸銘牌 L60xW38	1.00	EA
39.00	BL 001030239C	TAG, FOOT SWITCH	腳踏開關銘牌 L60xW38	1.00	EA
40.00	BL 001030237D	TAG, TAILSTOCK QUILL	尾座心軸銘牌 L26xW19	1.00	EA
41.00	BL 001030235C	TAG /COOLANT	切削水銘牌 L19xW26	1.00	EA
42.00	BL 001030240C	TAG	銘牌 L100xW10	1.00	EA
43.00	BL 001030242A	TAG,TURRET WITH VDI	VDI刀塔銘牌 L76xW67	1.00	EA
46.00	CM 0010366SH	TAG, HARDINGE LOGO	HARDINGE LOGO銘牌(小H) PER ATTACHMENT(L60xW60)	1.00	EA
48.00	BL 001030249A	TAG, COOLANT COLLECTOR	集水槽銘牌 W76*L76	1.00	EA
49.00	BLA001030228A	TAG, SPINDLE SPEED	主軸轉速銘牌 L76xW67	1.00	EA
50.00	BL 001030254A	CHUCK TAG,-ENGLISH	夾頭潤滑保養銘牌-英文 L76xW67	1.00	ST

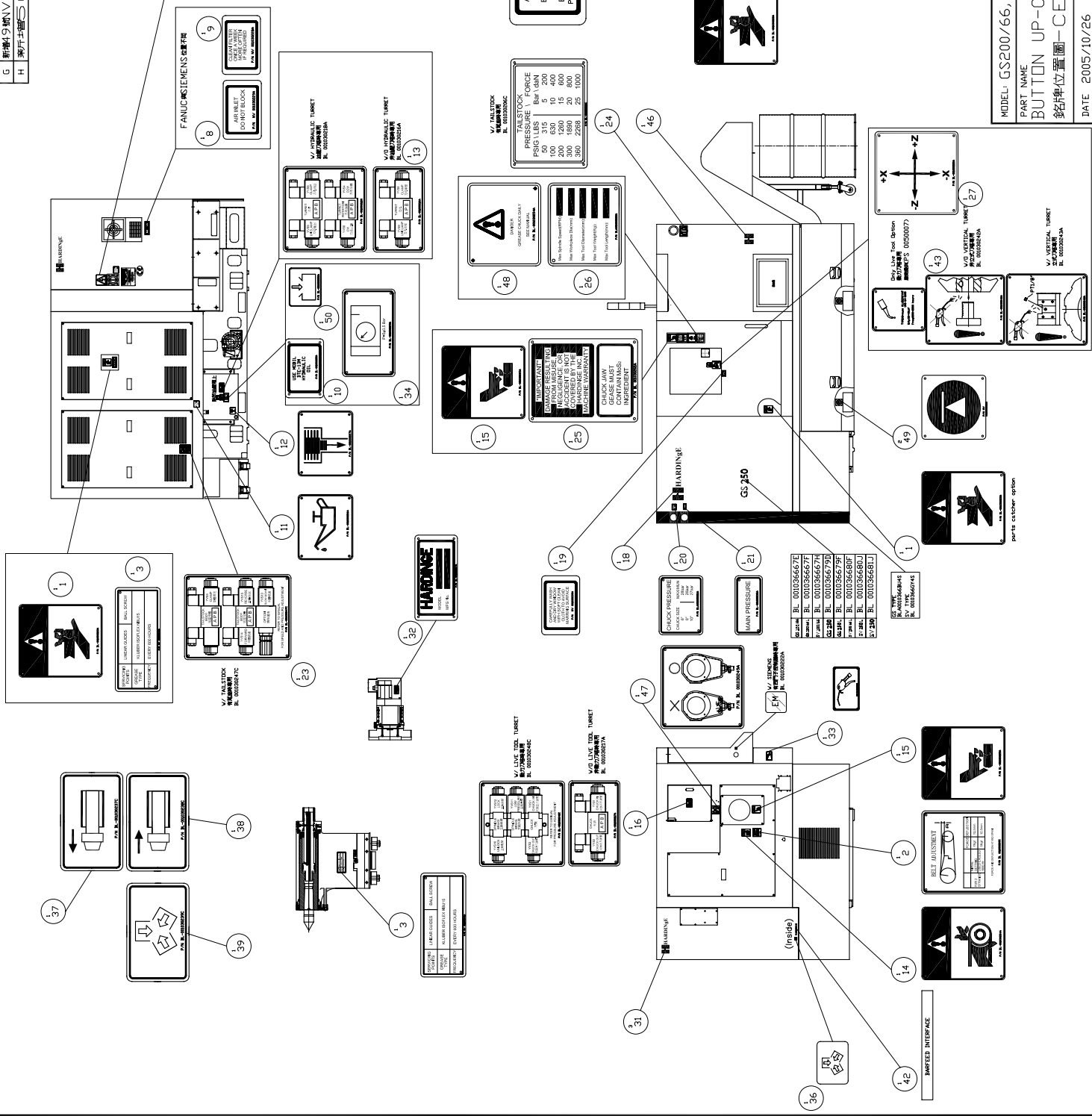
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Item	Part NO.	Description	中文名稱	Specification	Qty	Unit
51.00	NV 001030368A	TAG, LIFTING POINT	堆高機舉起處銘牌	L60xW60	1.00	ST
52.00	BL 001030255A	TAG, OIL INLET	注油口銘牌	L36xW30	1.00	ST
53.00	BL 001030256A	TAG,POWER SWITCH	電源開關銘牌	L60xW50	1.00	ST

REV	DATE	DESCRIPTION	BY	CHKD	APP'D
F	2007/8/24	001030254A	2007/8/24	2007/8/24	2007/8/24
G	2006/4/27	001030223A	001030223A	001030223A	001030223A
H	2005/6/27	001030368A	001030368A	001030368A	001030368A
I	2007/10/25	863	863	863	863
J	2007/12/5	777	777	777	777
K	2007/12/5	777	777	777	777
L	2007/12/5	777	777	777	777
M	2007/12/5	777	777	777	777
N	2007/12/5	777	777	777	777
O	2007/12/5	777	777	777	777
P	2007/12/5	777	777	777	777
Q	2007/12/5	777	777	777	777
R	2007/12/5	777	777	777	777
S	2007/12/5	777	777	777	777
T	2007/12/5	777	777	777	777
U	2007/12/5	777	777	777	777
V	2007/12/5	777	777	777	777
W	2007/12/5	777	777	777	777
X	2007/12/5	777	777	777	777
Y	2007/12/5	777	777	777	777
Z	2007/12/5	777	777	777	777
AA	2007/12/5	777	777	777	777
AB	2007/12/5	777	777	777	777
AC	2007/12/5	777	777	777	777
AD	2007/12/5	777	777	777	777
AE	2007/12/5	777	777	777 </tr	

**HARDINGE**  
 HARDINGE TOOL CORPORATION  
 1000 W. 10TH AVENUE  
 MILWAUKEE, WI 53217  
 TEL: 414.224.2200  
 FAX: 414.224.2201  
 WWW.HARDINGE.COM

**CE**  
 CONFORME A LA NORME EN 60959  
 CONFORME A LA NORME EN 60959-1



**FANUC SYSTEMS 維修**

1. 8. 9.

ALWAYS CONNECT RS-232 CABLE BEFORE APPLYING EXTERNAL DEVICE P/N: NV 001030254A

**V. HORIZONTAL TURNET**

10. 11. 12. 13.

PRESTOCK FORCE  
 PSIG LBS Bar (kN)  
 50 315 5 200  
 100 630 10 400  
 200 1260 20 800  
 300 1890 20 800  
 400 2520 25 1000

**ALWAYS CONNECT RS-232 CABLE BEFORE APPLYING EXTERNAL DEVICE P/N: NV 001030254A**

**UNDERSTANDING DAMAGE RESULTING FROM OVERLOADING OR IMPROPER USE COVERED BY THE WARRANTY IS VOID.**

**CHECK LUBRICATION CONTAINERS. INSURE THEY ARE FULL.**

**GS 250**

14. 15. 16. 17. 18. 19. 20. 21.

QUICK PRESSURE  
 MAXIMUM FORCE 1000 LBS  
 MAXIMUM FORCE 4500 N

MAIN PRESSURE  
 MAXIMUM FORCE 1000 LBS  
 MAXIMUM FORCE 4500 N

**ONLY USE TOOL DESIGNATED BY HARDINGE P/N: 001030254A**

**V. VERTICAL TURNET**

22. 23. 24. 25. 26. 27.

**NEVER TOUCH THE TURNET WHEN THE MACHINE IS ON.**

**GS 250**

28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39.

**NEVER TOUCH THE TURNET WHEN THE MACHINE IS ON.**

**SELF ADJUSTMENT**

40. 41. 42. 43. 44. 45. 46. 47. 48. 49.

**NEVER TOUCH THE TURNET WHEN THE MACHINE IS ON.**

MODEL: GS200/66, GS250, GS200/66L, GS250L,  
 PART NAME: BUTTON UP-CE  
 鉗牌位置圖-CE

PART NUMBER: BL 00011101CS  
 SCALE: 1:55  
 DATE: 2005/10/26  
 REV: H

PAGE: 1 OF 1

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
\*\*\*\*\*Master Item Part NO.: BL 000111101CS  
Description: BUTTON UP-CE  
銘牌位置圖-CE

| Item  | Part NO.       | Description              | 中文名稱            | Specification  | Qty  | Unit |
|-------|----------------|--------------------------|-----------------|----------------|------|------|
| 1.00  | BL 001030223A  | TAG, PINCH POINT         | 夾傷區域銘牌          | L76xW67        | 3.00 | EA   |
| 2.00  | BL 001030209C  | TAG, BELT TENSION        | 銘牌              | L76xW76        | 1.00 | EA   |
| 3.00  | NV 001030242A  | TAG, LUBRICATION         | 銘牌              | L95xW41        | 2.00 | EA   |
| 4.00  | NVA001030240A  | TAG, ELECTRICAL HAZARD   | 銘牌              | L94xW100       | 1.00 | EA   |
| 5.00  | NV 001030253A  | TAG, DATA PLATE BLANK    | 電氣銘牌            | L162xW127      | 1.00 | EA   |
| 8.00  | NV 001030229A  | TAG, AIR INLET           | 銘牌              | L54xW35        | 1.00 | EA   |
| 9.00  | NV 001030228A  | TAG, FILTER CLEANING     | 銘牌              | L54xW35        | 1.00 | EA   |
| 10.00 | BL 001030205A  | TAG, LUBRICATION         | 銘牌              | L54xW35        | 1.00 | EA   |
| 11.00 | BL 001030226A  | TAG, OIL INLET           | 入油口銘牌           | L60xW50        | 2.00 | EA   |
| 12.00 | BL 001030227A  | TAG, OIL DRAIN           | 排油口銘牌           | L60xW50        | 1.00 | EA   |
| 13.00 | BL 001030216A  | TAG, SOLENOID            | 銘牌              | L80xW48        | 1.00 | EA   |
| 14.00 | BL 001030224A  | TAG, FINGER CRUSH        | 手指壓碎銘牌          | L76xW67        | 1.00 | EA   |
| 15.00 | BL 001030225A  | TAG, FINGER SHEAR        | 手指剪斷銘牌          | L76xW67        | 2.00 | EA   |
| 16.00 | BL 001030217A  | TAG, SOLENOID            | 銘牌              | L80xW48        | 1.00 | EA   |
| 18.00 | CM 0010366LHAR | TAG, HARDINGE LOGO       | HARDINGE LOGO銘牌 | PER ATTACHMENT | 1.00 | EA   |
| 19.00 | NV 001030239A  | TAG, WINDOW CLEANING     | 銘牌              | L54xW35        | 1.00 | EA   |
| 20.00 | BLA001030211A  | TAG, CHUCK PRESSURE      | 夾頭壓力銘牌          | L54xW40        | 1.00 | EA   |
| 21.00 | BL 001030212A  | TAG, MAIN PRESSURE       | 銘牌              | L54xW25        | 1.00 | EA   |
| 22.00 | BL 001030221A  | TAG / CHIP CONVEYOR      | 銘牌              | L19xW26        | 1.00 | EA   |
| 23.00 | BL 001030247C  | TAG, SOLENOID(TAILSTOCK) | 電磁閥銘牌(尾座)       | L80xW100       | 1.00 | EA   |



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO. | Description    | 中文名稱                    | Specification                                  | Qty  | Unit |
|---------------|----------------|-------------------------|--|------|------|
| 24.00         | BL 001030206C  | TAG, TAILSTOCK PRESSURE | 銘牌<br>L70xW100                                 | 1.00 | EA   |
| 25.00         | BL 001030202A  | TAG, MISUSE             | 銘牌<br>L76xW100                                 | 1.00 | EA   |
| 26.00         | BLA001030228A  | TAG, SPINDLE SPEED      | 主軸轉速銘牌<br>L76xW67                              | 1.00 | EA   |
| 27.00         | BL 001030220A  | TAG, DIRECTION          | 方向銘牌<br>L76xW76                                | 1.00 | EA   |
| 28.00         | NV 001030234A  | TAG, RS 232             | 銘牌<br>L54xW35                                  | 1.00 | EA   |
| 29.00         | BL 001030213C  | TAG, SOLENOID           | 電磁閥銘牌<br>L80xW48                               | 1.00 | EA   |
| 30.00         | NVC001030221A  | TAG, MACHINE MODEL      | 機型銘牌<br>L120xW90xH0.8                          | 1.00 | EA   |
| 31.00         | CM 0010366THAR | TAG, HARDINGE LOGO      | HARDINGE LOGO銘牌<br>PER ATTACHMENT              | 3.00 | EA   |
| 32.00         | BL 001030207A  | TAG, MODEL              | 鋁銘牌<br>L80xW40                                 | 1.00 | EA   |
| 33.00         | BL 001030231A  | TAG, AIR NOZZLE         | 噴槍銘牌<br>L80xW48                                | 1.00 | EA   |
| 34.00         | BL 001030229A  | TAG, PNEUMATIC          | 氣壓銘牌<br>L80xW48                                | 1.00 | EA   |
| 36.00         | BL 001030230D  | TAG, FOOT SWITCH        | 腳踏開關銘牌<br>L26xW19                              | 1.00 | EA   |
| 37.00         | BL 001030237C  | TAG, TAILSTOCK QUILL    | 尾座心軸銘牌<br>L60xW38                              | 1.00 | EA   |
| 38.00         | BL 001030238C  | TAG, TAILSTOCK QUILL    | 尾座心軸銘牌<br>L60xW38                              | 1.00 | EA   |
| 39.00         | BL 001030239C  | TAG, FOOT SWITCH        | 腳踏開關銘牌<br>L60xW38                              | 1.00 | EA   |
| 40.00         | BL 001030237D  | TAG, TAILSTOCK QUILL    | 尾座心軸銘牌<br>L26xW19                              | 1.00 | EA   |
| 41.00         | BL 001030235C  | TAG /COOLANT            | 切削水銘牌<br>L19xW26                               | 1.00 | EA   |
| 42.00         | BL 001030240C  | TAG                     | 銘牌<br>L100xW10                                 | 1.00 | EA   |
| 43.00         | BL 001030242A  | TAG,TURRET WITH VDI     | VDI刀塔銘牌<br>L76xW67                             | 1.00 | EA   |
| 46.00         | CM 0010366SH   | TAG, HARDINGE LOGO      | HARDINGE LOGO銘牌(小H)<br>PER ATTACHMENT(L60xW60) | 1.00 | EA   |
| 47.00         | BL 001030249A  | TAG, COOLANT COLLECTOR  | 集水槽銘牌<br>W76*L76                               | 1.00 | EA   |
| 48.00         | BL 001030254A  | CHUCK TAG,-ENGLISH      | 夾頭潤滑保養銘牌-英文<br>L76xW67                         | 1.00 | ST   |
| 49.00         | NV 001030368A  | TAG, LIFTING POINT      | 堆高機舉起處銘牌<br>L60xW60                            | 1.00 | ST   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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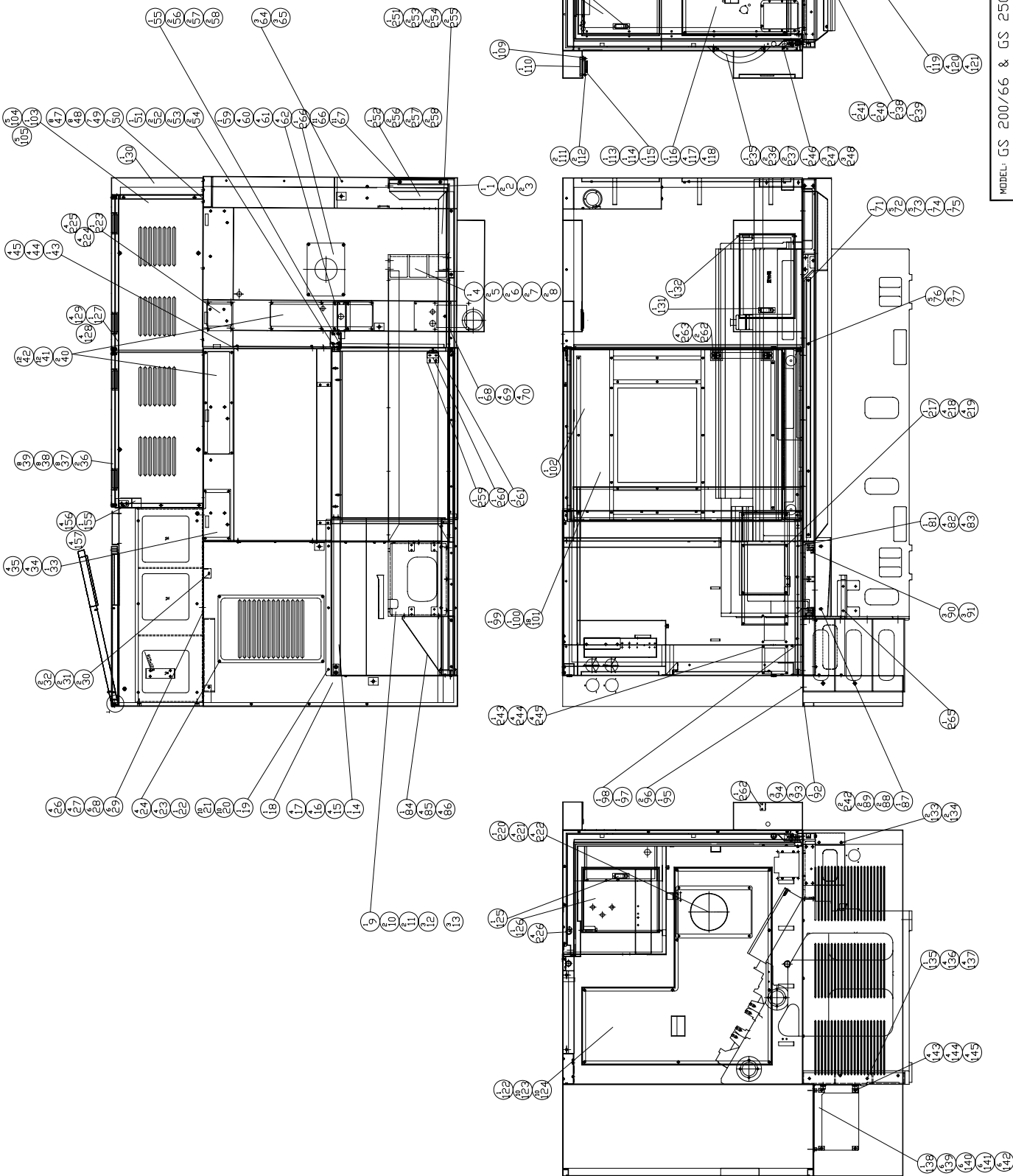
| Item  | Part NO.      | Description      | 中文名稱   | Specification | Qty  | Unit |
|-------|---------------|------------------|--------|---------------|------|------|
| 50.00 | BL 001030255A | TAG, OIL INLET   | 注油口銘牌  | L36xW30       | 1.00 | ST   |
| 51.00 | BL 001030256A | TAG,POWER SWITCH | 電源開關銘牌 | L60xW50       | 1.00 | ST   |

# Chapter 11

外型板金

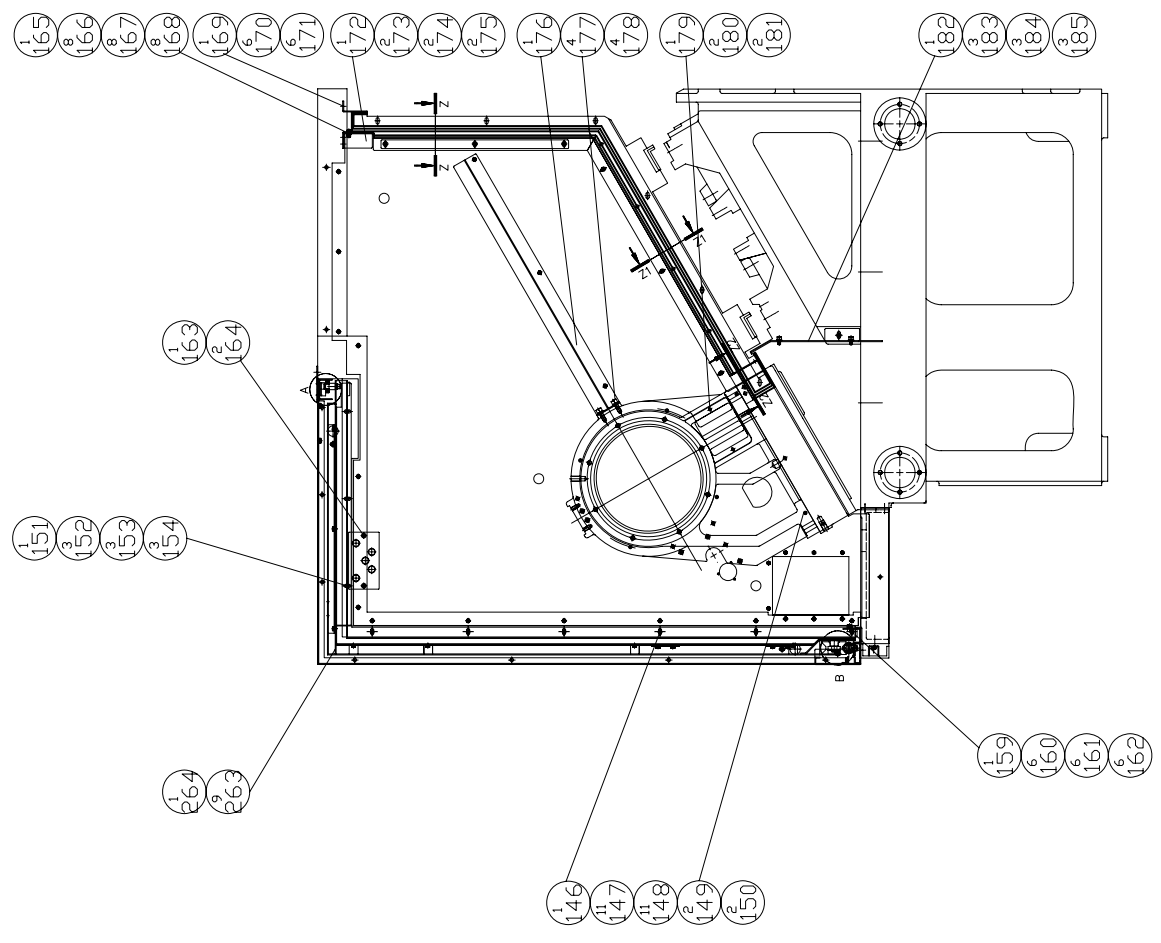
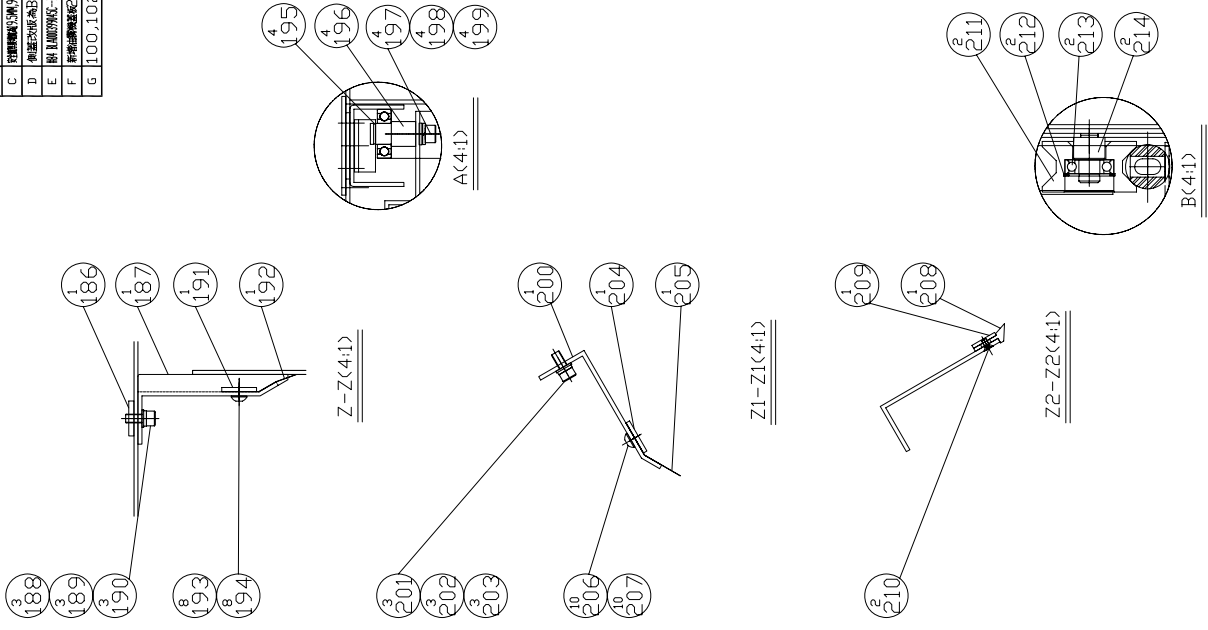
Enclosure Assm.

| REV | DESCRIPTION | DATE       | ECN |
|-----|-------------|------------|-----|
| A   | 新子土盤        | 2007/3/15  |     |
| B   | 機内配線変更      | 2007/6/16  | 592 |
| C   | 機内配線変更      | 2007/6/16  | 592 |
| D   | 機内配線変更      | 2007/7/4   | 667 |
| E   | 機内配線変更      | 2007/8/20  | 611 |
| F   | 機内配線変更      | 2007/9/5   | 771 |
| G   | 機内配線変更      | 2007/10/9  | 829 |
|     | 機内配線変更      | 2007/11/16 | 887 |



|                           |               |
|---------------------------|---------------|
| MODEL: GS 200/66 & GS 250 | PART NUMBER   |
| PART NAME                 | BL 001045310E |
| ENCLOSURE ASSM.           | PAGE 1 OF 2   |
| 外型板金                      | REV. G        |
| DATE: 2007/3/15           | SCALE: 1:30   |

| REV | DESCRIPTION       | DATE       | ECN |
|-----|-------------------|------------|-----|
| A   | 発行し書              | 2007/3/15  |     |
| B   | 機内部品取付位置変更        | 2007/6/16  | S92 |
| B   | 機内部品取付位置変更        | 2007/6/16  | S92 |
| C   | 機内部品取付位置変更        | 2007/7/4   | S92 |
| D   | 機内部品取付位置変更        | 2007/8/28  | S11 |
| E   | 機内部品取付位置変更        | 2007/9/5   | S71 |
| F   | 機内部品取付位置変更        | 2007/10/9  | S29 |
| G   | 100,102機内部品取付位置変更 | 2007/10/16 | S27 |



|                           |               |
|---------------------------|---------------|
| MODEL: GS 200/66 & GS 250 | PART NUMBER   |
| PART NAME                 | BL 001045310E |
| ENCLOSURE ASSM.           | PAGE 2 OF 2   |
| 外型板金                      | REV. G        |
| DATE 2007/3/15            | SCALE 1:18    |

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 001045310E

Description: ENCLOSURE ASSM (GS 250 )  
外型板金 (GS 250 )

| Item  | Part NO.      | Description            | 中文名稱             | Specification     | Qty   | Unit |
|-------|---------------|------------------------|------------------|-------------------|-------|------|
| 1.00  | BL 000499040E | PLATE,SLINGER(GS 250)  | 前支撐板(GS 250)     | L2659xW345xH65    | 1.00  | EA   |
| 2.00  | MS 0104218    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲          | M12xP1.75X20      | 2.00  | EA   |
| 3.00  | MW 0184210    | SPRING WASHER          | 彈簧墊圈             | M12               | 2.00  | EA   |
| 4.00  | BL 000026204C | SUPPORT BLOCK,SHEET    | 前支撐塊             | L130.2xW314xH68   | 1.00  | EA   |
| 5.00  | MS 0104218    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲          | M12xP1.75X20      | 2.00  | EA   |
| 6.00  | MW 0184210    | SPRING WASHER          | 彈簧墊圈             | M12               | 2.00  | EA   |
| 7.00  | MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲          | M8xP1.25xL16      | 2.00  | EA   |
| 8.00  | MW 0183810    | SPRING WASHER          | 彈簧墊圈             | M8                | 2.00  | EA   |
| 9.00  | BL 000026203C | SUPPORT BLOCK,SHEET    | 前支撐塊             | L303xW314xH68     | 1.00  | EA   |
| 10.00 | MS 0104218    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲          | M12xP1.75X20      | 2.00  | EA   |
| 11.00 | MW 0184210    | SPRING WASHER          | 彈簧墊圈             | M12               | 2.00  | EA   |
| 12.00 | MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲          | M8xP1.25xL16      | 3.00  | EA   |
| 13.00 | MW 0183810    | SPRING WASHER          | 彈簧墊圈             | M8                | 3.00  | EA   |
| 14.00 | BLA00022106C  | DOOR GUIDE,UPPER       | 上滑道              | L1778xW56.6xH31   | 1.00  | EA   |
| 15.00 | MS 0103516    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲          | M5xP0.8xL12       | 4.00  | EA   |
| 16.00 | MW 0103510    | FLAT WASHER            | 平墊圈              | M5                | 4.00  | EA   |
| 17.00 | MW 0183510    | SPRING WASHER          | 彈簧墊圈             | M5                | 4.00  | EA   |
| 18.00 | BL 000022150E | LEFT ENCLOSURE(GS 250) | 左箱(外型板金)(GS 250) | L1320xW1245xH952  | 1.00  | EA   |
| 19.00 | BL 000499041E | FRONT COVER(GS 250)    | 前蓋(GS 250)       | L855xW1247.3xH684 | 1.00  | EA   |
| 20.00 | MS 0103516    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲          | M5xP0.8xL12       | 10.00 | EA   |

## PRODUCT BOM MASTER AND SUB-ITEMS LIST

| Item Part NO.       | Description                | 中文名稱    | Specification  | Qty   | Unit |
|---------------------|----------------------------|---------|----------------|-------|------|
| 21.00 MW 0183510    | SPRING WASHER              | 彈簧墊圈    | M5             | 10.00 | EA   |
| 22.00 BL 000199028C | CLEARSTORY                 | 通風窗     | L550xW350xH2.3 | 1.00  | EA   |
| 23.00 MS 0103615    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M6xP1.0xL10    | 4.00  | EA   |
| 24.00 MW 0183610    | SPRING WASHER              | 彈簧墊圈    | M6             | 4.00  | EA   |
| 26.00 MS 0104017    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M10xP1.5xL16   | 4.00  | EA   |
| 27.00 MW 0184010    | SPRING WASHER              | 彈簧墊圈    | M10            | 4.00  | EA   |
| 28.00 MS 0103615    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M6xP1.0xL10    | 6.00  | EA   |
| 29.00 MW 0183610    | SPRING WASHER              | 彈簧墊圈    | M6             | 6.00  | EA   |
| 30.00 MS 0103615    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M6xP1.0xL10    | 2.00  | EA   |
| 31.00 MW 0183610    | SPRING WASHER              | 彈簧墊圈    | M6             | 2.00  | EA   |
| 32.00 MW 0103610    | FLAT WASHER                | 平墊圈     | M6(d6*D19*H2)  | 2.00  | EA   |
| 33.00 BL 000199004C | COVER                      | 蓋       | L265xW142xH2.3 | 1.00  | EA   |
| 34.00 MS 0103516    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M5xP0.8xL12    | 4.00  | EA   |
| 35.00 MW 0183510    | SPRING WASHER              | 彈簧墊圈    | M5             | 4.00  | EA   |
| 36.00 BL 000022120F | BACK COVER(VEAR ENCLOSURE) | 後蓋(後箱)  | L1395xW807xH19 | 2.00  | EA   |
| 37.00 MS 0103619    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M6xP1.0xL25    | 8.00  | EA   |
| 38.00 MW 0183610    | SPRING WASHER              | 彈簧墊圈    | M6             | 8.00  | EA   |
| 39.00 MW 0103610    | FLAT WASHER                | 平墊圈     | M6(d6*D19*H2)  | 8.00  | EA   |
| 40.00 BLA000199003C | COVER                      | 蓋       | L495xW118xH2.3 | 2.00  | EA   |
| 41.00 MS 0103516    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M5xP0.8xL12    | 12.00 | EA   |
| 42.00 MW 0183510    | SPRING WASHER              | 彈簧墊圈    | M5             | 12.00 | EA   |
| 43.00 BLB000022136C | LINKAGE PLATE              | 連接板     | L1003xW665xH93 | 1.00  | EA   |
| 44.00 MS 0103615    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M6xP1.0xL10    | 4.00  | EA   |

## PRODUCT BOM MASTER AND SUB-ITEMS LIST

| Item Part NO.       | Description           | 中文名稱    | Specification  | Qty   | Unit |
|---------------------|-----------------------|---------|----------------|-------|------|
| 45.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6             | 4.00  | EA   |
| 47.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL10    | 8.00  | EA   |
| 48.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6             | 8.00  | EA   |
| 49.00 MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M5xP0.8xL12    | 7.00  | EA   |
| 50.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈    | M5             | 7.00  | EA   |
| 51.00 BLA000399046C | SEAT,SWITCH           | 安全開關座   | L40xW35xH30    | 1.00  | EA   |
| 52.00 MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M4xP0.7xL8     | 2.00  | EA   |
| 53.00 MW 0183410    | SPRING WASHER         | 彈簧墊圈    | M4             | 2.00  | EA   |
| 54.00 MW 0103410    | FLAT WASHER           | 平墊圈     | M4x10Dx1T      | 2.00  | EA   |
| 55.00 BL 000399047C | PLATE                 | 固定板     | L35xW15xH2.3   | 1.00  | EA   |
| 56.00 MS 0103417    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M4xP0.7xL16    | 2.00  | EA   |
| 57.00 MW 0183410    | SPRING WASHER         | 彈簧墊圈    | M4             | 2.00  | EA   |
| 58.00 MW 0103410    | FLAT WASHER           | 平墊圈     | M4x10Dx1T      | 2.00  | EA   |
| 59.00 BLA000399048C | SEAT,SWITCH           | 安全開關座   | L154xW88xH52.5 | 1.00  | EA   |
| 60.00 MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M5xP0.8xL12    | 4.00  | EA   |
| 61.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈    | M5             | 4.00  | EA   |
| 62.00 MW 0103510    | FLAT WASHER           | 平墊圈     | M5             | 4.00  | EA   |
| 64.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL10    | 3.00  | EA   |
| 65.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6             | 3.00  | EA   |
| 66.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL10    | 11.00 | EA   |
| 67.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6             | 11.00 | EA   |
| 68.00 BL 001011523C | COVER                 | 蓋板      | L152xW191xH2.3 | 1.00  | EA   |
| 69.00 MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M5xP0.8xL12    | 4.00  | EA   |



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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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| Item Part NO. | Description   | 中文名稱         | Specification     | Qty  | Unit |
|---------------|---------------|--------------|-------------------|------|------|
| 70.00         | MW 0183510    | 彈簧墊圈         | M5                | 4.00 | EA   |
| 71.00         | BL 000399042C | 導屑盤          | L1403.5xW330xH125 | 1.00 | EA   |
| 72.00         | MS 0103615    | 六角穴圓頭螺絲      | M6xP1.0xL10       | 5.00 | EA   |
| 73.00         | MW 0183610    | 彈簧墊圈         | M6                | 5.00 | EA   |
| 74.00         | MS 0103516    | 六角穴圓頭螺絲      | M5xP0.8xL12       | 1.00 | EA   |
| 75.00         | MW 0183510    | 彈簧墊圈         | M5                | 1.00 | EA   |
| 76.00         | MS 0103515    | 六角穴圓頭螺絲      | M5xP0.8xL10       | 5.00 | EA   |
| 77.00         | MW 0183510    | 彈簧墊圈         | M5                | 5.00 | EA   |
| 81.00         | BLB000399043C | 導水槽          | L1781xW105xH83    | 1.00 | EA   |
| 82.00         | MS 0103615    | 六角穴圓頭螺絲      | M6xP1.0xL10       | 4.00 | EA   |
| 83.00         | MW 0183610    | 彈簧墊圈         | M6                | 4.00 | EA   |
| 84.00         | BL 000699024C | 左下護蓋         | L272.5xW216xH309  | 1.00 | EA   |
| 85.00         | MS 0103817    | 六角穴圓頭螺絲      | M8xP1.25xL16      | 4.00 | EA   |
| 86.00         | MW 0183810    | 彈簧墊圈         | M8                | 4.00 | EA   |
| 87.00         | BL 000399044C | 導水槽          | L395xW85xH80      | 1.00 | EA   |
| 88.00         | MS 0103615    | 六角穴圓頭螺絲      | M6xP1.0xL10       | 2.00 | EA   |
| 89.00         | MW 0183610    | 彈簧墊圈         | M6                | 2.00 | EA   |
| 90.00         | MS 0103615    | 六角穴圓頭螺絲      | M6xP1.0xL10       | 3.00 | EA   |
| 91.00         | MW 0183610    | 彈簧墊圈         | M6                | 3.00 | EA   |
| 92.00         | BL 000299034F | 左側蓋(GS 250L) | L1791.5xW521xH80  | 1.00 | EA   |
| 93.00         | MS 0103615    | 六角穴圓頭螺絲      | M6xP1.0xL10       | 3.00 | EA   |
| 94.00         | MW 0183610    | 彈簧墊圈         | M6                | 3.00 | EA   |
| 95.00         | MS 0103820    | 六角穴圓頭螺絲      | M8xP1.25xL30      | 1.00 | EA   |

## PRODUCT BOM MASTER AND SUB-ITEMS LIST

| Item Part NO.         | Description                   | 中文名稱         | Specification          | Qty   | Unit |
|-----------------------|-------------------------------|--------------|------------------------|-------|------|
| 96.00 MW 0183810      | SPRING WASHER                 | 彈簧墊圈         | M8                     | 2.00  | EA   |
| 97.00 BLB000022113C   | ROD, FRONT DOOR GUIDE         | 前門滑道         | D25.4xL1692            | 1.00  | EA   |
| 98.00 MS 0103818      | SOCKET HEAD CAP SCREW         | 六角穴圓頭螺絲      | M8xP1.25xL20           | 1.00  | EA   |
| 99.00 BLA001044905A   | VISION PANEL                  | 安全窗          | <LAMINTON>532*452*19.5 | 1.00  | EA   |
| 100.00 BLB000499043E  | DEPRESSOR, WINDOW,(GS 250)    | 窗戶壓板(GS 250) | L1092xW885xH4.6        | 1.00  | EA   |
| 101.00 MS 0313514     | FLAT HD. SOCKET               | 六角穴平頭螺絲      | M5xP0.8xL8             | 18.00 | EA   |
| 102.00 BLB000378000E  | DOOR, GUARD FRONT(GS 250)     | 活動門(GS 250)  | L1210.7xW912xH629      | 1.00  | EA   |
| 103.00 BL 000599094E  | UPPER COVER(GS 250)           | 上蓋(GS 250)   | L1622.7xW458xH50       | 1.00  | EA   |
| 104.00 MS 0103616     | SOCKET HEAD CAP SCREW         | 六角穴圓頭螺絲      | M6xP1.0xL12            | 5.00  | EA   |
| 105.00 MW 0183610     | SPRING WASHER                 | 彈簧墊圈         | M6                     | 5.00  | EA   |
| 106.00 BL 000199079K  | ROTARY DOOR,RIGHT BOX         | 右箱旋轉門        | L396xW330.4xH19        | 1.00  | EA   |
| 107.00 BL 00103590101 | DOOR LATCH                    | 壓扣把手(全銀色系列)  | [YI-LOONG]A-240-3-B    | 1.00  | EA   |
| 108.00 MS 0313413     | FLAT HD. SOCKET               | 六角穴平頭螺絲      | M4xP0.7xL6             | 1.00  | EA   |
| 109.00 NV 000691601A  | RING, OPERATING PANEL CASE    | 止動環          | D98Xd76XL2.3           | 1.00  | EA   |
| 110.00 NV 000048104A  | BUSHING, OPERATING PANEL CASE | 操作箱襯套        | D104xL20               | 1.00  | ST   |
| 111.00 MS 0303413     | BUTTON HD. SOCKET             | 六角穴半圓頭螺絲     | M4xP0.7xL6             | 2.00  | EA   |
| 112.00 MW 0183410     | SPRING WASHER                 | 彈簧墊圈         | M4                     | 2.00  | EA   |
| 113.00 NV 000048103A  | BUSHING, OPERATING PANEL CASE | 操作箱襯套        | D60.3xL30              | 1.00  | ST   |
| 114.00 MS 0103617     | SOCKET HEAD CAP SCREW         | 六角穴圓頭螺絲      | M6xP1.0xL16            | 1.00  | EA   |
| 115.00 MW 0183610     | SPRING WASHER                 | 彈簧墊圈         | M6                     | 1.00  | EA   |
| 116.00 BL 000022119C  | RIGHT COVER,ENCLOSEURE        | 右側蓋          | Lx409xW543xH12         | 1.00  | EA   |
| 117.00 MS 0103619     | SOCKET HEAD CAP SCREW         | 六角穴圓頭螺絲      | M6xP1.0xL25            | 4.00  | EA   |
| 118.00 MW 0183610     | SPRING WASHER                 | 彈簧墊圈         | M6                     | 4.00  | EA   |

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.         | Description                | 中文名稱         | Specification        | Qty   | Unit |
|-----------------------|----------------------------|--------------|----------------------|-------|------|
| 119.00 BL 000299030C  | COVER                      | 蓋板           | L180xW60xH2.3        | 1.00  | EA   |
| 120.00 MS 0103516     | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲      | M5xP0.8xL12          | 4.00  | EA   |
| 121.00 MW 0183510     | SPRING WASHER              | 彈簧墊圈         | M5                   | 4.00  | EA   |
| 122.00 BLA00022110C   | LEFT COVER,ENCLOSURE       | 左側蓋          | L1020xW998xH12       | 1.00  | EA   |
| 123.00 MS 0103619     | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲      | M6xP1.0xL25          | 10.00 | EA   |
| 124.00 MW 0183610     | SPRING WASHER              | 彈簧墊圈         | M6                   | 10.00 | EA   |
| 125.00 BL 00103590101 | DOOR LATCH                 | 壓扣把手(全銀色系列)  | [YI-LOONG]JA-240-3-B | 1.00  | EA   |
| 126.00 BL 000022112F  | ROTARY DOOR(GS 250L)       | 旋轉門(GS 250L) | L396xW330.4xH19      | 1.00  | EA   |
| 127.00 BL 000599092E  | CROSSBEAM(GS 250)          | 橫樑(GS 250)   | L1622.7xW40xH90      | 1.00  | EA   |
| 128.00 MS 0103616     | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲      | M6xP1.0xL12          | 4.00  | EA   |
| 129.00 MW 0183610     | SPRING WASHER              | 彈簧墊圈         | M6                   | 4.00  | EA   |
| 130.00 BL 000499042F  | RIGHT COVER,(GS 250L)      | 右側蓋(GS 250L) | L1395xW477xH110      | 1.00  | EA   |
| 131.00 NV 000599047A  | ROTARY DOOR                | 旋轉門          | L431.5xW283.4xH19    | 1.00  | EA   |
| 132.00 BL 00103590101 | DOOR LATCH                 | 壓扣把手(全銀色系列)  | [YI-LOONG]JA-240-3-B | 1.00  | EA   |
| 133.00 MS 0103615     | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲      | M6xP1.0xL10          | 2.00  | EA   |
| 134.00 MW 0183610     | SPRING WASHER              | 彈簧墊圈         | M6                   | 2.00  | EA   |
| 135.00 BL 000399041C  | BRACKET                    | 支撐座          | L382xW530xH60        | 1.00  | EA   |
| 136.00 MS 0104017     | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲      | M10xP1.5xL16         | 4.00  | EA   |
| 137.00 MW 0184010     | SPRING WASHER              | 彈簧墊圈         | M10                  | 4.00  | EA   |
| 138.00 BL 000199016E  | SUPPORT,POWER CASE(GS 250) | 強電箱座(GS 250) | L1007xW246xH352      | 1.00  | EA   |
| 139.00 MS 0104017     | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲      | M10xP1.5xL16         | 6.00  | EA   |
| 140.00 MW 0184010     | SPRING WASHER              | 彈簧墊圈         | M10                  | 6.00  | EA   |
| 141.00 MS 0104618     | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲      | M16*P2.0*L20         | 6.00  | EA   |

## PRODUCT BOM MASTER AND SUB-ITEMS LIST

| Item Part NO.        | Description                  | 中文名稱         | Specification      | Qty   | Unit |
|----------------------|------------------------------|--------------|--------------------|-------|------|
| 142.00 MW 0184610    | SPRING WASHER                | 彈簧墊圈         | M16                | 6.00  | EA   |
| 143.00 MS 0103615    | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲      | M6xP1.0xL10        | 4.00  | EA   |
| 144.00 MW 0183610    | SPRING WASHER                | 彈簧墊圈         | M6                 | 4.00  | EA   |
| 145.00 MW 0103610    | FLAT WASHER                  | 平墊圈          | M6(d6*D19*H2)      | 4.00  | EA   |
| 146.00 BL 000022152E | PLATE,SPINDLE,GS 250         | 主軸前板(GS 250) | L1232xW1129.7xH2.3 | 1.00  | EA   |
| 147.00 MS 0303516    | BUTTON HD. SOCKET            | 六角穴半圓頭螺絲     | M5xP0.8xL12        | 11.00 | EA   |
| 148.00 MW 0183510    | SPRING WASHER                | 彈簧墊圈         | M5                 | 11.00 | EA   |
| 149.00 MS 0303616    | BUTTON HD. SOCKET            | 六角穴半圓頭螺絲     | M6xP1.0xL12        | 2.00  | EA   |
| 150.00 MW 0183610    | SPRING WASHER                | 彈簧墊圈         | M6                 | 2.00  | EA   |
| 151.00 BLA000399079F | PLATE, SPLASH GUARD(GS 250L) | 檔水板(GS 250L) | L555xW33.5xH2.3    | 1.00  | EA   |
| 152.00 MS 0103516    | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲      | M5xP0.8xL12        | 3.00  | EA   |
| 153.00 MW 0103510    | FLAT WASHER                  | 平墊圈          | M5                 | 3.00  | EA   |
| 154.00 MW 0183510    | SPRING WASHER                | 彈簧墊圈         | M5                 | 3.00  | EA   |
| 155.00 BL 000599091F | SEAT OF CROSSBEAM            | 橫樑支撐座        | L133xW52xH62       | 1.00  | EA   |
| 156.00 MS 0103616    | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲      | M6xP1.0xL12        | 2.00  | EA   |
| 157.00 MW 0183610    | SPRING WASHER                | 彈簧墊圈         | M6                 | 2.00  | EA   |
| 159.00 BL 000399080F | PLATE, SPLASH GUARD(GS 250L) | 檔水板(GS 250L) | L1149.9xW57.5xH2.3 | 1.00  | EA   |
| 160.00 MS 0103516    | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲      | M5xP0.8xL12        | 6.00  | EA   |
| 161.00 MW 0183510    | SPRING WASHER                | 彈簧墊圈         | M5                 | 6.00  | EA   |
| 162.00 MW 0103510    | FLAT WASHER                  | 平墊圈          | M5                 | 6.00  | EA   |
| 163.00 BL 001023402C | MANIFOLD BLOCK               | 分油塊          | L131xW70xH30       | 1.00  | EA   |
| 164.00 MS 0103620    | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲      | M6xP1.0xL30        | 2.00  | EA   |
| 165.00 BL 000299086C | BRACKET,WAY COVER            | 伸縮護蓋支撐板      | L1876xW38xH70      | 1.00  | EA   |

