

**SHARP**

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**OD-1320X  
CNC Cylindrical Grinder  
Parts List**

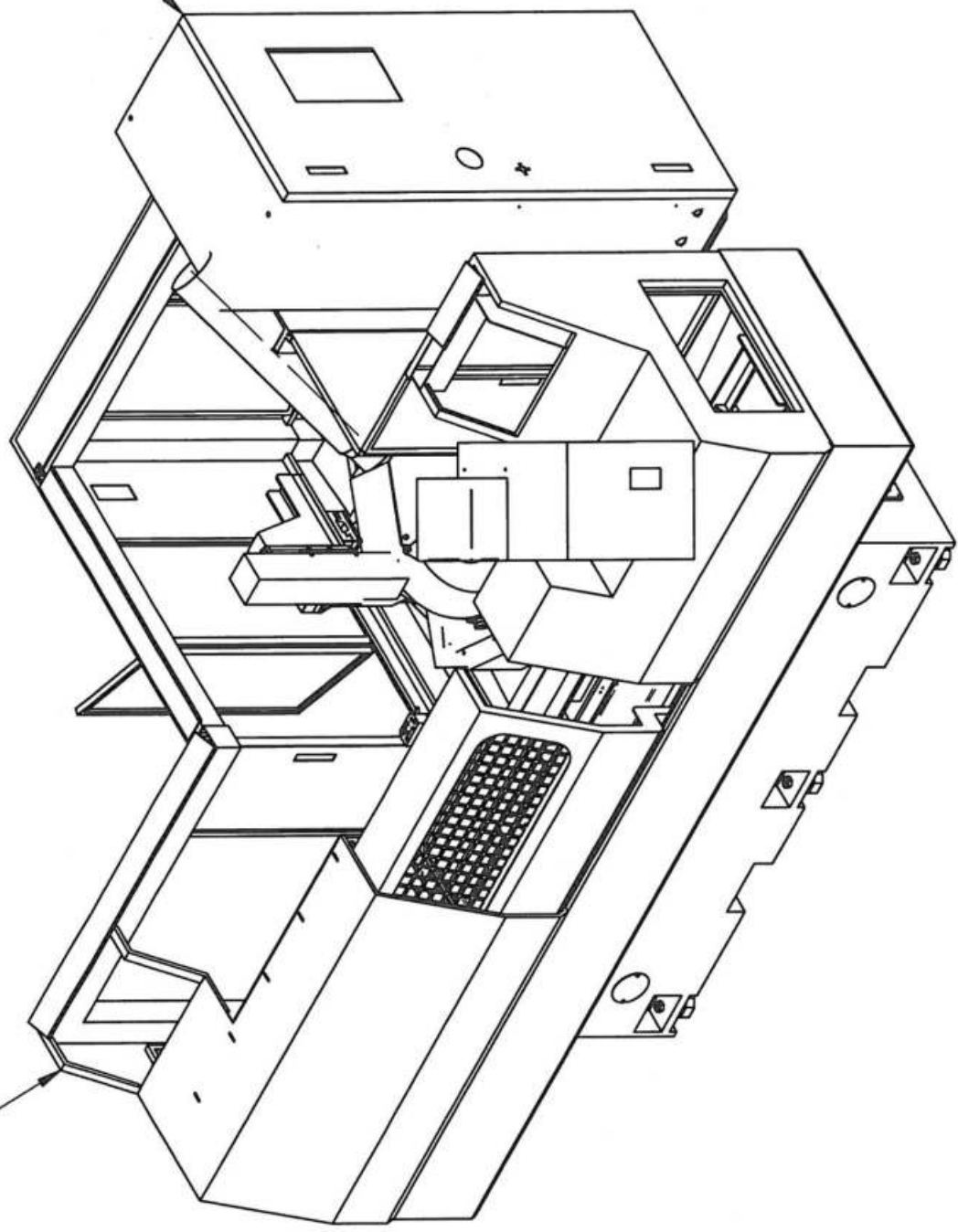
**Sharp Industries, Inc.**

## 目 錄 (Catalogue)

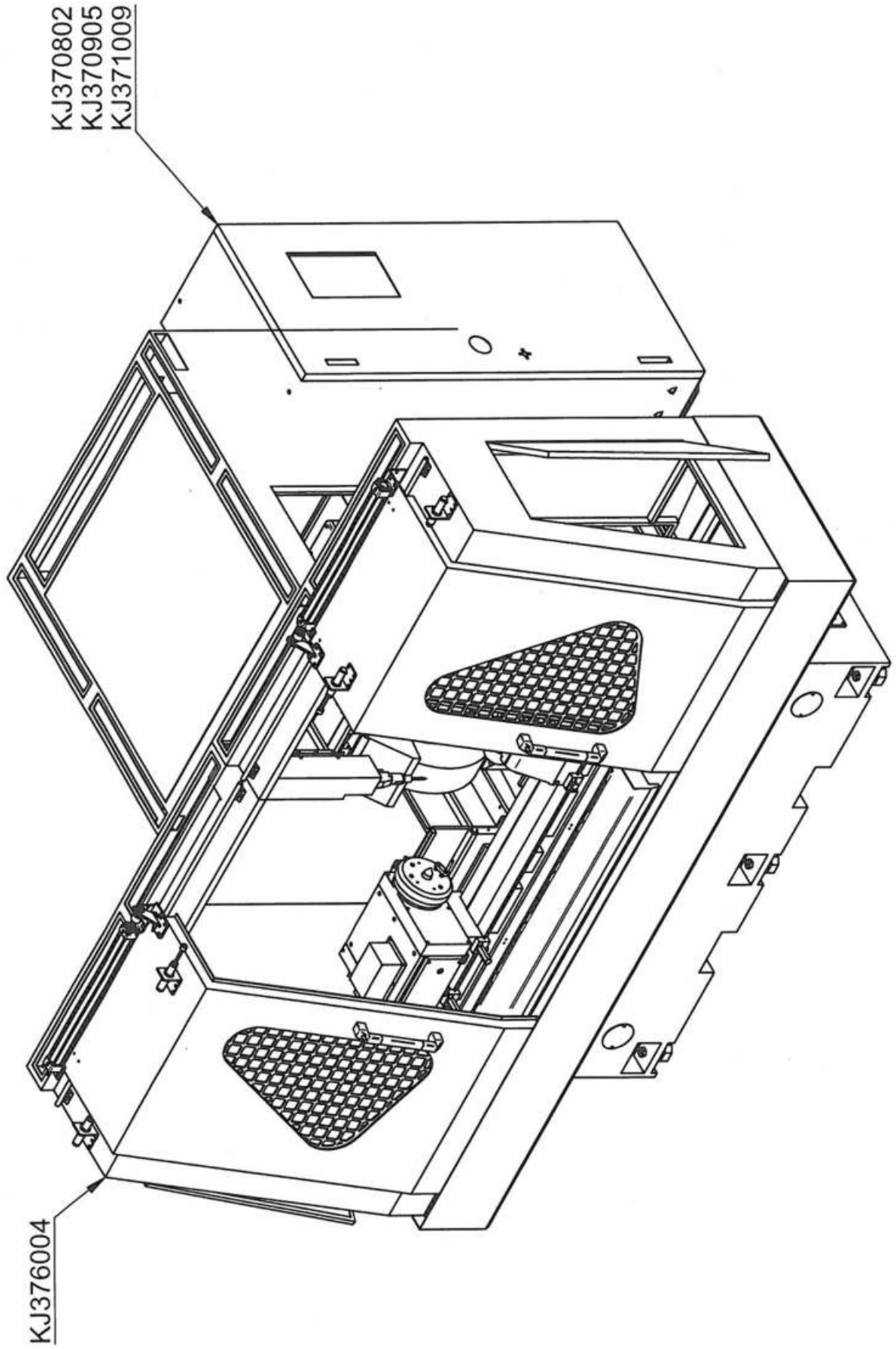
1	鈹金組 Cover plate	.....	01-1 ~01-2
2	操作箱組 Control box	.....	02 -1 ~ 02-4
3	本台 Base	.....	03-1 ~ 03-5
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KJ376700

KJ378900  
KJ379000  
KJ379100