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.        | Description           | 中文名稱    | Specification     | Qty  | Unit |
|----------------------|-----------------------|---------|-------------------|------|------|
| 166.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL10       | 8.00 | EA   |
| 167.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6                | 8.00 | EA   |
| 168.00 MW 0103610    | FLAT WASHER           | 平墊圈     | M6(d6*D19*H2)     | 8.00 | EA   |
| 169.00 BL 000299087C | BRACKET , WAY COVER   | 伸縮護蓋支撐板 | L1878xW25xH56     | 1.00 | EA   |
| 170.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6                | 6.00 | EA   |
| 171.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL10       | 6.00 | EA   |
| 172.00 BL 000299088C | PLATE,SPLASH GUARD    | 擋水板     | Lx85xW67xH35      | 1.00 | EA   |
| 173.00 MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M5xP0.8xL12       | 2.00 | EA   |
| 174.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈    | M5                | 2.00 | EA   |
| 175.00 MW 0103510    | FLAT WASHER           | 平墊圈     | M5                | 2.00 | EA   |
| 176.00 BL 000199036C | BRACKET,FRONT PLATE   | 前板固定板   | L660xW317xH60     | 1.00 | EA   |
| 177.00 MS 0103817    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M8xP1.25xL16      | 4.00 | EA   |
| 178.00 MW 0183810    | SPRING WASHER         | 彈簧墊圈    | M8                | 4.00 | EA   |
| 179.00 BL 001011517C | COVER                 | 蓋板      | L118xW112.23xH2.3 | 1.00 | EA   |
| 180.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL10       | 2.00 | EA   |
| 181.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6                | 2.00 | EA   |
| 182.00 BL 000199037C | PLATE,SPLASH GUARD    | 擋水板     | L355.5xW302.6xH56 | 1.00 | EA   |
| 183.00 MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M5xP0.8xL12       | 3.00 | EA   |
| 184.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈    | M5                | 3.00 | EA   |
| 185.00 MW 0103510    | FLAT WASHER           | 平墊圈     | M5                | 3.00 | EA   |
| 186.00 BL 000399015C | PLATE,SPINDLE         | 固定板     | L430xW20xH3       | 1.00 | EA   |
| 187.00 BL 001011525C | COVER,SPLASH GUARD    | 護蓋板     | L510.26xW86xH40   | 1.00 | EA   |
| 188.00 MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M5xP0.8xL12       | 3.00 | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.         | Description           | 中文名稱     | Specification     | Qty   | Unit |
|-----------------------|-----------------------|----------|-------------------|-------|------|
| 189.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5                | 3.00  | EA   |
| 190.00 MW 0103510     | FLAT WASHER           | 平墊圈      | M5                | 3.00  | EA   |
| 191.00 BL 000299089C  | PLATE                 | 壓板       | L497xW20xH2.3     | 1.00  | EA   |
| 192.00 BL 000805013C  | WIPER                 | 刮刷片      | L512xW45xH0.15    | 1.00  | EA   |
| 193.00 MS 0303513     | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲 | M5xP0.8xL6        | 8.00  | EA   |
| 194.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5                | 8.00  | EA   |
| 195.00 NV 00082310201 | RING, C-RETAINING     | C型外扣     | S-12              | 4.00  | EA   |
| 196.00 NV 000403801A  | SHAFT, DOOR ROLLER    | 輪軸       | D14.3xL23.5       | 4.00  | EA   |
| 197.00 MS 0103617     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M6xP1.0xL16       | 4.00  | EA   |
| 198.00 MW 0183610     | SPRING WASHER         | 彈簧墊圈     | M6                | 4.00  | EA   |
| 199.00 MW 0103610     | FLAT WASHER           | 平墊圈      | M6(d6*D19*H2)     | 4.00  | EA   |
| 200.00 BL 001011526C  | COVER,SPLASH GUARD    | 護蓋板      | L659.4xW80.4xH103 | 1.00  | EA   |
| 201.00 MS 0103516     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL12       | 3.00  | EA   |
| 202.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5                | 3.00  | EA   |
| 203.00 MW 0103510     | FLAT WASHER           | 平墊圈      | M5                | 3.00  | EA   |
| 204.00 BL 000199052C  | PLATE                 | 壓板       | L613xW20xH2.3     | 1.00  | EA   |
| 205.00 BL 000805013C  | WIPER                 | 刮刷片      | L512xW45xH0.15    | 1.00  | EA   |
| 206.00 MS 0303513     | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲 | M5xP0.8xL6        | 10.00 | EA   |
| 207.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5                | 10.00 | EA   |
| 208.00 BL 000805009C  | WIPER                 | 刮刷片      | L72.5xW22.5xH8.5  | 1.00  | EA   |
| 209.00 BL 000199055C  | SHIM                  | 墊片       | L70xW15xH2        | 1.00  | EA   |
| 210.00 MS 0313313     | FLAT HD. SOCKET       | 六角穴平頭螺絲  | M3xP0.5xL6        | 2.00  | EA   |
| 211.00 NV 000942400A  | ROLLER, DOOR          | 滑輪       | D54xL29           | 2.00  | EA   |

## PRODUCT BOM MASTER AND SUB-ITEMS LIST

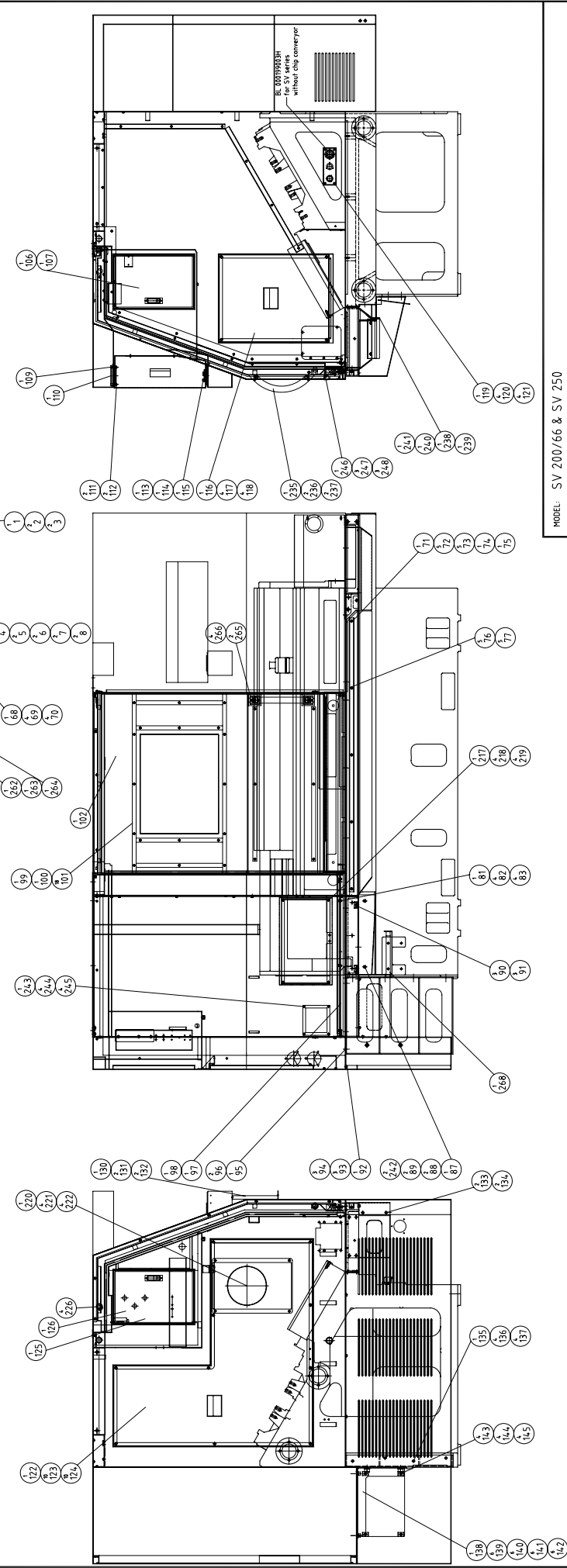
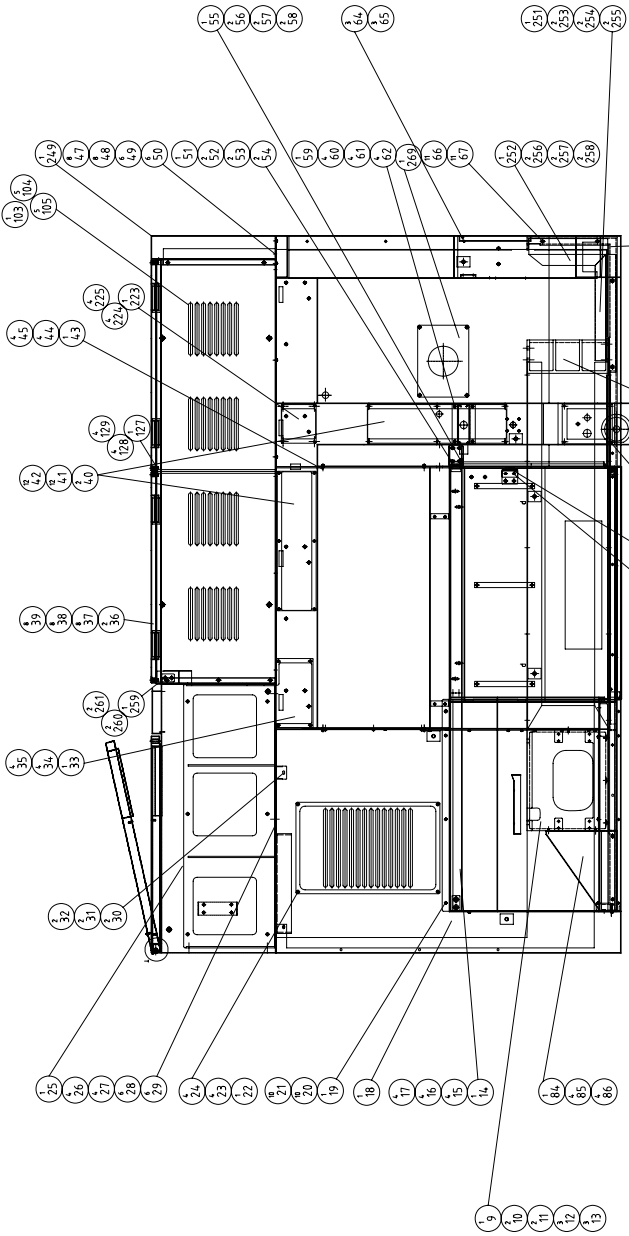
| Item Part NO.         | Description           | 中文名稱     | Specification  | Qty  | Unit |
|-----------------------|-----------------------|----------|----------------|------|------|
| 212.00 NV 00082310101 | RING, C-RETAINING     | C型內扣     | R-28           | 2.00 | EA   |
| 213.00 NV 00002660104 | BALL BEARING          | 單列深槽滾珠軸承 | 6001ZZ         | 2.00 | EA   |
| 214.00 NV 000403802A  | SHAFT, DOOR ROLLER    | 輪軸       | D18xL27.5      | 2.00 | EA   |
| 217.00 BL 000499004C  | COVER                 | 蓋        | L318xW168xH2.3 | 1.00 | EA   |
| 218.00 MS 0103516     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL12    | 4.00 | EA   |
| 219.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5             | 4.00 | EA   |
| 220.00 BLA00022128C   | SIDE COVER            | 側蓋       | L395xW270xH2.3 | 1.00 | EA   |
| 221.00 MS 0103516     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL12    | 4.00 | EA   |
| 222.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5             | 4.00 | EA   |
| 223.00 BL 000299013A  | COVER                 | 蓋子       | L195xW80xH2.3  | 1.00 | EA   |
| 224.00 MS 0103516     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL12    | 4.00 | EA   |
| 225.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5             | 4.00 | EA   |
| 226.00 NV 001033102A  | PLUG, SPLASH GUARD    | 孔塞       | D30.5xL9.5     | 4.00 | EA   |
| 235.00 NV 000699001A  | HANDLE ASSEMBLY       | 把手組成     | ASSM           | 1.00 | EA   |
| 236.00 MS 0104017     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M10xP1.5xL16   | 2.00 | EA   |
| 237.00 MW 0184010     | SPRING WASHER         | 彈簧墊圈     | M10            | 2.00 | EA   |
| 238.00 BL 000805020C  | WIPER                 | 刮刷片      | L1284xW70xH2   | 1.00 | EA   |
| 239.00 BL 000499037C  | PLATE                 | 壓板       | L1284xW44xH5   | 1.00 | EA   |
| 240.00 BL 000499038C  | PLATE                 | 壓板       | L202xW44xH5    | 1.00 | EA   |
| 241.00 BL 000805021C  | WIPER                 | 刮刷片      | L194.5xW70xH2  | 1.00 | EA   |
| 242.00 MW 0103610     | FLAT WASHER           | 平墊圈      | M6(d6*D19*H2)  | 2.00 | EA   |
| 243.00 BL 000299013A  | COVER                 | 蓋子       | L195xW80xH2.3  | 1.00 | EA   |
| 244.00 MS 0103516     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL12    | 4.00 | EA   |

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.         | Description              | 中文名稱        | Specification     | Qty  | Unit |
|-----------------------|--------------------------|-------------|-------------------|------|------|
| 245.00 MW 0183510     | SPRING WASHER            | 彈簧墊圈        | M5                | 4.00 | EA   |
| 246.00 BL 000022193C  | FORE PLATE               | 前護板         | L888.5xW20.4xH20  | 1.00 | EA   |
| 247.00 MS 0103414     | SOCKET HEAD CAP SCREW    | 六角穴圓頭螺絲     | M4xP0.7xL8        | 3.00 | EA   |
| 248.00 MW 0183410     | SPRING WASHER            | 彈簧墊圈        | M4                | 3.00 | EA   |
| 251.00 BL 000399096C  | PLATE,GUIDE CHIP         | 導屑板         | LxWxH             | 1.00 | ST   |
| 252.00 BL 000399097E  | PLATE,GUIDE CHIP(GS 250) | 導屑板(GS 250) | L302xW93.3xH134.6 | 1.00 | ST   |
| 253.00 MS 0103617     | SOCKET HEAD CAP SCREW    | 六角穴圓頭螺絲     | M6xP1.0xL16       | 2.00 | EA   |
| 254.00 MW 0183610     | SPRING WASHER            | 彈簧墊圈        | M6                | 2.00 | EA   |
| 255.00 MW 0103610     | FLAT WASHER              | 平墊圈         | M6(d6*D19*H2)     | 2.00 | EA   |
| 256.00 MS 0103617     | SOCKET HEAD CAP SCREW    | 六角穴圓頭螺絲     | M6xP1.0xL16       | 2.00 | EA   |
| 257.00 MW 0183610     | SPRING WASHER            | 彈簧墊圈        | M6                | 2.00 | EA   |
| 258.00 MW 0103610     | FLAT WASHER              | 平墊圈         | M6(d6*D19*H2)     | 2.00 | EA   |
| 259.00 BL 000399041A  | PLATE,SWITCH SEAT        | 開關座板        | L60xW50xH5        | 1.00 | EA   |
| 260.00 BLA000399040A  | SEAT,SWITCH              | 開關座         | L60xW28.5xH15     | 1.00 | EA   |
| 261.00 GX 00103590101 | LATCH, COPPER, TWIN BALL | 銅雙珠門擋       | 允隙TK-60           | 1.00 | EA   |
| 262.00 BL 000599086A  | COVER                    | 蓋           | L:47xW:39xH:2.3   | 2.00 | EA   |
| 263.00 MS 0313514     | FLAT HD. SOCKET          | 六角穴平頭螺絲     | M5xP0.8xL8        | 4.00 | EA   |
| 264.00 BL 000299039E  | DEPRESSOR, WINDOW        | 窗戶壓板(上)     | L885xW572.4xH2.3  | 1.00 | EA   |
| 265.00 BL 000299040C  | PLATE,COOLANT TANK       | 水箱擋水板       | L226.7xW39.1xH35  | 1.00 | EA   |

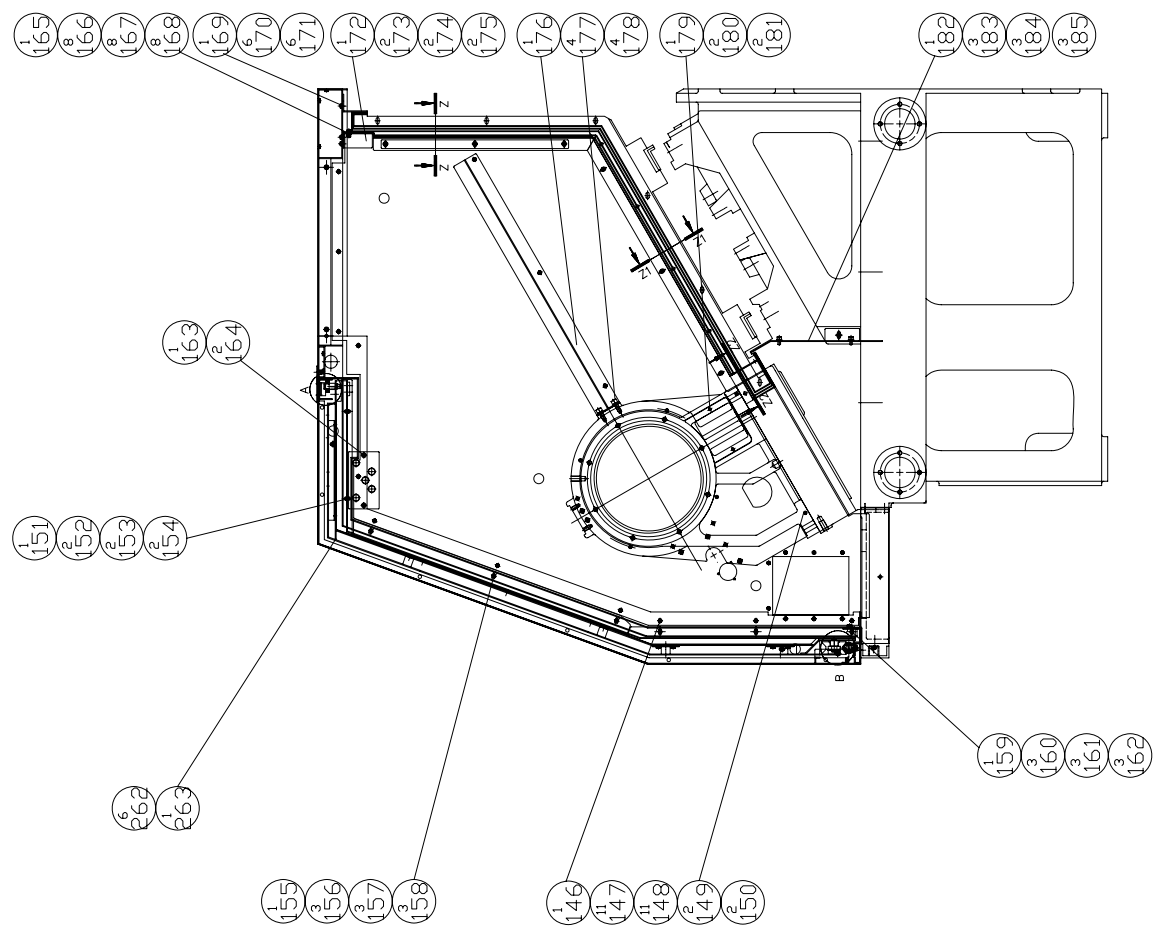
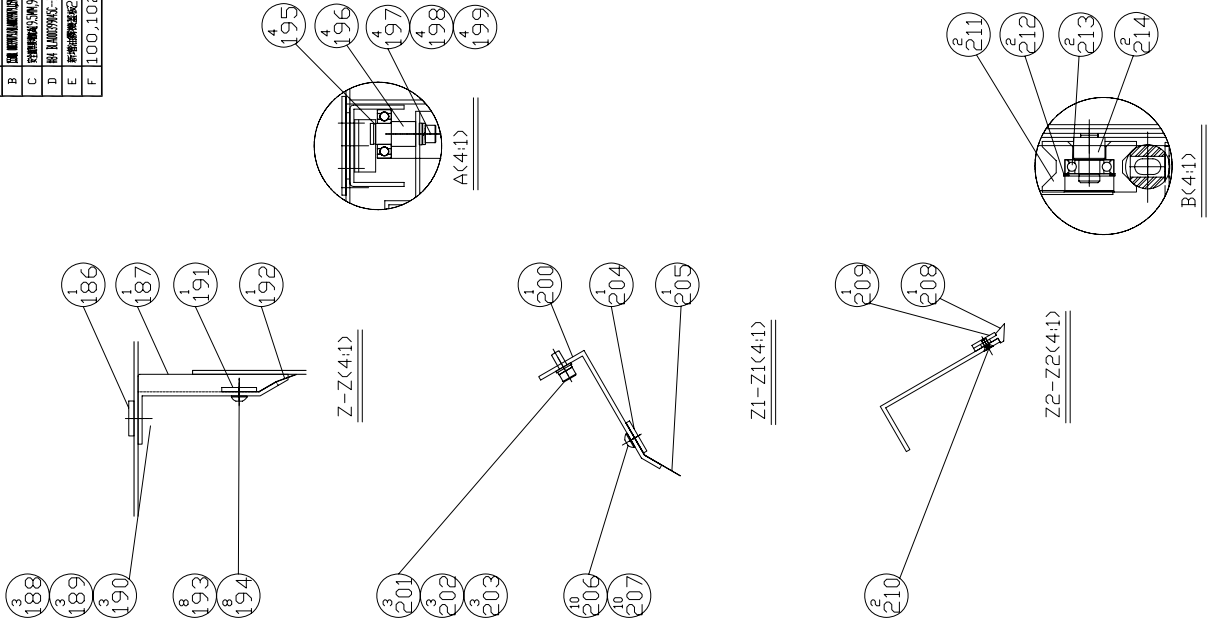


| REV | DESCRIPTION       | DATE    | ECK |
|-----|-------------------|---------|-----|
| A   | 外型寸法              | 2007/07 |     |
| B   | 外型寸法(吹送機付)        | 2007/06 | 592 |
| C   | 外型寸法(吹送機付)        | 2007/06 | 592 |
| D   | 外型寸法(吹送機付)        | 2007/06 | 592 |
| E   | 外型寸法(吹送機付)        | 2007/06 | 592 |
| F   | 100, 102型用BLA=BLB | 2007/06 | 887 |



|                              |
|------------------------------|
| MODEL: SV 200/66 & SV 250    |
| PART NAME<br>ENCLOSURE ASSM. |
| PART NUMBER<br>BL 001045310J |
| DATE 2007/3/21               |
| SCALE 1:30                   |
| REV. F                       |
| PAGE 1 OF 2                  |

| REV | DESCRIPTION     | DATE       | ECN |
|-----|-----------------|------------|-----|
| A   | 新設計             | 2007/3/21  |     |
| B   | 設計変更(ボルト径変更)    | 2007/6/16  | 592 |
| B   | 設計変更(ボルト径変更)    | 2007/6/16  | 592 |
| B   | 設計変更(ボルト径変更)    | 2007/6/16  | 592 |
| C   | 設計変更(ボルト径変更)    | 2007/7/4   | 627 |
| D   | 設計変更(ボルト径変更)    | 2007/9/5   | 771 |
| E   | 設計変更(ボルト径変更)    | 2007/10/9  | 829 |
| F   | 100,102のBLA>BLB | 2007/11/16 | 887 |



|                                      |
|--------------------------------------|
| MODEL: SV 200/66 & SV 250            |
| PART NAME<br>ENCLOSURE ASSM.<br>外型板金 |
| PART NUMBER<br>BL 001045310J         |
| DATE 2007/3/21                       |
| SCALE 1:18                           |
| PAGE 2 OF 2                          |
| REV. F                               |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 001045310J

Description: ENCLOSURE ASSM.(SV 250)  
外型板金(SV 250)

| Item  | Part NO.      | Description           | 中文名稱           | Specification     | Qty   | Unit |
|-------|---------------|-----------------------|----------------|-------------------|-------|------|
| 1.00  | BL 000499040E | PLATE,SLINGER(GS 250) | 前支撐板(GS 250)   | L2659xW345xH65    | 1.00  | EA   |
| 2.00  | MS 0104218    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲        | M12xP1.75X20      | 2.00  | EA   |
| 3.00  | MW 0184210    | SPRING WASHER         | 彈簧墊圈           | M12               | 2.00  | EA   |
| 4.00  | BL 000026204C | SUPPORT BLOCK,SHEET   | 前支撐塊           | L130.2xW314xH68   | 1.00  | EA   |
| 5.00  | MS 0104218    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲        | M12xP1.75X20      | 2.00  | EA   |
| 6.00  | MW 0184210    | SPRING WASHER         | 彈簧墊圈           | M12               | 2.00  | EA   |
| 7.00  | MS 0103817    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲        | M8xP1.25xL16      | 2.00  | EA   |
| 8.00  | MW 0183810    | SPRING WASHER         | 彈簧墊圈           | M8                | 2.00  | EA   |
| 9.00  | BL 000026203C | SUPPORT BLOCK,SHEET   | 前支撐塊           | L303xW314xH68     | 1.00  | EA   |
| 10.00 | MS 0104218    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲        | M12xP1.75X20      | 2.00  | EA   |
| 11.00 | MW 0184210    | SPRING WASHER         | 彈簧墊圈           | M12               | 2.00  | EA   |
| 12.00 | MS 0103817    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲        | M8xP1.25xL16      | 3.00  | EA   |
| 13.00 | MW 0183810    | SPRING WASHER         | 彈簧墊圈           | M8                | 3.00  | EA   |
| 14.00 | BLA00022106C  | DOOR GUIDE,UPPER      | 上滑道            | L1778xW56.6xH31   | 1.00  | EA   |
| 15.00 | MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲        | M5xP0.8xL12       | 4.00  | EA   |
| 16.00 | MW 0103510    | FLAT WASHER           | 平墊圈            | M5                | 4.00  | EA   |
| 17.00 | MW 0183510    | SPRING WASHER         | 彈簧墊圈           | M5                | 4.00  | EA   |
| 18.00 | BL 000022151J | LEFT ENCLOSURE,SV 250 | 左箱(外型板金)SV 250 | L1320xW1245xH952  | 1.00  | EA   |
| 19.00 | BL 000399078J | FRONT COVER           | 前蓋             | L810xW1247.3xH684 | 1.00  | EA   |
| 20.00 | MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲        | M5xP0.8xL12       | 10.00 | EA   |

## PRODUCT BOM MASTER AND SUB-ITEMS LIST

| Item  | Part NO.      | Description                | 中文名稱    | Specification  | Qty   | Unit |
|-------|---------------|----------------------------|---------|----------------|-------|------|
| 21.00 | MW 0183510    | SPRING WASHER              | 彈簧墊圈    | M5             | 10.00 | EA   |
| 22.00 | BL 000199028C | CLEARSTORY                 | 通風窗     | L550xW350xH2.3 | 1.00  | EA   |
| 23.00 | MS 0103615    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M6xP1.0xL10    | 4.00  | EA   |
| 24.00 | MW 0183610    | SPRING WASHER              | 彈簧墊圈    | M6             | 4.00  | EA   |
| 26.00 | MS 0104017    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M10xP1.5xL16   | 4.00  | EA   |
| 27.00 | MW 0184010    | SPRING WASHER              | 彈簧墊圈    | M10            | 4.00  | EA   |
| 28.00 | MS 0103615    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M6xP1.0xL10    | 6.00  | EA   |
| 29.00 | MW 0183610    | SPRING WASHER              | 彈簧墊圈    | M6             | 6.00  | EA   |
| 30.00 | MS 0103615    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M6xP1.0xL10    | 2.00  | EA   |
| 31.00 | MW 0183610    | SPRING WASHER              | 彈簧墊圈    | M6             | 2.00  | EA   |
| 32.00 | MW 0103610    | FLAT WASHER                | 平墊圈     | M6(d6*D19*H2)  | 2.00  | EA   |
| 33.00 | BL 000199004C | COVER                      | 蓋       | L265xW142xH2.3 | 1.00  | EA   |
| 34.00 | MS 0103516    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M5xP0.8xL12    | 4.00  | EA   |
| 35.00 | MW 0183510    | SPRING WASHER              | 彈簧墊圈    | M5             | 4.00  | EA   |
| 36.00 | BL 000022120F | BACK COVER(VEAR ENCLOSURE) | 後蓋(後箱)  | L1395xW807xH19 | 2.00  | EA   |
| 37.00 | MS 0103619    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M6xP1.0xL25    | 8.00  | EA   |
| 38.00 | MW 0183610    | SPRING WASHER              | 彈簧墊圈    | M6             | 8.00  | EA   |
| 39.00 | MW 0103610    | FLAT WASHER                | 平墊圈     | M6(d6*D19*H2)  | 8.00  | EA   |
| 40.00 | BLA000199003C | COVER                      | 蓋       | L495xW118xH2.3 | 2.00  | EA   |
| 41.00 | MS 0103516    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M5xP0.8xL12    | 12.00 | EA   |
| 42.00 | MW 0183510    | SPRING WASHER              | 彈簧墊圈    | M5             | 12.00 | EA   |
| 43.00 | BLB000022136C | LINKAGE PLATE              | 連接板     | L1003xW665xH93 | 1.00  | EA   |
| 44.00 | MS 0103615    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M6xP1.0xL10    | 4.00  | EA   |

## PRODUCT BOM MASTER AND SUB-ITEMS LIST

| Item Part NO. | Description   | 中文名稱    | Specification  | Qty   | Unit |
|---------------|---------------|---------|----------------|-------|------|
| 45.00         | MW 0183610    | 彈簧墊圈    | M6             | 4.00  | EA   |
| 47.00         | MS 0103615    | 六角穴圓頭螺絲 | M6xP1.0xL10    | 8.00  | EA   |
| 48.00         | MW 0183610    | 彈簧墊圈    | M6             | 8.00  | EA   |
| 49.00         | MS 0103516    | 六角穴圓頭螺絲 | M5xP0.8xL12    | 6.00  | EA   |
| 50.00         | MW 0183510    | 彈簧墊圈    | M5             | 6.00  | EA   |
| 51.00         | BLA000399046C | 安全開關座   | L40xW35xH30    | 1.00  | EA   |
| 52.00         | MS 0103414    | 六角穴圓頭螺絲 | M4xP0.7xL8     | 2.00  | EA   |
| 53.00         | MW 0183410    | 彈簧墊圈    | M4             | 2.00  | EA   |
| 54.00         | MW 0103410    | 平墊圈     | M4x10Dx1T      | 2.00  | EA   |
| 55.00         | BL 000399047C | 固定板     | L35xW15xH2.3   | 1.00  | EA   |
| 56.00         | MS 0103417    | 六角穴圓頭螺絲 | M4xP0.7xL16    | 2.00  | EA   |
| 57.00         | MW 0183410    | 彈簧墊圈    | M4             | 2.00  | EA   |
| 58.00         | MW 0103410    | 平墊圈     | M4x10Dx1T      | 2.00  | EA   |
| 59.00         | BLA000399048C | 安全開關座   | L154xW88xH52.5 | 1.00  | EA   |
| 60.00         | MS 0103516    | 六角穴圓頭螺絲 | M5xP0.8xL12    | 4.00  | EA   |
| 61.00         | MW 0183510    | 彈簧墊圈    | M5             | 4.00  | EA   |
| 62.00         | MW 0103510    | 平墊圈     | M5             | 4.00  | EA   |
| 64.00         | MS 0103615    | 六角穴圓頭螺絲 | M6xP1.0xL10    | 3.00  | EA   |
| 65.00         | MW 0183610    | 彈簧墊圈    | M6             | 3.00  | EA   |
| 66.00         | MS 0103615    | 六角穴圓頭螺絲 | M6xP1.0xL10    | 11.00 | EA   |
| 67.00         | MW 0183610    | 彈簧墊圈    | M6             | 11.00 | EA   |
| 68.00         | BL 001011523C | 蓋板      | L152xW191xH2.3 | 1.00  | EA   |
| 69.00         | MS 0103516    | 六角穴圓頭螺絲 | M5xP0.8xL12    | 4.00  | EA   |

## PRODUCT BOM MASTER AND SUB-ITEMS LIST

| Item Part NO. | Description   | 中文名稱         | Specification     | Qty  | Unit |
|---------------|---------------|--------------|-------------------|------|------|
| 70.00         | MW 0183510    | 彈簧墊圈         | M5                | 4.00 | EA   |
| 71.00         | BL 000399042C | 導屑盤          | L1403.5xW330xH125 | 1.00 | EA   |
| 72.00         | MS 0103615    | 六角穴圓頭螺絲      | M6xP1.0xL10       | 5.00 | EA   |
| 73.00         | MW 0183610    | 彈簧墊圈         | M6                | 5.00 | EA   |
| 74.00         | MS 0103516    | 六角穴圓頭螺絲      | M5xP0.8xL12       | 1.00 | EA   |
| 75.00         | MW 0183510    | 彈簧墊圈         | M5                | 1.00 | EA   |
| 76.00         | MS 0103515    | 六角穴圓頭螺絲      | M5xP0.8xL10       | 5.00 | EA   |
| 77.00         | MW 0183510    | 彈簧墊圈         | M5                | 5.00 | EA   |
| 81.00         | BLB000399043C | 導水槽          | L1781xW105xH83    | 1.00 | EA   |
| 82.00         | MS 0103615    | 六角穴圓頭螺絲      | M6xP1.0xL10       | 4.00 | EA   |
| 83.00         | MW 0183610    | 彈簧墊圈         | M6                | 4.00 | EA   |
| 84.00         | BL 000699024C | 左下護蓋         | L272.5xW216xH309  | 1.00 | EA   |
| 85.00         | MS 0103817    | 六角穴圓頭螺絲      | M8xP1.25xL16      | 4.00 | EA   |
| 86.00         | MW 0183810    | 彈簧墊圈         | M8                | 4.00 | EA   |
| 87.00         | BL 000399044C | 導水槽          | L395xW85xH80      | 1.00 | EA   |
| 88.00         | MS 0103615    | 六角穴圓頭螺絲      | M6xP1.0xL10       | 2.00 | EA   |
| 89.00         | MW 0183610    | 彈簧墊圈         | M6                | 2.00 | EA   |
| 90.00         | MS 0103615    | 六角穴圓頭螺絲      | M6xP1.0xL10       | 3.00 | EA   |
| 91.00         | MW 0183610    | 彈簧墊圈         | M6                | 3.00 | EA   |
| 92.00         | BL 000299034F | 左側蓋(GS 250L) | L1791.5xW521xH80  | 1.00 | EA   |
| 93.00         | MS 0103615    | 六角穴圓頭螺絲      | M6xP1.0xL10       | 3.00 | EA   |
| 94.00         | MW 0183610    | 彈簧墊圈         | M6                | 3.00 | EA   |
| 95.00         | MS 0103820    | 六角穴圓頭螺絲      | M8xP1.25xL30      | 1.00 | EA   |

## PRODUCT BOM MASTER AND SUB-ITEMS LIST

| Item Part NO.         | Description                   | 中文名稱        | Specification          | Qty   | Unit |
|-----------------------|-------------------------------|-------------|------------------------|-------|------|
| 96.00 MW 0183810      | SPRING WASHER                 | 彈簧墊圈        | M8                     | 2.00  | EA   |
| 97.00 BLB000022113C   | ROD, FRONT DOOR GUIDE         | 前門滑道        | D25.4xL1692            | 1.00  | EA   |
| 98.00 MS 0103818      | SOCKET HEAD CAP SCREW         | 六角穴圓頭螺絲     | M8xP1.25xL20           | 1.00  | EA   |
| 99.00 BLA001044905A   | VISION PANEL                  | 安全窗         | <LAMINTON>532*452*19.5 | 1.00  | EA   |
| 100.00 BLB000199051J  | DEPRESSOR,WINDOW              | 窗戶壓板        | L1092.6xW885xH265      | 1.00  | EA   |
| 101.00 MS 0313514     | FLAT HD. SOCKET               | 六角穴平頭螺絲     | M5xP0.8xL8             | 18.00 | EA   |
| 102.00 BLB0000378000J | DOOR, GUARD FRONT             | 活動門         | L1210.7xW889xH629      | 1.00  | EA   |
| 103.00 BL 000599094E  | UPPER COVER(GS 250)           | 上蓋(GS 250)  | L1622.7xW458xH50       | 1.00  | EA   |
| 104.00 MS 0103616     | SOCKET HEAD CAP SCREW         | 六角穴圓頭螺絲     | M6xP1.0xL12            | 5.00  | EA   |
| 105.00 MW 0183610     | SPRING WASHER                 | 彈簧墊圈        | M6                     | 5.00  | EA   |
| 106.00 BL 000022112C  | ROTARY DOOR                   | 旋轉門         | L265xW396xH19          | 1.00  | EA   |
| 107.00 BL 00103590101 | DOOR LATCH                    | 壓扣把手(全銀色系列) | [YI-LOONG]A-240-3-B    | 1.00  | EA   |
| 108.00 MS 0313413     | FLAT HD. SOCKET               | 六角穴平頭螺絲     | M4xP0.7xL6             | 1.00  | EA   |
| 109.00 NV 000691601A  | RING, OPERATING PANEL CASE    | 止動環         | D98Xd76XL2.3           | 1.00  | EA   |
| 110.00 NV 000048104A  | BUSHING, OPERATING PANEL CASE | 操作箱襯套       | D104xL20               | 1.00  | ST   |
| 111.00 MS 0303413     | BUTTON HD. SOCKET             | 六角穴半圓頭螺絲    | M4xP0.7xL6             | 2.00  | EA   |
| 112.00 MW 0183410     | SPRING WASHER                 | 彈簧墊圈        | M4                     | 2.00  | EA   |
| 113.00 NV 000048103A  | BUSHING, OPERATING PANEL CASE | 操作箱襯套       | D60.3xL30              | 1.00  | ST   |
| 114.00 MS 0103617     | SOCKET HEAD CAP SCREW         | 六角穴圓頭螺絲     | M6xP1.0xL16            | 1.00  | EA   |
| 115.00 MW 0183610     | SPRING WASHER                 | 彈簧墊圈        | M6                     | 1.00  | EA   |
| 116.00 BL 000022119C  | RIGHT COVER,ENCLOSEURE        | 右側蓋         | Lx409xW543xH12         | 1.00  | EA   |
| 117.00 MS 0103619     | SOCKET HEAD CAP SCREW         | 六角穴圓頭螺絲     | M6xP1.0xL25            | 4.00  | EA   |
| 118.00 MW 0183610     | SPRING WASHER                 | 彈簧墊圈        | M6                     | 4.00  | EA   |

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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO. | Description    | 中文名稱          | Specification        | Qty   | Unit |
|---------------|----------------|---------------|----------------------|-------|------|
| 119.00        | BL 000299030C  | 蓋板            | L180xW60xH2.3        | 1.00  | EA   |
| 120.00        | MS 0103516     | 六角穴圓頭螺絲       | M5xP0.8xL12          | 4.00  | EA   |
| 121.00        | MW 0183510     | 彈簧墊圈          | M5                   | 4.00  | EA   |
| 122.00        | BLA00022110C   | 左側蓋           | L1020xW998xH12       | 1.00  | EA   |
| 123.00        | MS 0103619     | 六角穴圓頭螺絲       | M6xP1.0xL25          | 10.00 | EA   |
| 124.00        | MW 0183610     | 彈簧墊圈          | M6                   | 10.00 | EA   |
| 125.00        | BL 00103590101 | 壓扣把手(全銀色系列)   | [YI-LOONG]JA-240-3-B | 1.00  | EA   |
| 126.00        | BL 000022112J  | 左箱旋轉門(SV 250) | L265xW396xH19        | 1.00  | EA   |
| 127.00        | BL 000599092E  | 橫樑(GS 250)    | L1622.7xW40xH90      | 1.00  | EA   |
| 128.00        | MS 0103616     | 六角穴圓頭螺絲       | M6xP1.0xL12          | 4.00  | EA   |
| 129.00        | MW 0183610     | 彈簧墊圈          | M6                   | 4.00  | EA   |
| 130.00        | BLA001011519C  | 噴槍固定座         | L62xW37xH40          | 1.00  | EA   |
| 131.00        | MS 0103516     | 六角穴圓頭螺絲       | M5xP0.8xL12          | 2.00  | EA   |
| 132.00        | MW 0183510     | 彈簧墊圈          | M5                   | 2.00  | EA   |
| 133.00        | MS 0103615     | 六角穴圓頭螺絲       | M6xP1.0xL10          | 2.00  | EA   |
| 134.00        | MW 0183610     | 彈簧墊圈          | M6                   | 2.00  | EA   |
| 135.00        | BL 000399041C  | 支撐座           | L382xW530xH60        | 1.00  | EA   |
| 136.00        | MS 0104017     | 六角穴圓頭螺絲       | M10xP1.5xL16         | 4.00  | EA   |
| 137.00        | MW 0184010     | 彈簧墊圈          | M10                  | 4.00  | EA   |
| 138.00        | BL 000199016E  | 強電箱座(GS 250)  | L1007xW246xH352      | 1.00  | EA   |
| 139.00        | MS 0104017     | 六角穴圓頭螺絲       | M10xP1.5xL16         | 6.00  | EA   |
| 140.00        | MW 0184010     | 彈簧墊圈          | M10                  | 6.00  | EA   |
| 141.00        | MS 0104618     | 六角穴圓頭螺絲       | M16*P2.0*L20         | 6.00  | EA   |



## PRODUCT BOM MASTER AND SUB-ITEMS LIST

| Item Part NO.         | Description                 | 中文名稱         | Specification       | Qty   | Unit |
|-----------------------|-----------------------------|--------------|---------------------|-------|------|
| 142.00 MW 0184610     | SPRING WASHER               | 彈簧墊圈         | M16                 | 6.00  | EA   |
| 143.00 MS 0103615     | SOCKET HEAD CAP SCREW       | 六角穴圓頭螺絲      | M6xP1.0xL10         | 4.00  | EA   |
| 144.00 MW 0183610     | SPRING WASHER               | 彈簧墊圈         | M6                  | 4.00  | EA   |
| 145.00 MW 0103610     | FLAT WASHER                 | 平墊圈          | M6(d6*D19*H2)       | 4.00  | EA   |
| 146.00 BL 000022152J  | PLATE,SPINDLE(SV 250)       | 主軸前板(SV 250) | L1262.7xW1132.7xH20 | 1.00  | EA   |
| 147.00 MS 0303516     | BUTTON HD. SOCKET           | 六角穴半圓頭螺絲     | M5xP0.8xL12         | 11.00 | EA   |
| 148.00 MW 0183510     | SPRING WASHER               | 彈簧墊圈         | M5                  | 11.00 | EA   |
| 149.00 MS 0303616     | BUTTON HD. SOCKET           | 六角穴半圓頭螺絲     | M6xP1.0xL12         | 2.00  | EA   |
| 150.00 MW 0183610     | SPRING WASHER               | 彈簧墊圈         | M6                  | 2.00  | EA   |
| 151.00 BLA000199047J  | PLATE,SPLASH GUARD(SV 250)  | 擋水板(SV 250)  | L356.6xW36.2xH2.3   | 1.00  | EA   |
| 152.00 MS 0103516     | SOCKET HEAD CAP SCREW       | 六角穴圓頭螺絲      | M5xP0.8xL12         | 2.00  | EA   |
| 153.00 MW 0103510     | FLAT WASHER                 | 平墊圈          | M5                  | 2.00  | EA   |
| 154.00 MW 0183510     | SPRING WASHER               | 彈簧墊圈         | M5                  | 2.00  | EA   |
| 155.00 BLA000399079J  | PLATE, SPLASH GUARD(SV 250) | 擋水板(SV 250)  | L681.5xW35.9xH2.3   | 1.00  | EA   |
| 156.00 MS 0103516     | SOCKET HEAD CAP SCREW       | 六角穴圓頭螺絲      | M5xP0.8xL12         | 3.00  | EA   |
| 157.00 MW 0103510     | FLAT WASHER                 | 平墊圈          | M5                  | 3.00  | EA   |
| 158.00 MW 0183510     | SPRING WASHER               | 彈簧墊圈         | M5                  | 3.00  | EA   |
| 159.00 BL 0000399080J | PLATE, SPLASH GUARD         | 擋水板          | L515.1xW39.5xH2.3   | 1.00  | EA   |
| 160.00 MS 0103516     | SOCKET HEAD CAP SCREW       | 六角穴圓頭螺絲      | M5xP0.8xL12         | 3.00  | EA   |
| 161.00 MW 0183510     | SPRING WASHER               | 彈簧墊圈         | M5                  | 3.00  | EA   |
| 162.00 MW 0103510     | FLAT WASHER                 | 平墊圈          | M5                  | 3.00  | EA   |
| 163.00 BL 001023402C  | MANIFOLD BLOCK              | 分油塊          | L131xW70xH30        | 1.00  | EA   |
| 164.00 MS 0103620     | SOCKET HEAD CAP SCREW       | 六角穴圓頭螺絲      | M6xP1.0xL30         | 2.00  | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.        | Description           | 中文名稱    | Specification     | Qty  | Unit |
|----------------------|-----------------------|---------|-------------------|------|------|
| 165.00 BL 000299086C | BRACKET,WAY COVER     | 伸縮護蓋支撐板 | L1876xW38xH70     | 1.00 | EA   |
| 166.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL10       | 8.00 | EA   |
| 167.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6                | 8.00 | EA   |
| 168.00 MW 0103610    | FLAT WASHER           | 平墊圈     | M6(d6*D19*H2)     | 8.00 | EA   |
| 169.00 BL 000299087C | BRACKET, WAY COVER    | 伸縮護蓋支撐板 | L1878xW25xH56     | 1.00 | EA   |
| 170.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6                | 6.00 | EA   |
| 171.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL10       | 6.00 | EA   |
| 172.00 BL 000299088C | PLATE,SPLASH GUARD    | 擋水板     | Lx85xW67xH35      | 1.00 | EA   |
| 173.00 MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M5xP0.8xL12       | 2.00 | EA   |
| 174.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈    | M5                | 2.00 | EA   |
| 175.00 MW 0103510    | FLAT WASHER           | 平墊圈     | M5                | 2.00 | EA   |
| 176.00 BL 000199036C | BRACKET,FRONT PLATE   | 前板固定板   | L660xW317xH60     | 1.00 | EA   |
| 177.00 MS 0103817    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M8xP1.25xL16      | 4.00 | EA   |
| 178.00 MW 0183810    | SPRING WASHER         | 彈簧墊圈    | M8                | 4.00 | EA   |
| 179.00 BL 001011517C | COVER                 | 蓋板      | L118xW112.23xH2.3 | 1.00 | EA   |
| 180.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL10       | 2.00 | EA   |
| 181.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6                | 2.00 | EA   |
| 182.00 BL 000199037C | PLATE,SPLASH GUARD    | 擋水板     | L355.5xW302.6xH56 | 1.00 | EA   |
| 183.00 MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M5xP0.8xL12       | 3.00 | EA   |
| 184.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈    | M5                | 3.00 | EA   |
| 185.00 MW 0103510    | FLAT WASHER           | 平墊圈     | M5                | 3.00 | EA   |
| 186.00 BL 000399015C | PLATE,SPINDLE         | 固定板     | L430xW20xH3       | 1.00 | EA   |
| 187.00 BL 001011525C | COVER,SPLASH GUARD    | 護蓋板     | L510.26xW86xH40   | 1.00 | EA   |

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| Item Part NO.         | Description           | 中文名稱     | Specification     | Qty   | Unit |
|-----------------------|-----------------------|----------|-------------------|-------|------|
| 188.00 MS 0103516     | SOCKET HEAD CAP SCREW | 六角六圓頭螺絲  | M5xP0.8xL12       | 3.00  | EA   |
| 189.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5                | 3.00  | EA   |
| 190.00 MW 0103510     | FLAT WASHER           | 平墊圈      | M5                | 3.00  | EA   |
| 191.00 BL 000299089C  | PLATE                 | 壓板       | L497xW20xH2.3     | 1.00  | EA   |
| 192.00 BL 000805013C  | WIPER                 | 刮刷片      | L512xW45xH0.15    | 1.00  | EA   |
| 193.00 MS 0303513     | BUTTON HD. SOCKET     | 六角六半圓頭螺絲 | M5xP0.8xL6        | 8.00  | EA   |
| 194.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5                | 8.00  | EA   |
| 195.00 NV 00082310201 | RING, C-RETAINING     | C型外扣     | S-12              | 4.00  | EA   |
| 196.00 NV 000403801A  | SHAFT, DOOR ROLLER    | 輪軸       | D14.3xL23.5       | 4.00  | EA   |
| 197.00 MS 0103617     | SOCKET HEAD CAP SCREW | 六角六圓頭螺絲  | M6xP1.0xL16       | 4.00  | EA   |
| 198.00 MW 0183610     | SPRING WASHER         | 彈簧墊圈     | M6                | 4.00  | EA   |
| 199.00 MW 0103610     | FLAT WASHER           | 平墊圈      | M6(d6*D19*H2)     | 4.00  | EA   |
| 200.00 BL 001011526C  | COVER,SPLASH GUARD    | 護蓋板      | L659.4xW80.4xH103 | 1.00  | EA   |
| 201.00 MS 0103516     | SOCKET HEAD CAP SCREW | 六角六圓頭螺絲  | M5xP0.8xL12       | 3.00  | EA   |
| 202.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5                | 3.00  | EA   |
| 203.00 MW 0103510     | FLAT WASHER           | 平墊圈      | M5                | 3.00  | EA   |
| 204.00 BL 000199052C  | PLATE                 | 壓板       | L613xW20xH2.3     | 1.00  | EA   |
| 205.00 BL 000805013C  | WIPER                 | 刮刷片      | L512xW45xH0.15    | 1.00  | EA   |
| 206.00 MS 0303513     | BUTTON HD. SOCKET     | 六角六半圓頭螺絲 | M5xP0.8xL6        | 10.00 | EA   |
| 207.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5                | 10.00 | EA   |
| 208.00 BL 000805009C  | WIPER                 | 刮刷片      | L72.5xW22.5xH8.5  | 1.00  | EA   |
| 209.00 BL 000199055C  | SHIM                  | 墊片       | L70xW15xH2        | 1.00  | EA   |
| 210.00 MS 0313313     | FLAT HD. SOCKET       | 六角六平頭螺絲  | M3xP0.5xL6        | 2.00  | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.         | Description           | 中文名稱     | Specification  | Qty  | Unit |
|-----------------------|-----------------------|----------|----------------|------|------|
| 211.00 NV 000942400A  | ROLLER, DOOR          | 滑輪       | D54xL29        | 2.00 | EA   |
| 212.00 NV 00082310101 | RING, C-RETAINING     | C型內扣     | R-28           | 2.00 | EA   |
| 213.00 NV 00002660104 | BALL BEARING          | 單列深槽滾珠軸承 | 6001ZZ         | 2.00 | EA   |
| 214.00 NV 000403802A  | SHAFT, DOOR ROLLER    | 輪軸       | D18xL27.5      | 2.00 | EA   |
| 217.00 BL 000499004C  | COVER                 | 蓋        | L318xW168xH2.3 | 1.00 | EA   |
| 218.00 MS 0103516     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL12    | 4.00 | EA   |
| 219.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5             | 4.00 | EA   |
| 220.00 BLA00022128C   | SIDE COVER            | 側蓋       | L395xW270xH2.3 | 1.00 | EA   |
| 221.00 MS 0103516     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL12    | 4.00 | EA   |
| 222.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5             | 4.00 | EA   |
| 223.00 BL 000299013A  | COVER                 | 蓋子       | L195xW80xH2.3  | 1.00 | EA   |
| 224.00 MS 0103516     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL12    | 4.00 | EA   |
| 225.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5             | 4.00 | EA   |
| 226.00 NV 001033102A  | PLUG, SPLASH GUARD    | 孔塞       | D30.5xL9.5     | 4.00 | EA   |
| 235.00 NV 000699001A  | HANDLE ASSEMBLY       | 把手組成     | ASSM           | 1.00 | ST   |
| 236.00 MS 0104017     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M10xP1.5xL16   | 2.00 | EA   |
| 237.00 MW 0184010     | SPRING WASHER         | 彈簧墊圈     | M10            | 2.00 | EA   |
| 238.00 BL 000805020C  | WIPER                 | 刮刷片      | L1284xW70xH2   | 1.00 | EA   |
| 239.00 BL 000499037C  | PLATE                 | 壓板       | L1284xW44xH5   | 1.00 | EA   |
| 240.00 BL 000499038C  | PLATE                 | 壓板       | L202xW44xH5    | 1.00 | EA   |
| 241.00 BL 000805021C  | WIPER                 | 刮刷片      | L194.5xW70xH2  | 1.00 | EA   |
| 242.00 MW 0103610     | FLAT WASHER           | 平墊圈      | M6(d6*D19*H2)  | 2.00 | EA   |
| 243.00 BL 000299013A  | COVER                 | 蓋子       | L195xW80xH2.3  | 1.00 | EA   |

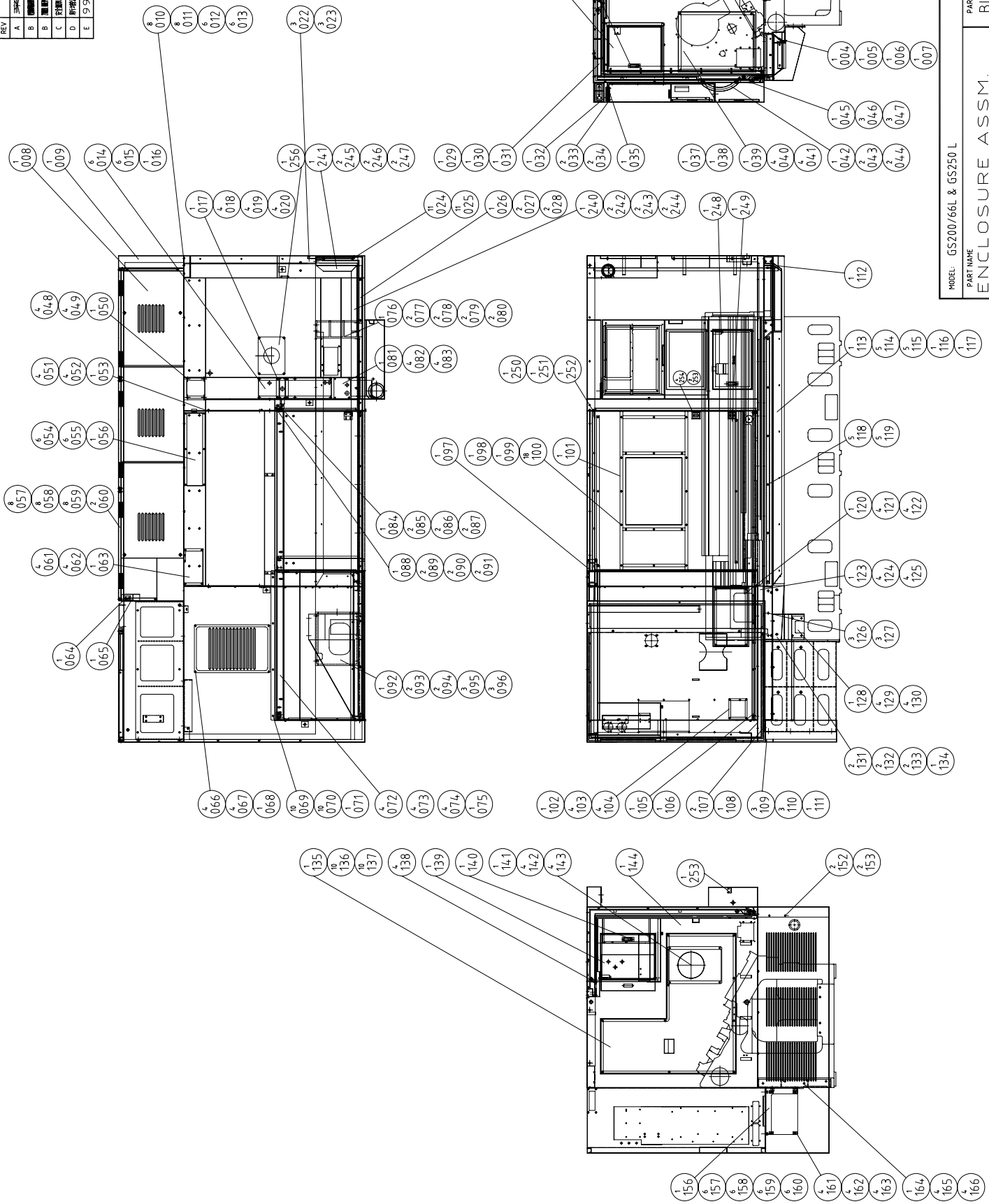
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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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| Item Part NO.         | Description              | 中文名稱         | Specification     | Qty  | Unit |
|-----------------------|--------------------------|--------------|-------------------|------|------|
| 244.00 MS 0103516     | SOCKET HEAD CAP SCREW    | 六角穴圓頭螺絲      | M5xP0.8xL12       | 4.00 | EA   |
| 245.00 MW 0183510     | SPRING WASHER            | 彈簧墊圈         | M5                | 4.00 | EA   |
| 246.00 BL 000022193C  | FORE PLATE               | 前護板          | L888.5xW20.4xH20  | 1.00 | EA   |
| 247.00 MS 0103414     | SOCKET HEAD CAP SCREW    | 六角穴圓頭螺絲      | M4xP0.7xL8        | 3.00 | EA   |
| 248.00 MW 0183410     | SPRING WASHER            | 彈簧墊圈         | M4                | 3.00 | EA   |
| 249.00 BL 000499042F  | RIGHT COVER,(GS 250L)    | 右側蓋(GS 250L) | L1395xW477xH110   | 1.00 | EA   |
| 250.00 NV 000699001A  | HANDLE ASSEMBLY          | 把手組成         | ASSM              | 1.00 | ST   |
| 251.00 BL 000399096C  | PLATE,GUIDE CHIP         | 導屑板          | LxWxH             | 1.00 | ST   |
| 252.00 BL 000399097E  | PLATE,GUIDE CHIP(GS 250) | 導屑板(GS 250)  | L302xW93.3xH134.6 | 1.00 | ST   |
| 253.00 MS 0103617     | SOCKET HEAD CAP SCREW    | 六角穴圓頭螺絲      | M6xP1.0xL16       | 2.00 | EA   |
| 254.00 MW 0183610     | SPRING WASHER            | 彈簧墊圈         | M6                | 2.00 | EA   |
| 255.00 MW 0103610     | FLAT WASHER              | 平墊圈          | M6(d6*D19*H2)     | 2.00 | EA   |
| 256.00 MS 0103617     | SOCKET HEAD CAP SCREW    | 六角穴圓頭螺絲      | M6xP1.0xL16       | 2.00 | EA   |
| 257.00 MW 0183610     | SPRING WASHER            | 彈簧墊圈         | M6                | 2.00 | EA   |
| 258.00 MW 0103610     | FLAT WASHER              | 平墊圈          | M6(d6*D19*H2)     | 2.00 | EA   |
| 259.00 BL 000599091F  | SEAT OF CROSSBEAM        | 橫樑支撐座        | L133xW52xH62      | 1.00 | EA   |
| 260.00 MS 0103616     | SOCKET HEAD CAP SCREW    | 六角穴圓頭螺絲      | M6xP1.0xL12       | 2.00 | EA   |
| 261.00 MW 0183610     | SPRING WASHER            | 彈簧墊圈         | M6                | 2.00 | EA   |
| 262.00 BL 000399041A  | PLATE,SWITCH SEAT        | 開關座板         | L60xW50xH5        | 1.00 | EA   |
| 263.00 BLA000399040A  | SEAT,SWITCH              | 開關座          | L60xW28.5xH15     | 1.00 | EA   |
| 264.00 GX 00103590101 | LATCH, COPPER, TWIN BALL | 銅雙珠門擋        | 允際TK-60           | 1.00 | EA   |
| 265.00 BL 000599086A  | COVER                    | 蓋            | L:47xW:39xH:2.3   | 2.00 | EA   |
| 266.00 MS 0313514     | FLAT HD. SOCKET          | 六角穴平頭螺絲      | M5xP0.8xL8        | 4.00 | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item   | Part NO.      | Description        | 中文名稱    | Specification    | Qty  | Unit |
|--------|---------------|--------------------|---------|------------------|------|------|
| 267.00 | BL 000299039J | DEPRESSOR, WINDOW  | 窗戶壓板(上) | L885xW309.4xH2.3 | 1.00 | ST   |
| 268.00 | BL 000299040C | PLATE,COOLANT TANK | 水箱擋水板   | L226.7xW39.1xH35 | 1.00 | EA   |

| REV | DESCRIPTION       | DATE    | ECL |
|-----|-------------------|---------|-----|
| A   | 外型板金(共用)          | 2007/07 | 592 |
| B   | 外型板金(共用)の修正       | 2007/06 | 592 |
| C   | 外型板金(共用)の修正       | 2007/06 | 592 |
| D   | 外型板金(共用)の修正       | 2007/07 | 667 |
| E   | 外型板金(共用)の修正       | 2007/09 | 829 |
|     | 199.101板金BLA->BLB | 2007/06 | 887 |



MODEL: GS200/66L & GS250L

PART NAME  
ENCLOSURE ASSM.

PART NUMBER  
BL 001045310F

PAGE 1 OF 2

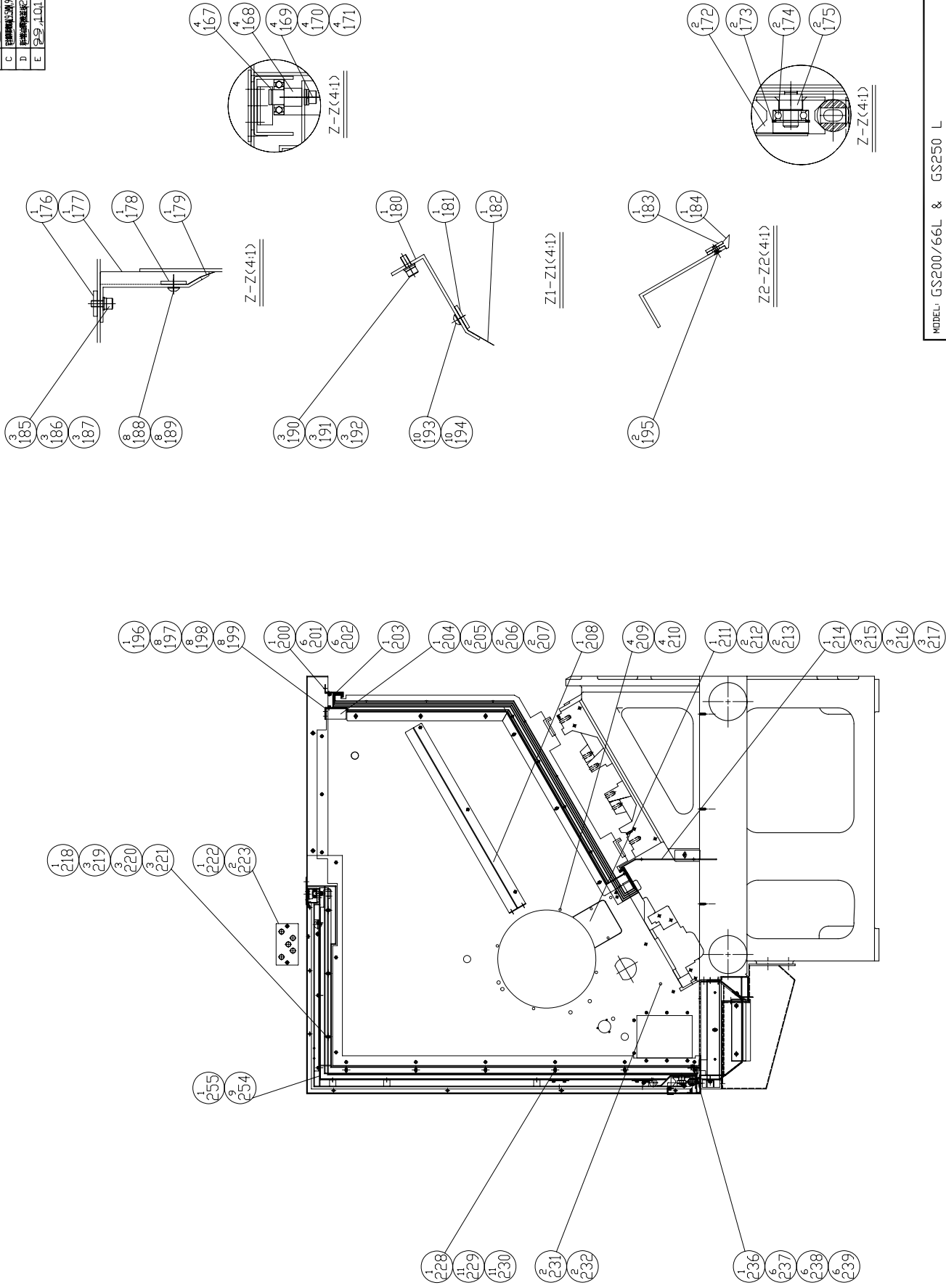
REV. E

SCALE 1:4.0

DATE 2007/2/27

ENCLOSURE ASSM.  
外型板金(共用件)

| REV | DESCRIPTION   | DATE       | ECN |
|-----|---------------|------------|-----|
| A   | 新仕様           | 2007/2/28  |     |
| B   | 外板型板金の取付位置を修正 | 2007/6/16  | S92 |
| C   | 外板型板金の取付位置を修正 | 2007/6/16  | S92 |
| D   | 外板型板金の取付位置を修正 | 2007/7/4   | S92 |
| E   | 外板型板金の取付位置を修正 | 2007/10/9  | S92 |
| F   | 外板型板金の取付位置を修正 | 2007/10/16 | S92 |



|                            |               |
|----------------------------|---------------|
| MODEL: GS200/66L & GS250 L | PART NUMBER   |
| ENCLOSURE ASSM.            | BL 001045310F |
| 外板型板金<共用件>                 | PAGE 2 OF 2   |
| DATE 2007/2/28             | SCALE 1:18    |
|                            | REV. E        |



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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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Master Item Part NO.: BL 001045310F

Description: ENCLOSURE ASSM (GS 250 L)

外型板金 (GS 250 L)

| Item  | Part NO.      | Description           | 中文名稱         | Specification    | Qty  | Unit |
|-------|---------------|-----------------------|--------------|------------------|------|------|
| 1.00  | BL 000299030C | COVER                 | 蓋板           | L180xW60xH2.3    | 1.00 | EA   |
| 2.00  | MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲      | M5xP0.8xL12      | 4.00 | EA   |
| 3.00  | MW 0183510    | SPRING WASHER         | 彈簧墊圈         | M5               | 4.00 | EA   |
| 4.00  | BL 000805021C | WIPER                 | 刮刷片          | L194.5xW70xH2    | 1.00 | EA   |
| 5.00  | BL 000499038C | PLATE                 | 壓板           | L202xW44xH5      | 1.00 | EA   |
| 6.00  | BL 000805020F | RUBBER,SPLASH GUARD   | 擋水橡膠         | L1734xW70xH2     | 1.00 | EA   |
| 7.00  | BL 000499037F | PLATE                 | 壓板           | L1734xW44xH5     | 1.00 | EA   |
| 8.00  | BL 000599094E | UPPER COVER,(GS 250)  | 上蓋(GS 250)   | L1622.7xW458xH50 | 1.00 | EA   |
| 9.00  | BL 000499042F | RIGHT COVER,(GS 250L) | 右側蓋(GS 250L) | L1395xW477xH110  | 1.00 | EA   |
| 10.00 | MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲      | M6xP1.0xL10      | 8.00 | EA   |
| 11.00 | MW 0183610    | SPRING WASHER         | 彈簧墊圈         | M6               | 8.00 | EA   |
| 12.00 | MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲      | M5xP0.8xL12      | 6.00 | EA   |
| 13.00 | MW 0183510    | SPRING WASHER         | 彈簧墊圈         | M5               | 6.00 | EA   |
| 14.00 | MW 0183510    | SPRING WASHER         | 彈簧墊圈         | M5               | 6.00 | EA   |
| 15.00 | MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲      | M5xP0.8xL12      | 6.00 | EA   |
| 16.00 | BLA000199003C | COVER                 | 蓋            | L495xW118xH2.3   | 1.00 | EA   |
| 17.00 | BLA000399048C | SEAT,SWITCH           | 安全開關座        | L154xW88xH52.5   | 1.00 | EA   |
| 18.00 | MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲      | M5xP0.8xL12      | 4.00 | EA   |
| 19.00 | MW 0183510    | SPRING WASHER         | 彈簧墊圈         | M5               | 4.00 | EA   |
| 20.00 | MW 0103510    | FLAT WASHER           | 平墊圈          | M5               | 4.00 | EA   |

## PRODUCT BOM MASTER AND SUB-ITEMS LIST

| Item Part NO.       | Description                   | 中文名稱          | Specification  | Qty   | Unit |
|---------------------|-------------------------------|---------------|----------------|-------|------|
| 22.00 MS 0103615    | SOCKET HEAD CAP SCREW         | 六角穴圓頭螺絲       | M6xP1.0xL10    | 3.00  | EA   |
| 23.00 MW 0183610    | SPRING WASHER                 | 彈簧墊圈          | M6             | 3.00  | EA   |
| 24.00 MS 0103615    | SOCKET HEAD CAP SCREW         | 六角穴圓頭螺絲       | M6xP1.0xL10    | 11.00 | EA   |
| 25.00 MW 0183610    | SPRING WASHER                 | 彈簧墊圈          | M6             | 11.00 | EA   |
| 26.00 BL 000499040F | PLATE SLINGER,(GS 250L)       | 前支撐板(GS 250L) | L3384xW345xH65 | 1.00  | EA   |
| 27.00 MS 0104218    | SOCKET HEAD CAP SCREW         | 六角穴圓頭螺絲       | M12xP1.75X20   | 2.00  | EA   |
| 28.00 MW 0184210    | SPRING WASHER                 | 彈簧墊圈          | M12            | 2.00  | EA   |
| 29.00 NV 001064201A | HANDLE                        | 把手            | L16xd25xM4     | 1.00  | EA   |
| 30.00 NV 000199058A | COVER, OPERATING PANEL CASE   | 蓋板            | L113xW58xH2.3  | 1.00  | EA   |
| 31.00 MS 0313413    | FLAT HD. SOCKET               | 六角穴平頭螺絲       | M4xP0.7xL6     | 1.00  | EA   |
| 32.00 NV 000048104A | BUSHING, OPERATING PANEL CASE | 操作箱襯套         | D104xL20       | 1.00  | ST   |
| 33.00 MS 0303413    | BUTTON HD. SOCKET             | 六角穴半圓頭螺絲      | M4xP0.7xL6     | 2.00  | EA   |
| 34.00 MW 0183410    | SPRING WASHER                 | 彈簧墊圈          | M4             | 2.00  | EA   |
| 35.00 NV 000691601A | RING, OPERATING PANEL CASE    | 止動環           | D98Xd76XL2.3   | 1.00  | EA   |
| 36.00 NV 000048103A | BUSHING, OPERATING PANEL CASE | 操作箱襯套         | D60.3xL30      | 1.00  | ST   |
| 37.00 MS 0103617    | SOCKET HEAD CAP SCREW         | 六角穴圓頭螺絲       | M6xP1.0xL16    | 1.00  | EA   |
| 38.00 MW 0183610    | SPRING WASHER                 | 彈簧墊圈          | M6             | 1.00  | EA   |
| 39.00 BL 000022119C | RIGHT COVER,ENCLOSEURE        | 右側蓋           | Lx409xW543xH12 | 1.00  | EA   |
| 40.00 MS 0103619    | SOCKET HEAD CAP SCREW         | 六角穴圓頭螺絲       | M6xP1.0xL25    | 4.00  | EA   |
| 41.00 MW 0183610    | SPRING WASHER                 | 彈簧墊圈          | M6             | 4.00  | EA   |
| 42.00 NV 000699001A | HANDLE ASSEMBLY               | 把手組成          | ASSM           | 1.00  | ST   |
| 43.00 MS 0104017    | SOCKET HEAD CAP SCREW         | 六角穴圓頭螺絲       | M10xP1.5xL16   | 2.00  | EA   |
| 44.00 MW 0183410    | SPRING WASHER                 | 彈簧墊圈          | M4             | 2.00  | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.       | Description                | 中文名稱    | Specification     | Qty  | Unit |
|---------------------|----------------------------|---------|-------------------|------|------|
| 45.00 BL 000022193F | FORE PLATE                 | 前護板     | L1166.5xW20.4xH20 | 1.00 | EA   |
| 46.00 MS 0103414    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M4xP0.7xL8        | 3.00 | EA   |
| 47.00 MW 0183410    | SPRING WASHER              | 彈簧墊圈    | M4                | 3.00 | EA   |
| 48.00 MW 0183510    | SPRING WASHER              | 彈簧墊圈    | M5                | 4.00 | EA   |
| 49.00 MS 0103516    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M5xP0.8xL12       | 4.00 | EA   |
| 50.00 BL 000299013A | COVER                      | 蓋子      | L195xW80xH2.3     | 1.00 | EA   |
| 51.00 MW 0183610    | SPRING WASHER              | 彈簧墊圈    | M6                | 4.00 | EA   |
| 52.00 MS 0103615    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M6xP1.0xL10       | 4.00 | EA   |
| 53.00 BL 000022145F | LINKAGE PLATE              | 連接板     | L1281xW665xH93    | 1.00 | EA   |
| 54.00 MW 0183510    | SPRING WASHER              | 彈簧墊圈    | M5                | 6.00 | EA   |
| 55.00 MS 0103516    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M5xP0.8xL12       | 6.00 | EA   |
| 56.00 BLA000199003C | COVER                      | 蓋       | L495xW118xH2.3    | 1.00 | EA   |
| 57.00 MW 0103610    | FLAT WASHER                | 平墊圈     | M6(d6*D19*H2)     | 8.00 | EA   |
| 58.00 MW 0183610    | SPRING WASHER              | 彈簧墊圈    | M6                | 8.00 | EA   |
| 59.00 MS 0103619    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M6xP1.0xL25       | 8.00 | EA   |
| 60.00 BL 000022120F | BACK COVER(VEAR ENCLOSURE) | 後蓋(後箱)  | L1395xW807xH19    | 3.00 | EA   |
| 61.00 MW 0183510    | SPRING WASHER              | 彈簧墊圈    | M5                | 4.00 | EA   |
| 62.00 MS 0103516    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M5xP0.8xL12       | 4.00 | EA   |
| 63.00 BL 000199004C | COVER                      | 蓋       | L265xW142xH2.3    | 1.00 | EA   |
| 64.00 BL 000599092F | CROSSBEAM                  | 橫樑      | L2405xW70xH90     | 1.00 | EA   |
| 65.00 BL 000599091F | SEAT OF CROSSBEAM          | 橫樑支撐座   | L133xW52xH62      | 1.00 | EA   |
| 66.00 MW 0183610    | SPRING WASHER              | 彈簧墊圈    | M6                | 4.00 | EA   |
| 67.00 MS 0103615    | SOCKET HEAD CAP SCREW      | 六角穴圓頭螺絲 | M6xP1.0xL10       | 4.00 | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO. | Description   | 中文名稱        | Specification      | Qty   | Unit |
|---------------|---------------|-------------|--------------------|-------|------|
| 68.00         | BL 000199028C | CLEARSTORY  | L550xW350xH2.3     | 1.00  | EA   |
| 69.00         | MW 0183510    | 彈簧墊圈        | M5                 | 10.00 | EA   |
| 70.00         | MS 0103516    | 六角穴圓頭螺絲     | M5xP0.8xL12        | 10.00 | EA   |
| 71.00         | BL 000499041F | 前蓋(GS 250L) | L1090xW1247.3xH684 | 1.00  | EA   |
| 72.00         | MW 0183510    | 彈簧墊圈        | M5                 | 4.00  | EA   |
| 73.00         | MW 0103510    | 平墊圈         | M5                 | 4.00  | EA   |
| 74.00         | MS 0103516    | 六角穴圓頭螺絲     | M5xP0.8xL12        | 4.00  | EA   |
| 75.00         | BL 000022106F | 上滑道         | L2286xW46.6xH32.6  | 1.00  | EA   |
| 76.00         | BL 000026204C | 前支撐塊        | L130.2xW314xH68    | 1.00  | EA   |
| 77.00         | MS 0104218    | 六角穴圓頭螺絲     | M12xP1.75X20       | 2.00  | EA   |
| 78.00         | MW 0184210    | 彈簧墊圈        | M12                | 2.00  | EA   |
| 79.00         | MS 0103817    | 六角穴圓頭螺絲     | M8xP1.25xL16       | 2.00  | EA   |
| 80.00         | MW 0183810    | 彈簧墊圈        | M8                 | 2.00  | EA   |
| 81.00         | BL 001011523C | 蓋板          | L152xW191xH2.3     | 1.00  | EA   |
| 82.00         | MS 0103516    | 六角穴圓頭螺絲     | M5xP0.8xL12        | 4.00  | EA   |
| 83.00         | MW 0183510    | 彈簧墊圈        | M5                 | 4.00  | EA   |
| 84.00         | BL 000399047C | 固定板         | L35xW15xH2.3       | 1.00  | EA   |
| 85.00         | MS 0103417    | 六角穴圓頭螺絲     | M4xP0.7xL16        | 2.00  | EA   |
| 86.00         | MW 0183410    | 彈簧墊圈        | M4                 | 2.00  | EA   |
| 87.00         | MW 0103410    | 平墊圈         | M4x10Dx1T          | 2.00  | EA   |
| 88.00         | BLA000399046C | 安全開關座       | L40xW35xH30        | 1.00  | EA   |
| 89.00         | MS 0103414    | 六角穴圓頭螺絲     | M4xP0.7xL8         | 2.00  | EA   |
| 90.00         | MW 0183410    | 彈簧墊圈        | M4                 | 2.00  | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.        | Description                  | 中文名稱          | Specification          | Qty   | Unit |
|----------------------|------------------------------|---------------|------------------------|-------|------|
| 91.00 MW 0103410     | FLAT WASHER                  | 平墊圈           | M4x10Dx1T              | 2.00  | EA   |
| 92.00 BL 000026203C  | SUPPORT BLOCK,SHEET          | 前支撐塊          | L303xW314xH68          | 1.00  | EA   |
| 93.00 MS 0104218     | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲       | M12xP1.75X20           | 2.00  | EA   |
| 94.00 MW 0184210     | SPRING WASHER                | 彈簧墊圈          | M12                    | 2.00  | EA   |
| 95.00 MS 0103817     | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲       | M8xP1.25xL16           | 3.00  | EA   |
| 96.00 MW 0183810     | SPRING WASHER                | 彈簧墊圈          | M8                     | 3.00  | EA   |
| 97.00 BL 000599093F  | ELECTRIC WIRE SHIELD         | 電線槽           | L302.5xW190xH71        | 1.00  | EA   |
| 98.00 BLA001044905A  | VISION PANEL                 | 安全窗           | <LAMINTON>532*452*19.5 | 1.00  | EA   |
| 99.00 BLB000499043F  | DEPRESSOR,WINDOW,(GS 250L)   | 窗戶壓板(GS 250L) | L1165xW1092xH4.6       | 1.00  | EA   |
| 100.00 MS 0313514    | FLAT HD. SOCKET              | 六角穴平頭螺絲       | M5xP0.8xL8             | 18.00 | EA   |
| 101.00 BLB000378001F | DOOR, GUARD FRONT,(GS 250L)  | 活動門(GS 250L)  | L1192xW629xH1210.7     | 1.00  | EA   |
| 102.00 BL 000299013A | COVER                        | 蓋子            | L195xW80xH2.3          | 1.00  | EA   |
| 103.00 MS 0103516    | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲       | M5xP0.8xL12            | 4.00  | EA   |
| 104.00 MW 0183510    | SPRING WASHER                | 彈簧墊圈          | M5                     | 4.00  | EA   |
| 105.00 BL 000022113F | ROD, FRONT DOOR GUIDE        | 前門滑道          | D25.4xL2249.7          | 1.00  | EA   |
| 106.00 MS 0103818    | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲       | M8xP1.25xL20           | 1.00  | EA   |
| 107.00 MW 0183810    | SPRING WASHER                | 彈簧墊圈          | M8                     | 2.00  | EA   |
| 108.00 MS 0103820    | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲       | M8xP1.25xL30           | 1.00  | EA   |
| 109.00 MW 0183610    | SPRING WASHER                | 彈簧墊圈          | M6                     | 3.00  | EA   |
| 110.00 MS 0103615    | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲       | M6xP1.0xL10            | 3.00  | EA   |
| 111.00 BL 000299034F | LEFT COVER,ENCLOSURE,GS 250L | 左側蓋(GS 250L)  | L1791.5xW521xH80       | 1.00  | EA   |
| 112.00 BL 000299011F | SINK,GUIDE TO WATER          | 導水槽           | L494xW76.4xH56         | 1.00  | EA   |
| 113.00 BL 000399042F | PLATE,GUIDE CHIP             | 導屑盤           | L1854.5xW316xH125      | 1.00  | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.        | Description           | 中文名稱    | Specification   | Qty   | Unit |
|----------------------|-----------------------|---------|-----------------|-------|------|
| 114.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL10     | 5.00  | EA   |
| 115.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6              | 5.00  | EA   |
| 116.00 MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M5xP0.8xL12     | 1.00  | EA   |
| 117.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈    | M5              | 1.00  | EA   |
| 118.00 MS 0103515    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M5xP0.8xL10     | 5.00  | EA   |
| 119.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈    | M5              | 5.00  | EA   |
| 120.00 BL 000499004C | COVER                 | 蓋       | L318xW168xH2.3  | 1.00  | EA   |
| 121.00 MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M5xP0.8xL12     | 4.00  | EA   |
| 122.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈    | M5              | 4.00  | EA   |
| 123.00 BL 000399043F | SINK,GUIDE TO WATER   | 導水槽     | 2257X83X105     | 1.00  | EA   |
| 124.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL10     | 4.00  | EA   |
| 125.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6              | 4.00  | EA   |
| 126.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL10     | 3.00  | EA   |
| 127.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6              | 3.00  | EA   |
| 128.00 BL 000399045F | LEFT,COVER(LOW)       | 左下護蓋    | 774.5X395X231   | 1.00  | EA   |
| 129.00 MS 0103817    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M8xP1.25xL16    | 4.00  | EA   |
| 130.00 MW 0183810    | SPRING WASHER         | 彈簧墊圈    | M8              | 4.00  | EA   |
| 131.00 MW 0103610    | FLAT WASHER           | 平墊圈     | M6(d6*D19*H2)   | 2.00  | EA   |
| 132.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6              | 2.00  | EA   |
| 133.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL10     | 2.00  | EA   |
| 134.00 BL 000399044F | SINK,GUIDE TO WATER   | 導水槽     | L691xW114.8xH80 | 1.00  | EA   |
| 135.00 BLA00022110C  | LEFT COVER,ENCLOSURE  | 左側蓋     | L1020xW998xH12  | 1.00  | EA   |
| 136.00 MS 0103619    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL25     | 10.00 | EA   |

## PRODUCT BOM MASTER AND SUB-ITEMS LIST

| Item Part NO.         | Description            | 中文名稱             | Specification       | Qty   | Unit |
|-----------------------|------------------------|------------------|---------------------|-------|------|
| 137.00 MW 0183610     | SPRING WASHER          | 彈簧墊圈             | M6                  | 10.00 | EA   |
| 138.00 NV 001033102A  | PLUG, SPLASH GUARD     | 孔塞               | D30.5xL9.5          | 4.00  | EA   |
| 139.00 BL 000022112F  | ROTARY DOOR(GS 250L)   | 旋轉門(GS 250L)     | L396xW330.4xH19     | 1.00  | EA   |
| 140.00 BL 00103590101 | DOOR LATCH             | 壓扣把手(全銀色系列)      | [YI-LOONG]A-240-3-B | 1.00  | EA   |
| 141.01 BL 000022128F  | SIDE COVER             | 側蓋               | L395xW270xH325      | 1.00  | EA   |
| 141.02 BLA000022128F  | SIDE COVER             | 側蓋               | L395xW270xH325      | 1.00  | EA   |
| 142.00 MS 0103516     | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲          | M5xP0.8xL12         | 4.00  | EA   |
| 143.00 MW 0183510     | SPRING WASHER          | 彈簧墊圈             | M5                  | 4.00  | EA   |
| 144.01 BL 000022151F  | LEFT ENCLOSURE,GS 250L | 左箱(外型板金 GS 250L) | L1137xW1320xH1245   | 1.00  | EA   |
| 144.02 BL 000022151F  | LEFT ENCLOSURE,GS 250L | 左箱(外型板金 GS 250L) | L1137xW1320xH1245   | 1.00  | EA   |
| 145.00 BL 00103590101 | DOOR LATCH             | 壓扣把手(全銀色系列)      | [YI-LOONG]A-240-3-B | 1.00  | EA   |
| 146.00 BL 000199079K  | ROTARY DOOR,RIGHT BOX  | 右箱旋轉門            | L396xW330.4xH19     | 1.00  | EA   |
| 152.00 MS 0103615     | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲          | M6xP1.0xL10         | 2.00  | EA   |
| 153.00 MW 0183610     | SPRING WASHER          | 彈簧墊圈             | M6                  | 2.00  | EA   |
| 156.00 BL 000199016F  | SUPPORT,POWER CASE     | 強電箱座             | L1007xW236xH352     | 1.00  | EA   |
| 157.00 MS 0104017     | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲          | M10xP1.5xL16        | 6.00  | EA   |
| 158.00 MW 0184010     | SPRING WASHER          | 彈簧墊圈             | M10                 | 6.00  | EA   |
| 159.00 MS 0104618     | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲          | M16*P2.0*L20        | 6.00  | EA   |
| 160.00 MW 0184610     | SPRING WASHER          | 彈簧墊圈             | M16                 | 6.00  | EA   |
| 161.00 MS 0103615     | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲          | M6xP1.0xL10         | 4.00  | EA   |
| 162.00 MW 0183610     | SPRING WASHER          | 彈簧墊圈             | M6                  | 4.00  | EA   |
| 163.00 MW 0103610     | FLAT WASHER            | 平墊圈              | M6(d6*D19*H2)       | 4.00  | EA   |
| 164.00 BL 000399041F  | BRACKET                | 支撐座              | 662x60x530          | 1.00  | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.         | Description           | 中文名稱     | Specification     | Qty  | Unit |
|-----------------------|-----------------------|----------|-------------------|------|------|
| 165.00 MS 0104017     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M10xP1.5xL16      | 4.00 | EA   |
| 166.00 MW 0184010     | SPRING WASHER         | 彈簧墊圈     | M10               | 4.00 | EA   |
| 167.00 NV 00082310201 | RING, C-RETAINING     | C型外扣     | S-12              | 4.00 | EA   |
| 168.00 NV 000403801A  | SHAFT, DOOR ROLLER    | 輪軸       | D14.3xL23.5       | 4.00 | EA   |
| 169.00 MS 0103617     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M6xP1.0xL16       | 4.00 | EA   |
| 170.00 MW 0183610     | SPRING WASHER         | 彈簧墊圈     | M6                | 4.00 | EA   |
| 171.00 MW 0103610     | FLAT WASHER           | 平墊圈      | M6(d6*D19*H2)     | 4.00 | EA   |
| 172.00 NV 000942400A  | ROLLER, DOOR          | 滑輪       | D54xL29           | 2.00 | EA   |
| 173.00 NV 00082310101 | RING, C-RETAINING     | C型內扣     | R-28              | 2.00 | EA   |
| 174.00 NV 00002660104 | BALL BEARING          | 單列深槽滾珠軸承 | 6001ZZ            | 2.00 | EA   |
| 175.00 NV 000403802A  | SHAFT, DOOR ROLLER    | 輪軸       | D18xL27.5         | 2.00 | EA   |
| 176.00 BL 000399015C  | PLATE,SPINDLE         | 固定板      | L430xW20xH3       | 1.00 | EA   |
| 177.00 BL 001011525C  | COVER,SPLASH GUARD    | 護蓋板      | L510.26xW86xH40   | 1.00 | EA   |
| 178.00 BL 000299089C  | PLATE                 | 壓板       | L497xW20xH2.3     | 1.00 | EA   |
| 179.00 BL 000805013C  | WIPER                 | 刮刷片      | L512xW45xH0.15    | 1.00 | EA   |
| 180.00 BL 001011526C  | COVER,SPLASH GUARD    | 護蓋板      | L659.4xW80.4xH103 | 1.00 | EA   |
| 181.00 BL 000199052C  | PLATE                 | 壓板       | L613xW20xH2.3     | 1.00 | EA   |
| 182.00 BL 000805013C  | WIPER                 | 刮刷片      | L512xW45xH0.15    | 1.00 | EA   |
| 183.00 BL 000199055C  | SHIM                  | 墊片       | L70xW15xH2        | 1.00 | EA   |
| 184.00 BL 000805009C  | WIPER                 | 刮刷片      | L72.5xW22.5xH8.5  | 1.00 | EA   |
| 185.00 MS 0103516     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL12       | 3.00 | EA   |
| 186.00 MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5                | 3.00 | EA   |
| 187.00 MW 0103510     | FLAT WASHER           | 平墊圈      | M5                | 3.00 | EA   |



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.        | Description           | 中文名稱     | Specification | Qty   | Unit |
|----------------------|-----------------------|----------|---------------|-------|------|
| 188.00 MS 0303513    | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲 | M5xP0.8xL6    | 8.00  | EA   |
| 189.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈     | M5            | 8.00  | EA   |
| 190.00 MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL12   | 3.00  | EA   |
| 191.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈     | M5            | 3.00  | EA   |
| 192.00 MW 0103510    | FLAT WASHER           | 平墊圈      | M5            | 3.00  | EA   |
| 193.00 MS 0303513    | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲 | M5xP0.8xL6    | 10.00 | EA   |
| 194.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈     | M5            | 10.00 | EA   |
| 195.00 MS 0313313    | FLAT HD. SOCKET       | 六角穴平頭螺絲  | M3xP0.5xL6    | 2.00  | EA   |
| 196.00 BL 000299086F | BRACKET,WAY COVER     | 伸縮護蓋支撐板  | 2405X70X28    | 1.00  | EA   |
| 197.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M6xP1.0xL10   | 8.00  | EA   |
| 198.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈     | M6            | 8.00  | EA   |
| 199.00 MW 0103610    | FLAT WASHER           | 平墊圈      | M6(d6*D19*H2) | 8.00  | EA   |
| 200.00 BL 000299087F | BRACKET,WAY COVER     | 伸縮護蓋支撐板  | 2398X21X28    | 1.00  | EA   |
| 201.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈     | M6            | 6.00  | EA   |
| 202.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M6xP1.0xL10   | 6.00  | EA   |
| 203.00 BL 000599097F | BRACKET, WAY COVER    | 伸縮護蓋支撐架  | L2398xW16xH47 | 1.00  | EA   |
| 204.00 BL 000299088C | PLATE,SPLASH GUARD    | 擋水板      | Lx85xW67xH35  | 1.00  | EA   |
| 205.00 MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL12   | 2.00  | EA   |
| 206.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈     | M5            | 2.00  | EA   |
| 207.00 MW 0103510    | FLAT WASHER           | 平墊圈      | M5            | 2.00  | EA   |
| 208.00 BL 000199036C | BRACKET,FRONT PLATE   | 前板固定板    | L660xW317xH60 | 1.00  | EA   |
| 209.00 MS 0103817    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M8xP1.25xL16  | 4.00  | EA   |
| 210.00 MW 0183810    | SPRING WASHER         | 彈簧墊圈     | M8            | 4.00  | EA   |

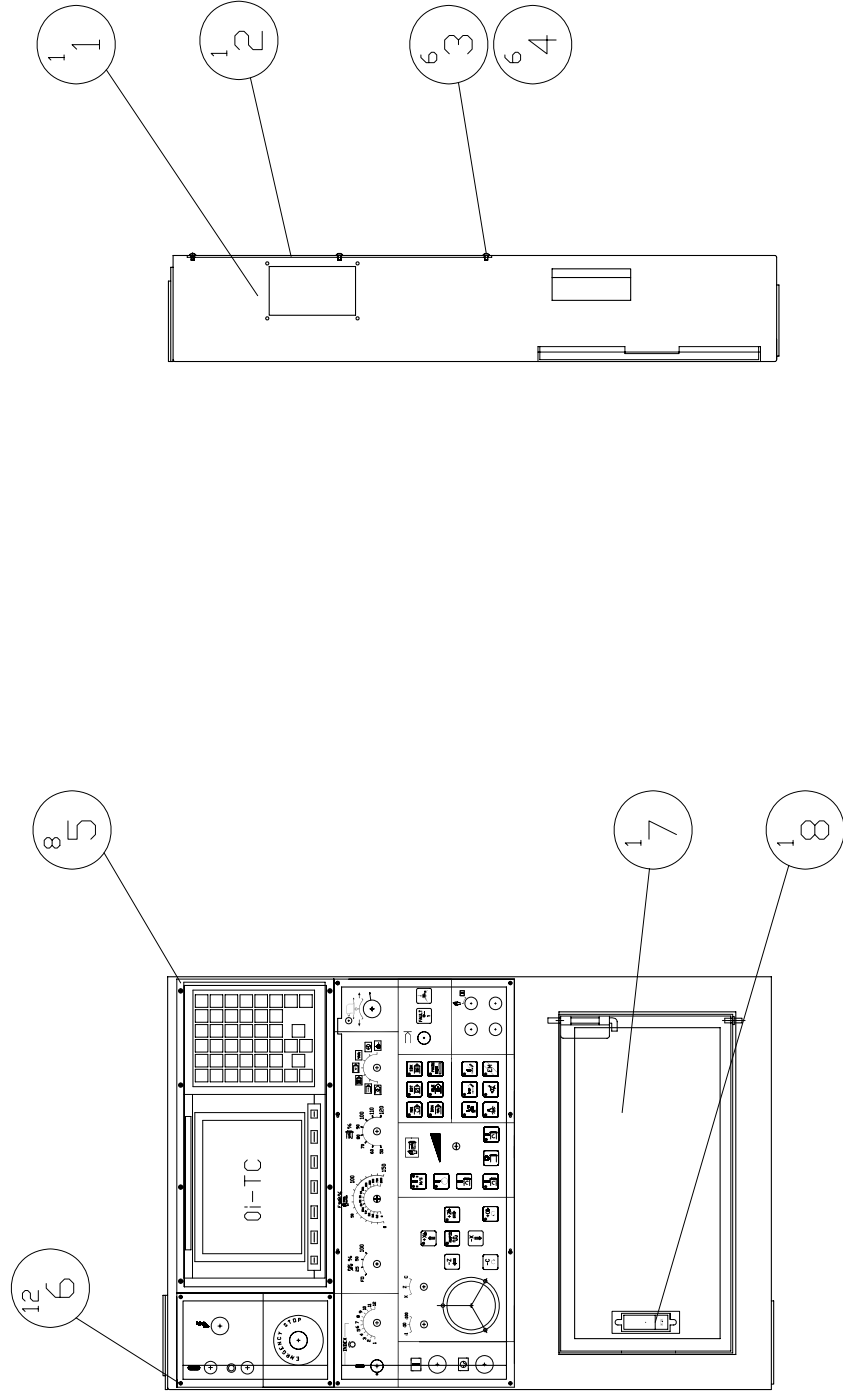
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.        | Description                  | 中文名稱          | Specification      | Qty   | Unit |
|----------------------|------------------------------|---------------|--------------------|-------|------|
| 211.00 BL 001011517C | COVER                        | 蓋板            | L118xW112.23xH2.3  | 1.00  | EA   |
| 212.00 MS 0103615    | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲       | M6xP1.0xL10        | 2.00  | EA   |
| 213.00 MW 0183610    | SPRING WASHER                | 彈簧墊圈          | M6                 | 2.00  | EA   |
| 214.00 BL 000199037F | PLATE,SPLASH GUARD           | 擋水板           | L390xW302.6xH56    | 1.00  | EA   |
| 215.00 MS 0103516    | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲       | M5xP0.8xL12        | 3.00  | EA   |
| 216.00 MW 0183510    | SPRING WASHER                | 彈簧墊圈          | M5                 | 3.00  | EA   |
| 217.00 MW 0103510    | FLAT WASHER                  | 平墊圈           | M5                 | 3.00  | EA   |
| 218.00 BLA000399079F | PLATE, SPLASH GUARD(GS 250L) | 檔水板(GS 250L)  | L555xW33.5xH2.3    | 1.00  | EA   |
| 219.00 MS 0103516    | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲       | M5xP0.8xL12        | 3.00  | EA   |
| 220.00 MW 0103510    | FLAT WASHER                  | 平墊圈           | M5                 | 3.00  | EA   |
| 221.00 MW 0183510    | SPRING WASHER                | 彈簧墊圈          | M5                 | 3.00  | EA   |
| 222.00 BL 001023402C | MANIFOLD BLOCK               | 分油塊           | L131xW70xH30       | 1.00  | EA   |
| 223.00 MS 0103620    | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲       | M6xP1.0xL30        | 2.00  | EA   |
| 228.00 BL 000022152F | PLATE,SPINDLE,GS 250L        | 主軸前板(GS 250L) | L1232xW1129.7xH2.3 | 1.00  | EA   |
| 229.00 MS 0303516    | BUTTON HD. SOCKET            | 六角穴半圓頭螺絲      | M5xP0.8xL12        | 11.00 | EA   |
| 230.00 MW 0183510    | SPRING WASHER                | 彈簧墊圈          | M5                 | 11.00 | EA   |
| 231.00 MS 0303616    | BUTTON HD. SOCKET            | 六角穴半圓頭螺絲      | M6xP1.0xL12        | 2.00  | EA   |
| 232.00 MW 0183610    | SPRING WASHER                | 彈簧墊圈          | M6                 | 2.00  | EA   |
| 236.00 BLA000399080F | PLATE, SPLASH GUARD(GS 250L) | 檔水板(GS 250L)  | L1189xW40.9xH2.3   | 1.00  | EA   |
| 237.00 MS 0103516    | SOCKET HEAD CAP SCREW        | 六角穴圓頭螺絲       | M5xP0.8xL12        | 6.00  | EA   |
| 238.00 MW 0183510    | SPRING WASHER                | 彈簧墊圈          | M5                 | 6.00  | EA   |
| 239.00 MW 0103510    | FLAT WASHER                  | 平墊圈           | M5                 | 6.00  | EA   |
| 240.00 BL 000399096F | PLATE,GUIDE CHIP             | 導屑板           | L487xW79.8xH134.6  | 1.00  | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.         | Description              | 中文名稱        | Specification       | Qty  | Unit |
|-----------------------|--------------------------|-------------|---------------------|------|------|
| 241.00 BL 000399097F  | PLATE,GUIDE CHIP         | 導屑板         | L295.7xW93.3xH134.6 | 1.00 | EA   |
| 242.00 MS 0103617     | SOCKET HEAD CAP SCREW    | 六角穴圓頭螺絲     | M6xP1.0xL16         | 2.00 | EA   |
| 243.00 MW 0183610     | SPRING WASHER            | 彈簧墊圈        | M6                  | 2.00 | EA   |
| 244.00 MW 0103610     | FLAT WASHER              | 平墊圈         | M6(d6*D19*H2)       | 2.00 | EA   |
| 245.00 MS 0103617     | SOCKET HEAD CAP SCREW    | 六角穴圓頭螺絲     | M6xP1.0xL16         | 2.00 | EA   |
| 246.00 MW 0183610     | SPRING WASHER            | 彈簧墊圈        | M6                  | 2.00 | EA   |
| 247.00 MW 0103610     | FLAT WASHER              | 平墊圈         | M6(d6*D19*H2)       | 2.00 | EA   |
| 248.00 NV 000599047A  | ROTARY DOOR              | 旋轉門         | L431.5xW283.4xH19   | 1.00 | EA   |
| 249.00 BL 00103590101 | DOOR LATCH               | 壓扣把手(全銀色系列) | [Y]-L00NGJA-240-3-B | 1.00 | EA   |
| 250.00 BL 000399041A  | PLATE,SWITCH SEAT        | 開關座板        | L60xW50xH5          | 1.00 | EA   |
| 251.00 BLA000399040A  | SEAT,SWITCH              | 開關座         | L60xW28.5xH15       | 1.00 | EA   |
| 252.00 GX 00103590101 | LATCH, COPPER, TWIN BALL | 銅雙珠門擋       | 允隙TK-60             | 1.00 | EA   |
| 253.00 BL 000599086A  | COVER                    | 蓋           | L:47xW:39xH:2.3     | 2.00 | EA   |
| 254.00 MS 0313514     | FLAT HD. SOCKET          | 六角穴平頭螺絲     | M5xP0.8xL8          | 4.00 | EA   |
| 255.00 BL 000299039F  | DEPRESSOR, WINDOW        | 窗戶壓板(上)     | L1165xW572.4xH2.3   | 1.00 | EA   |

| REV | DESCRIPTION           | DATE      | ECN |
|-----|-----------------------|-----------|-----|
| A   | 初期仕様 OI-TC            | 2007/2/28 |     |
| B   | 改訂 0059047A/B/C/D/E/F | 2007/7/27 | 683 |



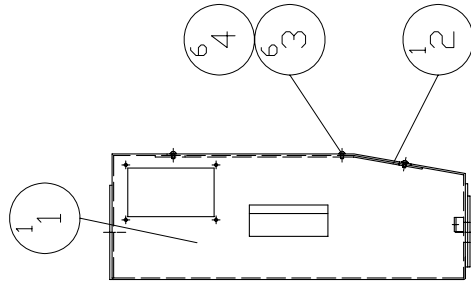
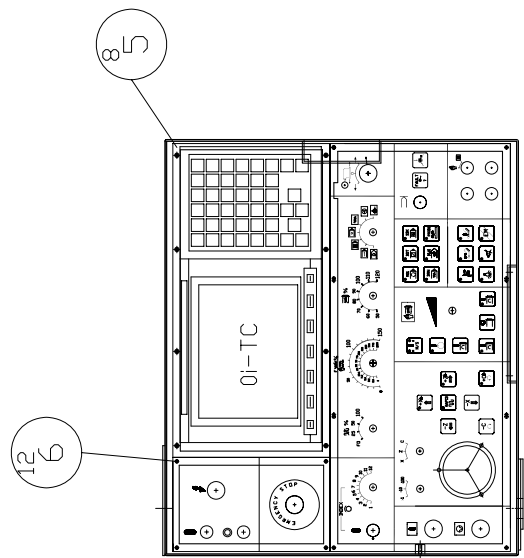
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|---|
| MODEL: GS 200/66L, GS 250L, GS 150, GS 200, GS 200/66, GS 250 |
| PART NAME OPERATOR CABINET.(FANUC-01TC-STD)                   |
| PART NUMBER BL 001045312F                                     |
| DATE 2007/2/28  |
| SCALE 1:10  |
| REV. B  |
| PAGE 1 OF 1   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 001045312F  
Description: OPERATOR CABINET.(FANUC-0i-STD  
操作箱(FANUC-0i-STD, GS 250L)

| Item | Part NO.       | Description                  | 中文名稱        | Specification       | Qty   | Unit |
|------|----------------|------------------------------|-------------|---------------------|-------|------|
| 1.02 | BL 000499093A  | OPERATING PANEL CASE(GS 150) | 操作箱(GS 150) | L769xW526xH135      | 1.00  | EA   |
| 2.00 | BL 000499097A  | REAR COVER,OPERATION CABINET | 操作箱後蓋       | L441xW388xH2.3      | 1.00  | EA   |
| 3.00 | MS 0303413     | BUTTON HD. SOCKET            | 六角穴半圓頭螺絲    | M4xP0.7xL6          | 6.00  | EA   |
| 4.00 | MW 0183410     | SPRING WASHER                | 彈簧墊圈        | M4                  | 6.00  | EA   |
| 5.00 | MN 0113410     | HEXAGON NUT                  | 六角螺帽        | M4xP0.7             | 8.00  | EA   |
| 6.00 | MS 0303313     | BUTTON HD. SOCKET            | 六角穴半圓頭螺絲    | M3xP0.5xL6          | 12.00 | EA   |
| 7.01 | BL 000499094A  | ROTARY DOOR                  | 旋轉門         | L431.5xW221.4xH19   | 1.00  | EA   |
| 8.00 | BL 00103590101 | DOOR LATCH                   | 壓扣把手(全銀色系列) | [YI-LOONGJA-240-3-B | 1.00  | EA   |

| REV | DESCRIPTION | DATE     | ECN |
|-----|-------------|----------|-----|
| A   | 新仕様         | 2007/3/2 |     |



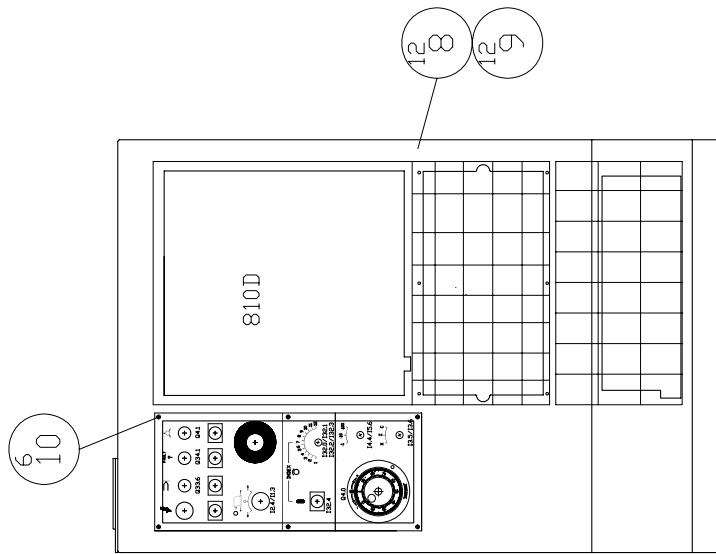
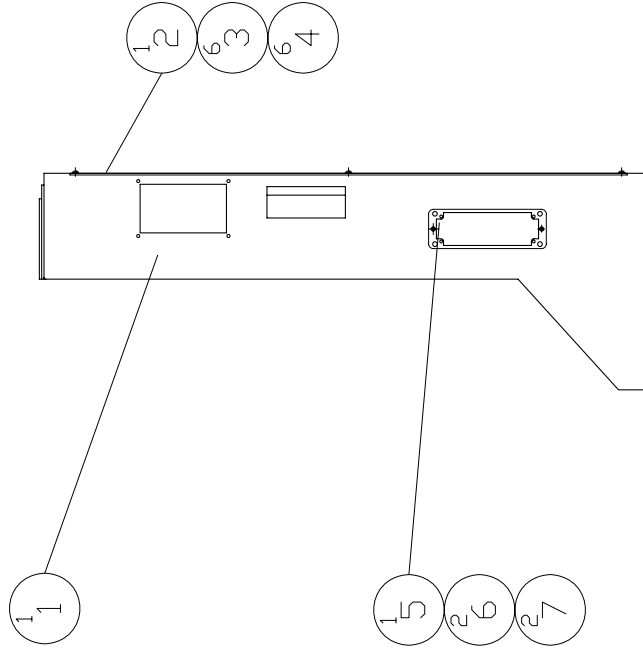
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|---|---------------|
| MODEL: SV 150&200 ,SV 200/66&250 ,SV 200/66L&250L |               |
| PART NAME   | PART NUMBER   |
| OPERATOR CABINET,(FANUC-0i MATE TC-STD)           | BL 001045312H |
| 操作機(FANUC-0i MATE TC-STD)                         | PAGE 1 OF 1   |
| DATE 2007/3/2                                     | REV. A        |
| SCALE 1:10  |               |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 001045312H  
Description: OPERATOR CABINET.(FANUC-0i-STD  
操作箱(FANUC-0i-STD, SV 150)

| Item | Part NO.      | Description                  | 中文名稱        | Specification            | Qty   | Unit |
|------|---------------|------------------------------|-------------|--------------------------|-------|------|
| 1.00 | BL 000199007H | OPERATING PANEL CASE(SV 150) | 操作箱(SV 150) | L530xW459xH160(STD-0iTC) | 1.00  | EA   |
| 2.00 | NV 000399041A | REAR COVER, OPERATOR CABINET | 操作箱後蓋       | L378xW164xH2.3(SIEMENS)  | 1.00  | EA   |
| 3.00 | MS 0303413    | BUTTON HD. SOCKET            | 六角穴半圓頭螺絲    | M4xP0.7xL6               | 6.00  | EA   |
| 4.00 | MW 0183410    | SPRING WASHER                | 彈簧墊圈        | M4                       | 6.00  | EA   |
| 5.00 | MN 0113410    | HEXAGON NUT                  | 六角螺帽        | M4xP0.7                  | 8.00  | EA   |
| 6.00 | MS 0303313    | BUTTON HD. SOCKET            | 六角穴半圓頭螺絲    | M3xP0.5xL6               | 12.00 | EA   |

| REV | DESCRIPTION            | DATE      | ECN |
|-----|------------------------|-----------|-----|
| A   | 操作パネル                  | 2007/4/26 | 503 |
| B   | 1004990643L 004990643L | 2007/6/28 | 659 |



|   |
|---|
| MODEL: GS 150, GS 200, GS 200/66, GS 200/66L, GS 250, GS 250L |
| PART NAME<br>OPERATOR CABINET.(SIEMENS)<br>操作パネル(SIEMENS)     |
| PART NUMBER<br>BL 001045312FC                                 |
| PAGE 1 OF 1   |
| DATE 2007/4/26  |
| SCALE 1:10  |
| REV. B  |

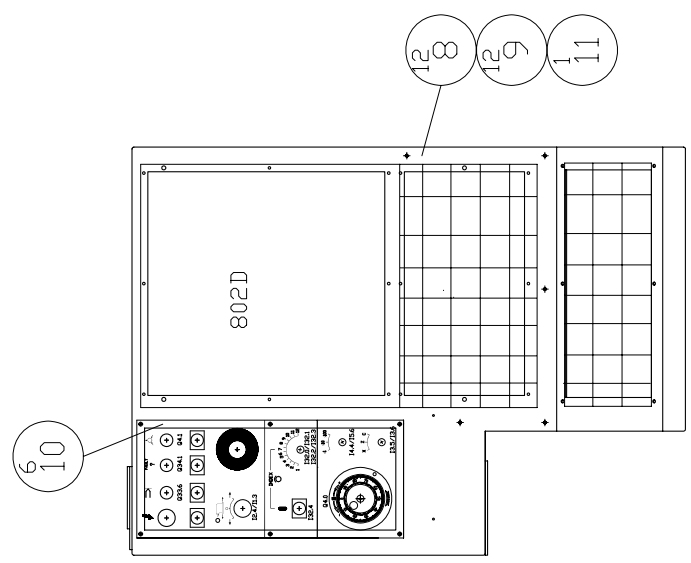
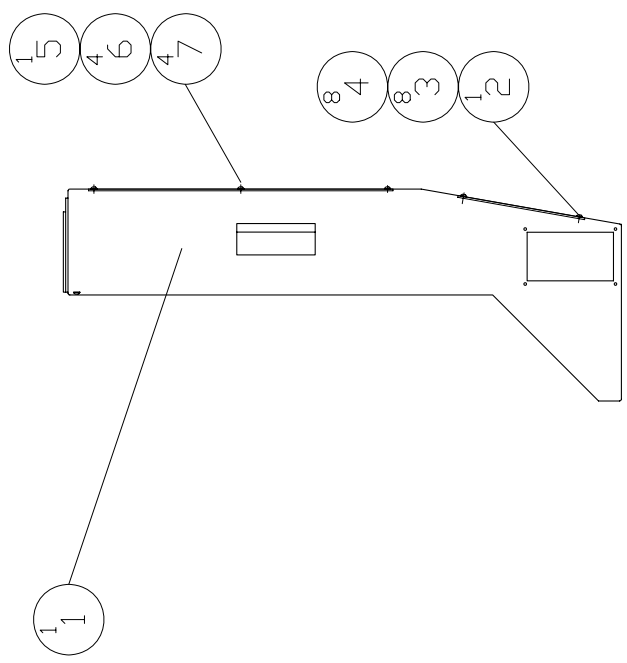


PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 001045312FC  
Description: OPERATOR CABINET.(SIEMENS)  
操作箱(SIEMENS, 810D, GS 250L)

| Item  | Part NO.      | Description                   | 中文名稱         | Specification          | Qty   | Unit |
|-------|---------------|-------------------------------|--------------|------------------------|-------|------|
| 1.01  | BL 000499099A | OPERATING PANEL CASE(SIEMENS) | 操作箱(SIEMENS) | L769xW526xH276         | 1.00  | EA   |
| 2.00  | NV 000499085A | REAR COVER, OPERATOR CABINET  | 操作箱後蓋        | L710xW468xH2.3         | 1.00  | EA   |
| 3.00  | MS 0303413    | BUTTON HD. SOCKET             | 六角穴半圓頭螺絲     | M4xP0.7xL6             | 6.00  | EA   |
| 4.00  | MW 0183410    | SPRING WASHER                 | 彈簧墊圈         | M4                     | 6.00  | EA   |
| 5.00  | NV 000399045A | COVER,OPERATING PANEL CASE    | 側蓋,操作箱       | L150xW50xH2.3(SIEMENS) | 1.00  | EA   |
| 6.00  | MS 0303413    | BUTTON HD. SOCKET             | 六角穴半圓頭螺絲     | M4xP0.7xL6             | 2.00  | EA   |
| 7.00  | MW 0183410    | SPRING WASHER                 | 彈簧墊圈         | M4                     | 2.00  | EA   |
| 8.00  | MS 0303413    | BUTTON HD. SOCKET             | 六角穴半圓頭螺絲     | M4xP0.7xL6             | 12.00 | EA   |
| 9.00  | MW 0183410    | SPRING WASHER                 | 彈簧墊圈         | M4                     | 12.00 | EA   |
| 10.00 | MS 0313313    | FLAT HD. SOCKET               | 六角穴平頭螺絲      | M3xP0.5xL6             | 10.00 | EA   |

| REV | DESCRIPTION | DATE      | ECN |
|-----|-------------|-----------|-----|
| A   | 操作パネル       | 2007/4/26 | 503 |



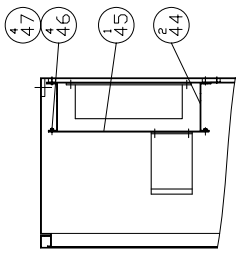
|   |
|---|
| MODEL: SV 150, SV 200, SV 200/66, SV 200/66L, SV 250, SV 250L |
| PART NAME<br>OPERATOR CABINET.(SIEMENS)<br>操作パネル(SIEMENS)     |
| PART NUMBER<br>BL 001045312HC                                 |
| DATE 2007/4/26  |
| SCALE 1:10  |
| REV. A  |
| PAGE 1 OF 1   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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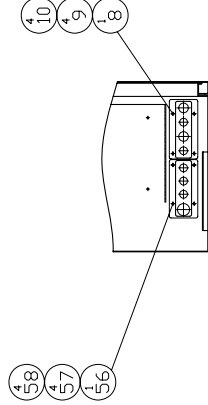
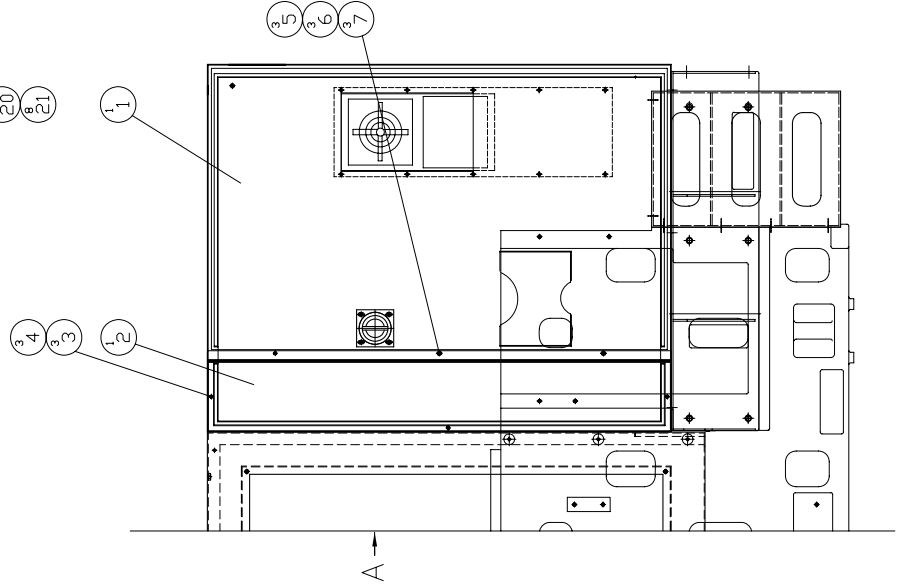
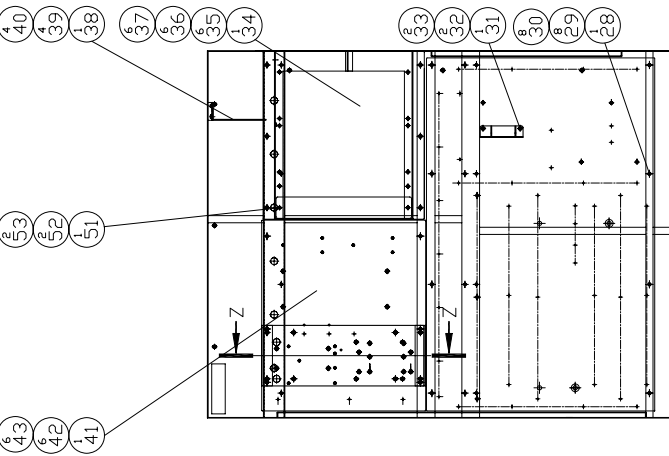
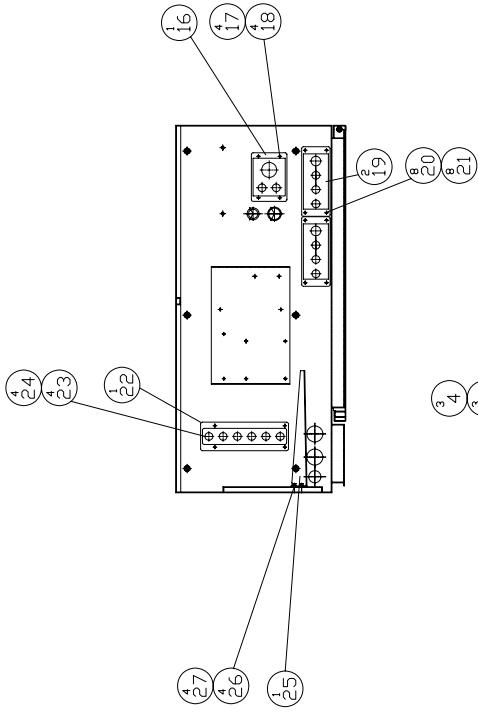
Master Item Part NO.: BL 001045312HC  
Description: OPERATOR CABINET.(SIE0MENS)  
操作箱(SIEMENS, 802D, SV 150)

| Item  | Part NO.      | Description                  | 中文名稱                 | Specification           | Qty   | Unit |
|-------|---------------|------------------------------|----------------------|-------------------------|-------|------|
| 1.00  | BL 000699005H | OPERATING PANEL CASE         | 操作箱 (SIEMENS 802D 用) | L231xW520xH705          | 1.00  | EA   |
| 2.00  | NV 000399040A | REAR COVER, OPERATOR CABINET | 操作箱後蓋                | L276xW164xH2.3(SIEMENS) | 1.00  | EA   |
| 3.00  | MS 0303413    | BUTTON HD. SOCKET            | 六角穴半圓頭螺絲             | M4xP0.7xL6              | 8.00  | EA   |
| 4.00  | MW 0183410    | SPRING WASHER                | 彈簧墊圈                 | M4                      | 8.00  | EA   |
| 5.00  | NV 000399039A | REAR COVER, OPERATOR CABINET | 操作箱後蓋                | L468xW388xH2.3(SIEMENS) | 1.00  | EA   |
| 6.00  | MS 0303413    | BUTTON HD. SOCKET            | 六角穴半圓頭螺絲             | M4xP0.7xL6              | 4.00  | EA   |
| 7.00  | MW 0183410    | SPRING WASHER                | 彈簧墊圈                 | M4                      | 4.00  | EA   |
| 8.00  | MS 0303413    | BUTTON HD. SOCKET            | 六角穴半圓頭螺絲             | M4xP0.7xL6              | 12.00 | EA   |
| 9.00  | MW 0183410    | SPRING WASHER                | 彈簧墊圈                 | M4                      | 12.00 | EA   |
| 10.00 | MS 0313313    | FLAT HD. SOCKET              | 六角穴平頭螺絲              | M3xP0.5xL6              | 6.00  | EA   |

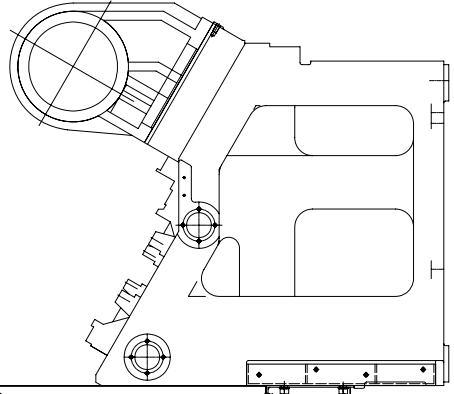
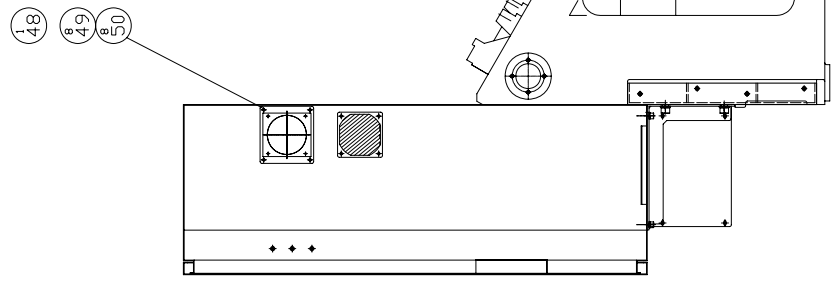
| REV | DESCRIPTION      | DATE      | ECN |
|-----|------------------|-----------|-----|
| A   | 零件名稱             | 2007/5/9  |     |
| B   | 14.5 號線路電氣配線孔位調整 | 2007/9/17 | 812 |



Z-Z SECTION



A-A SECTION



|  |               |
|--|---------------|
| MODEL: GS 200/66,GS 250,SV 200/66,SV 250 | PART NUMBER   |
| POWER CASE(FANUC-CE)                     | BL 000415819E |
| 強電箱(FANUC-CE)                            | PAGE 1 OF 1   |
| DATE 2007/5/9                            | SCALE 1:22    |
| REV. B                                   |               |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000415819E

Description: POWER CASE(FANUC-CE,GS250)  
強電箱(FANUC-CE,GS250)

| Item  | Part NO.      | Description           | 中文名稱             | Specification    | Qty  | Unit |
|-------|---------------|-----------------------|------------------|------------------|------|------|
| 1.00  | BL 000399018E | POWER CASE(GS 250)    | 強電箱(FANUC)GS 250 | L1300xW1030xH477 | 1.00 | EA   |
| 2.00  | NV 000399092D | FONT COVER,POWER CASE | 強電箱前蓋            | L1300xW227xH38   | 1.00 | EA   |
| 3.00  | MS 0303516    | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲         | M5xP0.8xL12      | 3.00 | EA   |
| 4.00  | MW 0183510    | SPRING WASHER         | 彈簧墊圈             | M5               | 3.00 | EA   |
| 5.00  | MS 0303516    | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲         | M5xP0.8xL12      | 3.00 | EA   |
| 6.00  | MW 0183510    | SPRING WASHER         | 彈簧墊圈             | M5               | 3.00 | EA   |
| 7.00  | MW 0103510    | FLAT WASHER           | 平墊圈              | M5               | 3.00 | EA   |
| 8.00  | BLA000399018A | PLATE,WIRE OUTLET     | 出線板              | Lx166.5xW80xH2.3 | 1.00 | EA   |
| 9.00  | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲          | M4xP0.7xL8       | 4.00 | EA   |
| 10.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈             | M4               | 4.00 | EA   |
| 16.00 | BL 000199024A | PLATE, WIRE OUTLET    | 出線板              | L136xW100xH2.3   | 1.00 | ST   |
| 17.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲          | M4xP0.7xL8       | 4.00 | EA   |
| 18.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈             | M4               | 4.00 | EA   |
| 19.00 | BL 000299012A | PLATE, WIRE OUTLET    | 出線板              | L195xW80xH2.3    | 2.00 | EA   |
| 20.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲          | M4xP0.7xL8       | 8.00 | EA   |
| 21.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈             | M4               | 8.00 | EA   |
| 22.00 | BL 000199026A | PLATE, WIRE OUTLET    | 出線板              | L246xW80xH2.3    | 1.00 | ST   |
| 23.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈             | M4               | 4.00 | EA   |
| 24.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲          | M4xP0.7xL8       | 4.00 | EA   |
| 25.00 | NV 000199013D | BRACKET, MAIN SWITCH  | 主開關托架            | L325xW156xH45    | 1.00 | EA   |

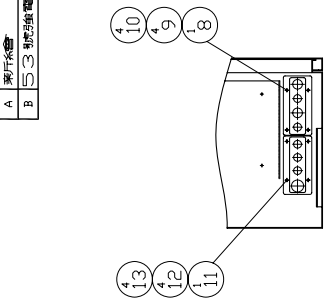
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
\*\*\*\*\*

| Item Part NO.       | Description           | 中文名稱     | Specification            | Qty  | Unit |
|---------------------|-----------------------|----------|--------------------------|------|------|
| 26.00 MS 0103515    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL10              | 4.00 | EA   |
| 27.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈     | M5                       | 4.00 | EA   |
| 28.01 BL 000399034C | PLATE,POWER CASE      | 強電板(下)   | L990xW515xH2.3           | 1.00 | EA   |
| 29.00 MW 0183810    | SPRING WASHER         | 彈簧墊圈     | M8                       | 8.00 | EA   |
| 30.00 MS 0103817    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M8xP1.25xL16             | 8.00 | EA   |
| 31.00 NVA000399037A | POWER SUPPLY SEAT     | 電源供應器固定座 | L195xW120xH32.3(SIEMENS) | 1.00 | EA   |
| 32.00 MS 0103615    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M6xP1.0xL10              | 2.00 | EA   |
| 33.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈     | M6                       | 2.00 | EA   |
| 34.00 BL 000399009C | BRACKET               | 支持板      | L470.3xW452xH135         | 1.00 | EA   |
| 35.00 MS 0103817    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M8xP1.25xL16             | 6.00 | EA   |
| 36.00 MW 0183810    | SPRING WASHER         | 彈簧墊圈     | M8                       | 6.00 | EA   |
| 37.00 MW 0103810    | FLAT WASHER           | 平墊圈      | M8 (d8*D22.2)            | 6.00 | EA   |
| 38.00 NVA000499013A | SEAT, FAN             | 風扇座      | L150xW150xH50            | 1.00 | EA   |
| 39.00 MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL12              | 4.00 | EA   |
| 40.00 MW 0183510    | SPRING WASHER         | 彈簧墊圈     | M5                       | 4.00 | EA   |
| 41.00 BL 000399028C | PLATE, POWER CASE     | 強電板(上)   | L456xW431x2.3            | 1.00 | EA   |
| 42.00 MS 0103817    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M8xP1.25xL16             | 6.00 | EA   |
| 43.00 MW 0183810    | SPRING WASHER         | 彈簧墊圈     | M8                       | 6.00 | EA   |
| 44.00 NV 000299075A | BRACKET               | 支持板      | L170xW135xH30            | 2.00 | EA   |
| 45.01 NV 000299076A | PLATE, POWER CASE     | 強電板(上)   | L450xW170xH2.3           | 1.00 | EA   |
| 46.00 MS 0103617    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M6xP1.0xL16              | 4.00 | EA   |
| 47.00 MW 0183610    | SPRING WASHER         | 彈簧墊圈     | M6                       | 4.00 | EA   |
| 48.00 NV 000199012A | SEAT, FAN             | 風扇座      | L380xW160xH2.3           | 1.00 | EA   |

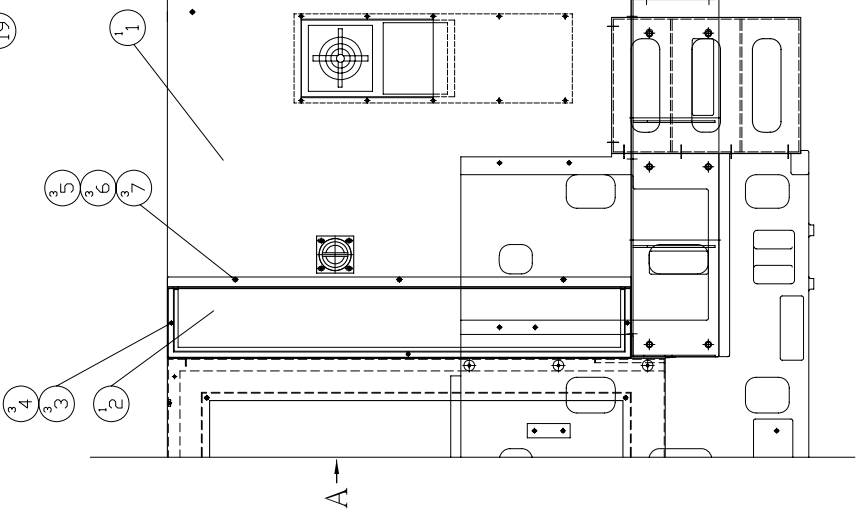
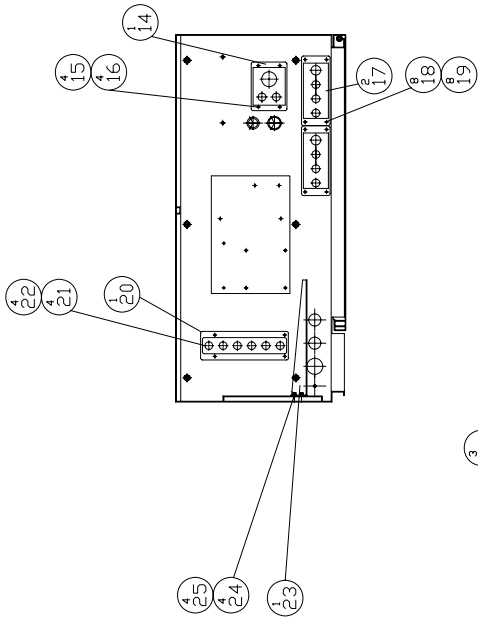
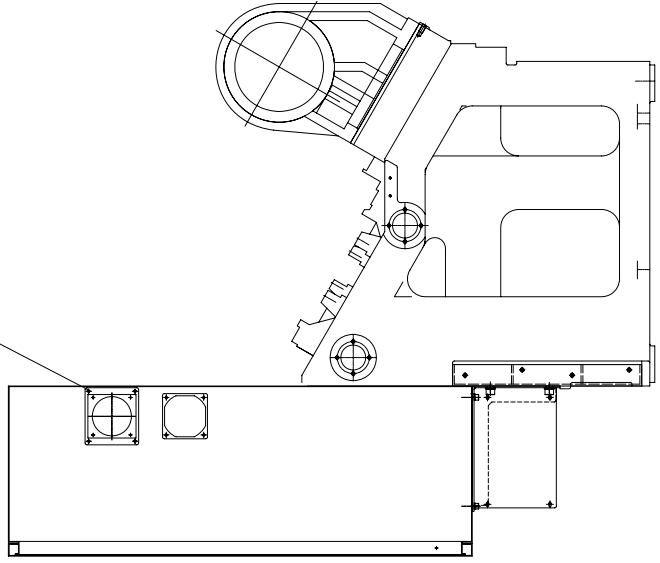
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item  | Part NO.      | Description            | 中文名稱     | Specification   | Qty  | Unit |
|-------|---------------|------------------------|----------|-----------------|------|------|
| 49.00 | MS 0333413    | PAN HEAD PHILIPS SCREW | 十字圓頭螺絲   | M4xP0.7xL6      | 8.00 | EA   |
| 50.00 | MW 0183410    | SPRING WASHER          | 彈簧墊圈     | M4              | 8.00 | EA   |
| 51.00 | NV 000199009A | COVER                  | 蓋板       | L380xW60xH2.3   | 1.00 | EA   |
| 52.00 | MS 0303516    | BUTTON HD. SOCKET      | 六角穴半圓頭螺絲 | M5xP0.8xL12     | 2.00 | EA   |
| 53.00 | MW 0183510    | SPRING WASHER          | 彈簧墊圈     | M5              | 2.00 | EA   |
| 56.00 | BL 000399077A | PLATE, WIRE OUTLET     | 出線板      | L163.5xW80xH2.3 | 1.00 | EA   |
| 57.00 | MS 0103414    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M4xP0.7xL8      | 4.00 | EA   |
| 58.00 | MW 0183410    | SPRING WASHER          | 彈簧墊圈     | M4              | 4.00 | EA   |

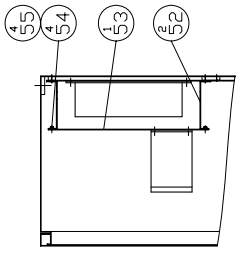
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| A   | 機壳外觀         | 2007/5/9  | 503  |
| B   | 53 號強電風扇孔位調整 | 2007/9/17 | 812  |



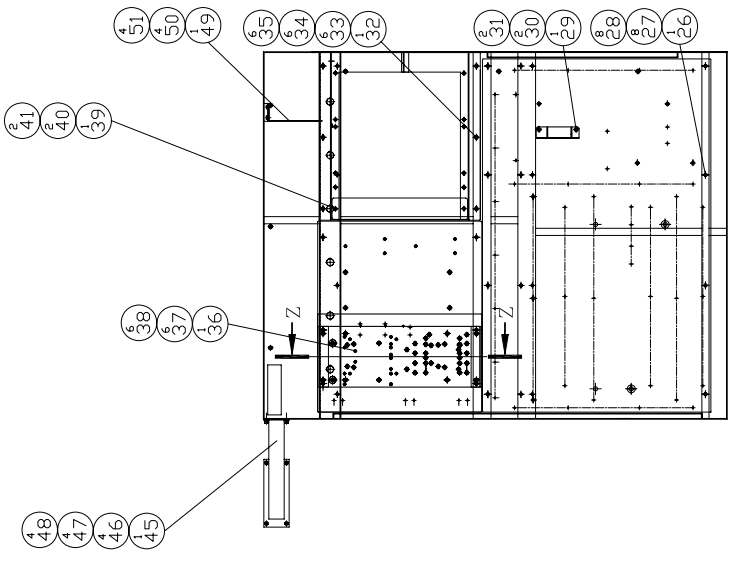
A 矢視圖



A



Z-Z SECTION



|   |             |
|---|-------------|
| MODEL: GS 200/66L,GS 250L,SV 200/66L,SV 250L        | SCALE: 1:22 |
| PART NAME<br>POWER CASE(FANUC-CE)<br>強電風扇(FANUC-CE) | REV. B      |
| PART NUMBER<br>BL 000415819F                        | PAGE 1 OF 1 |
| DATE 2007/5/9                                       | CHINA       |



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000415819F

Description: POWER CASE(FANUC-CE,GS250L)  
強電箱(FANUC-CE,GS250L)

| Item  | Part NO.      | Description           | 中文名稱         | Specification    | Qty  | Unit |
|-------|---------------|-----------------------|--------------|------------------|------|------|
| 1.00  | BL 000399018F | POWER CASE,(GS 250L)  | 強電箱(GS 250L) | L1300xW830xH477  | 1.00 | EA   |
| 2.00  | NV 000399092D | FONT COVER,POWER CASE | 強電箱前蓋        | L1300xW227xH38   | 1.00 | EA   |
| 3.00  | MS 0303516    | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲     | M5xP0.8xL12      | 3.00 | EA   |
| 4.00  | MW 0183510    | SPRING WASHER         | 彈簧墊圈         | M5               | 3.00 | EA   |
| 5.00  | MS 0303516    | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲     | M5xP0.8xL12      | 3.00 | EA   |
| 6.00  | MW 0183510    | SPRING WASHER         | 彈簧墊圈         | M5               | 3.00 | EA   |
| 7.00  | MW 0103510    | FLAT WASHER           | 平墊圈          | M5               | 3.00 | EA   |
| 8.00  | BLA000399018A | PLATE,WIRE OUTLET     | 出線板          | Lx166.5xW80xH2.3 | 1.00 | EA   |
| 9.00  | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲      | M4xP0.7xL8       | 4.00 | EA   |
| 10.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈         | M4               | 4.00 | EA   |
| 11.00 | BL 000399077A | PLATE, WIRE OUTLET    | 出線板          | L163.5xW80xH2.3  | 1.00 | EA   |
| 12.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲      | M4xP0.7xL8       | 4.00 | EA   |
| 13.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈         | M4               | 4.00 | EA   |
| 14.00 | BL 000199024A | PLATE, WIRE OUTLET    | 出線板          | L136xW100xH2.3   | 1.00 | ST   |
| 15.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲      | M4xP0.7xL8       | 4.00 | EA   |
| 16.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈         | M4               | 4.00 | EA   |
| 17.00 | BL 000299012A | PLATE, WIRE OUTLET    | 出線板          | L195xW80xH2.3    | 2.00 | EA   |
| 18.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲      | M4xP0.7xL8       | 8.00 | EA   |
| 19.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈         | M4               | 8.00 | EA   |
| 20.00 | BL 000199026A | PLATE, WIRE OUTLET    | 出線板          | L246xW80xH2.3    | 1.00 | ST   |

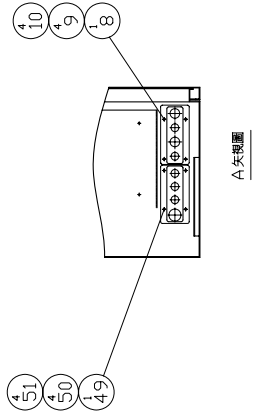
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item  | Part NO.      | Description            | 中文名稱     | Specification            | Qty  | Unit |
|-------|---------------|------------------------|----------|--------------------------|------|------|
| 21.00 | MW 0183410    | SPRING WASHER          | 彈簧墊圈     | M4                       | 4.00 | EA   |
| 22.00 | MS 0103414    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M4xP0.7xL8               | 4.00 | EA   |
| 23.00 | NV 000199013D | BRACKET, MAIN SWITCH   | 主開關托架    | L325xW156xH45            | 1.00 | EA   |
| 24.00 | MS 0103515    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M5xP0.8xL10              | 4.00 | EA   |
| 25.00 | MW 0183510    | SPRING WASHER          | 彈簧墊圈     | M5                       | 4.00 | EA   |
| 26.01 | BL 000399034C | PLATE,POWER CASE       | 強電板(下)   | L990xW515xH2.3           | 1.00 | EA   |
| 27.00 | MW 0183810    | SPRING WASHER          | 彈簧墊圈     | M8                       | 8.00 | EA   |
| 28.00 | MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M8xP1.25xL16             | 8.00 | EA   |
| 29.00 | NVA000399037A | POWER SUPPLY SEAT      | 電源供應器固定座 | L195xW120xH32.3(SIEMENS) | 1.00 | EA   |
| 30.00 | MS 0103615    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M6xP1.0xL10              | 2.00 | EA   |
| 31.00 | MW 0183610    | SPRING WASHER          | 彈簧墊圈     | M6                       | 2.00 | EA   |
| 32.00 | BL 000399009C | BRACKET                | 支持板      | L470.3xW452xH135         | 1.00 | EA   |
| 33.00 | MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M8xP1.25xL16             | 6.00 | EA   |
| 34.00 | MW 0183810    | SPRING WASHER          | 彈簧墊圈     | M8                       | 6.00 | EA   |
| 35.00 | MW 0103810    | FLAT WASHER            | 平墊圈      | M8 (d8*D22.2)            | 6.00 | EA   |
| 36.00 | BL 000399028C | PLATE, POWER CASE      | 強電板(上)   | L456xW431x2.3            | 1.00 | EA   |
| 37.00 | MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M8xP1.25xL16             | 6.00 | EA   |
| 38.00 | MW 0183810    | SPRING WASHER          | 彈簧墊圈     | M8                       | 6.00 | EA   |
| 39.00 | NV 000199009A | COVER                  | 蓋板       | L380xW60xH2.3            | 1.00 | EA   |
| 40.00 | MS 0303516    | BUTTON HD. SOCKET      | 六角穴半圓頭螺絲 | M5xP0.8xL12              | 2.00 | EA   |
| 41.00 | MW 0183510    | SPRING WASHER          | 彈簧墊圈     | M5                       | 2.00 | EA   |
| 42.00 | NV 000199012A | SEAT, FAN              | 風扇座      | L380xW160xH2.3           | 1.00 | EA   |
| 43.00 | MS 0333413    | PAN HEAD PHILIPS SCREW | 十字圓頭螺絲   | M4xP0.7xL6               | 8.00 | EA   |

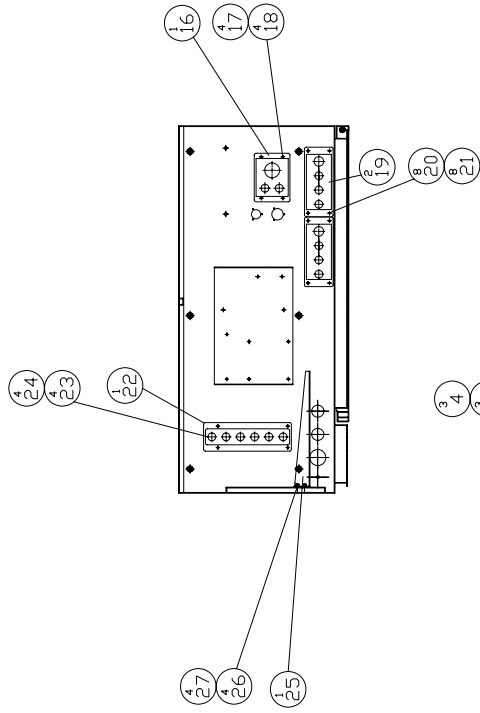
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item  | Part NO.      | Description           | 中文名稱    | Specification   | Qty  | Unit |
|-------|---------------|-----------------------|---------|-----------------|------|------|
| 44.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈    | M4              | 8.00 | EA   |
| 45.00 | BL 000599093F | ELECTRIC WIRE SHIELD  | 電線槽     | L302.5xW190xH71 | 1.00 | EA   |
| 46.00 | MS 0103617    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL16     | 4.00 | EA   |
| 47.00 | MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6              | 4.00 | EA   |
| 48.00 | MW 0103610    | FLAT WASHER           | 平墊圈     | M6(d6*D19*H2)   | 4.00 | EA   |
| 49.00 | NVA000499013A | SEAT, FAN             | 風扇座     | L150xW150xH50   | 1.00 | EA   |
| 50.00 | MS 0103516    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M5xP0.8xL12     | 4.00 | EA   |
| 51.00 | MW 0183510    | SPRING WASHER         | 彈簧墊圈    | M5              | 4.00 | EA   |
| 52.00 | NV 000299075A | BRACKET               | 支持板     | L170xW135xH30   | 2.00 | EA   |
| 53.01 | NV 000299076A | PLATE, POWER CASE     | 強電板(上)  | L450xW170xH2.3  | 1.00 | EA   |
| 54.00 | MS 0103617    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL16     | 4.00 | EA   |
| 55.00 | MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6              | 4.00 | EA   |

| REV | DESCRIPTION | DATE      | ECN |
|-----|-------------|-----------|-----|
| A   | 新仕様         | 2007/3/15 |     |
| B   | 新部品仕様       | 2007/10/9 |     |



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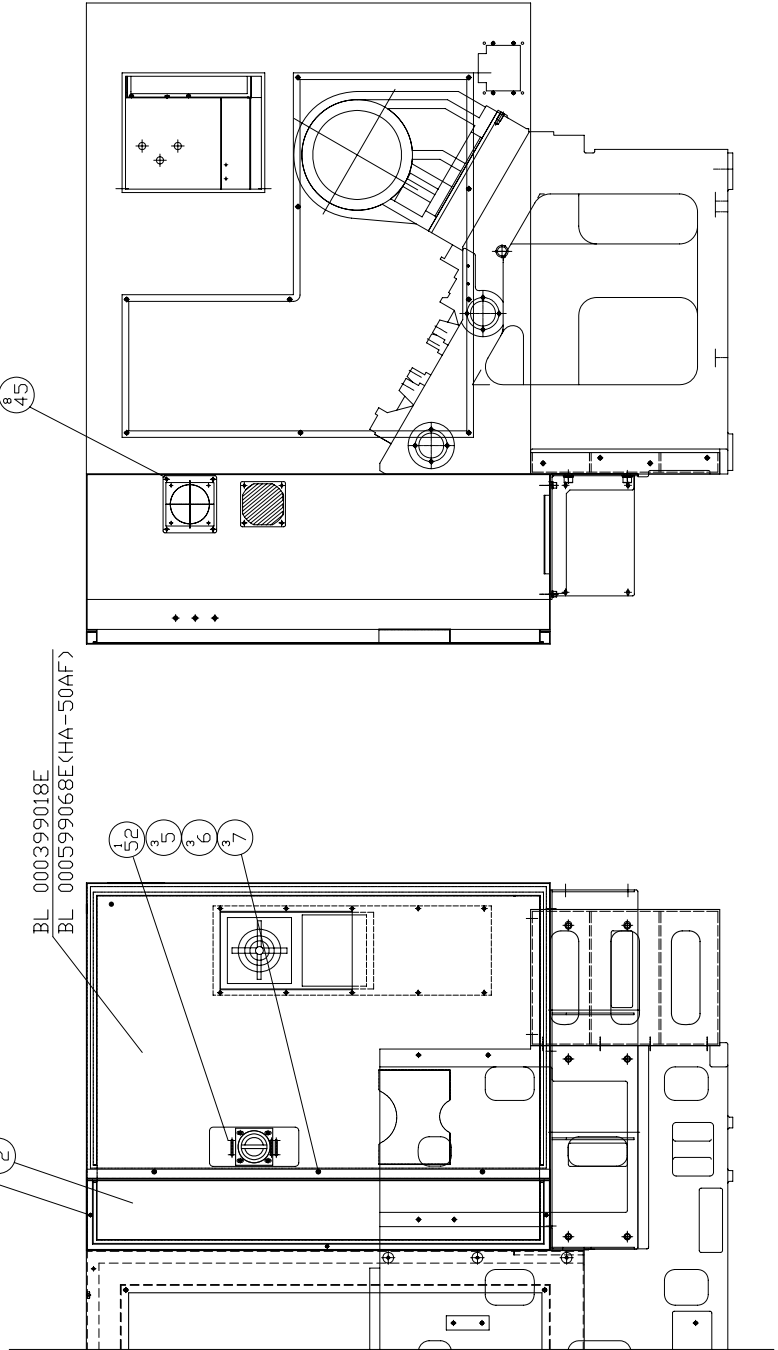
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|---------------------------|---------------|
| MODEL: GS 200/66 & GS 250 | PART NUMBER   |
| POWER CASE<FANUC>         | BL 000415818E |
| 強電箱<FANUC>                | PAGE 1 OF 1   |
| DATE 2007/3/15            | REV. B        |
| SCALE 1:22                |               |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000415818E

Description: POWER CASE(FANUC, GS 250)  
強電箱(FANUC, GS 250)

| Item  | Part NO.      | Description           | 中文名稱     | Specification    | Qty  | Unit |
|-------|---------------|-----------------------|----------|------------------|------|------|
| 2.00  | NV 000399092D | FONT COVER,POWER CASE | 強電箱前蓋    | L1300xW227xH38   | 1.00 | EA   |
| 3.00  | MS 0303516    | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲 | M5xP0.8xL12      | 3.00 | EA   |
| 4.00  | MW 0183510    | SPRING WASHER         | 彈簧墊圈     | M5               | 3.00 | EA   |
| 5.00  | MS 0303516    | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲 | M5xP0.8xL12      | 3.00 | EA   |
| 6.00  | MW 0183510    | SPRING WASHER         | 彈簧墊圈     | M5               | 3.00 | EA   |
| 7.00  | MW 0103510    | FLAT WASHER           | 平墊圈      | M5               | 3.00 | EA   |
| 8.00  | BLA000399018A | PLATE,WIRE OUTLET     | 出線板      | Lx166.5xW80xH2.3 | 1.00 | EA   |
| 9.00  | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M4xP0.7xL8       | 4.00 | EA   |
| 10.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈     | M4               | 4.00 | EA   |
| 16.00 | BL 000199024A | PLATE, WIRE OUTLET    | 出線板      | L136xW100xH2.3   | 1.00 | ST   |
| 17.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M4xP0.7xL8       | 4.00 | EA   |
| 18.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈     | M4               | 4.00 | EA   |
| 19.00 | BL 000299012A | PLATE, WIRE OUTLET    | 出線板      | L195xW80xH2.3    | 2.00 | EA   |
| 20.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M4xP0.7xL8       | 8.00 | EA   |
| 21.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈     | M4               | 8.00 | EA   |
| 22.00 | BL 000199026A | PLATE, WIRE OUTLET    | 出線板      | L246xW80xH2.3    | 1.00 | ST   |
| 23.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈     | M4               | 4.00 | EA   |
| 24.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M4xP0.7xL8       | 4.00 | EA   |
| 25.00 | NV 000199013D | BRACKET, MAIN SWITCH  | 主開關托架    | L325xW156xH45    | 1.00 | EA   |
| 26.00 | MS 0103515    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL10      | 4.00 | EA   |

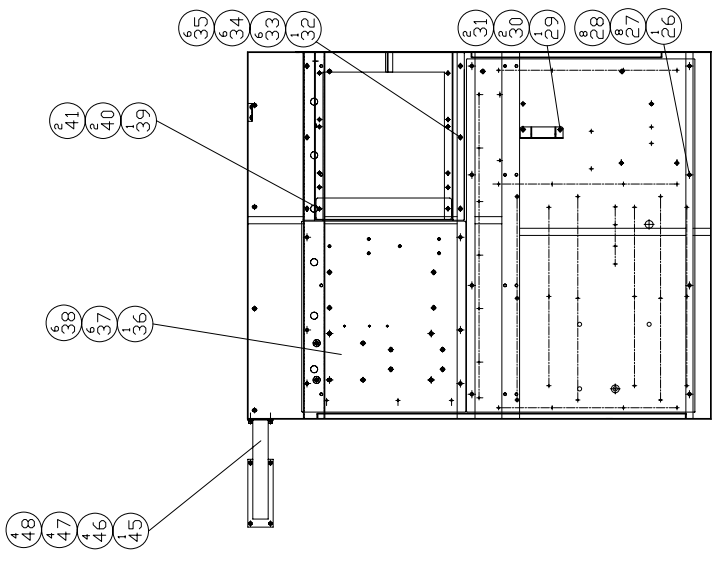
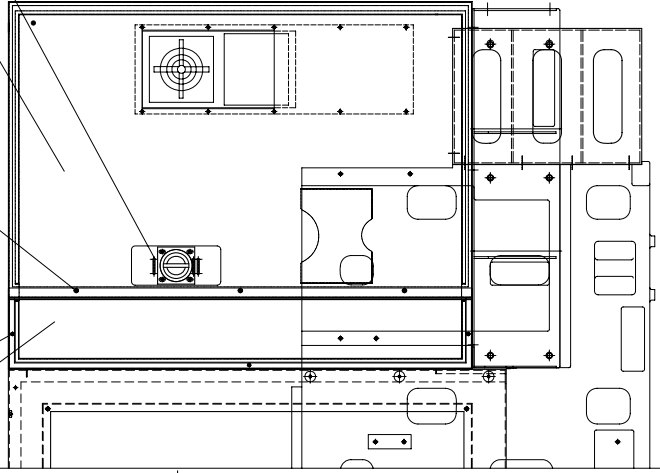
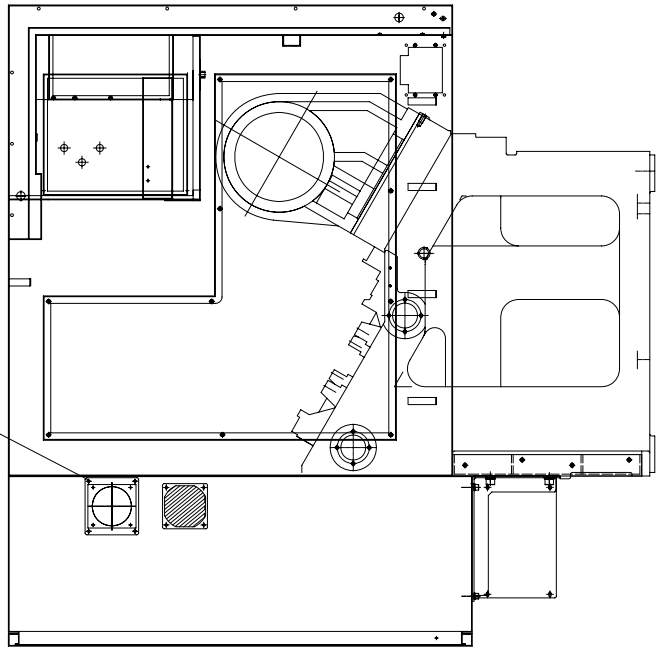
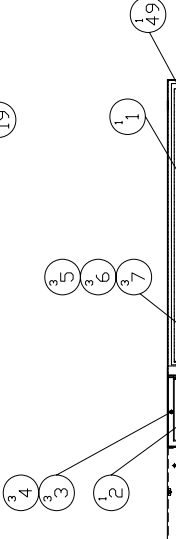
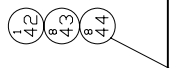
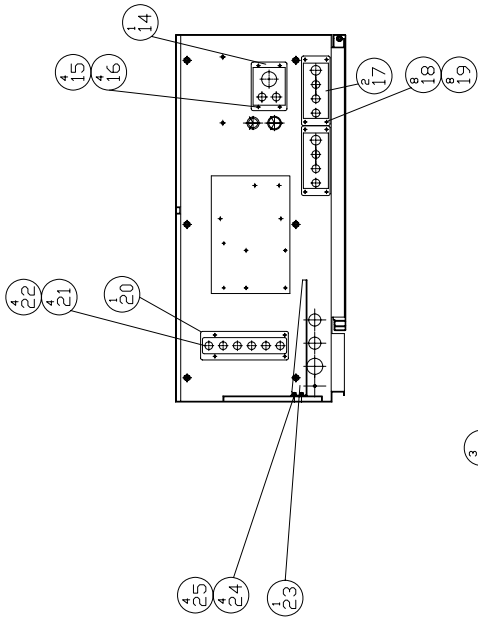
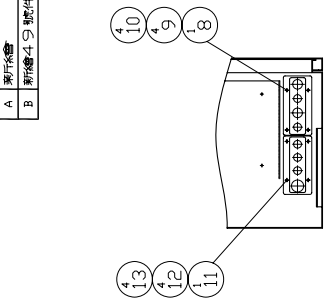
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item  | Part NO.      | Description            | 中文名稱     | Specification            | Qty  | Unit |
|-------|---------------|------------------------|----------|--------------------------|------|------|
| 27.00 | MW 0183510    | SPRING WASHER          | 彈簧墊圈     | M5                       | 4.00 | EA   |
| 28.01 | BL 000399034C | PLATE,POWER CASE       | 強電板(下)   | L990xW515xH2.3           | 1.00 | EA   |
| 29.00 | MW 0183810    | SPRING WASHER          | 彈簧墊圈     | M8                       | 8.00 | EA   |
| 30.00 | MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M8xP1.25xL16             | 8.00 | EA   |
| 31.00 | NVA000399037A | POWER SUPPLY SEAT      | 電源供應器固定座 | L195xW120xH32.3(SIEMENS) | 1.00 | EA   |
| 32.00 | MS 0103615    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M6xP1.0xL10              | 2.00 | EA   |
| 33.00 | MW 0183610    | SPRING WASHER          | 彈簧墊圈     | M6                       | 2.00 | EA   |
| 34.00 | BL 000399009C | BRACKET                | 支持板      | L470.3xW452xH135         | 1.00 | EA   |
| 35.00 | MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M8xP1.25xL16             | 6.00 | EA   |
| 36.00 | MW 0183810    | SPRING WASHER          | 彈簧墊圈     | M8                       | 6.00 | EA   |
| 37.00 | MW 0103810    | FLAT WASHER            | 平墊圈      | M8 (d8*D22.2)            | 6.00 | EA   |
| 38.00 | BL 000399028C | PLATE, POWER CASE      | 強電板(上)   | L456xW431x2.3            | 1.00 | EA   |
| 38.01 | BL 000399028C | PLATE, POWER CASE      | 強電板(上)   | L456xW431x2.3            | 1.00 | EA   |
| 38.02 | BL 000399028C | PLATE, POWER CASE      | 強電板(上)   | L456xW431x2.3            | 1.00 | EA   |
| 39.00 | MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M8xP1.25xL16             | 6.00 | EA   |
| 40.00 | MW 0183810    | SPRING WASHER          | 彈簧墊圈     | M8                       | 6.00 | EA   |
| 43.00 | NV 000199012A | SEAT, FAN              | 風扇座      | L380xW160xH2.3           | 1.00 | EA   |
| 44.00 | MS 0333413    | PAN HEAD PHILIPS SCREW | 十字圓頭螺絲   | M4xP0.7xL6               | 8.00 | EA   |
| 45.00 | MW 0183410    | SPRING WASHER          | 彈簧墊圈     | M4                       | 8.00 | EA   |
| 46.00 | NV 000199009A | COVER                  | 蓋板       | L380xW60xH2.3            | 1.00 | EA   |
| 47.00 | MS 0303516    | BUTTON HD. SOCKET      | 六角穴半圓頭螺絲 | M5xP0.8xL12              | 2.00 | EA   |
| 48.00 | MW 0183510    | SPRING WASHER          | 彈簧墊圈     | M5                       | 2.00 | EA   |
| 49.00 | BL 000399077A | PLATE, WIRE OUTLET     | 出線板      | L163.5xW80xH2.3          | 1.00 | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item  | Part NO.   | Description           | 中文名稱    | Specification | Qty  | Unit |
|-------|------------|-----------------------|---------|---------------|------|------|
| 50.00 | MS 0103414 | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M4xP0.7xL8    | 4.00 | EA   |
| 51.00 | MW 0183410 | SPRING WASHER         | 彈簧墊圈    | M4            | 4.00 | EA   |

| REV | DESCRIPTION | DATE      | ECN |
|-----|-------------|-----------|-----|
| A   | 設計検査        | 2007/2/28 |     |
| B   | 新仕様4号 部品    | 2007/10/9 |     |



|  |             |
|--|-------------|
| MODEL: TALENT GS 250 L                       | SCALE: 1:22 |
| PART NAME<br>POWER CASE<FANUC><br>強電種<FANUC> | REV: B      |
| PART NUMBER<br>BL 000415818F                 | PAGE 1 OF 1 |
| DATE: 2007/2/28                              |             |



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000415818F

Description: POWER CASE(FANUC, GS 250 L)  
強電箱(FANUC, GS 250 L)

| Item  | Part NO.      | Description           | 中文名稱         | Specification    | Qty  | Unit |
|-------|---------------|-----------------------|--------------|------------------|------|------|
| 1.00  | BL 000399018F | POWER CASE,(GS 250L)  | 強電箱(GS 250L) | L1300xW830xH477  | 1.00 | EA   |
| 2.00  | NV 000399092D | FONT COVER,POWER CASE | 強電箱前蓋        | L1300xW227xH38   | 1.00 | EA   |
| 3.00  | MS 0303516    | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲     | M5xP0.8xL12      | 3.00 | EA   |
| 4.00  | MW 0183510    | SPRING WASHER         | 彈簧墊圈         | M5               | 3.00 | EA   |
| 5.00  | MS 0303516    | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲     | M5xP0.8xL12      | 3.00 | EA   |
| 6.00  | MW 0183510    | SPRING WASHER         | 彈簧墊圈         | M5               | 3.00 | EA   |
| 7.00  | MW 0103510    | FLAT WASHER           | 平墊圈          | M5               | 3.00 | EA   |
| 8.00  | BLA000399018A | PLATE,WIRE OUTLET     | 出線板          | Lx166.5xW80xH2.3 | 1.00 | EA   |
| 9.00  | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲      | M4xP0.7xL8       | 4.00 | EA   |
| 10.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈         | M4               | 4.00 | EA   |
| 11.00 | BL 000399077A | PLATE, WIRE OUTLET    | 出線板          | L163.5xW80xH2.3  | 1.00 | EA   |
| 12.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲      | M4xP0.7xL8       | 4.00 | EA   |
| 13.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈         | M4               | 4.00 | EA   |
| 14.00 | BL 000199024A | PLATE, WIRE OUTLET    | 出線板          | L136xW100xH2.3   | 1.00 | ST   |
| 15.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲      | M4xP0.7xL8       | 4.00 | EA   |
| 16.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈         | M4               | 4.00 | EA   |
| 17.00 | BL 000299012A | PLATE, WIRE OUTLET    | 出線板          | L195xW80xH2.3    | 2.00 | EA   |
| 18.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲      | M4xP0.7xL8       | 8.00 | EA   |
| 19.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈         | M4               | 8.00 | EA   |
| 20.00 | BL 000199026A | PLATE, WIRE OUTLET    | 出線板          | L246xW80xH2.3    | 1.00 | ST   |

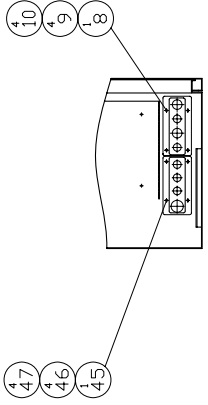
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item  | Part NO.      | Description            | 中文名稱     | Specification            | Qty  | Unit |
|-------|---------------|------------------------|----------|--------------------------|------|------|
| 21.00 | MW 0183410    | SPRING WASHER          | 彈簧墊圈     | M4                       | 4.00 | EA   |
| 22.00 | MS 0103414    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M4xP0.7xL8               | 4.00 | EA   |
| 23.00 | NV 000199013D | BRACKET, MAIN SWITCH   | 主開關托架    | L325xW156xH45            | 1.00 | EA   |
| 24.00 | MS 0103515    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M5xP0.8xL10              | 4.00 | EA   |
| 25.00 | MW 0183510    | SPRING WASHER          | 彈簧墊圈     | M5                       | 4.00 | EA   |
| 26.01 | BL 000399034C | PLATE,POWER CASE       | 強電板(下)   | L990xW515xH2.3           | 1.00 | EA   |
| 27.00 | MW 0183810    | SPRING WASHER          | 彈簧墊圈     | M8                       | 8.00 | EA   |
| 28.00 | MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M8xP1.25xL16             | 8.00 | EA   |
| 29.00 | NVA000399037A | POWER SUPPLY SEAT      | 電源供應器固定座 | L195xW120xH32.3(SIEMENS) | 1.00 | EA   |
| 30.00 | MS 0103615    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M6xP1.0xL10              | 2.00 | EA   |
| 31.00 | MW 0183610    | SPRING WASHER          | 彈簧墊圈     | M6                       | 2.00 | EA   |
| 32.00 | BL 000399009C | BRACKET                | 支持板      | L470.3xW452xH135         | 1.00 | EA   |
| 33.00 | MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M8xP1.25xL16             | 6.00 | EA   |
| 34.00 | MW 0183810    | SPRING WASHER          | 彈簧墊圈     | M8                       | 6.00 | EA   |
| 35.00 | MW 0103810    | FLAT WASHER            | 平墊圈      | M8 (d8*D22.2)            | 6.00 | EA   |
| 36.00 | BL 000399028C | PLATE, POWER CASE      | 強電板(上)   | L456xW431x2.3            | 1.00 | EA   |
| 37.00 | MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M8xP1.25xL16             | 6.00 | EA   |
| 38.00 | MW 0183810    | SPRING WASHER          | 彈簧墊圈     | M8                       | 6.00 | EA   |
| 39.00 | NV 000199009A | COVER                  | 蓋板       | L380xW60xH2.3            | 1.00 | EA   |
| 40.00 | MS 0303516    | BUTTON HD. SOCKET      | 六角穴半圓頭螺絲 | M5xP0.8xL12              | 2.00 | EA   |
| 41.00 | MW 0183510    | SPRING WASHER          | 彈簧墊圈     | M5                       | 2.00 | EA   |
| 42.00 | NV 000199012A | SEAT, FAN              | 風扇座      | L380xW160xH2.3           | 1.00 | EA   |
| 43.00 | MS 0333413    | PAN HEAD PHILIPS SCREW | 十字圓頭螺絲   | M4xP0.7xL6               | 8.00 | EA   |

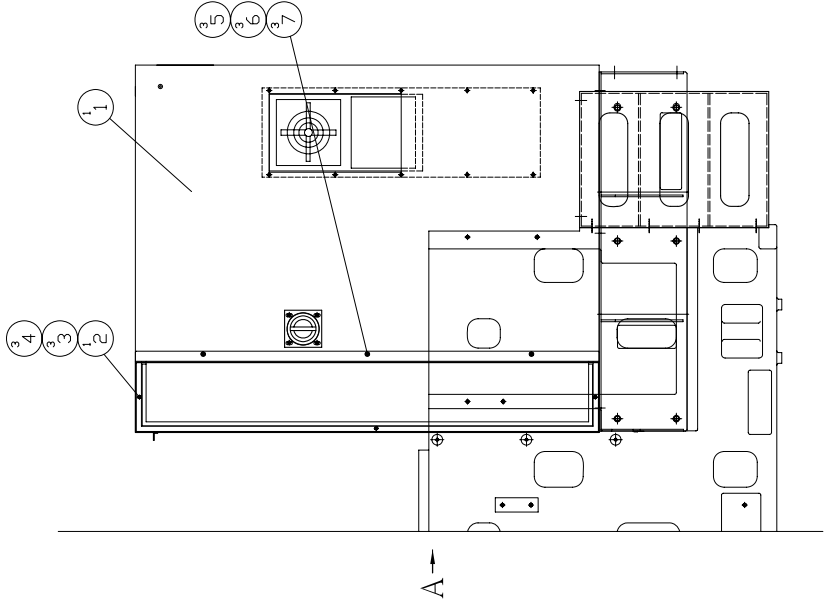
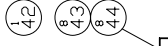
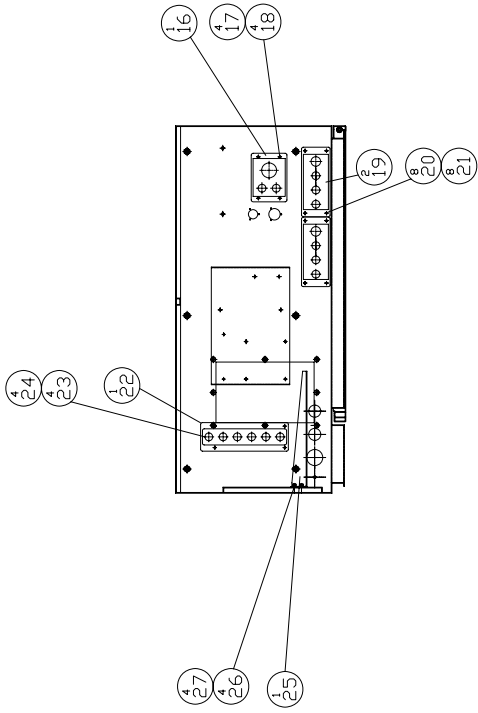
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item  | Part NO.      | Description           | 中文名稱    | Specification   | Qty  | Unit |
|-------|---------------|-----------------------|---------|-----------------|------|------|
| 44.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈    | M4              | 8.00 | EA   |
| 45.00 | BL 000599093F | ELECTRIC WIRE SHIELD  | 電線槽     | L302.5xW190xH71 | 1.00 | EA   |
| 46.00 | MS 0103617    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M6xP1.0xL16     | 4.00 | EA   |
| 47.00 | MW 0183610    | SPRING WASHER         | 彈簧墊圈    | M6              | 4.00 | EA   |
| 48.00 | MW 0103610    | FLAT WASHER           | 平墊圈     | M6(d6*D19*H2)   | 4.00 | EA   |

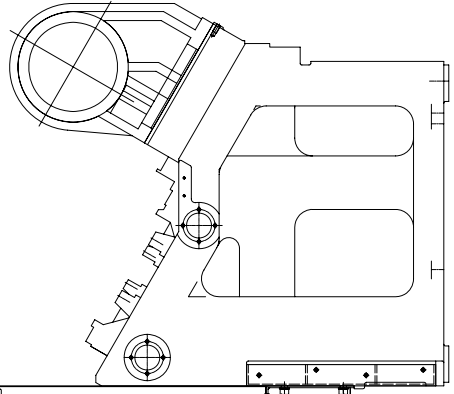
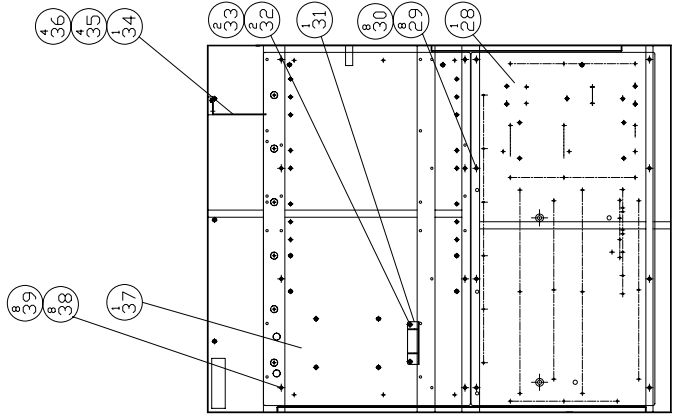
| REV | DESCRIPTION | DATE      | ECN      |
|-----|-------------|-----------|----------|
| A   | 標準図         | 2007/3/29 | TEL.0166 |



A 矢印側



A



|                                     |                |                |
|-------------------------------------|----------------|----------------|
| MODEL: GS 200/66&250, SV 200/66&250 | PART NUMBER    | REV. A         |
| POWER CASE(SIEMENS)                 | BL 000415801EC | SCALE 1:22     |
| 強電機(SIEMENS)                        | PAGE 1 OF 1    | DATE 2007/3/29 |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000415801EC

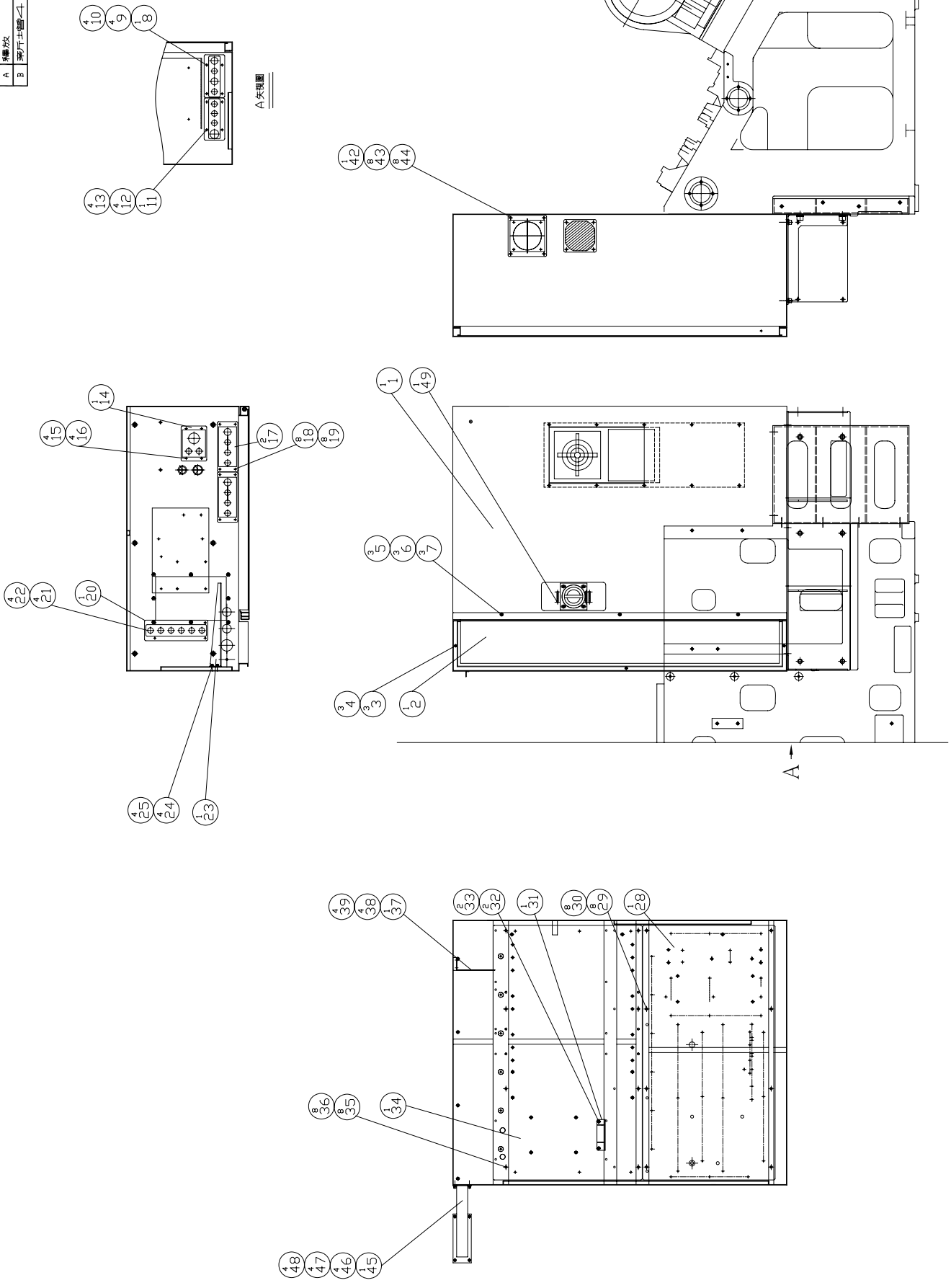
Description: POWER CASE(SIEMENS)  
強電箱(SIEMENS)

| Item  | Part NO.      | Description           | 中文名稱             | Specification    | Qty  | Unit |
|-------|---------------|-----------------------|------------------|------------------|------|------|
| 1.00  | BL 000399035E | POWER CASE            | 強電箱(SIEMENS)直角板金 | L1300xW1030xH477 | 1.00 | EA   |
| 2.00  | NV 000399092D | FONT COVER,POWER CASE | 強電箱前蓋            | L1300xW227xH38   | 1.00 | EA   |
| 3.00  | MS 0303516    | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲         | M5xP0.8xL12      | 5.00 | EA   |
| 4.00  | MW 0183510    | SPRING WASHER         | 彈簧墊圈             | M5               | 5.00 | EA   |
| 5.00  | MS 0303516    | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲         | M5xP0.8xL12      | 3.00 | EA   |
| 6.00  | MW 0183510    | SPRING WASHER         | 彈簧墊圈             | M5               | 3.00 | EA   |
| 7.00  | MW 0103510    | FLAT WASHER           | 平墊圈              | M5               | 3.00 | EA   |
| 8.00  | BLA000399018A | PLATE,WIRE OUTLET     | 出線板              | Lx166.5xW80xH2.3 | 1.00 | EA   |
| 9.00  | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲          | M4xP0.7xL8       | 4.00 | EA   |
| 10.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈             | M4               | 4.00 | EA   |
| 16.00 | BL 000199024A | PLATE, WIRE OUTLET    | 出線板              | L136xW100xH2.3   | 1.00 | ST   |
| 17.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲          | M4xP0.7xL8       | 4.00 | EA   |
| 18.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈             | M4               | 4.00 | EA   |
| 19.00 | BL 000299012A | PLATE, WIRE OUTLET    | 出線板              | L195xW80xH2.3    | 2.00 | EA   |
| 20.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲          | M4xP0.7xL8       | 8.00 | EA   |
| 21.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈             | M4               | 8.00 | EA   |
| 22.00 | BL 000199026A | PLATE, WIRE OUTLET    | 出線板              | L246xW80xH2.3    | 1.00 | ST   |
| 23.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈             | M4               | 4.00 | EA   |
| 24.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲          | M4xP0.7xL8       | 4.00 | EA   |
| 25.00 | NV 000199013D | BRACKET, MAIN SWITCH  | 主開關托架            | L325xW156xH45    | 1.00 | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.       | Description            | 中文名稱     | Specification            | Qty  | Unit |
|---------------------|------------------------|----------|--------------------------|------|------|
| 26.00 MS 0103515    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M5xP0.8xL10              | 4.00 | EA   |
| 27.00 MW 0183510    | SPRING WASHER          | 彈簧墊圈     | M5                       | 4.00 | EA   |
| 28.01 BL 000399034C | PLATE,POWER CASE       | 強電板(下)   | L990xW515xH2.3           | 1.00 | EA   |
| 29.00 MW 0183810    | SPRING WASHER          | 彈簧墊圈     | M8                       | 8.00 | EA   |
| 30.00 MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M8xP1.25xL16             | 8.00 | EA   |
| 31.00 NVA000399037A | POWER SUPPLY SEAT      | 電源供應器固定座 | L195xW120xH32.3(SIEMENS) | 1.00 | EA   |
| 32.00 MS 0103615    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M6xP1.0xL10              | 2.00 | EA   |
| 33.00 MW 0183610    | SPRING WASHER          | 彈簧墊圈     | M6                       | 2.00 | EA   |
| 34.00 NVA000499013A | SEAT, FAN              | 風扇座      | L150xW150xH50            | 1.00 | EA   |
| 35.00 MS 0103516    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M5xP0.8xL12              | 4.00 | EA   |
| 36.00 MW 0183510    | SPRING WASHER          | 彈簧墊圈     | M5                       | 4.00 | EA   |
| 37.00 BL 000399036C | PLATE,POWER CASE       | 強電板(上)   | L990xW580xH2.3           | 1.00 | EA   |
| 38.00 MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M8xP1.25xL16             | 8.00 | EA   |
| 39.00 MW 0183810    | SPRING WASHER          | 彈簧墊圈     | M8                       | 8.00 | EA   |
| 40.00 MS 0104017    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M10xP1.5xL16             | 4.00 | EA   |
| 41.00 MW 0184010    | SPRING WASHER          | 彈簧墊圈     | M10                      | 4.00 | EA   |
| 42.00 NV 000499012A | COVER                  | 蓋板       | L342.5xW152xH2.3         | 1.00 | EA   |
| 43.00 MS 0333413    | PAN HEAD PHILIPS SCREW | 十字圓頭螺絲   | M4xP0.7xL6               | 8.00 | EA   |
| 44.00 MW 0183410    | SPRING WASHER          | 彈簧墊圈     | M4                       | 8.00 | EA   |
| 45.00 BL 000399077A | PLATE, WIRE OUTLET     | 出線板      | L163.5xW80xH2.3          | 1.00 | EA   |
| 46.00 MS 0103414    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M4xP0.7xL8               | 4.00 | EA   |
| 47.00 MW 0183410    | SPRING WASHER          | 彈簧墊圈     | M4                       | 4.00 | EA   |

| REV | DESCRIPTION | DATE       | ECN    |
|-----|-------------|------------|--------|
| A   | 機殼放         | 2006/02    | 000123 |
| B   | 機殼加工圖       | 2007/09/18 | 038    |



|  |
|--|
| MODEL: SV 200/66L&250L, GS 200/66L&250L          |
| PART NAME<br>POWER CASE(SIEMENS)<br>強電箱(SIEMENS) |
| PART NUMBER<br>BL 000415801LC                    |
| DATE 2006/8/2                                    |
| PAGE 1 OF 1                                      |
| SCALE 1:22                                       |
| REV. B   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000415801LC

Description: POWER CASE(FANUC)  
強電箱(SIEMENS)

| Item  | Part NO.      | Description           | 中文名稱             | Specification    | Qty  | Unit |
|-------|---------------|-----------------------|------------------|------------------|------|------|
| 1.00  | BL 000399035L | POWER CASE            | 強電箱(SIEMENS)直角板金 | L1300xW1030xH477 | 1.00 | ST   |
| 2.00  | NV 000399092D | FONT COVER,POWER CASE | 強電箱前蓋            | L1300xW227xH38   | 1.00 | EA   |
| 3.00  | MS 0303516    | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲         | M5xP0.8xL12      | 3.00 | EA   |
| 4.00  | MW 0183510    | SPRING WASHER         | 彈簧墊圈             | M5               | 3.00 | EA   |
| 5.00  | MS 0303516    | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲         | M5xP0.8xL12      | 3.00 | EA   |
| 6.00  | MW 0183510    | SPRING WASHER         | 彈簧墊圈             | M5               | 3.00 | EA   |
| 7.00  | MW 0103510    | FLAT WASHER           | 平墊圈              | M5               | 3.00 | EA   |
| 8.00  | BLA000399018A | PLATE,WIRE OUTLET     | 出線板              | Lx166.5xW80xH2.3 | 1.00 | EA   |
| 9.00  | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲          | M4xP0.7xL8       | 4.00 | EA   |
| 10.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈             | M4               | 4.00 | EA   |
| 11.00 | BL 000399077A | PLATE, WIRE OUTLET    | 出線板              | L163.5xW80xH2.3  | 1.00 | EA   |
| 12.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲          | M4xP0.7xL8       | 4.00 | EA   |
| 13.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈             | M4               | 4.00 | EA   |
| 14.00 | BL 000199024A | PLATE, WIRE OUTLET    | 出線板              | L136xW100xH2.3   | 1.00 | ST   |
| 15.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲          | M4xP0.7xL8       | 4.00 | EA   |
| 16.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈             | M4               | 4.00 | EA   |
| 17.00 | BL 000299012A | PLATE, WIRE OUTLET    | 出線板              | L195xW80xH2.3    | 2.00 | EA   |
| 18.00 | MS 0103414    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲          | M4xP0.7xL8       | 8.00 | EA   |
| 19.00 | MW 0183410    | SPRING WASHER         | 彈簧墊圈             | M4               | 8.00 | EA   |
| 20.00 | BL 000199026A | PLATE, WIRE OUTLET    | 出線板              | L246xW80xH2.3    | 1.00 | ST   |



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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.       | Description            | 中文名稱     | Specification            | Qty  | Unit |
|---------------------|------------------------|----------|--------------------------|------|------|
| 21.00 MW 0183410    | SPRING WASHER          | 彈簧墊圈     | M4                       | 4.00 | EA   |
| 22.00 MS 0103414    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M4xP0.7xL8               | 4.00 | EA   |
| 23.00 NV 000199013D | BRACKET, MAIN SWITCH   | 主開關托架    | L325xW156xH45            | 1.00 | EA   |
| 24.00 MS 0103515    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M5xP0.8xL10              | 4.00 | EA   |
| 25.00 MW 0183510    | SPRING WASHER          | 彈簧墊圈     | M5                       | 4.00 | EA   |
| 26.01 BL 000399034C | PLATE,POWER CASE       | 強電板(下)   | L990xW515xH2.3           | 1.00 | EA   |
| 27.00 MW 0183810    | SPRING WASHER          | 彈簧墊圈     | M8                       | 8.00 | EA   |
| 28.00 MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M8xP1.25xL16             | 8.00 | EA   |
| 29.00 NVA000399037A | POWER SUPPLY SEAT      | 電源供應器固定座 | L195xW120xH32.3(SIEMENS) | 1.00 | EA   |
| 30.00 MS 0103615    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M6xP1.0xL10              | 2.00 | EA   |
| 31.00 MW 0183610    | SPRING WASHER          | 彈簧墊圈     | M6                       | 2.00 | EA   |
| 32.00 BL 000399036C | PLATE,POWER CASE       | 強電板(上)   | L990xW580xH2.3           | 1.00 | EA   |
| 33.00 MS 0103817    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M8xP1.25xL16             | 1.00 | EA   |
| 34.00 MW 0183810    | SPRING WASHER          | 彈簧墊圈     | M8                       | 1.00 | EA   |
| 35.00 NVA000499013A | SEAT, FAN              | 風扇座      | L150xW150xH50            | 1.00 | EA   |
| 36.00 MS 0103516    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M5xP0.8xL12              | 1.00 | EA   |
| 37.00 MW 0183510    | SPRING WASHER          | 彈簧墊圈     | M5                       | 1.00 | EA   |
| 42.00 NV 000199012A | SEAT, FAN              | 風扇座      | L380xW160xH2.3           | 1.00 | EA   |
| 43.00 MS 0333413    | PAN HEAD PHILIPS SCREW | 十字圓頭螺絲   | M4xP0.7xL6               | 8.00 | EA   |
| 44.00 MW 0183410    | SPRING WASHER          | 彈簧墊圈     | M4                       | 8.00 | EA   |
| 45.00 BL 000599093F | ELECTRIC WIRE SHIELD   | 電線槽      | L302.5xW190xH71          | 1.00 | EA   |
| 46.00 MS 0103617    | SOCKET HEAD CAP SCREW  | 六角穴圓頭螺絲  | M6xP1.0xL16              | 4.00 | EA   |
| 47.00 MW 0183610    | SPRING WASHER          | 彈簧墊圈     | M6                       | 4.00 | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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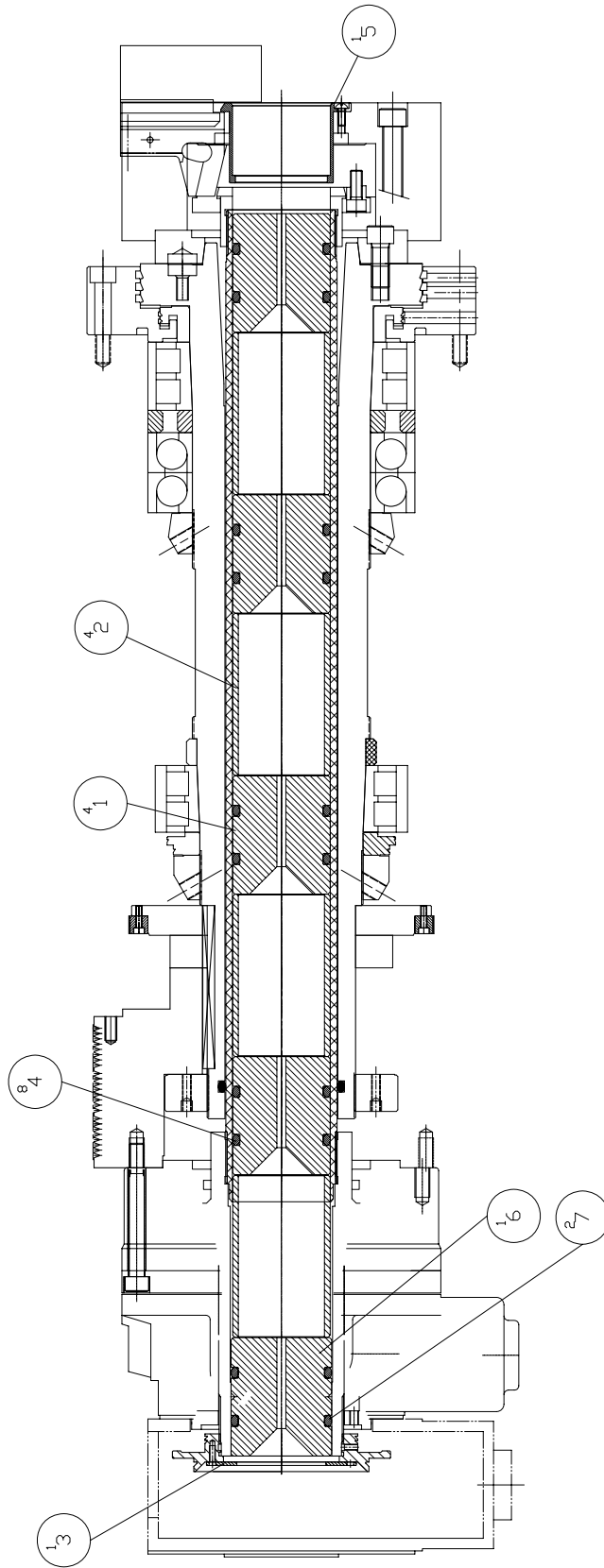
| Item  | Part NO.   | Description | 中文名稱 | Specification | Qty  | Unit |
|-------|------------|-------------|------|---------------|------|------|
| 48.00 | MW 0103610 | FLAT WASHER | 平墊圈  | M6(d6*D19*H2) | 4.00 | EA   |

# Chapter 12

特殊附件

Option

| REV | DESCRIPTION | DATE      | ECN |
|-----|-------------|-----------|-----|
| A   | 新仕様         | 2007/7/16 | 679 |



MODEL: TALENT8/66

PART NAME  
LINER KIT ASSM  
工件線套

PART NUMBER  
BLA001201766EK

PAGE 1 OF 1

DATE 2007/7/16

SCALE 1:5

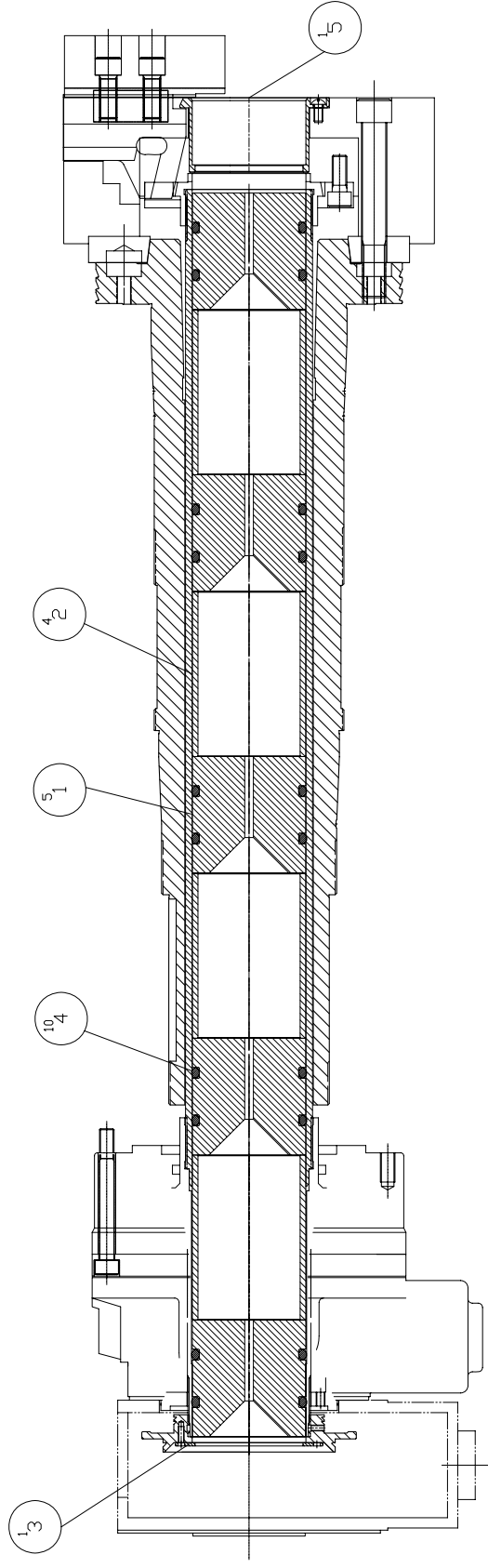
REV. A

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

Master Item Part NO.: BLA001201766EK  
Description: KIT, SPINDLE LINER  
工件襯套

| Item | Part NO.       | Description                    | 中文名稱    | Specification    | Qty  | Unit |
|------|----------------|--------------------------------|---------|------------------|------|------|
| 1.00 | BL 000048100E  | BUSHING, SPINDLE LINER         | 工件襯套    | D65.7Xd6XL80     | 4.00 | EA   |
| 2.00 | BL 000179911E  | SPACER, SPINDLE LINER          | 間隔圈襯套   | D65.7xd58xL109.5 | 4.00 | EA   |
| 3.00 | BL 001011559E  | CAP, ROTARY CYLINDER(spindle I | 迴轉缸止水蓋板 | D97xd60xL20      | 1.00 | EA   |
| 4.00 | BL 00094310115 | O-RING                         | O型油環    | [JIS] P56        | 8.00 | EA   |
| 5.00 | BL 001011544E  | COVER, SPINDLE LINER           | 防塵蓋     | D94xd66xH54      | 1.00 | EA   |
| 6.00 | BL 000048101E  | BUSHING, SPINDLE LINER         | 工件襯套    | D67.7Xd6XL80     | 1.00 | EA   |
| 7.00 | BL 00094310117 | O-RING                         | O型油環    | [JIS] P58        | 2.00 | EA   |
| 8.00 | BL 001011613E  | COVER, SPINDLE LINER           | 襯套固定蓋   | D101xd60xW2.3    | 1.00 | EA   |

| REV | DESCRIPTION | DATE      | ECN |
|-----|-------------|-----------|-----|
| A   | 零件承認        | 2007/7/11 | 679 |



|                     |                |
|---------------------|----------------|
| MODEL: TALENT 10/78 | PART NUMBER    |
| PART NAME           | BLA001201778DK |
| KIT, SPINDLE LINER  | PAGE 1 OF 1    |
| 工件襯套                | REV. A         |
| DATE 2007/7/11      | SCALE 1:5      |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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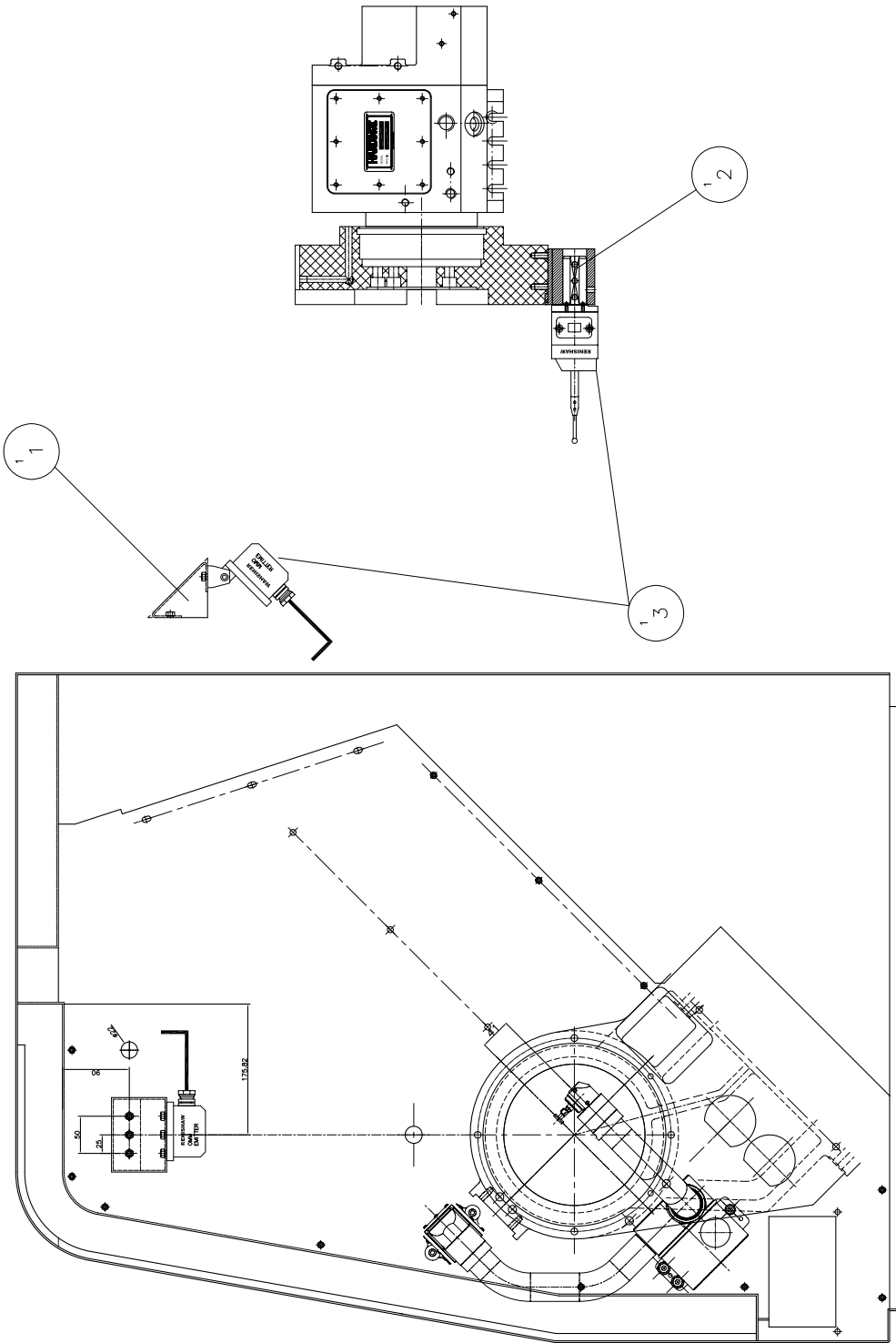
Master Item Part NO.: BLA001201778DK

Description: KIT, SPINDLE LINER  
工件襯套

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| Item | Part NO.       | Description                    | 中文名稱    | Specification  | Qty   | Unit |
|------|----------------|--------------------------------|---------|----------------|-------|------|
| 1.00 | BL 000048100D  | BUSHING, SPINDLE LINER         | 工件襯套    | D77.7Xd6XL80   | 5.00  | EA   |
| 2.00 | BL 000179911D  | SPACER, SPINDLE LINER          | 間隔圈襯套   | D77.7xd70xL113 | 4.00  | EA   |
| 3.00 | BL 001011559D  | CAP, ROTARY CYLINDER(spindle I | 迴轉缸止水蓋板 | D97xd74xL20    | 1.00  | EA   |
| 4.00 | BL 00094310107 | O-RING                         | O型油環    | [JIS]P67       | 10.00 | EA   |
| 5.00 | BL 001011544D  | COVER, SPINDLE LINER           | 防塵蓋     | D110xd74xH51   | 1.00  | EA   |

| REV | DESCRIPTION      | DATE      | ENCL.   |
|-----|------------------|-----------|---------|
| A   | 機敏.#1.#2 BL->BLA | 2003/7/28 | TBL005G |



|                         |                      |
|-------------------------|----------------------|
| MODEL: TALENT 6/45 8/52 |                      |
| PART NAME               | PART NUMBER          |
| <b>PART PROBE</b>       | <b>BL 000253603A</b> |
| DATE 9/15/04            | PAGE 1 OF 1          |
| SCALE 1:9               | REV. A               |



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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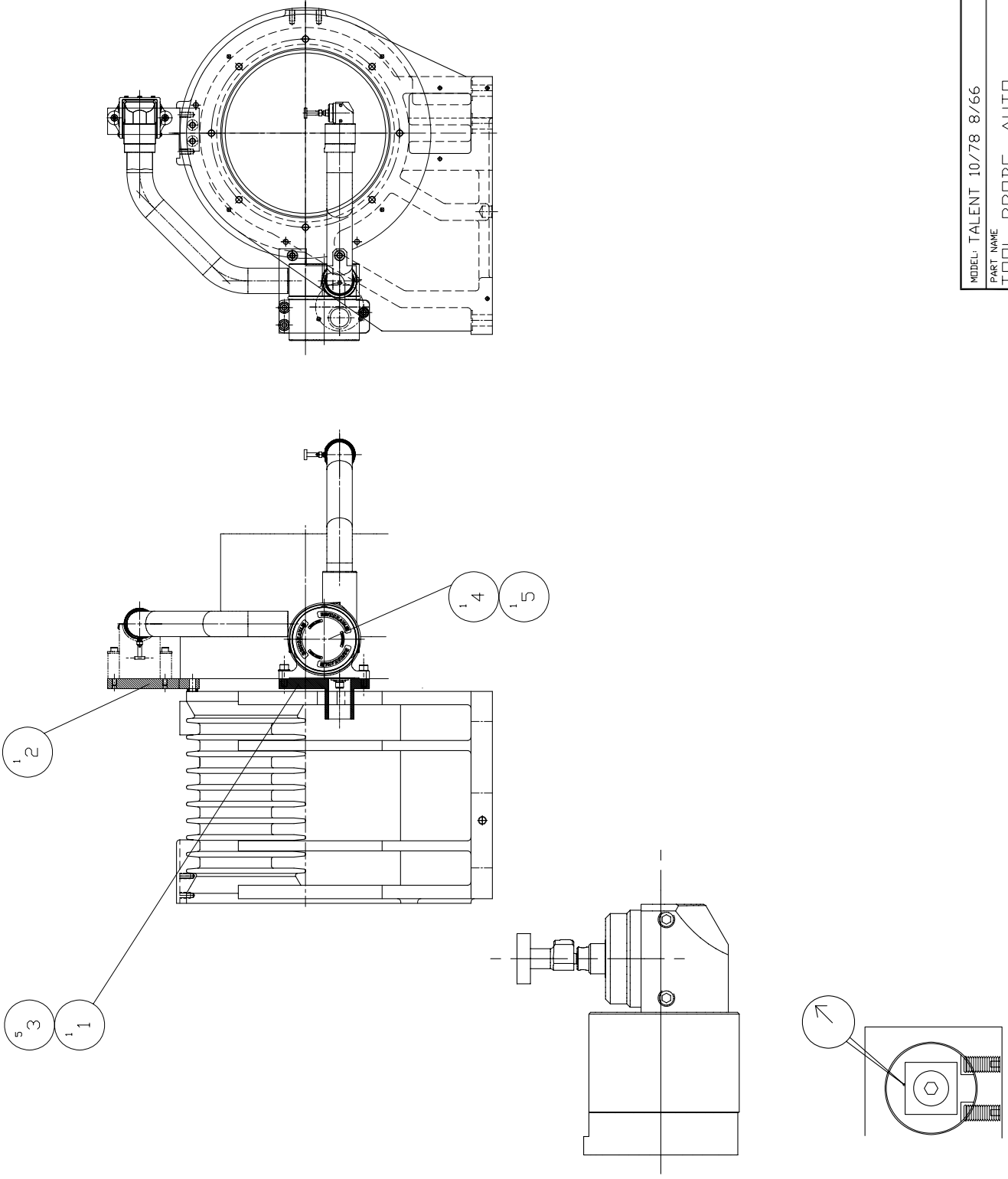
Master Item Part NO.: BL 000253603A

Description: PART PROBE  
工件量測

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| Item | Part NO.       | Description                 | 中文名稱            | Specification                 | Qty  | Unit |
|------|----------------|-----------------------------|-----------------|-------------------------------|------|------|
| 1.00 | BL 000599064A  | BRACKET, PART PROBE         | 工件量測支撐架         | L80xW80xH100                  | 1.00 | ST   |
| 2.00 | BL 001066128A  | SEAT, PART PROBE            | 工件量測支撐座         | D62xd32xL75                   | 1.00 | EA   |
| 3.00 | BL 00028340407 | Renishaw TALENT PART PROBE. | Renishaw 車床工件量測 | LTO2S OMM KIT (A-2030-0213) + | 1.00 | ST   |

| REV | DESCRIPTION | DATE      | ECN    |
|-----|-------------|-----------|--------|
| A   | 機軸放         | 2003/7/16 | BL0166 |



|                          |               |
|--------------------------|---------------|
| MODEL: TALENT 10/78 8/66 |               |
| PART NAME                | PART NUMBER   |
| TOOL PROBE, AUTO         | BL 000253602D |
| 刀具量測                     | PAGE 1 OF 1   |
| DATE 2003/7/16           | REV. A        |
| SCALE 1:9                |               |

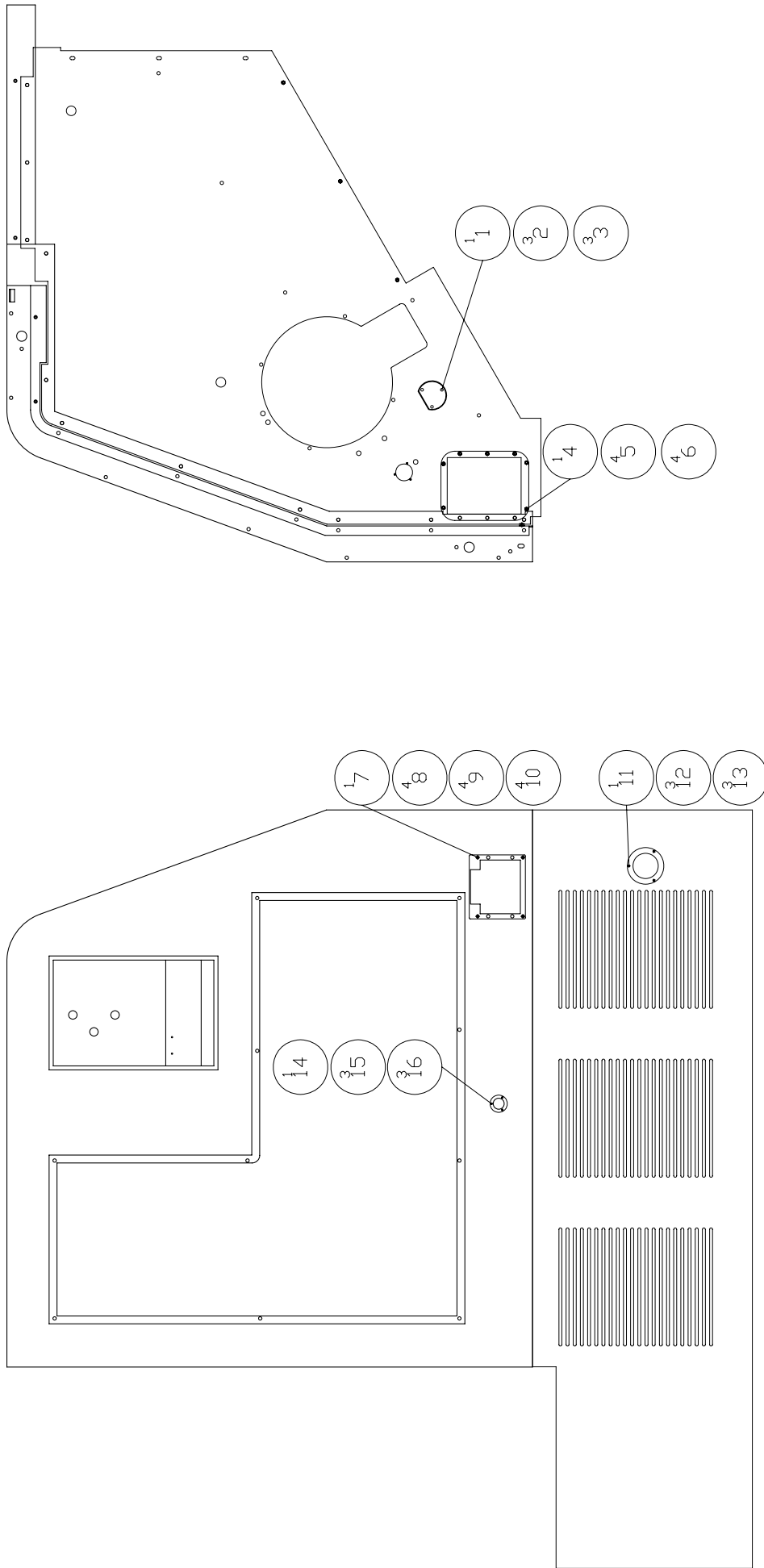
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000253602D

Description: TOOL PROBE ASSY,TALENT 10/78  
刀具量測,TALENT 10/78

| Item | Part NO.      | Description                    | 中文名稱        | Specification          | Qty  | Unit |
|------|---------------|--------------------------------|-------------|------------------------|------|------|
| 1.00 | BLA001066104A | BRACKET, TOOL PROBE            | 刀具量測座       | L135xW126xH60          | 1.00 | EA   |
| 2.00 | BLA001066105A | BRACKET, TOOL PROBE            | 刀具量測座       | L136XW64.5XH19         | 1.00 | EA   |
| 3.00 | MS 0103819    | SOCKET HEAD CAP SCREW          | 六角穴圓頭螺絲     | M8xP1.25xL25           | 5.00 | EA   |
| 4.00 | BL 000253603D | TOOL PROBE ARM WITH MOTOR(HPMA | 馬達量測臂(HPMA) | A-2181-0430 (RENISHAW) | 1.00 | ST   |

| REV | DESCRIPTION | DATE      | ENCL |
|-----|-------------|-----------|------|
| A   | 新形繪         | 2007/4/28 | 524  |



MODEL: TALENT 8/52A, 8/66, 10/78,

PART NAME NO PARTS CATCHER PART NUMBER BL 000291602C

DATE 2007/4/28 CHOU SHIJI SCALE 1:15 PAGE 1 OF 1 REV. A

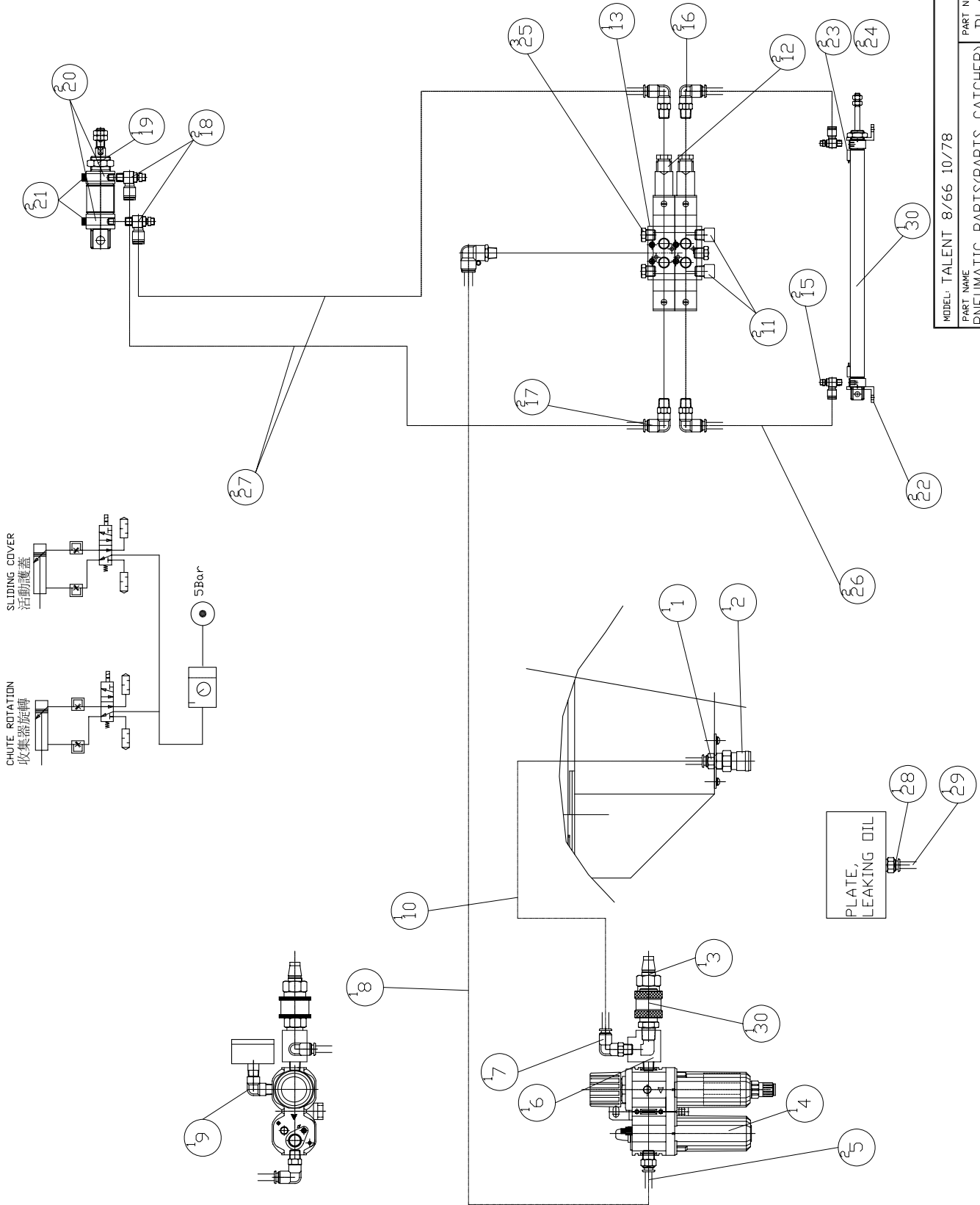
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000291602C

Description: NO PARTS CATCHER(ADDITIONAL CO  
無工件收集器(加裝蓋板)

| Item  | Part NO.      | Description                 | 中文名稱       | Specification     | Qty  | Unit |
|-------|---------------|-----------------------------|------------|-------------------|------|------|
| 1.00  | BL 000199058A | COVER, PART CATCHER         | 軸襯套蓋       | D66xL2.3          | 1.00 | ST   |
| 2.00  | MS 0103616    | SOCKET HEAD CAP SCREW       | 六角穴圓頭螺絲    | M6xP1.0xL12       | 3.00 | EA   |
| 3.00  | MW 0183610    | SPRING WASHER               | 彈簧墊圈       | M6                | 3.00 | EA   |
| 4.01  | BL 000399086C | COVER, LESS PART CATCHER    | 蓋          | LxWxT2.3          | 1.00 | EA   |
| 5.00  | MS 0103616    | SOCKET HEAD CAP SCREW       | 六角穴圓頭螺絲    | M6xP1.0xL12       | 4.00 | EA   |
| 6.00  | MW 0183610    | SPRING WASHER               | 彈簧墊圈       | M6                | 4.00 | EA   |
| 7.00  | BL 000399089C | COVER                       | 蓋          | L1056xW101.4xH106 | 1.00 | EA   |
| 8.00  | MN 0113510    | HEXAGON NUT                 | 六角螺帽       | M5xP0.8           | 4.00 | EA   |
| 9.00  | MW 0183510    | SPRING WASHER               | 彈簧墊圈       | M5                | 4.00 | EA   |
| 10.00 | MW 0103510    | FLAT WASHER                 | 平墊圈        | M5                | 4.00 | EA   |
| 11.00 | BL 000299003A | COVER, PRESSURE GURGE       | 油錶蓋        | D89xL4.6          | 1.00 | EA   |
| 12.00 | MS 0303413    | BUTTON HD. SOCKET           | 六角穴半圓頭螺絲   | M4xP0.7xL6        | 3.00 | EA   |
| 13.00 | MW 0183410    | SPRING WASHER               | 彈簧墊圈       | M4                | 3.00 | EA   |
| 14.00 | BL 000299003C | COVER, SOCKET(PART CATCHER) | 插座蓋(工件收集器) | D41xH2.3          | 1.00 | EA   |
| 15.00 | MS 0333414    | PAN HEAD PHILIPS SCREW      | 十字圓頭螺絲     | M4*0.7*L8         | 3.00 | EA   |
| 16.00 | MW 0183310    | SPRING WASHER               | 彈簧墊圈       | M3                | 3.00 | EA   |

| REV | DESCRIPTION | DATE      | ECN |
|-----|-------------|-----------|-----|
| A   | 新增          | 2007/4/17 | 524 |
| B   | 新增一只滑動開關計3只 | 2007/8/21 | 748 |



|                                |               |        |
|--------------------------------|---------------|--------|
| MODEL: TALENT 8/66 10/78       | PART NUMBER   | REV. B |
| PNEUMATIC PARTS(PARTS CATCHER) | BLA000280402C |        |
| 氣壓零件(工件收集器)                    | PAGE 1 OF 1   |        |
| DATE 2007/4/17                 | SCALE 1:1     |        |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BLA000280402C

Description: PNEUMATIC PARTS( PART CATCHER)  
氣壓零組件(工件收集器)

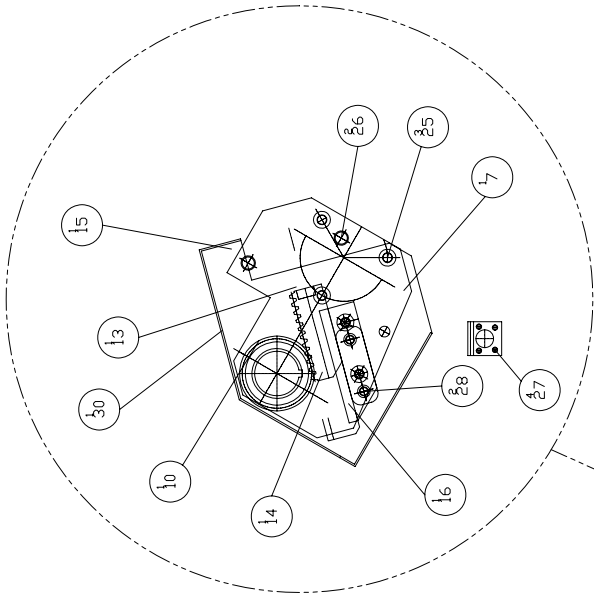
| Item  | Part NO.       | Description                     | 中文名稱           | Specification                  | Qty  | Unit |
|-------|----------------|---------------------------------|----------------|--------------------------------|------|------|
| 1.00  | NV 00077030806 | STRAIGHT, PRESTO ADAPTER        | 直型快速接頭         | PT1/4Xφ8(JPC8-02)              | 1.00 | EA   |
| 2.00  | NV 00077030901 | PRESTO ADAPTER, STRIGHT(female) | 內牙直快速接頭(母)     | PT1/4"(SF20)                   | 1.00 | EA   |
| 3.00  | NV 00077031402 | PRESTO ADAPTER, STRAIGHT MALE   | 外牙直快速接頭(公)     | PT1/4"(PM20)                   | 1.00 | EA   |
| 4.00  | NV 00107790112 | FILTER/REGULATOR UNIT           | 兩點式三點組合        | 1/4 MACP300L-8AD               | 1.00 | EA   |
| 5.00  | NV 00077030811 | STRAIGHT, PRESTO ADAPTER        | 直型快速接頭         | PT1/4xφ10(JPC10-02)            | 2.00 | EA   |
| 6.00  | NV 00077031602 | TEE ADAPTER, FEMALE&MALE        | 內外牙三通          | PT1/4"(male)xPT1/4"(female)xPT | 1.00 | EA   |
| 7.00  | NV 00077030702 | PRESTO ADAPTER, ELBOW           | 90度彎肘快速接頭      | PT1/4xφ8(JPL8-02)              | 1.00 | EA   |
| 8.00  | NV 00070070258 | TUBING, PNEUMATIC               | 風壓用管           | PU φ 10xφ 6.5(MINDMAN)4M       | 1.00 | EA   |
| 9.00  | NV 00077031806 | ELBOW, BRASS 90 DEG MALE&FEMAL  | 90度平面接頭        | 1/8"fx1/8"m(P080)              | 1.00 | EA   |
| 10.00 | NV 00070070259 | TUBING, PNEUMATIC               | 風壓用管           | PU φ 8xφ 5(MINDMAN)6.2M        | 1.00 | EA   |
| 11.00 | NV 00113350103 | MUFFLER, BREATHER               | 消音器            | PT1/4(SL-02Q)                  | 2.00 | EA   |
| 12.00 | NV 00030480101 | VALVE, 1/4 2 WAY PNEUMATIC      | 五口二位單線圈        | 1/4 SOLENOID VALVE 24V         | 2.00 | EA   |
| 13.00 | NV 001023401A  | MANIFOLD, PNEUMATIC             | 歧塊,二聯電磁閥用 M2   | M2                             | 1.00 | EA   |
| 15.00 | NV 00077031304 | PRESTO ADAPTER, ELBOW(ADJUSTAB  | 90度彎肘快速接頭(附調速) | M5xφ6(JSC6-M5A)                | 2.00 | EA   |
| 16.00 | NV 00077030712 | PRESTO ADAPTER, ELBOW           | 90度彎肘快速接頭      | PT1/4xφ6(JPL6-02)              | 2.00 | EA   |
| 17.00 | NV 00077030702 | PRESTO ADAPTER, ELBOW           | 90度彎肘快速接頭      | PT1/4xφ8(JPL8-02)              | 2.00 | EA   |
| 18.00 | NV 00077031303 | PRESTO ADAPTER, ELBOW(ADJUSTAB  | 90度彎肘快速接頭(附調速) | PT1/4xφ8(JSC8-02A)             | 2.00 | EA   |
| 19.00 | BL 000291703C  | CYLINDER (ID50)                 | 氣壓缸(ID50)      | MCMA-50-32(M)-SD-w/SENSOR      | 1.00 | ST   |
| 20.00 | NV 00108210010 | REED RELAY BASE & CLAMP         | 磁簧開關座+束帶       | BAND-MCMA-50                   | 2.00 | EA   |
| 21.00 | NV 00028340201 | REED SWITCH                     | 磁簧開關           | LY-D73L                        | 2.00 | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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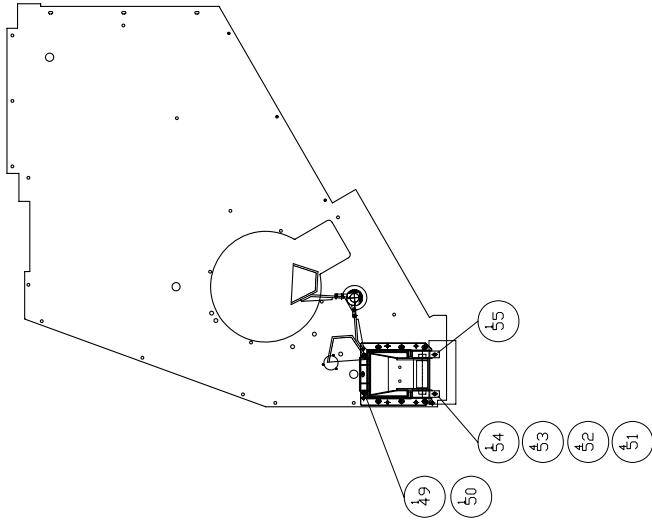
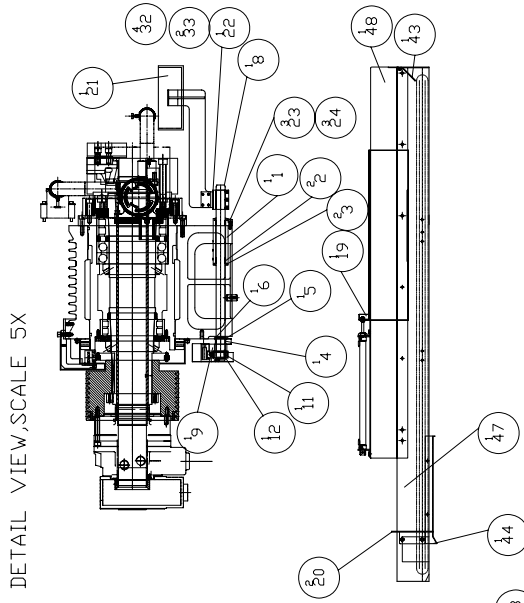
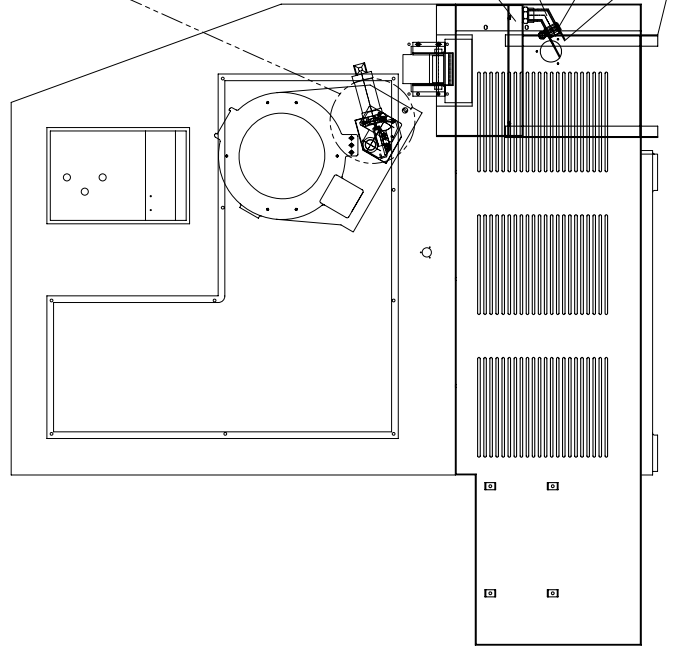
| Item Part NO.        | Description              | 中文名稱     | Specification                       | Qty  | Unit |
|----------------------|--------------------------|----------|-------------------------------------|------|------|
| 22.00 BL 000399099C  | SUPPORT                  | 支撐架      | S                                   | 2.00 | EA   |
| 23.00 NV 00028340202 | REED SWITCH              | 磁簧開關     | RCS                                 | 2.00 | EA   |
| 24.00 NV 00108210009 | REED RELAY BASE & CLAMP  | 磁簧開關座+束帶 | BAND-MCMJ-16                        | 2.00 | EA   |
| 25.00 NV 00077031702 | PLUG, SOCKET HEX.        | 塞頭       | PT1/4                               | 3.00 | EA   |
| 26.00 NV 00070070218 | TUBING, PNEUMATIC        | 風壓用管     | PU $\phi$ 6x $\phi$ 4(MINDMAN)2.5M  | 2.00 | EA   |
| 27.00 NV 00070070223 | TUBING,PNEUMATIC         | 風壓用管     | PU $\phi$ 8x $\phi$ 5(MINDMAN)2.2 M | 2.00 | EA   |
| 28.00 NV 00077030806 | STRAIGHT, PRESTO ADAPTER | 直型快速接頭   | PT1/4X $\phi$ 8(JPC8-02)            | 1.00 | EA   |
| 29.00 NV 00070070241 | TUBING, PNEUMATIC        | 風壓用管     | PU $\phi$ 8x $\phi$ 5(MINDMAN)1.5M  | 1.00 | EA   |
| 30.00 NV 00100590301 | HAND SLIDE VALVE         | 滑動開關     | PT3/8                               | 1.00 | ST   |



| REV | DESCRIPTION                    | DATE      | ECN |
|-----|--------------------------------|-----------|-----|
| A   | 標準仕様                           | 2007/4/17 | 524 |
| B   | 147801_002070032_BLA000291600C | 2007/6/29 | 654 |



DETAIL VIEW, SCALE 5X



|   |               |
|---|---------------|
| MODEL: GS200/66, GS250, SV200/66, SV250 |               |
| PART NAME                               | PART NUMBER   |
| SWING ARM PARTS CATCHER (LEFT)          | BLA000291600C |
| 工件收集器<手臂式/左出型>                          |               |
| DATE 2007/4/17                          | SCALE 1:20    |
| CHUCKY                                  | REV. B        |
| P. I. L.                                | PAGE 1 OF 1   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BLA000291600C

Description: SWING ARM PARTS CATCHER (LEFT)  
工件收集器

| Item  | Part NO.       | Description           | 中文名稱        | Specification     | Qty  | Unit |
|-------|----------------|-----------------------|-------------|-------------------|------|------|
| 1.00  | BL 000022104A  | HOUSING, PART CATCHER | 工件收集器軸襯套    | D66xL130          | 1.00 | EA   |
| 2.00  | BL 00120690101 | BUSHING, OILES        | 含油軸承        | LFB-2515          | 2.00 | EA   |
| 3.00  | BL 00101160101 | OIL SEALER            | 油封          | DS 25             | 2.00 | EA   |
| 4.00  | BL 00120690102 | BUSHING, OILES        | 含油軸承        | LFB-2510          | 1.00 | EA   |
| 5.00  | BL 000179909A  | SPACER, PARTS CATCHER | 間隔圈(收集器)    | D35X25X3          | 1.00 | EA   |
| 6.00  | BL 00082310207 | RING, C-RETAINING     | C型外扣環       | S-25              | 1.00 | EA   |
| 7.00  | BL 001066119A  | SEAT, CYLINDER        | 氣壓缸座(手臂式)   | 115*105*15        | 1.00 | EA   |
| 8.00  | BL 000022125C  | SHAFT, PART CATCHER   | 工件收集器旋轉軸    | D25xL486          | 1.00 | EA   |
| 9.00  | BL 000179907C  | SPACER, PARTS CATCHER | 間隔圈(收集器)    | D35X25X19.5       | 1.00 | EA   |
| 10.00 | BL 000620003A  | GEAR, PARTS CATCHER   | 收集器旋轉齒輪     | M1.5x26T          | 1.00 | EA   |
| 11.00 | BL 00061150104 | SUNK KEY              | (雙圓頭鍵)平行鍵   | W4*H4*L14         | 1.00 | EA   |
| 12.00 | BL 00082310207 | RING, C-RETAINING     | C型外扣環       | S-25              | 1.00 | EA   |
| 13.00 | BL 000299072A  | PLATE, CYLINDER       | 氣壓缸壓板       | 18*15*3           | 1.00 | EA   |
| 14.00 | BL 000620004A  | GEAR, PARTS CATCHER   | 收集器排齒       | M1.5xL52          | 1.00 | EA   |
| 15.00 | BL 001066120C  | SUPPORTER, CYLINDER   | 氣壓缸固定架(手臂式) | 68*49*23          | 1.00 | EA   |
| 16.00 | BL 001066121C  | SUPPORTER, GEAR       | 排齒支撐塊       | 43.5*20*65        | 1.00 | EA   |
| 19.01 | BL 000399085C  | COVER                 | 蓋           | L1056xW101.4xH106 | 1.00 | EA   |
| 20.00 | BL 000399092C  | SUPPORT               | 支撐架         | L116xW35xH31.5    | 2.00 | EA   |
| 21.00 | BL 000299073C  | CHUTE, PARTS CATCHER  | 收集器手臂       | L397xW115xH146.5  | 1.00 | EA   |
| 22.00 | BL 000179908C  | RING, PARTS CATCHER   | 收集器固定環      | D45Xd25xL77.5     | 1.00 | EA   |

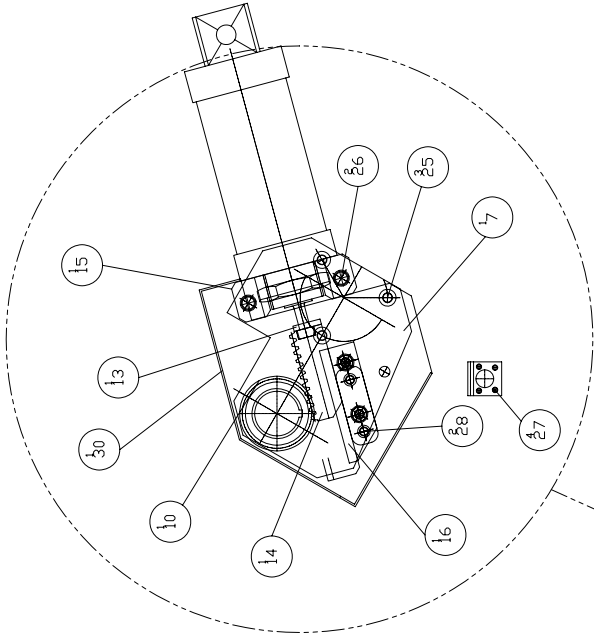
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item  | Part NO.       | Description           | 中文名稱     | Specification           | Qty  | Unit |
|-------|----------------|-----------------------|----------|-------------------------|------|------|
| 23.00 | MW 0183610     | SPRING WASHER         | 彈簧墊圈     | M6                      | 3.00 | EA   |
| 24.00 | MS 0103618     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M6xP1.0xL20             | 3.00 | EA   |
| 25.00 | MS 0103517     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL16             | 3.00 | EA   |
| 26.00 | MS 0103818     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M8xP1.25xL20            | 2.00 | EA   |
| 27.00 | MS 0103314     | SOCKET HD. CAP SCREW  | 六角穴圓頭螺絲  | M3xP0.5xL8              | 4.00 | EA   |
| 28.00 | MS 0103518     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL20             | 2.00 | EA   |
| 30.00 | BL 000399039A  | COVER, GEAV           | 齒條護蓋     | L140xW120xH51           | 1.00 | ST   |
| 32.00 | MS 0103517     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL16             | 4.00 | EA   |
| 33.00 | MS 0103518     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL20             | 2.00 | EA   |
| 35.00 | BL 00069650101 | HOSE WITH FIBER       | 明網管      | HOSEΦ1-1/4"             | 1.50 | MT   |
| 36.00 | BL 000299046A  | FILTER, BASKET        | 工件收集籃慮網  | 314*314*2               | 1.00 | EA   |
| 37.00 | MS 0103516     | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲  | M5xP0.8xL12             | 4.00 | EA   |
| 38.00 | MW 0183510     | SPRING WASHER         | 彈簧墊圈     | M5                      | 4.00 | EA   |
| 39.00 | NV 00077030517 | CONNECTOR             | 62度插心直接頭 | PT1"Xφ11/4" (62 degree) | 1.00 | EA   |
| 40.00 | NV 00069660302 | CLAMP, HOSE           | 不銹鋼管夾    | 2"                      | 1.00 | EA   |
| 42.00 | BL 000299045C  | PART COLLECTOR        | 工件收集箱    | 620X370*370             | 1.00 | EA   |
| 43.00 | BL 000599001C  | PLATE                 | 連接板      | S                       | 1.00 | EA   |
| 44.00 | BLB000599002C  | COVER                 | 護罩       | L302xW385xH33.1         | 1.00 | EA   |
| 47.00 | BLA000207003C  | PART CONVEYOR         | 出料搬送機    | SEE DRAWING             | 1.00 | ST   |
| 48.00 | BLA000399083C  | SUPPORT, CYLINDER     | 氣壓缸座     | L1081xW166xH116.5       | 1.00 | EA   |
| 49.01 | BL 000399081C  | COVER                 | 蓋        | L174xH200xT10           | 1.00 | EA   |
| 50.00 | BL 000805029C  | WIPER                 | 刮刷片      | 174X200X18              | 1.00 | EA   |
| 51.00 | MS 0303516     | BUTTON HD. SOCKET     | 六角穴半圓頭螺絲 | M5xP0.8xL12             | 4.00 | EA   |

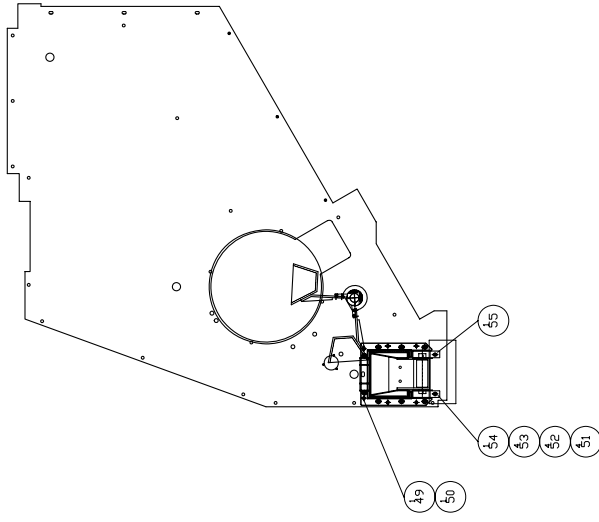
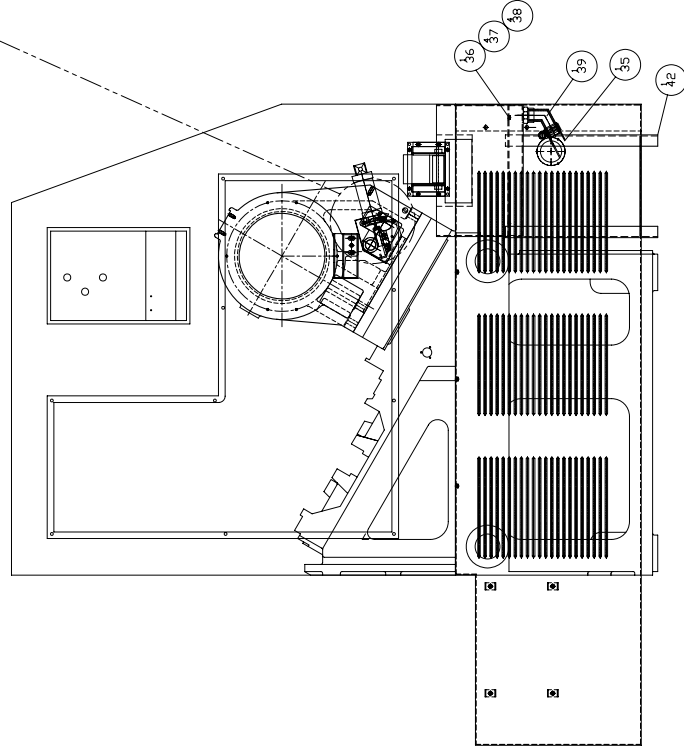
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item  | Part NO.      | Description                   | 中文名稱       | Specification | Qty  | Unit |
|-------|---------------|-------------------------------|------------|---------------|------|------|
| 52.00 | MW 0103510    | FLAT WASHER                   | 平墊圈        | M5            | 4.00 | EA   |
| 53.00 | MW 0183510    | SPRING WASHER                 | 彈簧墊圈       | M5            | 4.00 | EA   |
| 54.00 | BL 000199021C | SUPPORT, PARTS CATCHER, LEFT  | 工件收集器左側支撐座 | LWH           | 1.00 | ST   |
| 55.00 | BL 000199022C | SUPPORT, PARTS CATCHER, RIGHT | 工件收集器右側支撐座 | LWH           | 1.00 | ST   |

| REV | DESCRIPTION                 | DATE      | ECN |
|-----|-----------------------------|-----------|-----|
| A   | 新機                          | 2007/5/1  | 524 |
| B   | 147機 002070037 BLANDCATCHER | 2007/6/29 | 54  |



DETAIL VIEW, SCALE 5X



|   |               |
|---|---------------|
| MODEL: GS200/66L, GS250L, SV200/66L, SV250L |               |
| PART NAME                                   | PART NUMBER   |
| SWING ARM PARTS CATCHER (LEFT)              | BL 000291600F |
| 工件收集器<手臂式/左出型>                              | PAGE 1 OF 1   |
| DATE 2007/5/1                               | SCALE 1:20    |
| REV. B                                      |               |

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000291600F

 Description: SWING ARM PARTS CATCHER (LEFT)  
 工件收集器

| Item  | Part NO.       | Description           | 中文名稱        | Specification     | Qty  | Unit |
|-------|----------------|-----------------------|-------------|-------------------|------|------|
| 1.00  | BL 000022104A  | HOUSING, PART CATCHER | 工件收集器軸襯套    | D66xL130          | 1.00 | EA   |
| 2.00  | BL 00120690101 | BUSHING, OILES        | 含油軸承        | LFB-2515          | 2.00 | EA   |
| 3.00  | BL 00101160101 | OIL SEALER            | 油封          | DS 25             | 2.00 | EA   |
| 4.00  | BL 00120690102 | BUSHING, OILES        | 含油軸承        | LFB-2510          | 1.00 | EA   |
| 5.00  | BL 000179909A  | SPACER, PARTS CATCHER | 間隔圈(收集器)    | D35X25X3          | 1.00 | EA   |
| 6.00  | BL 00082310207 | RING, C-RETAINING     | C型外扣環       | S-25              | 1.00 | EA   |
| 7.00  | BL 001066119A  | SEAT, CYLINDER        | 氣壓缸座(手臂式)   | 115*105*15        | 1.00 | EA   |
| 8.00  | BL 000022125C  | SHAFT, PART CATCHER   | 工件收集器旋轉軸    | D25xL486          | 1.00 | EA   |
| 9.00  | BL 000179907C  | SPACER, PARTS CATCHER | 間隔圈(收集器)    | D35X25X19.5       | 1.00 | EA   |
| 10.00 | BL 000620003A  | GEAR, PARTS CATCHER   | 收集器旋轉齒輪     | M1.5x26T          | 1.00 | EA   |
| 11.00 | BL 00061150104 | SUNK KEY              | (雙圓頭鍵)平行鍵   | W4*H4*L14         | 1.00 | EA   |
| 12.00 | BL 00082310207 | RING, C-RETAINING     | C型外扣環       | S-25              | 1.00 | EA   |
| 13.00 | BL 000299072A  | PLATE, CYLINDER       | 氣壓缸壓板       | 18*15*3           | 1.00 | EA   |
| 14.00 | BL 000620004A  | GEAR, PARTS CATCHER   | 收集器排齒       | M1.5xL52          | 1.00 | EA   |
| 15.00 | BL 001066120C  | SUPPORTER, CYLINDER   | 氣壓缸固定架(手臂式) | 68*49*23          | 1.00 | EA   |
| 16.00 | BL 001066121C  | SUPPORTER, GEAR       | 排齒支撐塊       | 43.5*20*65        | 1.00 | EA   |
| 17.00 | BL 000399084C  | SUPPORT               | 支撐座         | LxWxH             | 4.00 | EA   |
| 19.01 | BL 000399085C  | COVER                 | 蓋           | L1056xW101.4xH106 | 1.00 | EA   |
| 20.00 | BL 000399092C  | SUPPORT               | 支撐架         | L116xW35xH31.5    | 2.00 | EA   |
| 21.00 | BL 000299073C  | CHUTE, PARTS CATCHER  | 收集器手臂       | L397xW115xH146.5  | 1.00 | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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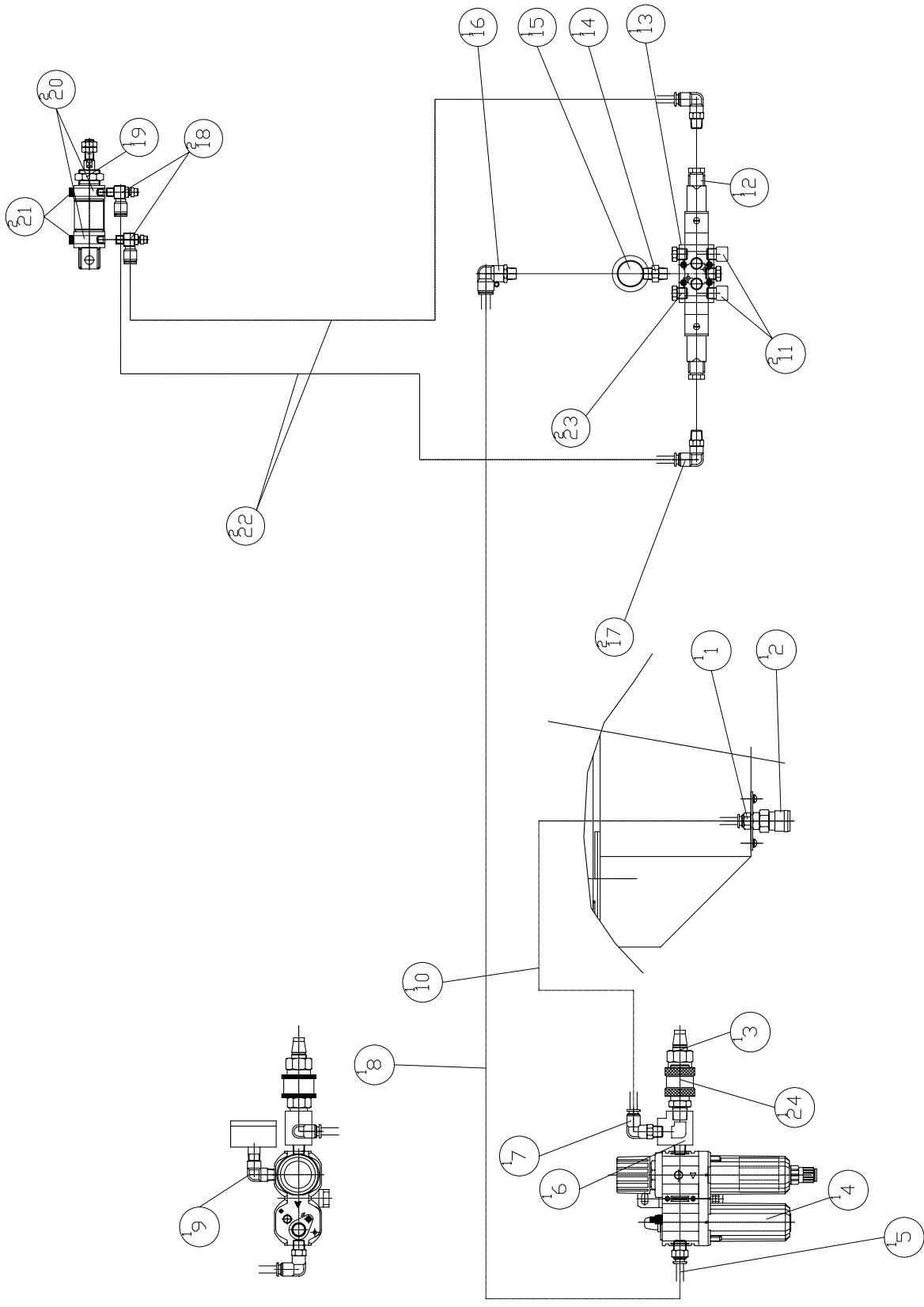
| Item Part NO. | Description    | 中文名稱                | Specification            | Qty  | Unit |
|---------------|----------------|---------------------|--------------------------|------|------|
| 22.00         | BL 000179908C  | RING, PARTS CATCHER | D45Xd25xL77.5            | 1.00 | EA   |
| 23.00         | MW 0183610     | 彈簧墊圈                | M6                       | 3.00 | EA   |
| 24.00         | MS 0103618     | 六角穴圓頭螺絲             | M6xP1.0xL20              | 3.00 | EA   |
| 25.00         | MS 0103517     | 六角穴圓頭螺絲             | M5xP0.8xL16              | 3.00 | EA   |
| 26.00         | MS 0103818     | 六角穴圓頭螺絲             | M8xP1.25xL20             | 2.00 | EA   |
| 27.00         | MS 0103314     | 六角穴圓頭螺絲             | M3xP0.5xL8               | 4.00 | EA   |
| 28.00         | MS 0103518     | 六角穴圓頭螺絲             | M5xP0.8xL20              | 2.00 | EA   |
| 30.00         | BL 000399039A  | 齒條護蓋                | L140xW120xH51            | 1.00 | ST   |
| 32.00         | MS 0103517     | 六角穴圓頭螺絲             | M5xP0.8xL16              | 4.00 | EA   |
| 33.00         | MS 0103518     | 六角穴圓頭螺絲             | M5xP0.8xL20              | 2.00 | EA   |
| 35.00         | BL 00069650101 | 明網管                 | HOSE Φ 1-1/4"            | 1.50 | MT   |
| 36.00         | BL 000299046A  | 工件收集籃慮網             | 314*314*2                | 1.00 | EA   |
| 37.00         | MS 0103516     | 六角穴圓頭螺絲             | M5xP0.8xL12              | 4.00 | EA   |
| 38.00         | MW 0183510     | 彈簧墊圈                | M5                       | 4.00 | EA   |
| 39.00         | NV 00077030517 | 62度插心直接頭            | PT1"XΦ 11/4" (62 degree) | 1.00 | EA   |
| 42.00         | BL 000299045C  | 工件收集箱               | 620X370*370              | 1.00 | EA   |
| 43.00         | BL 000599001C  | 連接板                 | S                        | 1.00 | EA   |
| 44.00         | BLB000599002C  | 護罩                  | L302xW385xH33.1          | 1.00 | EA   |
| 47.00         | BLA000207003F  | 出料搬送機               | SEE DRAWING              | 1.00 | ST   |
| 48.00         | BLA000399083C  | 氣壓缸座                | L1081xW166xH116.5        | 1.00 | EA   |
| 49.01         | BL 000399081C  | 蓋                   | L174xH200xT10            | 1.00 | EA   |
| 50.00         | BL 000805029C  | 刮刷片                 | 174X200X18               | 1.00 | EA   |
| 51.00         | MS 0303516     | 六角穴半圓頭螺絲            | M5xP0.8xL12              | 1.00 | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item  | Part NO.      | Description                   | 中文名稱       | Specification | Qty  | Unit |
|-------|---------------|-------------------------------|------------|---------------|------|------|
| 52.00 | MW 0103510    | FLAT WASHER                   | 平墊圈        | M5            | 1.00 | EA   |
| 53.00 | MW 0183510    | SPRING WASHER                 | 彈簧墊圈       | M5            | 1.00 | EA   |
| 54.00 | BL 000199021C | SUPPORT, PARTS CATCHER, LEFT  | 工件收集器左側支撐座 | LWH           | 1.00 | ST   |
| 55.00 | BL 000199022C | SUPPORT, PARTS CATCHER, RIGHT | 工件收集器右側支撐座 | LWH           | 1.00 | ST   |



| REV | DESCRIPTION    | DATE      | ENCL    |
|-----|----------------|-----------|---------|
| A   | 機架放            | 2007/4/29 | TEL0166 |
| B   | 新字體一只(原動機組件)之4 | 2007/8/21 | 74B     |



|                            |               |
|----------------------------|---------------|
| MODEL: TALENT 8/52A 10/78  | PART NUMBER   |
| PNEUMATIC PARTS(AUTO DOOR) | BL 000280406C |
| DATE 2004/11/9             | PAGE 1 OF 1   |
| SCALE 1:7                  | REV. B        |

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000280406C

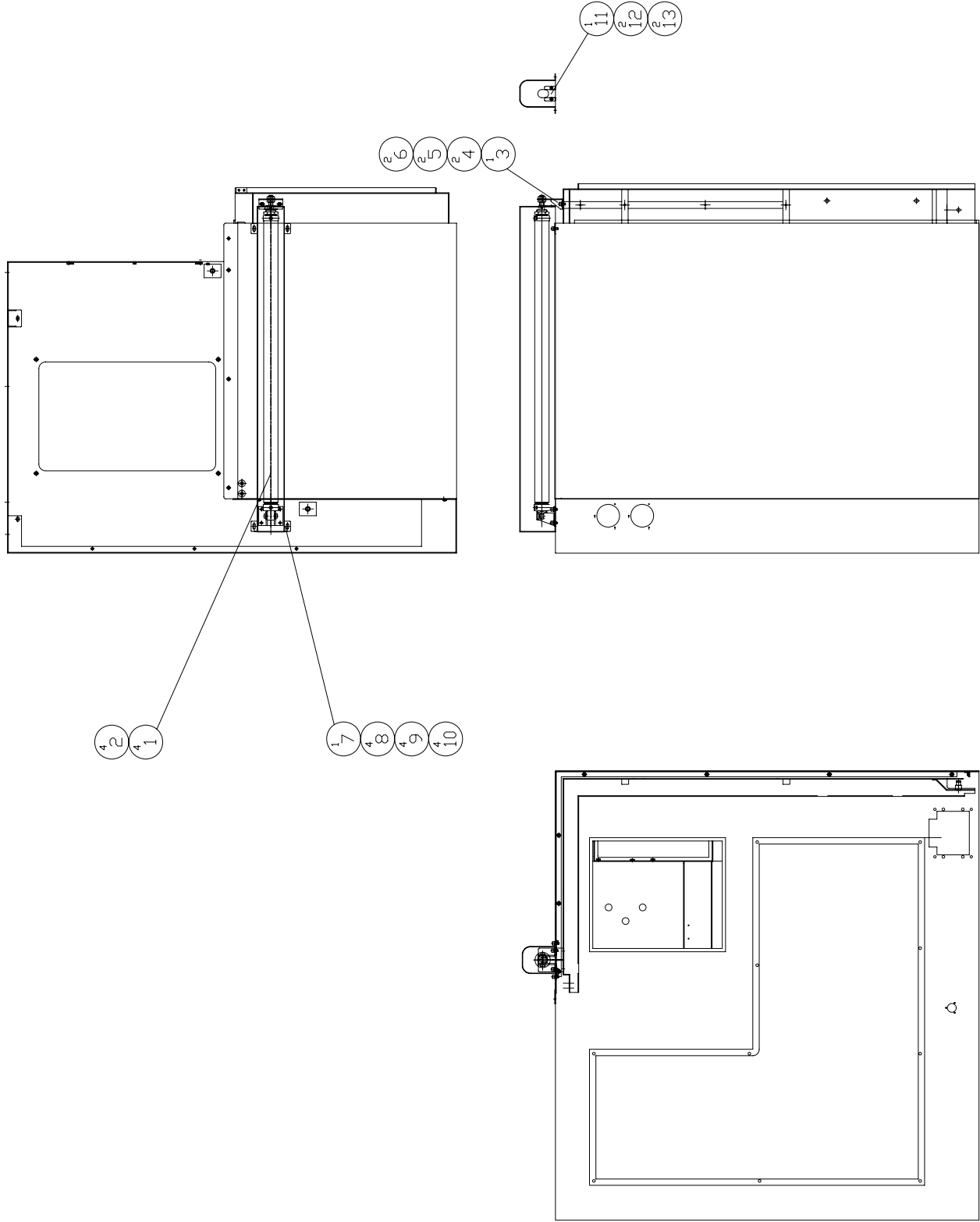
Description: PNEUMATIC PARTS(AUTO DOOR)  
氣壓零組件(自動門)

| Item  | Part NO.       | Description                     | 中文名稱                  | Specification                  | Qty  | Unit |
|-------|----------------|---------------------------------|-----------------------|--------------------------------|------|------|
| 1.00  | NV 00077030806 | STRAIGHT, PRESTO ADAPTER        | 直型快速接頭                | PT1/4Xφ8(JPC8-02)              | 1.00 | EA   |
| 2.00  | NV 00077030901 | PRESTO ADAPTER, STRIGHT(female) | 內牙直快速接頭(母)            | PT1/4"(SF20)                   | 1.00 | EA   |
| 3.00  | NV 00077031402 | PRESTO ADAPTER, STRAIGHT MALE   | 外牙直快速接頭(公)            | PT1/4"(PM20)                   | 1.00 | EA   |
| 4.00  | NV 00107790112 | FILTER/REGULATOR UNIT           | 兩點式三點組合               | 1/4 MACP300L-8AD               | 1.00 | EA   |
| 5.00  | NV 00077030811 | STRAIGHT, PRESTO ADAPTER        | 直型快速接頭                | PT1/4xφ10(JPC10-02)            | 1.00 | EA   |
| 6.00  | NV 00077031602 | TEE ADAPTER, FEMALE&MALE        | 內外牙三通                 | PT1/4"(male)xPT1/4"(female)xPT | 1.00 | EA   |
| 7.00  | NV 00077030702 | PRESTO ADAPTER, ELBOW           | 90度彎肘快速接頭             | PT1/4xφ8(JPL8-02)              | 1.00 | EA   |
| 8.00  | NV 00070070258 | TUBING, PNEUMATIC               | 風壓用管                  | PU φ 10xφ 6.5(MINDMAN)4M       | 1.00 | EA   |
| 9.00  | NV 00077031806 | ELBOW, BRASS 90 DEG MALE&FEMAL  | 90度平面接頭               | 1/8"fx1/8"m(P080)              | 1.00 | EA   |
| 10.00 | NV 00070070259 | TUBING, PNEUMATIC               | 風壓用管                  | PU φ 8xφ 5(MINDMAN)6.2M        | 1.00 | EA   |
| 11.00 | NV 00113350102 | MUFFLER, BREATHER               | 消音器                   | PT1/8                          | 2.00 | EA   |
| 12.00 | NV 00030480106 | VALVE, 1/4 2 WAY PNEUMATIC      | 五口三位中排                | 1/4 24V(MVSD-260-4E2R)         | 1.00 | EA   |
| 13.00 | NV 001023407A  | MANIFOLD, PNEUMATIC             | 歧塊,一聯電磁閥用 M1          | M1                             | 1.00 | EA   |
| 14.00 | NV 00077030206 | NIPPLE, STRAIGHT                | 立布管                   | PT1/4"XPT1/4"X30L(P012)        | 1.00 | EA   |
| 15.00 | NV 00107790109 | FINE REGULATOR                  | 迷你微壓調壓器美              | 1/4(R55-2)                     | 1.00 | EA   |
| 16.00 | NV 00077030706 | PRESTO ADAPTER, ELBOW           | 90度彎肘快速接頭             | PT1/4xφ10(JPL10-02)            | 1.00 | EA   |
| 17.00 | NV 00077030702 | PRESTO ADAPTER, ELBOW           | 90度彎肘快速接頭             | PT1/4xφ8(JPL8-02)              | 2.00 | EA   |
| 18.00 | NV 00077031301 | PRESTO ADAPTER, ELBOW(ADJUSTAB  | 90度彎肘快速接頭(附調速)        | PT1/8xφ8(JSC8-01B)             | 2.00 | EA   |
| 19.01 | BL 000291708C  | CYLINDER,AUTO DOOR              | 氣壓缸,自動門               | MCMC-ψ 40-SDB-STROKE-792       | 1.00 | ST   |
| 20.00 | NV 00108210008 | REED RELAY BASE & CLAMP (FOR L  | 磁簧開關座+束帶 (FOR LS-BD2) | E2Y BAND                       | 2.00 | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item  | Part NO.       | Description       | 中文名稱 | Specification                       | Qty  | Unit |
|-------|----------------|-------------------|------|-------------------------------------|------|------|
| 21.00 | NV 00028340200 | REED RELAY        | 磁簧開關 | LS-BD2 (LIANG YI)                   | 2.00 | EA   |
| 22.00 | NV 00070070223 | TUBING,PNEUMATIC  | 風壓用管 | PU $\phi$ 8x $\phi$ 5(MINDMAN)2.2 M | 2.00 | EA   |
| 23.00 | NV 00077031702 | PLUG, SOCKET HEX. | 塞頭   | PT1/4                               | 2.00 | EA   |
| 24.00 | NV 00100590301 | HAND SLIDE VALVE  | 滑動開關 | PT3/8                               | 1.00 | ST   |

| REV | DESCRIPTION | DATE     | ECN |
|-----|-------------|----------|-----|
| A   | 新機          | 2007/5/8 |     |



|  |               |
|--|---------------|
| MODEL: GS 200/66, GS 250, SV 200/66, SV 250, |               |
| PART NAME                                    | PART NUMBER   |
| ENCLOSURE ASSM(AUTO DOOR),                   | BL 001045306E |
| 外型板金(自動門)                                    | PAGE 1 OF 1   |
| DATE 2007/5/8                                | REV. A        |
| SCALE 1:18                                   |               |

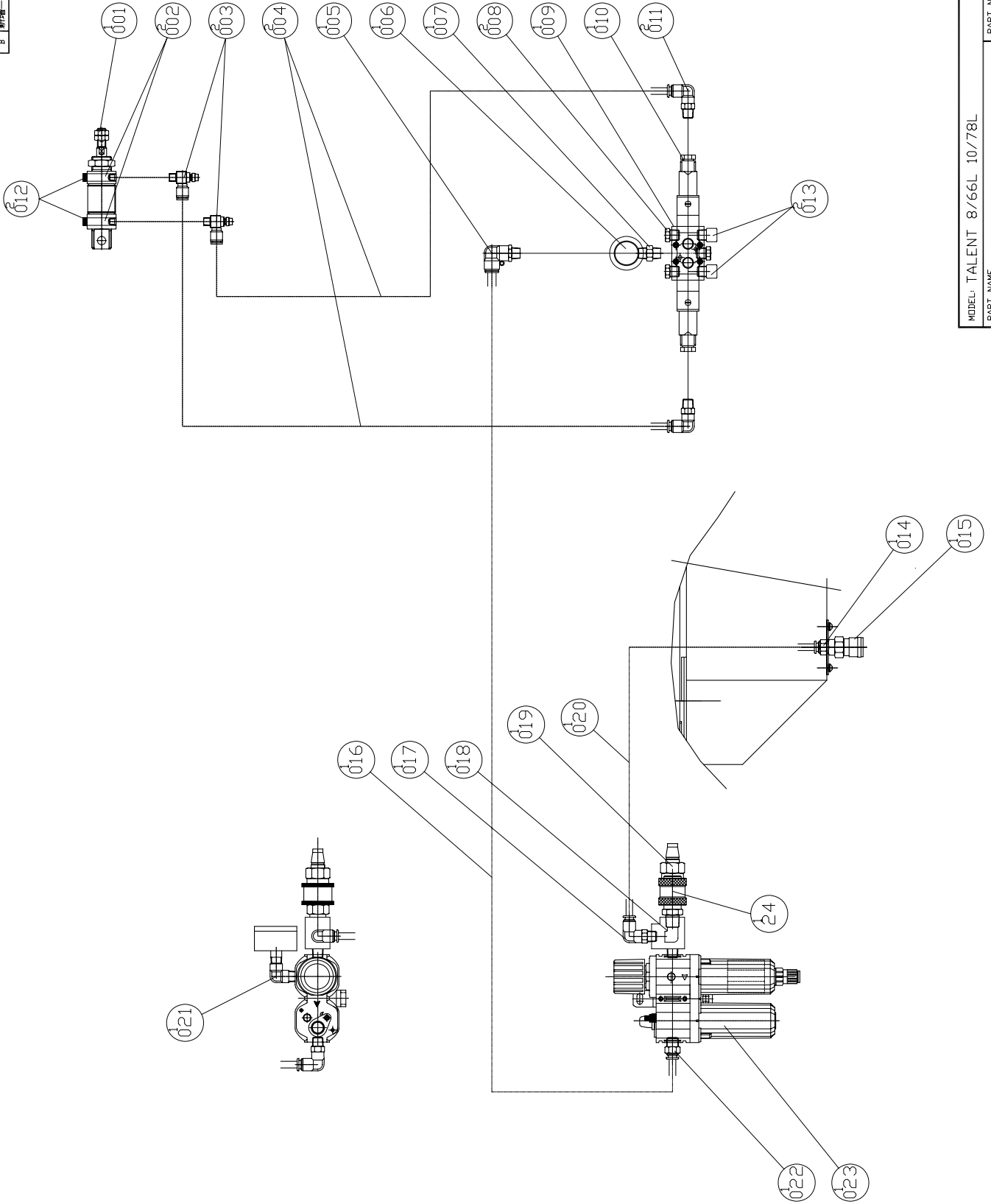
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 001045306E

Description: ENCLOSURE (AUTO DOOR,GS250)  
外型板金(自動門,GS250)

| Item  | Part NO.      | Description       | 中文名稱     | Specification     | Qty  | Unit |
|-------|---------------|-------------------|----------|-------------------|------|------|
| 1.00  | MS 0303616    | BUTTON HD. SOCKET | 六角穴半圓頭螺絲 | M6xP1.0xL12       | 4.00 | EA   |
| 2.00  | MW 0183610    | SPRING WASHER     | 彈簧墊圈     | M6                | 4.00 | EA   |
| 3.00  | BLA000399094C | BRACKET,AUTO DOOR | 自動門托架    | L77.7xW70xH32.7   | 1.00 | EA   |
| 4.00  | MS 0303616    | BUTTON HD. SOCKET | 六角穴半圓頭螺絲 | M6xP1.0xL12       | 2.00 | EA   |
| 5.00  | MW 0183610    | SPRING WASHER     | 彈簧墊圈     | M6                | 2.00 | EA   |
| 6.00  | MW 0103610    | FLAT WASHER       | 平墊圈      | M6(d6*D19*H2)     | 2.00 | EA   |
| 7.00  | BL 000399093C | COVER, CYLINDER   | 護蓋, 氣壓缸  | L:940xW:95xH:96.5 | 1.00 | EA   |
| 8.00  | MW 0103610    | FLAT WASHER       | 平墊圈      | M6(d6*D19*H2)     | 4.00 | EA   |
| 9.00  | MW 0183610    | SPRING WASHER     | 彈簧墊圈     | M6                | 4.00 | EA   |
| 10.00 | MS 0303616    | BUTTON HD. SOCKET | 六角穴半圓頭螺絲 | M6xP1.0xL12       | 4.00 | EA   |
| 11.01 | BL 000499067C | COVER,CYLINDER    | 護蓋, 氣壓缸  | L:42xW:33xH:1.6   | 1.00 | EA   |
| 12.00 | MS 0303413    | BUTTON HD. SOCKET | 六角穴半圓頭螺絲 | M4xP0.7xL6        | 2.00 | EA   |
| 13.00 | MW 0183410    | SPRING WASHER     | 彈簧墊圈     | M4                | 2.00 | EA   |

| REV | DESCRIPTION  | DATE      | ECN |
|-----|--------------|-----------|-----|
| A   | 新規格          | 2006/9/20 | 201 |
| B   | 新規格一只滑動閥組件之4 | 2007/8/21 | 748 |



|                            |               |
|----------------------------|---------------|
| MODEL: TALENT 8/66L 10/78L | PART NUMBER   |
| PART NAME                  | BL 000280406F |
| PNEUMATIC PARTS(AUTO DOOR) | PAGE 1 OF 1   |
| 氣壓零組件(自動門)                 | REV. B        |
| DATE 2006/9/20             | SCALE 1:7     |
| LAIWA                      |               |

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000280406F

Description: PNEUMATIC PARTS(AUTO DOOR)

氣壓零組件(自動門)

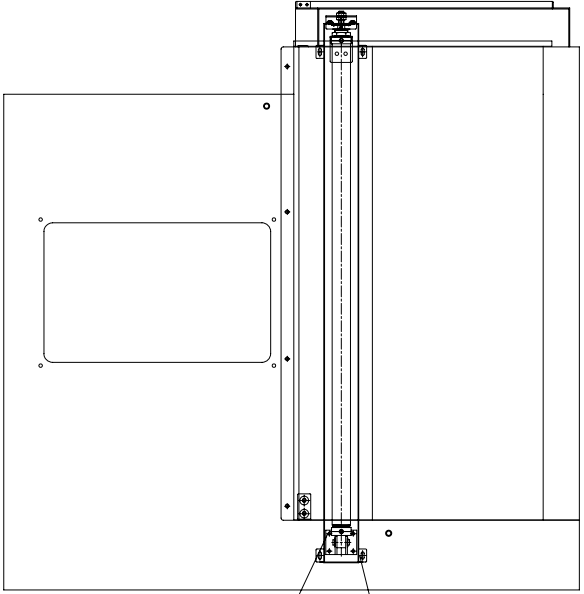
| Item  | Part NO.       | Description                    | 中文名稱                   | Specification                  | Qty  | Unit |
|-------|----------------|--------------------------------|------------------------|--------------------------------|------|------|
| 1.00  | BL 000291708F  | CYLINDER,AUTO DOOR             | 氣壓缸,自動門                | MCMA-ψ 40-SDB-STROKE-1072      | 1.00 | ST   |
| 2.00  | NV 00108210008 | REED RELAY BASE & CLAMP (FOR L | 磁簧開關座+束帶 ( FOR LS-BD2) | E2Y BAND                       | 2.00 | EA   |
| 3.00  | NV 00077031301 | PRESTO ADAPTER, ELBOW(ADJUSTAB | 90度彎肘快速接頭(附調速)         | PT1/8xφ8(JSC8-01B)             | 2.00 | EA   |
| 4.00  | NV 00070070223 | TUBING,PNEUMATIC               | 風壓用管                   | PU φ 8xφ 5(MINDMAN)2.2 M       | 2.00 | EA   |
| 5.00  | NV 00077030706 | PRESTO ADAPTER, ELBOW          | 90度彎肘快速接頭              | PT1/4xφ 10(JPL 10-02)          | 1.00 | EA   |
| 6.00  | NV 00107790109 | FINE REGULATOR                 | 迷你微壓調壓器美               | 1/4(R55-2)                     | 1.00 | EA   |
| 7.00  | NV 00077030206 | NIPPLE, STRAIGHT               | 立布管                    | PT1/4"XPT1/4"X30L(P012)        | 1.00 | EA   |
| 8.00  | NV 00077031702 | PLUG, SOCKET HEX.              | 塞頭                     | PT1/4                          | 2.00 | EA   |
| 9.00  | NV 001023407A  | MANIFOLD, PNEUMATIC            | 歧塊,一聯電磁閥用 M1           | M1                             | 1.00 | EA   |
| 10.00 | NV 00030480106 | VALVE, 1/4 2 WAY PNEUMATIC     | 五口三位中排                 | 1/4 24V(MVSD-260-4E2R)         | 1.00 | EA   |
| 11.00 | NV 00077030702 | PRESTO ADAPTER, ELBOW          | 90度彎肘快速接頭              | PT1/4xφ 8(JPL8-02)             | 2.00 | EA   |
| 12.00 | NV 00028340200 | REED RELAY                     | 磁簧開關                   | LS-BD2 (LIANG YI)              | 2.00 | EA   |
| 13.00 | NV 00113350102 | MUFFLER, BREATHER              | 消音器                    | PT1/8                          | 2.00 | EA   |
| 14.00 | NV 00077030806 | STRAIGHT, PRESTO ADAPTER       | 直型快速接頭                 | PT1/4X φ 8(JPC8-02)            | 1.00 | EA   |
| 15.00 | NV 00077030901 | PRESTO ADAPTER, STRIGHT(female | 內牙直快速接頭(母)             | PT1/4"(SF20)                   | 1.00 | EA   |
| 16.00 | NV 00070070258 | TUBING, PNEUMATIC              | 風壓用管                   | PU φ 10xφ 6.5(MINDMAN)4M       | 1.00 | EA   |
| 17.00 | NV 00077030702 | PRESTO ADAPTER, ELBOW          | 90度彎肘快速接頭              | PT1/4xφ 8(JPL8-02)             | 1.00 | EA   |
| 18.00 | NV 00077031602 | TEE ADAPTER, FEMALE&MALE       | 內外牙三通                  | PT1/4"(male)xPT1/4"(female)xPT | 1.00 | EA   |
| 19.00 | NV 00077031402 | PRESTO ADAPTER, STRAIGHT MALE  | 外牙直快速接頭(公)             | PT1/4"(PM20)                   | 1.00 | EA   |
| 20.00 | NV 00070070259 | TUBING, PNEUMATIC              | 風壓用管                   | PU φ 8xφ 5(MINDMAN)6.2M        | 1.00 | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.        | Description                    | 中文名稱    | Specification        | Qty  | Unit |
|----------------------|--------------------------------|---------|----------------------|------|------|
| 21.00 NV 00077031806 | ELBOW, BRASS 90 DEG MALE&FEMAL | 90度平面接頭 | 1/8"fx1/8"m(P080)    | 1.00 | EA   |
| 22.00 NV 00077030811 | STRAIGHT, PRESTO ADAPTER       | 直型快速接頭  | PT1/4xΦ 10(JPC10-02) | 1.00 | EA   |
| 23.00 NV 00107790112 | FILTER/REGULATOR UNIT          | 兩點式三點組合 | 1/4 MACP300L-8AD     | 1.00 | EA   |
| 24.00 NV 00100590301 | HAND SLIDE VALVE               | 滑動開關    | PT3/8                | 1.00 | ST   |



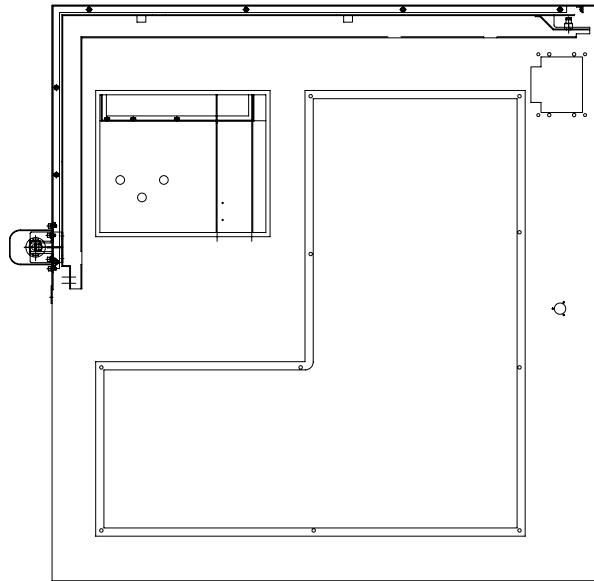
| REV | DESCRIPTION | DATE      | ECN  |
|-----|-------------|-----------|------|
| A   | 新機          | 2007/5/10 |      |
| B   | 仕様変更        | 2009/7/15 | 1005 |



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|   |               |
|---|---------------|
| MODEL: GS 200/66L, GS 250L, SV 200/66L, SV 250L |               |
| PART NAME                                       | PART NUMBER   |
| ENCLOSURE ASSM(AUTO DOOR)                       | BL 001045306F |
| 外型板金(自動門)                                       |               |
| DATE 2007/5/10                                  | SCALE 1:18    |
| REV. B  | PAGE 1 OF 1   |

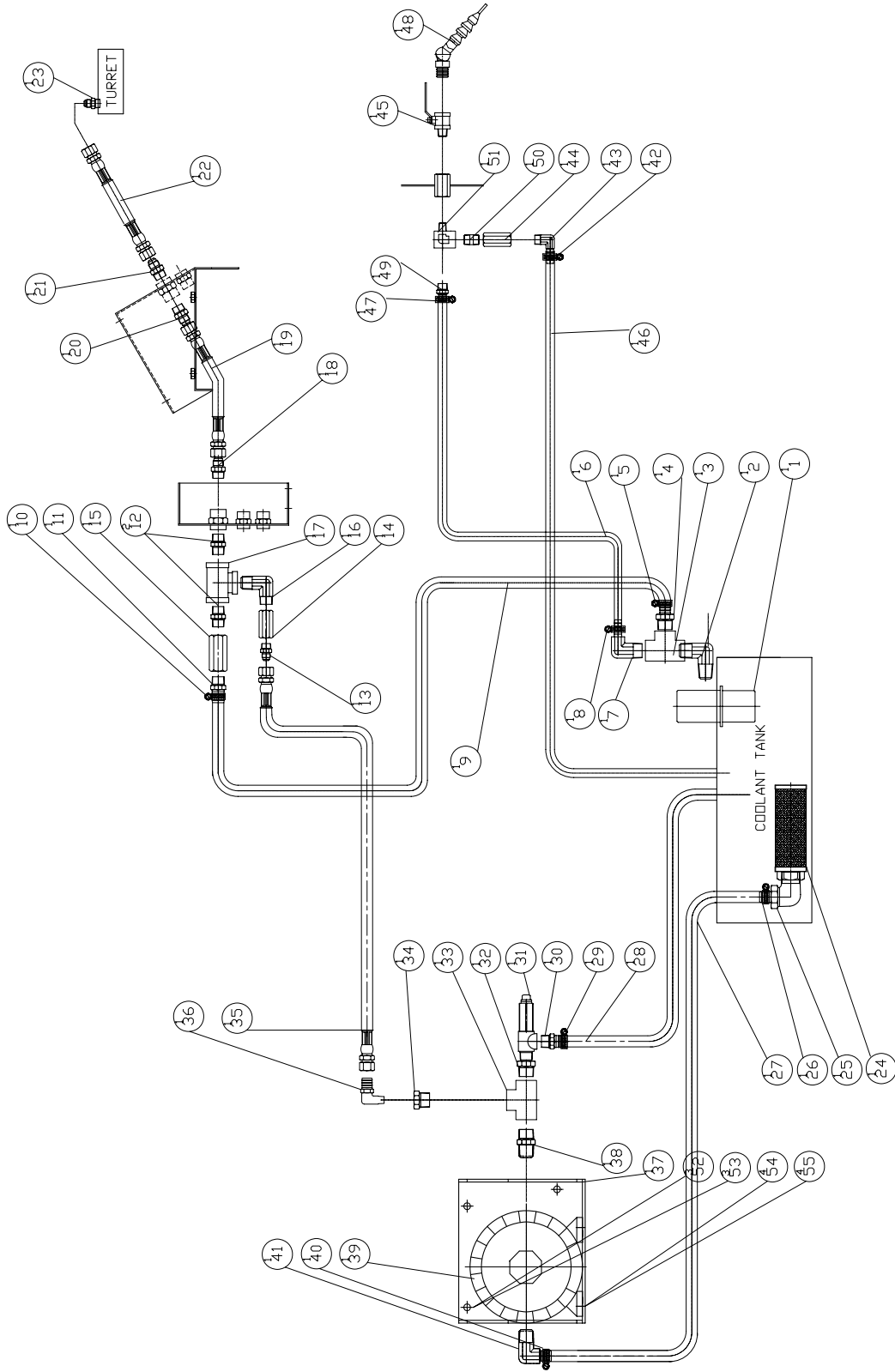
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PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 001045306F

Description: AUTO DOOR,GS250L  
自動門(GS250L)

| Item  | Part NO.      | Description       | 中文名稱     | Specification   | Qty  | Unit |
|-------|---------------|-------------------|----------|-----------------|------|------|
| 1.00  | MS 0303616    | BUTTON HD. SOCKET | 六角穴半圓頭螺絲 | M6xP1.0xL12     | 4.00 | EA   |
| 2.00  | MW 0183610    | SPRING WASHER     | 彈簧墊圈     | M6              | 4.00 | EA   |
| 3.00  | BLA000399094C | BRACKET,AUTO DOOR | 自動門托架    | L77.7xW70xH32.7 | 1.00 | EA   |
| 4.00  | MS 0303616    | BUTTON HD. SOCKET | 六角穴半圓頭螺絲 | M6xP1.0xL12     | 2.00 | EA   |
| 5.00  | MW 0183610    | SPRING WASHER     | 彈簧墊圈     | M6              | 2.00 | EA   |
| 6.00  | MW 0103610    | FLAT WASHER       | 平墊圈      | M6(d6*D19*H2)   | 2.00 | EA   |
| 7.00  | BL 000399093F | COVER, CYLINDER   | 護蓋, 氣壓缸  | L1237xW116xH105 | 1.00 | EA   |
| 8.00  | MW 0103610    | FLAT WASHER       | 平墊圈      | M6(d6*D19*H2)   | 4.00 | EA   |
| 9.00  | MW 0183610    | SPRING WASHER     | 彈簧墊圈     | M6              | 4.00 | EA   |
| 10.00 | MS 0303616    | BUTTON HD. SOCKET | 六角穴半圓頭螺絲 | M6xP1.0xL12     | 4.00 | EA   |
| 11.01 | BL 000499067C | COVER,CYLINDER    | 護蓋, 氣壓缸  | L:42xW:33xH:1.6 | 1.00 | EA   |
| 12.00 | MS 0303413    | BUTTON HD. SOCKET | 六角穴半圓頭螺絲 | M4xP0.7xL6      | 2.00 | EA   |
| 13.00 | MW 0183410    | SPRING WASHER     | 彈簧墊圈     | M4              | 2.00 | EA   |
| 14.00 | BL 000399094F | BRACKET,CYLINDER  | 氣壓缸托架    | L70xW60xH51     | 1.00 | EA   |

| REV | DESCRIPTION | DATE     | ECN  |
|-----|-------------|----------|------|
| A   |             | 2007/8/2 | 1755 |



|  |                               |             |
|--|-------------------------------|-------------|
| MODEL: TALENT 8/66 10/78   | SCALE: 1:8                    | REV: A      |
| PART NAME<br>HIGH PRESSURE PIPING PARTS(TURRET-280PSI/40PSI,SPINDLE-40PSI) | PART NUMBER<br>BL B000331002C | PAGE 1 OF 1 |
| DATE: 2007/8/2   | DRAWN<br>S.L.L.               | REV: A      |
| 高壓切削液管線(刀塔-280PSI/40PSI,主軸-40PSI)  |                               |             |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BLB000331002C

Description: HIGH PRESSURE PIPING PARTS(280  
高壓切削水管路(刀塔-280PSI/40PSI,主軸-40)

| Item  | Part NO.       | Description              | 中文名稱      | Specification              | Qty  | Unit |
|-------|----------------|--------------------------|-----------|----------------------------|------|------|
| 1.00  | BL 00033250103 | PUMP, COOLANT            | 切削水泵浦     | [GRUNDFOS] MTH2-30/3       | 1.00 | ST   |
| 2.00  | NV 00077031502 | ELBOW, 90 DEG MALE       | 90度外雙螺紋肘管 | PT3/4"Xpt3/4"              | 1.00 | EA   |
| 3.00  | NV 00077030405 | TEE UNION                | 內螺紋三通     | PT3/4"                     | 1.00 | EA   |
| 4.00  | NV 00077030504 | CONNECTOR                | 插心直接頭     | PT3/4"XΦ3/4"               | 1.00 | EA   |
| 5.00  | NV 00069660301 | CLAMP, HOSE              | 不銹鋼管夾     | 1 1/4"                     | 1.00 | EA   |
| 6.00  | BL 00069650117 | HOSE, FLEXIBLE HYDRAULIC | 耐油橡膠管     | 1/2"-1Bx8kg/cm2x1.2M       | 1.00 | EA   |
| 7.00  | NV 00077030520 | CONNECTOR, 90 DEGREE     | 90度插心接頭   | PT3/4"XΦ1/2"               | 1.00 | EA   |
| 8.00  | NV 00069660303 | CLAMP, HOSE              | 不銹鋼管夾     | 7/8"                       | 1.00 | EA   |
| 9.00  | NV 00069650191 | 3/4"-1Bx8kg/cm2(L 2.2 m) | 耐油橡膠管     | 3/4"-1Bx8kg/cm2(L 2.2 m)   | 1.00 | EA   |
| 10.00 | NV 00069660301 | CLAMP, HOSE              | 不銹鋼管夾     | 1 1/4"                     | 1.00 | EA   |
| 11.00 | NV 00077030504 | CONNECTOR                | 插心直接頭     | PT3/4"XΦ3/4"               | 1.00 | EA   |
| 12.00 | NV 00077030227 | NIPPLE, STRAIGHT         | 直接頭       | PT1/2"Xpt1/2"              | 2.00 | EA   |
| 13.00 | NV 00077030225 | NIPPLE, STRAIGHT         | 直接頭       | PT1/2"x9/16"-18UNF         | 1.00 | EA   |
| 14.00 | NV 00100590112 | CHECK VALVE, AIR         | 風壓逆止閥     | PT3/8(CV-03)               | 1.00 | EA   |
| 15.00 | BL 00100590130 | CHECK VALVE, AIR         | 風壓逆止閥     | PT1/2"(CV-04)              | 1.00 | EA   |
| 16.00 | BL 00077031505 | ELBOW 90DEG MALE         | 90度外雙螺紋肘管 | PT3/8"xPT1/2"              | 1.00 | EA   |
| 17.00 | NV 00077030406 | TEE UNION                | 內螺紋三通     | PT1/2"                     | 1.00 | EA   |
| 18.00 | NV 00077030225 | NIPPLE, STRAIGHT         | 直接頭       | PT1/2"x9/16"-18UNF         | 1.00 | EA   |
| 19.00 | BL 00069650106 | HOSE, FLEXIBLE HYDRAULIC | 耐油橡膠管     | R1-Φ3/8"Xw9/16"-18UNFx1.9M | 1.00 | EA   |
| 20.00 | NV 00077030225 | NIPPLE, STRAIGHT         | 直接頭       | PT1/2"x9/16"-18UNF         | 1.00 | EA   |

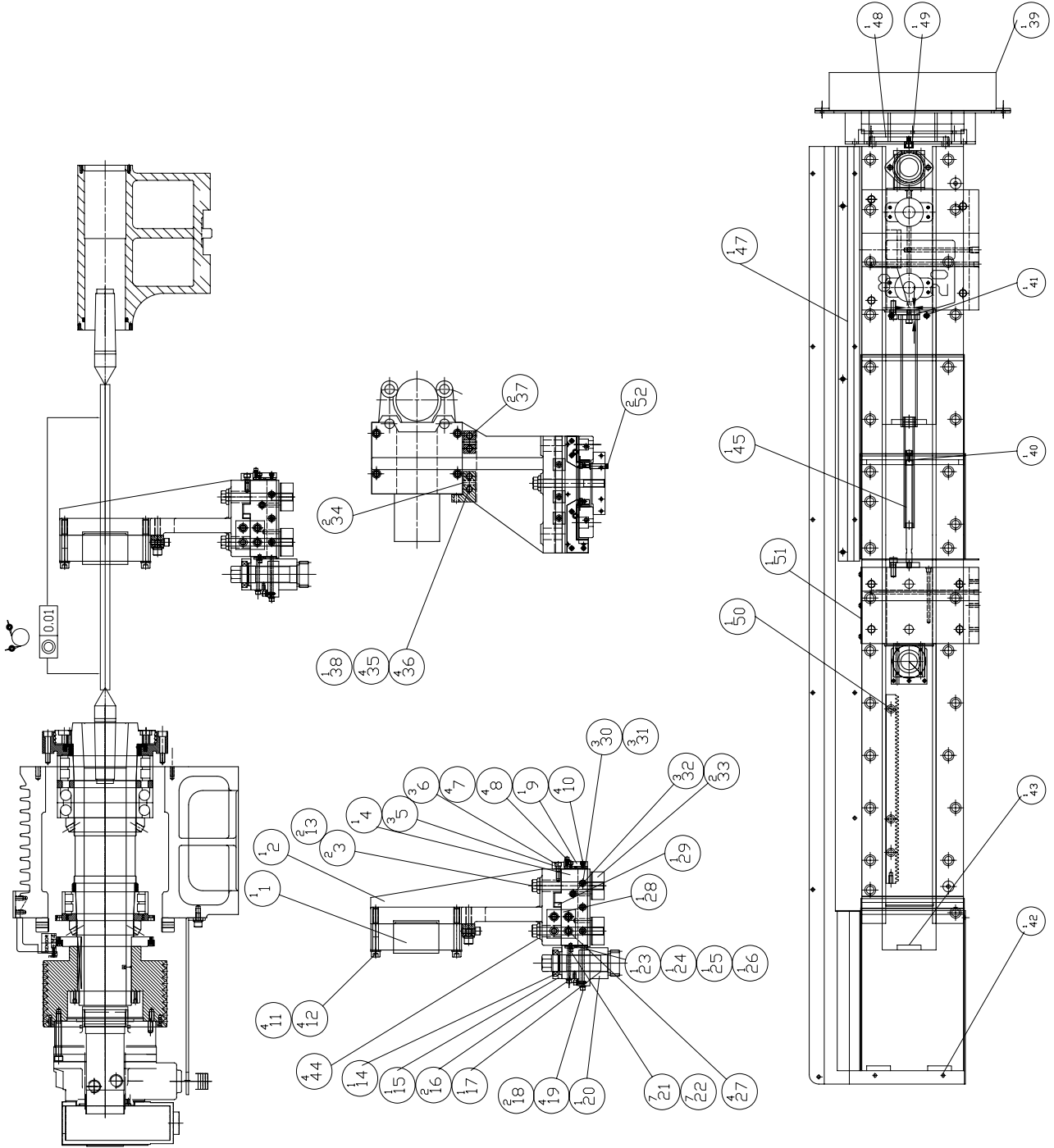
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**PRODUCT BOM MASTER AND SUB-ITEMS LIST**  
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| Item Part NO. | Description    | 中文名稱                     | Specification    | Qty  | Unit |
|---------------|----------------|--------------------------|------------------|------|------|
| 21.00         | NV 00077030225 | NIPPLE, STRAIGHT         | 直接頭              | 1.00 | EA   |
| 22.00         | BL 00069650105 | HOSE, FLEXIBLE HYDRAULIC | 耐油橡膠管            | 1.00 | EA   |
| 23.00         | BL 00077030201 | NIPPLE, STRAIGHT         | 直接頭              | 1.00 | EA   |
| 24.00         | NV 001161411A  | FILTER                   | 濾油網              | 1.00 | EA   |
| 25.00         | NV 00077030510 | CONNECTOR, 90 DEGREE     | 90度插心接頭          | 1.00 | EA   |
| 26.00         | NV 00069660304 | CLAMP, HOSE (20kg/cm^2)  | 不銹鋼管夾(20kg/cm^2) | 1.00 | EA   |
| 27.00         | NV 00069650150 | HOSE, FLEXIBLE HYDRAULIC | 耐油橡膠管            | 1.00 | EA   |
| 28.00         | BL 00069650114 | HOSE, FLEXIBLE HYDRAULIC | 耐油橡膠管            | 1.00 | EA   |
| 29.00         | NV 00069660301 | CLAMP, HOSE              | 不銹鋼管夾            | 1.00 | EA   |
| 30.00         | NV 00077030503 | CONNECTOR                | 插心直接頭            | 1.00 | EA   |
| 31.00         | NV 00100590114 | RELIEVE VALVE            | 洩載閥              | 1.00 | EA   |
| 32.00         | NV 00077031218 | BUSHING                  | 卜申接頭             | 1.00 | EA   |
| 33.00         | NV 00077030405 | TEE UNION                | 內螺紋三通            | 1.00 | EA   |
| 34.00         | NV 00077031218 | BUSHING                  | 卜申接頭             | 1.00 | EA   |
| 35.00         | BL 00069650106 | HOSE, FLEXIBLE HYDRAULIC | 耐油橡膠管            | 1.00 | EA   |
| 36.00         | BL 00077030506 | CONNECTOR                | 90度肘管接頭          | 1.00 | EA   |
| 37.00         | BLA000299071C  | SEAT, COOLANT PUMP       | 切削水泵座            | 1.00 | EA   |
| 38.00         | NV 00077030228 | NIPPLE, STRAIGHT         | 直接頭              | 1.00 | EA   |
| 39.00         | NVA00033250102 | PUMP, COOLANT            | 直結泵浦(接線盒轉180度)   | 1.00 | ST   |
| 40.00         | NV 00069660304 | CLAMP, HOSE (20kg/cm^2)  | 不銹鋼管夾(20kg/cm^2) | 1.00 | EA   |
| 41.00         | NV 00077030510 | CONNECTOR, 90 DEGREE     | 90度插心接頭          | 1.00 | EA   |
| 42.00         | NV 00069660303 | CLAMP, HOSE              | 不銹鋼管夾            | 1.00 | EA   |
| 43.00         | NV 00077030521 | CONNECTOR, 90 DEGREE     | 90度插心接頭          | 1.00 | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item  | Part NO.       | Description              | 中文名稱      | Specification              | Qty  | Unit |
|-------|----------------|--------------------------|-----------|----------------------------|------|------|
| 44.00 | NV 00100590112 | CHECK VALVE, AIR         | 風壓逆止閥     | PT3/8(CV-03)               | 1.00 | EA   |
| 45.00 | NV 00100590304 | VALVE, COOLANT           | 內外牙考克     | PT3/8"                     | 1.00 | EA   |
| 46.00 | BL 00069650118 | HOSE, FLEXIBLE HYDRAULIC | 耐油橡膠管     | 1/2"-1Bx8kg/cm2x5.5M       | 1.00 | EA   |
| 47.00 | NV 00069660301 | CLAMP, HOSE              | 不銹鋼管夾     | 1 1/4"                     | 1.00 | EA   |
| 48.00 | NV 00070110103 | NOZZLE, COOLANT          | 冷卻水噴嘴(扁嘴) | PT3/8"X13P(LAMELLIROSTRAL) | 1.00 | EA   |
| 49.00 | NV 00077030522 | CONNECTOR                | 插心直接頭     | PT3/8"XΦ1/2"               | 1.00 | ST   |
| 50.00 | NV 00077030219 | NIPPLE, STRAIGHT         | 直接頭       | PT3/8"TxPT3/8"t(P013)      | 1.00 | EA   |
| 51.00 | NV 00077031603 | TEE ADAPTER, FEMALE&MALE | 內外牙三通     | PT3/8mxPT3/8fxPT3/8f(P104) | 1.00 | EA   |
| 52.00 | MS 0104019     | SOCKET HEAD CAP SCREW    | 六角穴圓頭螺絲   | M10xP1.5xL25               | 3.00 | EA   |
| 53.00 | MW 0184010     | SPRING WASHER            | 彈簧墊圈      | M10                        | 3.00 | EA   |
| 54.00 | MS 0154018     | HEX HD. FULL THD         | 六角頭螺絲     | M10XP1.5XL20(FULL THD)     | 4.00 | EA   |
| 55.00 | MW 0184010     | SPRING WASHER            | 彈簧墊圈      | M10                        | 4.00 | EA   |

| REV | DESCRIPTION   | DATE       | ECN |
|-----|---------------|------------|-----|
| A   | 機軸放           | 2005/11/20 | 274 |
| B   | 142,43機軸L>BLA | 2005/11/20 | 966 |



|                                   |                  |
|-----------------------------------|------------------|
| MODEL: TALENT 8/66L 10/78L        | SCALE: 1:10      |
| PART NAME<br>STEADY REST ASSEMBLY | REV: B           |
| PART NUMBER<br>BL 00000401F       | PAGE 1 OF 1      |
| 自由座中心架                            | DATE: 2005/11/20 |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000000401F

Description: STEADY REST ASSEMBLY  
油壓中心架

| Item  | Part NO.       | Description              | 中文名稱                    | Specification             | Qty  | Unit |
|-------|----------------|--------------------------|-------------------------|---------------------------|------|------|
| 1.00  | BL 000001101C  | STEADY REST              | 手動中心架                   | [SMW-AUTOBLOCK]SLU-M2     | 1.00 | ST   |
| 2.00  | BL 000026207F  | BRACKET, STEAD REST      | 中心架座                    | L280xW163xH423.5          | 1.00 | EA   |
| 1.00  | BL 300026207F  | BRACKET, STEAD REST      | 中心架座                    | L280xW163xH423.5          | 1.00 | EA   |
| 3.00  | MS 0164637     | HEX HD.PART THREAD       | 六角頭螺絲                   | M16xL150                  | 2.00 | EA   |
| 4.00  | BL 000026205C  | BED, STEAD REST          | 中心架底座                   | L245xW160xH74             | 1.00 | EA   |
| 1.00  | BL 300026205C  | BED, STEAD REST          | 中心架底座                   | L251xW166xH77             | 1.00 | EA   |
| 5.00  | BL 001059007A  | GIB                      | 楔塊                      | L25xW25xH14.5             | 3.00 | EA   |
| 6.00  | MS 0103819     | SOCKET HEAD CAP SCREW    | 六角穴圓頭螺絲                 | M8xP1.25xL25              | 3.00 | EA   |
| 7.00  | MS 0303516     | BUTTON HD. SOCKET        | 六角穴半圓頭螺絲                | M5xP0.8xL12               | 4.00 | EA   |
| 8.00  | MW 0183510     | SPRING WASHER            | 彈簧墊圈                    | M5                        | 4.00 | EA   |
| 9.00  | BL 000026209F  | LINKAGE PLATE,STEAD REST | 中心架連接板                  | L245xW49xH10              | 1.00 | EA   |
| 10.00 | MS 0103516     | SOCKET HEAD CAP SCREW    | 六角穴圓頭螺絲                 | M5xP0.8xL12               | 4.00 | EA   |
| 11.00 | MS 0104231     | SOCKET HEAD CAP SCREW    | 六角穴圓頭螺絲                 | M12xP1.75xL90 (FULL THD.) | 4.00 | EA   |
| 12.00 | MW 0184210     | SPRING WASHER            | 彈簧墊圈                    | M12                       | 4.00 | EA   |
| 13.00 | MW 0104610     | FLAT WASHER              | 平墊圈                     | M16                       | 6.00 | EA   |
| 14.00 | NV 00101160208 | OIL SEALER               | 油封                      | TC35x55x11                | 1.00 | EA   |
| 15.00 | BL 001011573F  | COVER                    | 蓋                       | L65xW65xH19               | 1.00 | EA   |
| 16.00 | S5100100059    | A                        | 圓頭六角穴螺絲(M6*P1.0*90L-全牙) | 圓頭六角穴螺絲(M6*P1.0*90L-全牙)   | 2.00 | EA   |
| 17.00 | BL 000620019F  | GEAR                     | 齒輪                      | D55xL162.6(M2.5x20T)      | 1.00 | EA   |
| 18.00 | S2100100001    | CAP                      | 六角穴圓頭螺                  | 六角穴圓頭螺 M6*L100            | 2.00 | EA   |



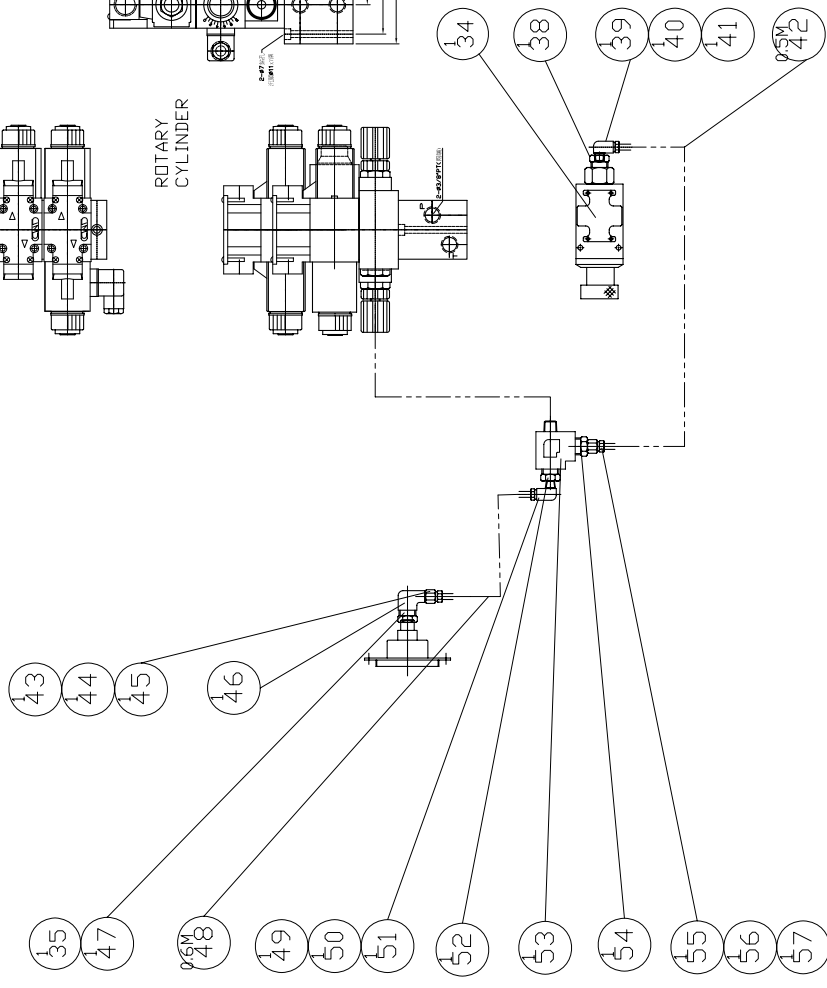
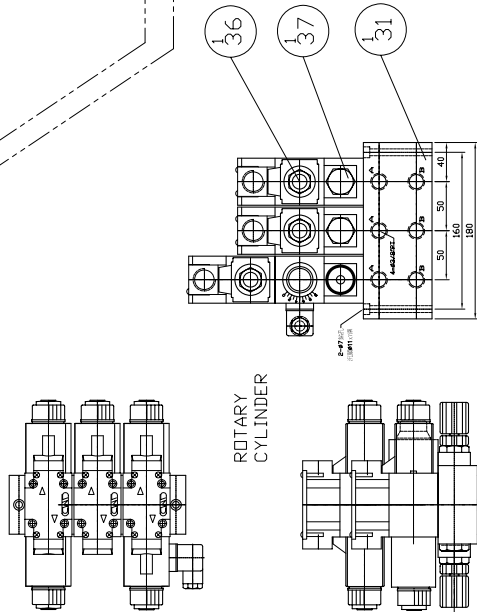
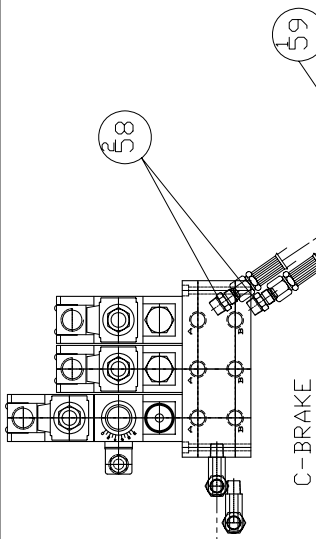
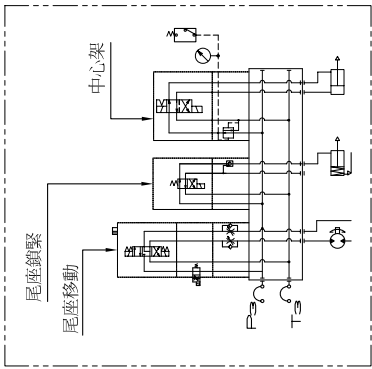
PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item  | Part NO.       | Description                     | 中文名稱           | Specification  | Qty  | Unit |
|-------|----------------|---------------------------------|----------------|----------------|------|------|
| 19.00 | MW 0183610     | SPRING WASHER                   | 彈簧墊圈           | M6             | 4.00 | EA   |
| 20.00 | BL 000042302F  | WHEEL BASE                      | 尾座輪座           | W              | 1.00 | EA   |
| 1.00  | BL 300042302F  | WHEEL BASE                      | 尾座輪座           | W              | 1.00 | EA   |
| 21.00 | MS 0103516     | SOCKET HEAD CAP SCREW           | 六角穴圓頭螺絲        | M5xP0.8xL12    | 7.00 | EA   |
| 22.00 | MW 0183510     | SPRING WASHER                   | 彈簧墊圈           | M5             | 7.00 | EA   |
| 23.00 | BL 000199041C  | RETAINER, WIPER                 | 壓板             | L65xW47xH2.3   | 1.00 | EA   |
| 24.00 | BL 000199040C  | RETAINER, WIPER                 | 壓板             | L112xW45xH2.3  | 1.00 | EA   |
| 25.00 | BL 000805023F  | WIPER                           | 刮刷片            | L112xW45xH2    | 1.00 | EA   |
| 26.00 | BL 000805024F  | WIPER                           | 刮刷片            | L65xW47xH2     | 1.00 | EA   |
| 27.00 | MS 0104220     | SOCKET HEAD CAP SCREW           | 六角穴圓頭螺絲        | M12xP1.75xL30  | 4.00 | EA   |
| 28.00 | BL 000022102C  | BRACKET                         | 固定塊            | L60xW54xH20    | 1.00 | EA   |
| 29.00 | BL 001059010C  | ADJUSTING BLOCK                 | 調整塊            | L239xW14.5xH10 | 1.00 | EA   |
| 30.00 | BL 000668403C  | SOC SET, HALF DOG               | 桿頭端固定螺絲        | M8XP1.25XL35   | 3.00 | EA   |
| 31.00 | MN 0113810     | HEXAGON NUT                     | 六角螺帽           | M8xP1.25       | 3.00 | EA   |
| 32.00 | NV 00077030101 | NIPPLE, GREASE FEED             | 牛油嘴            | PT1/8          | 3.00 | EA   |
| 33.01 | BL 001059008C  | BLOCK, CLAMPING                 | 鎖緊塊            | L135xW58xH27   | 2.00 | EA   |
| 34.00 | MS 0104021     | SOCKET HEAD CAP SCREW           | 六角穴圓頭螺絲        | M10xP1.5xL35   | 2.00 | EA   |
| 35.00 | MS 0104226     | SOCKET HEAD CAP SCREW           | 六角穴圓頭螺絲        | M12xP1.75xL60  | 4.00 | EA   |
| 36.00 | MW 0184210     | SPRING WASHER                   | 彈簧墊圈           | M12            | 4.00 | EA   |
| 38.00 | BL 000022100F  | BRACKET                         | 固定塊            | L64xW51xH25.4  | 1.00 | EA   |
| 39.00 | BL 000599010F  | COVER, REEL TYPE(WITH STEADREST | 捲筒式護罩(有中心架)    | L900xW410xH80  | 1.00 | EA   |
| 40.00 | BL 000599014F  | SLIDE, UPPER(COVER, REEL TYPE)  | 滑道上伸縮護蓋(中心架使用) | L250xW52xH2    | 1.00 | EA   |
| 41.01 | BL 000599015F  | SLIDE(COVER, REEL TYPE)         | 滑道伸縮護蓋(中心架使用)  | L240xW113xH2   | 1.00 | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item  | Part NO.      | Description                    | 中文名稱            | Specification    | Qty  | Unit |
|-------|---------------|--------------------------------|-----------------|------------------|------|------|
| 42.01 | BLA000599016F | SLIDE,FRONT(COVER,REEL TYPE)   | 滑道前端伸縮護蓋(中心架使用) | L1967xW327.5xt2  | 1.00 | EA   |
| 43.01 | BLA000599017F | TAILSTOCK,FRONT(COVER,REEL TYP | 尾座前伸縮護蓋(中心架使用)  | L700xW112.5xH2   | 1.00 | EA   |
| 44.00 | MS 0164628    | HEX HD.PART THREAD             | 六角頭螺絲           | M16xL70          | 4.00 | EA   |
| 45.00 | BL 001011586F | ASSEMBLY,TELESCOPIC MODULE     | 連動件組合圖          | ASSM             | 1.00 | ST   |
| 1.00  | MS 0103518    | SOCKET HEAD CAP SCREW          | 六角穴圓頭螺絲         | M5xP0.8xL20      | 1.00 | EA   |
| 2.00  | MS 0103818    | SOCKET HEAD CAP SCREW          | 六角穴圓頭螺絲         | M8xP1.25xL20     | 2.00 | EA   |
| 3.00  | MS 0104018    | SOCKET HEAD CAP SCREW          | 六角穴圓頭螺絲         | M10xP1.5xL20     | 4.00 | EA   |
| 4.00  | BL 001011582F | BAR,TELESCOPIC                 | 伸縮桿             | D15.8xL221.5     | 1.00 | EA   |
| 5.00  | BL 001011583F | PIPE,TELESCOPIC                | 伸縮管             | D27xd12xL232     | 1.00 | EA   |
| 6.00  | BL 001011584F | PIPE,TELESCOPIC                | 伸縮管             | 65x44x235        | 1.00 | EA   |
| 7.00  | BL 001011585F | LINKAGE PLATE                  | 連接板             | L65xW65xT10      | 1.00 | EA   |
| 8.00  | BL 000691607F | BUMPER                         | 止動環             | D14.8xd5.5xL41   | 1.00 | EA   |
| 47.00 | BL 000599072F | CHIP GUARD(STEADY REST)        | 擋屑板(中心架)        | L870xW44.8xH15.6 | 1.00 | ST   |
| 48.00 | BLA000399076C | BRACKET                        | 支撐架             | L168xW30xH20     | 1.00 | ST   |
| 49.00 | BL 000691607C | BUMPER                         | 止動環             | d5.5xD20xL11     | 1.00 | ST   |
| 50.00 | BL 000620022F | RACK, STEADY REST              | 排齒(中心架)         | L396xW20xH10     | 1.00 | EA   |
| 51.00 | BL 000299090F | PLATE                          | 護蓋              | L166xW19xH2.3    | 1.00 | EA   |
| 52.01 | BL 000199006F | PIN, CLAMPING BLOCK            | 鎖緊塊定位銷          | D10xd6xL48       | 2.00 | EA   |

| REV | DESCRIPTION | DATE       | ECN     |
|-----|-------------|------------|---------|
| A   |             | 2003/12/25 | TBL0166 |
| B   |             | 2007/7/5   | 673     |



TAILSTOCK

TAILSTOCK  
CARTRIDGE

|   |
|---|
| MODEL: GS 200/66&250 GS200/66L&250L SV200/66&250 SV200/66L&250L |
| PART NAME<br>HYDRAULIC PIPE LAYOUT(STEADY REST)                 |
| PART NUMBER<br>BL 000013329C                                    |
| 油壓管路(中心架)   |
| DATE 2003/12/25   |
| SCALE 1:8   |
| PAGE 1 OF 1   |
| REV. B  |

# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000013329C

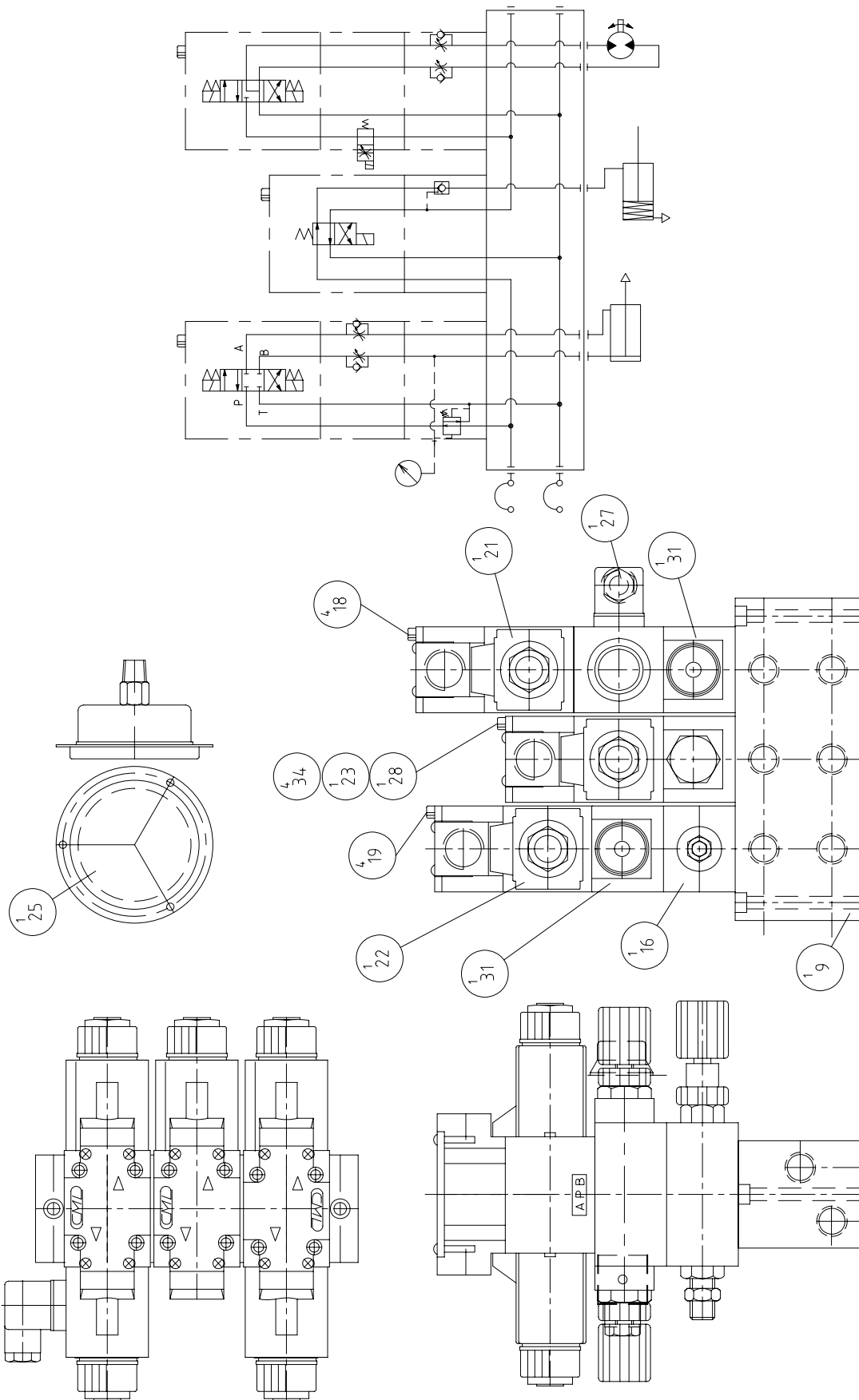
Description: HYDRAULIC UNIT(STEADY REST)  
油壓管路(中心架)

| Item  | Part NO.       | Description                    | 中文名稱          | Specification              | Qty  | Unit |
|-------|----------------|--------------------------------|---------------|----------------------------|------|------|
| 31.00 | BL 00029170405 | manifold block                 | 油壓塊           | 02-3                       | 1.00 | ST   |
| 33.00 | NV 00077030208 | NIPPLE, STRAIGHT               | 直接頭           | PT3/8x9/16-18UNF           | 1.00 | EA   |
| 34.00 | BL 00100590115 | pressure switch                | 壓力開關          | CPS-70                     | 1.00 | EA   |
| 35.00 | BL 00115370102 | embeded press. Gauge           | 埋入式壓力計        | φ 60x70kgf/cm <sup>2</sup> | 1.00 | EA   |
| 36.00 | BL 00030480101 | solenoid valve                 | 電磁閥           | G02-D2-A110                | 1.00 | EA   |
| 37.00 | BL 00100590104 | reducing valve                 | 積層式減壓閥        | MBR-02-P1-K-51-16          | 1.00 | EA   |
| 38.00 | NV 00077031215 | BUSHING                        | 卜申接頭          | PT1/4"mxPT1/8"f            | 1.00 | EA   |
| 39.00 | NV 00069660401 | THIMBLE, BRASS                 | 套管            | φ6                         | 1.00 | EA   |
| 40.00 | NV 00077031102 | THIMBLE NUT, BRASS             | 套管帽           | M10xφ6.1                   | 1.00 | EA   |
| 41.00 | NV 00077031801 | ELBOW, BRASS 90DEG MALE&FEMALE | 90度內外雙螺紋肘管    | PT1/8"xM10                 | 1.00 | EA   |
| 42.00 | BL 00070070301 | TUBING, NYLON(HI-PRESSURE 80BA | 尼龍油管(耐壓80BAR) | D6Xd3                      | 1.00 | MT   |
| 43.00 | NV 00069660401 | THIMBLE, BRASS                 | 套管            | φ6                         | 1.00 | EA   |
| 44.00 | NV 00077031102 | THIMBLE NUT, BRASS             | 套管帽           | M10xφ6.1                   | 1.00 | EA   |
| 45.00 | NV 00077031201 | BUSHING, BRASS                 | 卜申接頭          | PT1/8xM10xP1               | 1.00 | EA   |
| 46.00 | NV 00077030301 | ELBOW, BRASS 90 DEG FEMALE     | 90度內雙螺紋肘管     | PT1/4xPT1/4(P085)          | 1.00 | EA   |
| 47.00 | NV 00077031215 | BUSHING                        | 卜申接頭          | PT1/4"mxPT1/8"f            | 1.00 | EA   |
| 48.00 | BL 00070070301 | TUBING, NYLON(HI-PRESSURE 80BA | 尼龍油管(耐壓80BAR) | D6Xd3                      | 1.00 | MT   |
| 49.00 | NV 00069660401 | THIMBLE, BRASS                 | 套管            | φ6                         | 1.00 | EA   |
| 50.00 | NV 00077031102 | THIMBLE NUT, BRASS             | 套管帽           | M10xφ6.1                   | 1.00 | EA   |
| 51.00 | NV 00077031801 | ELBOW, BRASS 90DEG MALE&FEMALE | 90度內外雙螺紋肘管    | PT1/8"xM10                 | 1.00 | EA   |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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| Item Part NO.        | Description              | 中文名稱                  | Specification               | Qty  | Unit |
|----------------------|--------------------------|-----------------------|-----------------------------|------|------|
| 52.00 NV 00077031215 | BUSHING                  | 卜申接頭                  | PT1/4"mxPT1/8"f             | 1.00 | EA   |
| 53.00 NV 00077031603 | TEE ADAPTER, FEMALE&MALE | 內外牙三通                 | PT3/8mxPT3/8fxPT3/8f(P104)  | 1.00 | EA   |
| 54.00 NV 00077031219 | BUSHING                  | 卜申接頭                  | PT3/8(MALE)"PTx1/8"(FEMALE) | 1.00 | EA   |
| 55.00 NV 00077031201 | BUSHING, BRASS           | 卜申接頭                  | PT1/8xM10xP1                | 1.00 | EA   |
| 56.00 NV 00077031102 | THIMBLE NUT, BRASS       | 套管帽                   | M10xΦ6.1                    | 1.00 | EA   |
| 57.00 NV 00069660401 | THIMBLE, BRASS           | 套管                    | Φ6                          | 1.00 | EA   |
| 58.00 NV 00077030208 | NIPPLE, STRAIGHT         | 直接頭                   | PT3/8x9/16-18UNF            | 1.00 | EA   |
| 59.00 BL 00069650129 | HOSE, FLEXIBLE HYDRAULIC | 耐油橡膠管(外覆鋼絲)           | R1-Φ3/8"Xw9/16"-18UNFX3.8M  | 1.00 | EA   |
| 60.00 BL 00069650130 | HOSE, FLEXIBLE HYDRAULIC | 耐油橡膠管(外覆鋼絲)(一直一90度加長) | R1-Φ3/8"Xw9/16"-18UNFX3.8M  | 1.00 | EA   |

| REV | DESCRIPTION | DATE      | ECL     |
|-----|-------------|-----------|---------|
| 0   | 零件繪圖 磁式機組   | 2005/8/29 | RBF0000 |



|   |
|---|
| MODEL: TALENT 8/66L 10/78L  |
| PART NAME<br>HYDRAULIC STEADY REST + AUTO ST WITH CE (SOLENOID)<br>油壓中心架+可程式尾座(電磁機組, CE版) |
| PART NUMBER<br>BL 000013366F  |
| PAGE 1 OF 1   |
| REV. 0  |
| DATE 2005/8/29  |
| SCALE 1:3.5   |

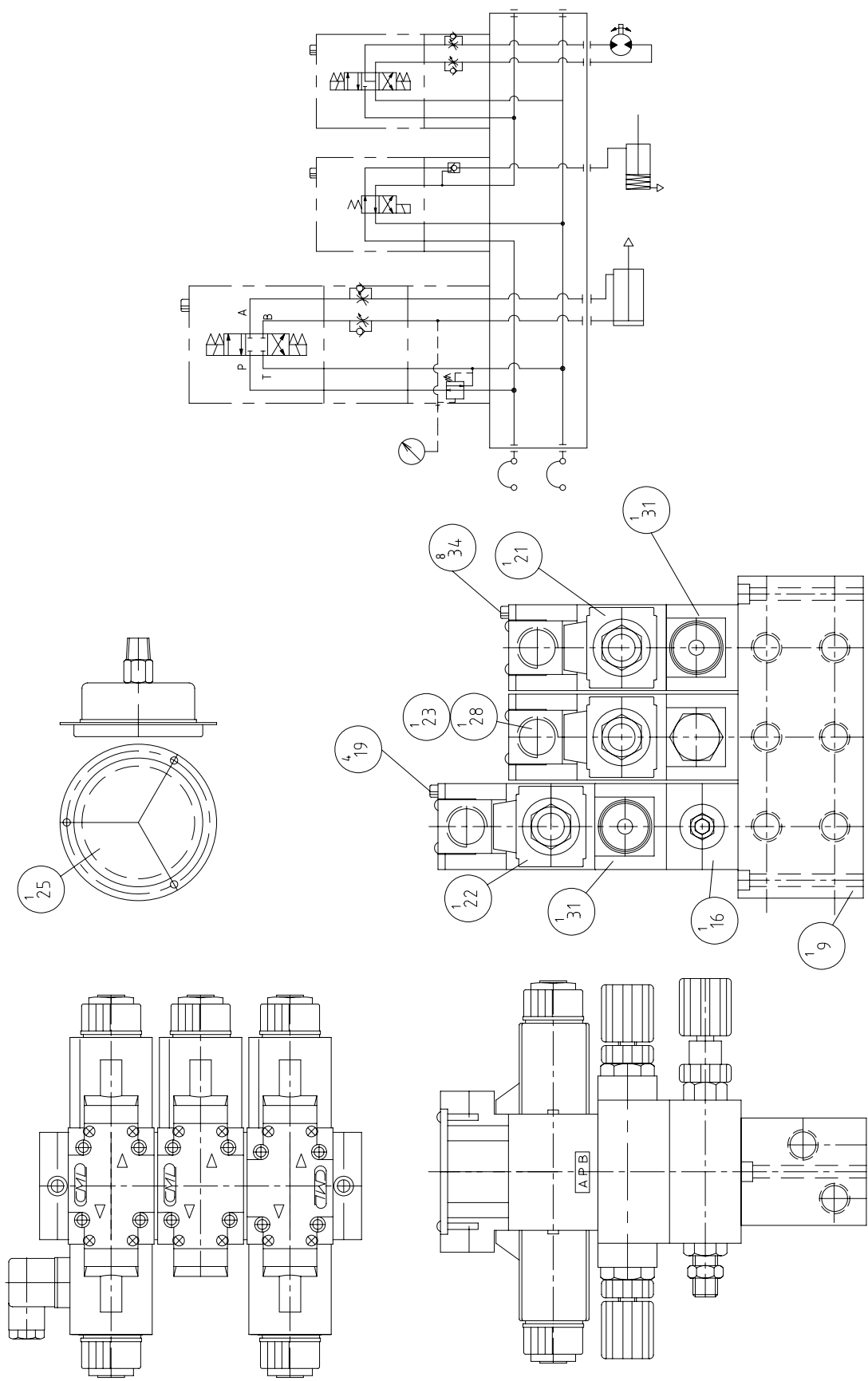
# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000013366F  
 Description: HYDRAULIC STEADY REST+AUTO ST  
 油壓中心架+可程式尾座(電磁閥組,CE版)

| Item  | Part NO.       | Description               | 中文名稱    | Specification      | Qty  | Unit |
|-------|----------------|---------------------------|---------|--------------------|------|------|
| 9.00  | BL 00029170403 | manifold block            | 油壓塊     | 02-1               | 1.00 | ST   |
| 16.00 | BL 00100590105 | reducing valve            | 積層式減壓閥  | MBR-02-B-1-K-51-16 | 1.00 | EA   |
| 18.00 | MS 0103545     | SOCKET HEAD CAP SCREW     | 六角穴圓頭螺絲 | M5xP0.8xL135       | 4.00 | EA   |
| 19.00 | MS 0103544     | SOCKET HEAD CAP SCREW     | 六角穴圓頭螺絲 | M5xP0.8xL125       | 4.00 | EA   |
| 21.00 | BL 00030480102 | solenoid valve            | 電磁閥     | G02-C4-A110        | 1.00 | EA   |
| 22.00 | BL 00030480104 | solenoid valve            | 電磁閥     | G02-C2-A110        | 1.00 | EA   |
| 23.00 | BL 00030480103 | solenoid valve            | 電磁閥     | G02-B2-A110        | 1.00 | EA   |
| 25.00 | BL 00115370102 | embeded press. Gauge      | 埋入式壓力計  | φ 60x70kgf/cm^2    | 1.00 | EA   |
| 27.00 | BL 00100590108 | solenoid valve            | 電磁式節流閥  | MST-02-P-K-A110N   | 1.00 | EA   |
| 28.00 | BL 00100590112 | modular pilot check valve | 積層式誘導閥  | MPC-02-A           | 1.00 | EA   |
| 31.00 | BL 00100590117 | throttle valve            | 積層式節流閥  | MTC-02-W-I-K       | 2.00 | EA   |
| 34.00 | MS 0103543     | SOCKET HEAD CAP SCREW     | 六角穴圓頭螺絲 | M5xP0.8xL85        | 4.00 | EA   |

| REV | DESCRIPTION | DATE      | ECA     |
|-----|-------------|-----------|---------|
| 0   | 新研發圖式圖號     | 2005/8/29 | RBF0000 |



|  |               |
|--|---------------|
| MODEL: TALENT 8/66L 10/78L                       | PART NUMBER   |
| HYDRAULIC STEADY REST+AUTO ST WITH CE (SOLENOID) | BL 000013367F |
| 油壓中心架+可程式電壓(電磁鐵組,非CE版)                           | PAGE 1 OF 1   |
| DATE 2005/8/29                                   | SCALE 1:3.5   |
|  | REV. 0        |



PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000013367F  
Description: HYDRAULIC STEADY REST+AUTO ST  
油壓中心架+可程式尾座(電磁閥組,非CE版)

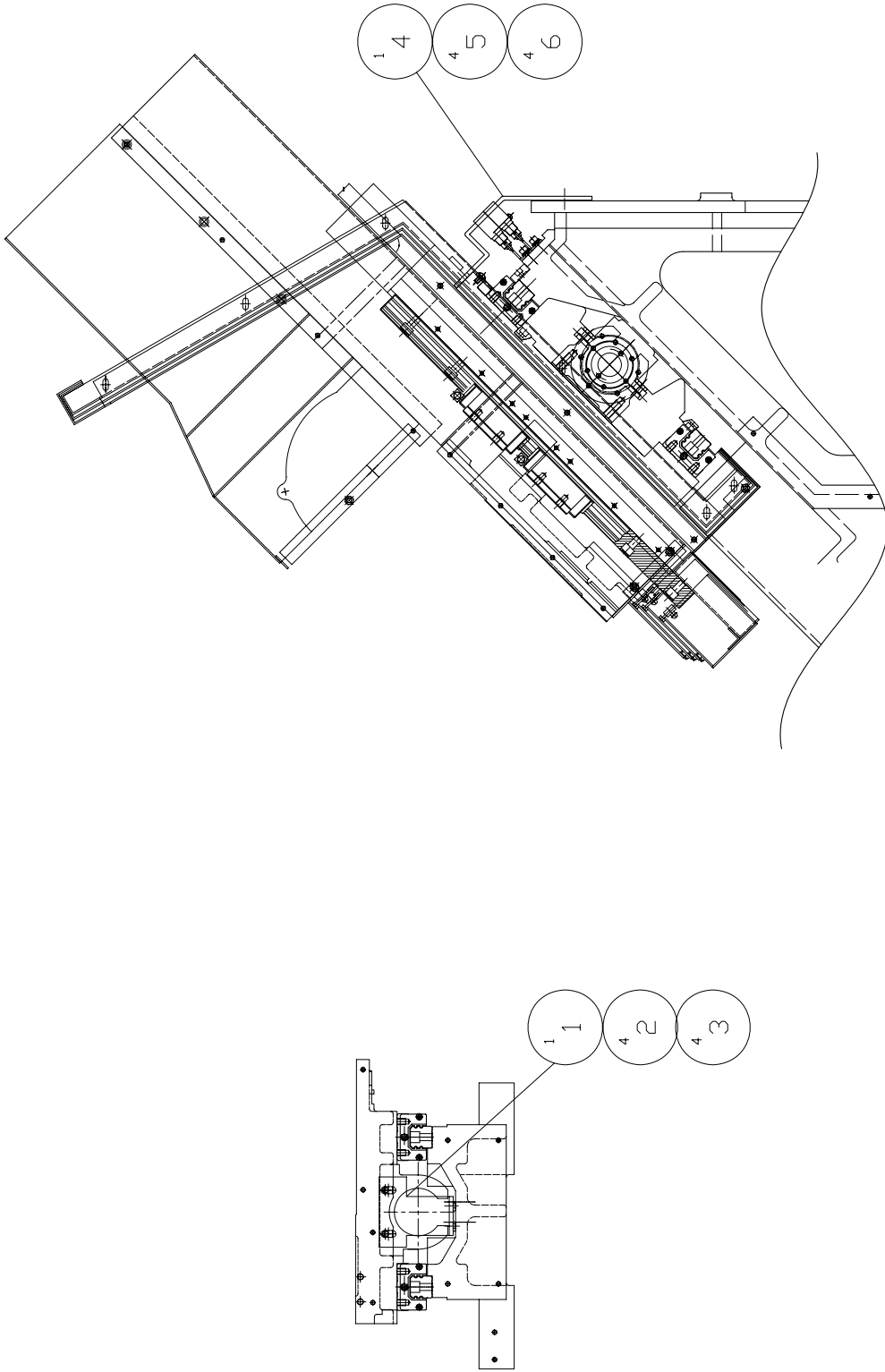
| Item  | Part NO.       | Description               | 中文名稱    | Specification      | Qty  | Unit |
|-------|----------------|---------------------------|---------|--------------------|------|------|
| 9.00  | BL 00029170403 | manifold block            | 油壓塊     | 02-1               | 1.00 | ST   |
| 16.00 | BL 00100590105 | reducing valve            | 積層式減壓閥  | MBR-02-B-1-K-51-16 | 1.00 | EA   |
| 19.00 | MS 0103544     | SOCKET HEAD CAP SCREW     | 六角穴圓頭螺絲 | M5xP0.8xL125       | 4.00 | EA   |
| 21.00 | BL 00030480102 | solenoid valve            | 電磁閥     | G02-C4-A110        | 1.00 | EA   |
| 22.00 | BL 00030480104 | solenoid valve            | 電磁閥     | G02-C2-A110        | 1.00 | EA   |
| 23.00 | BL 00030480103 | solenoid valve            | 電磁閥     | G02-B2-A110        | 1.00 | EA   |
| 25.00 | BL 00115370102 | embeded press. Gauge      | 埋入式壓力計  | φ 60x70kgf/cm^2    | 1.00 | EA   |
| 28.00 | BL 00100590112 | modular pilot check valve | 積層式誘導閥  | MPC-02-A           | 1.00 | EA   |
| 31.00 | BL 00100590117 | throttle valve            | 積層式節流閥  | MTC-02-W-I-K       | 2.00 | EA   |
| 34.00 | MS 0103543     | SOCKET HEAD CAP SCREW     | 六角穴圓頭螺絲 | M5xP0.8xL85        | 8.00 | EA   |

# Chapter 13

運輸用固定零件

Shipping Parts

| REV | DESCRIPTION | DATE      | ECN      |
|-----|-------------|-----------|----------|
| A   | 修改          | 2002/11/5 | TEL.0028 |



|                         |               |
|-------------------------|---------------|
| MODEL: TALENT 6/45 8/52 |               |
| PART NAME               | PART NUMBER   |
| SHIPPING BRACKET        | BL 001045304A |
| 装箱托架                    | PAGE 1 OF 1   |
| DATE 2002/11/5          | REV. A        |
| SCALE 1:9               |               |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 001045304A

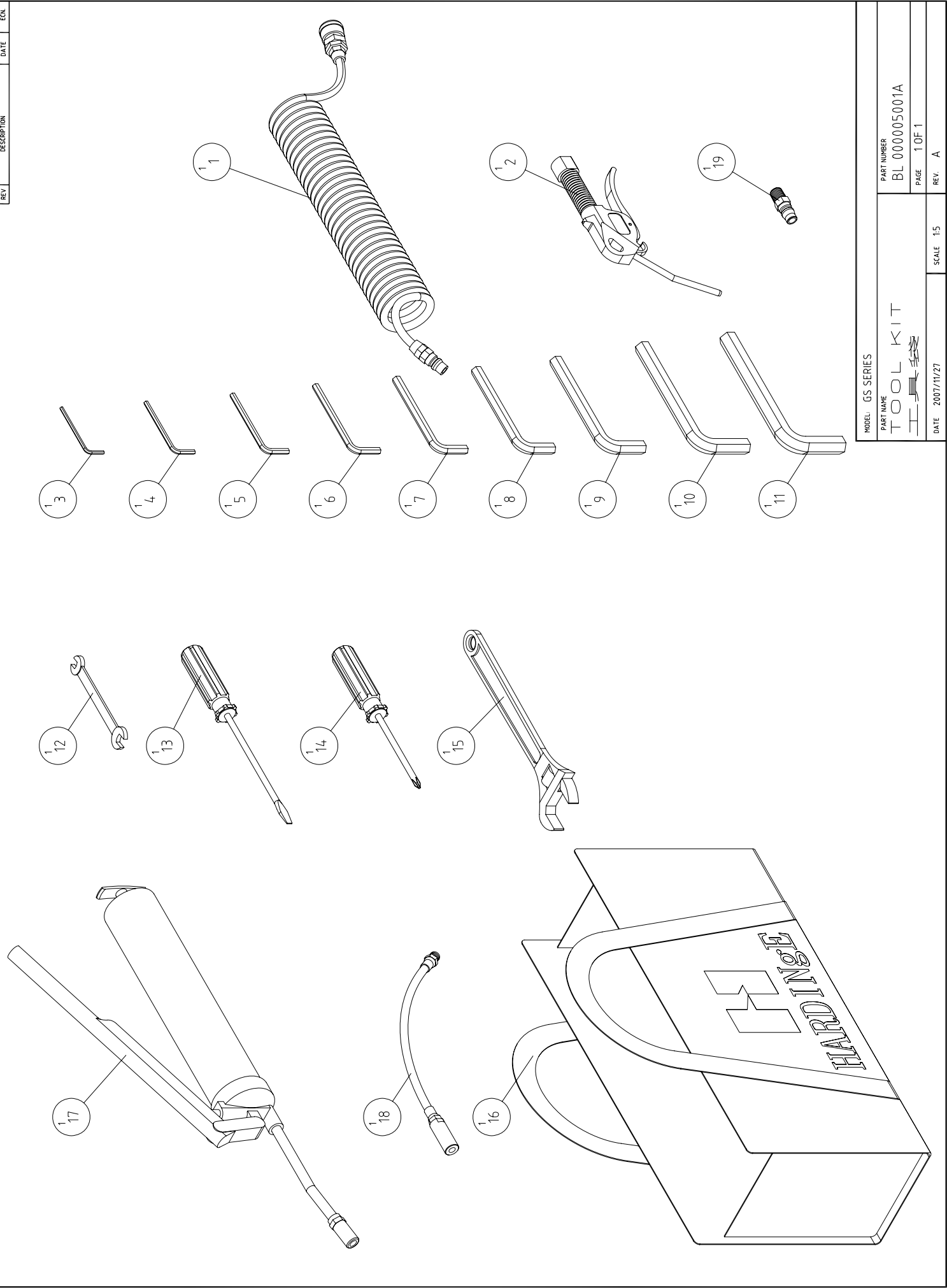
Description: SHIPPING BRACKET  
裝箱托架

| Item | Part NO.      | Description           | 中文名稱    | Specification   | Qty  | Unit |
|------|---------------|-----------------------|---------|-----------------|------|------|
| 1.01 | BL 000299016A | BRACKET, SHIPPING     | 支架      | L90xW95xH40     | 1.00 | EA   |
| 2.00 | MS 0103818    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M8xP1.25xL20    | 4.00 | EA   |
| 3.00 | MW 0103810    | FLAT WASHER           | 平墊圈     | M8 (d8*D22.2)   | 4.00 | EA   |
| 4.00 | BL 000299015A | BRACKET, SHIPPING     | 支架      | L80xW176.5xH120 | 1.00 | EA   |
| 5.00 | MS 0103818    | SOCKET HEAD CAP SCREW | 六角穴圓頭螺絲 | M8xP1.25xL20    | 4.00 | EA   |
| 6.00 | MW 0103810    | FLAT WASHER           | 平墊圈     | M8 (d8*D22.2)   | 4.00 | EA   |

# Chapter 14

工具袋

Tool Kit



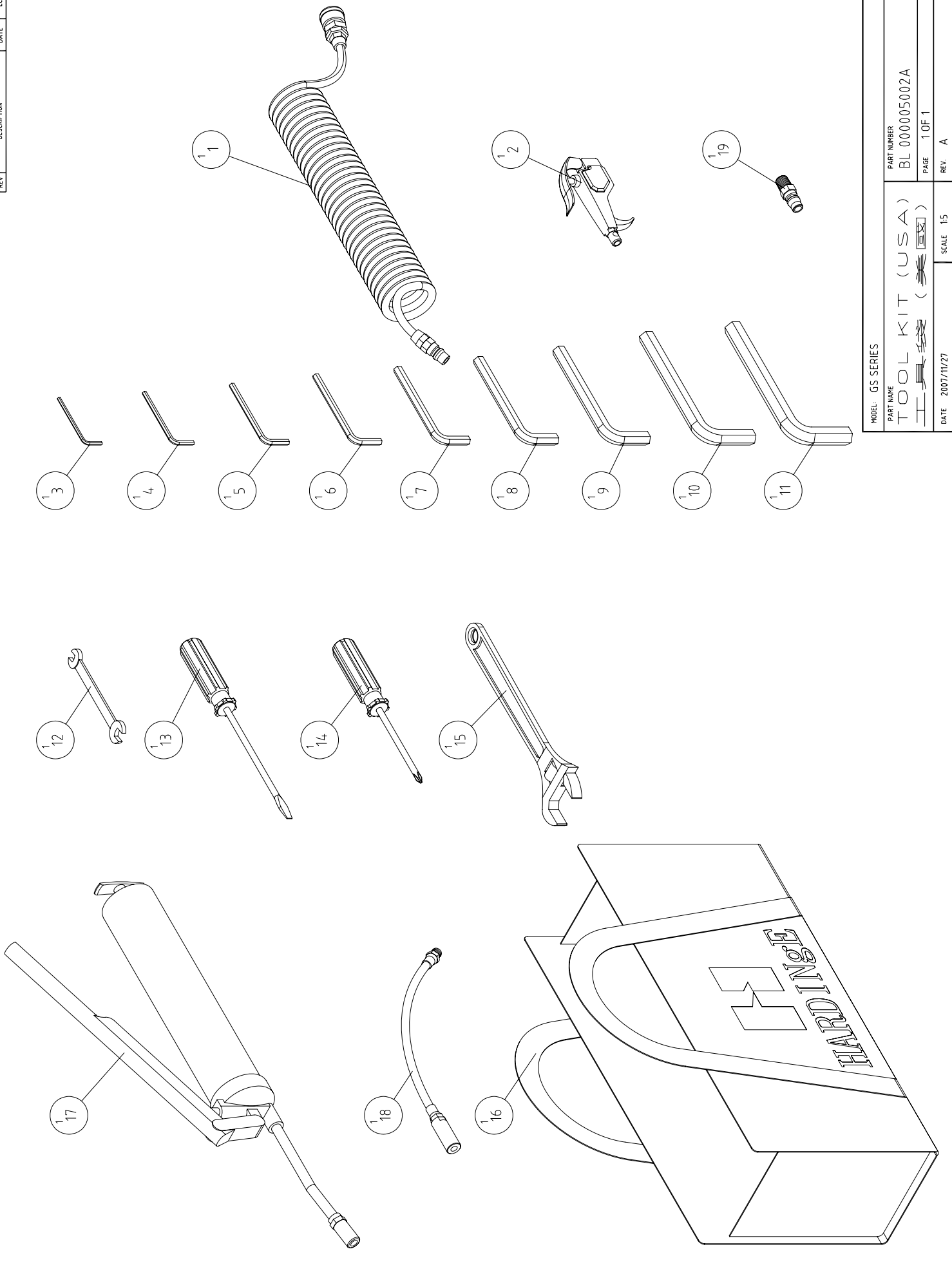
|                  |               |
|------------------|---------------|
| MODEL: GS SERIES | PART NUMBER   |
| TOOL KIT         | BL 000005001A |
| DATE 2007/11/27  | PAGE 1 OF 1   |
| SCALE 1:5        | REV. A        |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000005001A

Description: TOOL KIT  
工具袋

| Item  | Part NO.       | Description                   | 中文名稱        | Specification               | Qty  | Unit |
|-------|----------------|-------------------------------|-------------|-----------------------------|------|------|
| 1.00  | NV 00070070302 | TUBE, PU COIL WICH ADAPTER    | 風壓用伸縮管附接頭   | [CHI-YING]0850-6M           | 1.00 | EA   |
| 2.00  | NV 01070350101 | AIR FLOW GUN                  | 空氣噴槍        | KS 100mm                    | 1.00 | EA   |
| 3.00  | NV 00000470101 | HEX. WRENCH                   | 六角扳手        | 3mm                         | 1.00 | EA   |
| 4.00  | NV 00000470102 | HEX. WRENCH                   | 六角扳手        | 4mm                         | 1.00 | EA   |
| 5.00  | NV 00000470103 | HEX. WRENCH                   | 六角扳手        | 5mm                         | 1.00 | EA   |
| 6.00  | NV 00000470104 | HEX. WRENCH                   | 六角扳手        | 6mm                         | 1.00 | EA   |
| 7.00  | NV 00000470105 | HEX. WRENCH                   | 六角扳手        | 8mm                         | 1.00 | EA   |
| 8.00  | NV 00000470106 | HEX. WRENCH                   | 六角扳手        | 10mm                        | 1.00 | EA   |
| 9.00  | NV 00000470107 | HEX. WRENCH                   | 六角扳手        | 12mm                        | 1.00 | EA   |
| 10.00 | NV 00000470108 | HEX. WRENCH                   | 六角扳手        | 14mm                        | 1.00 | EA   |
| 11.00 | NV 00000470109 | HEX. WRENCH                   | 六角扳手        | 16mm                        | 1.00 | EA   |
| 12.00 | NV 00000470201 | OPEN WRENCH                   | 開口扳手(兩端)    | 8x10                        | 1.00 | EA   |
| 13.00 | NV 00000470401 | SCREW DRIVER                  | 塑膠柄起子       | - 0.2x4"                    | 1.00 | EA   |
| 14.00 | NV 00000470501 | SCREW DRIVER                  | 塑膠柄起子       | + 6"x8mm                    | 1.00 | EA   |
| 15.00 | NV 00000470601 | LIFE WRENCH                   | 活動扳手        | 10"                         | 1.00 | EA   |
| 16.00 | NV 00000470801 | TOOL BAG                      | 工具袋         | TOOL                        | 1.00 | EA   |
| 17.00 | NV 00000470902 | GREASE GUN                    | 黃油槍         | [PRESSOL] 12732 1/8PT 500cc | 1.00 | EA   |
| 18.00 | BL 00069660002 | GEREASE PIPE                  | 潤滑油軟管(牛油槍用) | 12"                         | 1.00 | EA   |
| 19.00 | NV 00077031402 | PRESTO ADAPTER, STRAIGHT MALE | 外牙直快速接頭(公)  | PT1/4"(PM20)                | 1.00 | EA   |



|                              |                  |
|------------------------------|------------------|
| MODEL: GS SERIES             | SCALE: 1:5       |
| PART NAME<br>TOOL KIT (USA)  | DATE: 2007/11/27 |
| PART NUMBER<br>BL 000005002A | REV: A           |
| PAGE 1 OF 1                  |                  |

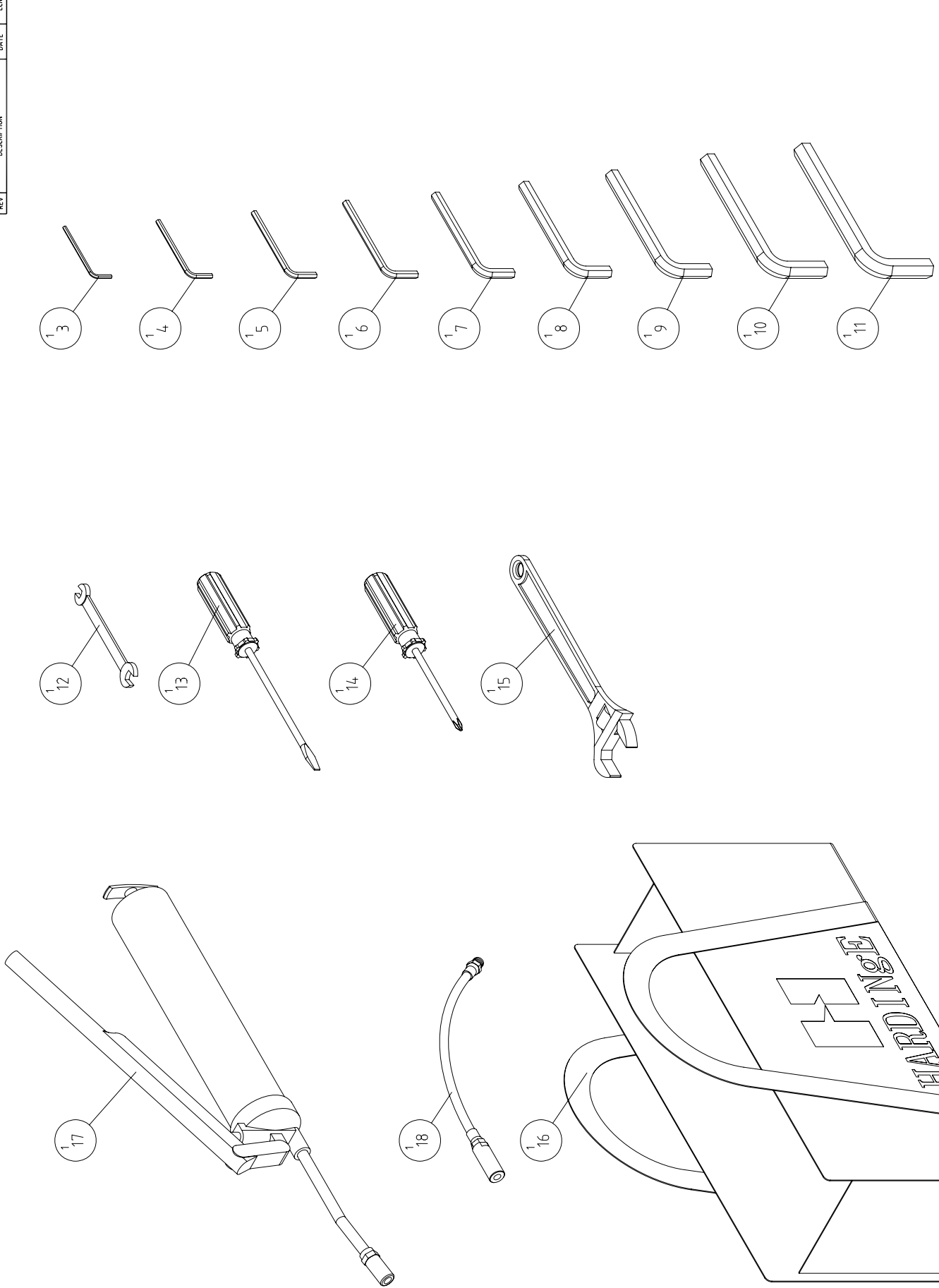


# PRODUCT BOM MASTER AND SUB-ITEMS LIST

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Master Item Part NO.: BL 000005002A  
Description: TOOL KIT(USA)  
工具袋(美國)

| Item  | Part NO.       | Description                   | 中文名稱        | Specification                  | Qty  | Unit |
|-------|----------------|-------------------------------|-------------|--------------------------------|------|------|
| 1.00  | NV 00070070302 | TUBE, PU COIL WICH ADAPTER    | 風壓用伸縮管附接頭   | [CHI-YING]0850-6M              | 1.00 | EA   |
| 2.00  | NV 01070350102 | AIR NOZZLE                    | 空氣噴槍        | 30PSI MAX, OSHA REQUIREMENT,MM | 1.00 | EA   |
| 3.00  | NV 00000470101 | HEX. WRENCH                   | 六角扳手        | 3mm                            | 1.00 | EA   |
| 4.00  | NV 00000470102 | HEX. WRENCH                   | 六角扳手        | 4mm                            | 1.00 | EA   |
| 5.00  | NV 00000470103 | HEX. WRENCH                   | 六角扳手        | 5mm                            | 1.00 | EA   |
| 6.00  | NV 00000470104 | HEX. WRENCH                   | 六角扳手        | 6mm                            | 1.00 | EA   |
| 7.00  | NV 00000470105 | HEX. WRENCH                   | 六角扳手        | 8mm                            | 1.00 | EA   |
| 8.00  | NV 00000470106 | HEX. WRENCH                   | 六角扳手        | 10mm                           | 1.00 | EA   |
| 9.00  | NV 00000470107 | HEX. WRENCH                   | 六角扳手        | 12mm                           | 1.00 | EA   |
| 10.00 | NV 00000470108 | HEX. WRENCH                   | 六角扳手        | 14mm                           | 1.00 | EA   |
| 11.00 | NV 00000470109 | HEX. WRENCH                   | 六角扳手        | 16mm                           | 1.00 | EA   |
| 12.00 | NV 00000470201 | OPEN WRENCH                   | 開口扳手(兩端)    | 8x10                           | 1.00 | EA   |
| 13.00 | NV 00000470401 | SCREW DRIVER                  | 塑膠柄起子       | — 0.2x4"                       | 1.00 | EA   |
| 14.00 | NV 00000470501 | SCREW DRIVER                  | 塑膠柄起子       | 十 6"x8mm                       | 1.00 | EA   |
| 15.00 | NV 00000470601 | LIFE WRENCH                   | 活動扳手        | 10"                            | 1.00 | EA   |
| 16.00 | NV 00000470801 | TOOL BAG                      | 工具袋         | TOOL                           | 1.00 | EA   |
| 17.00 | NV 00000470902 | GREASE GUN                    | 黃油槍         | [PRESSOL] 12732 1/8PT 500cc    | 1.00 | EA   |
| 18.00 | BL 00069660002 | GEREASE PIPE                  | 潤滑油軟管(牛油槍用) | 12"                            | 1.00 | EA   |
| 19.00 | NV 00077031402 | PRESTO ADAPTER, STRAIGHT MALE | 外牙直快速接頭(公)  | PT1/4"(PM20)                   | 1.00 | EA   |



|                  |                       |               |
|------------------|-----------------------|---------------|
| MODEL: GS SERIES | PART NUMBER           | BL 000005003A |
| PART NAME        | T O O L K I T ( C E ) |               |
|                  | T O O L K I T ( C E ) |               |
| DATE: 2007/11/27 | SCALE: 1:5            | REV: A        |
|                  |                       | PAGE: 1 OF 1  |

PRODUCT BOM MASTER AND SUB-ITEMS LIST  
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Master Item Part NO.: BL 000005003A

Description: TOOL KIT(CE)  
工具袋(CE)

| Item  | Part NO.       | Description  | 中文名稱        | Specification               | Qty  | Unit |
|-------|----------------|--------------|-------------|-----------------------------|------|------|
| 3.00  | NV 00000470101 | HEX. WRENCH  | 六角扳手        | 3mm                         | 1.00 | EA   |
| 4.00  | NV 00000470102 | HEX. WRENCH  | 六角扳手        | 4mm                         | 1.00 | EA   |
| 5.00  | NV 00000470103 | HEX. WRENCH  | 六角扳手        | 5mm                         | 1.00 | EA   |
| 6.00  | NV 00000470104 | HEX. WRENCH  | 六角扳手        | 6mm                         | 1.00 | EA   |
| 7.00  | NV 00000470105 | HEX. WRENCH  | 六角扳手        | 8mm                         | 1.00 | EA   |
| 8.00  | NV 00000470106 | HEX. WRENCH  | 六角扳手        | 10mm                        | 1.00 | EA   |
| 9.00  | NV 00000470107 | HEX. WRENCH  | 六角扳手        | 12mm                        | 1.00 | EA   |
| 10.00 | NV 00000470108 | HEX. WRENCH  | 六角扳手        | 14mm                        | 1.00 | EA   |
| 11.00 | NV 00000470109 | HEX. WRENCH  | 六角扳手        | 16mm                        | 1.00 | EA   |
| 12.00 | NV 00000470201 | OPEN WRENCH  | 開口扳手(兩端)    | 8x10                        | 1.00 | EA   |
| 13.00 | NV 00000470401 | SCREW DRIVER | 塑膠柄起子       | - 0.2x4"                    | 1.00 | EA   |
| 14.00 | NV 00000470501 | SCREW DRIVER | 塑膠柄起子       | + 6"x8mm                    | 1.00 | EA   |
| 15.00 | NV 00000470601 | LIFE WRENCH  | 活動扳手        | 10"                         | 1.00 | EA   |
| 16.00 | NV 00000470801 | TOOL BAG     | 工具袋         | TOOL                        | 1.00 | EA   |
| 17.00 | NV 00000470902 | GREASE GUN   | 黃油槍         | [PRESSOL] 12732 1/8PT 500cc | 1.00 | EA   |
| 18.00 | BL 00069660002 | GEREASE PIPE | 潤滑油軟管(牛油槍用) | 12"                         | 1.00 | EA   |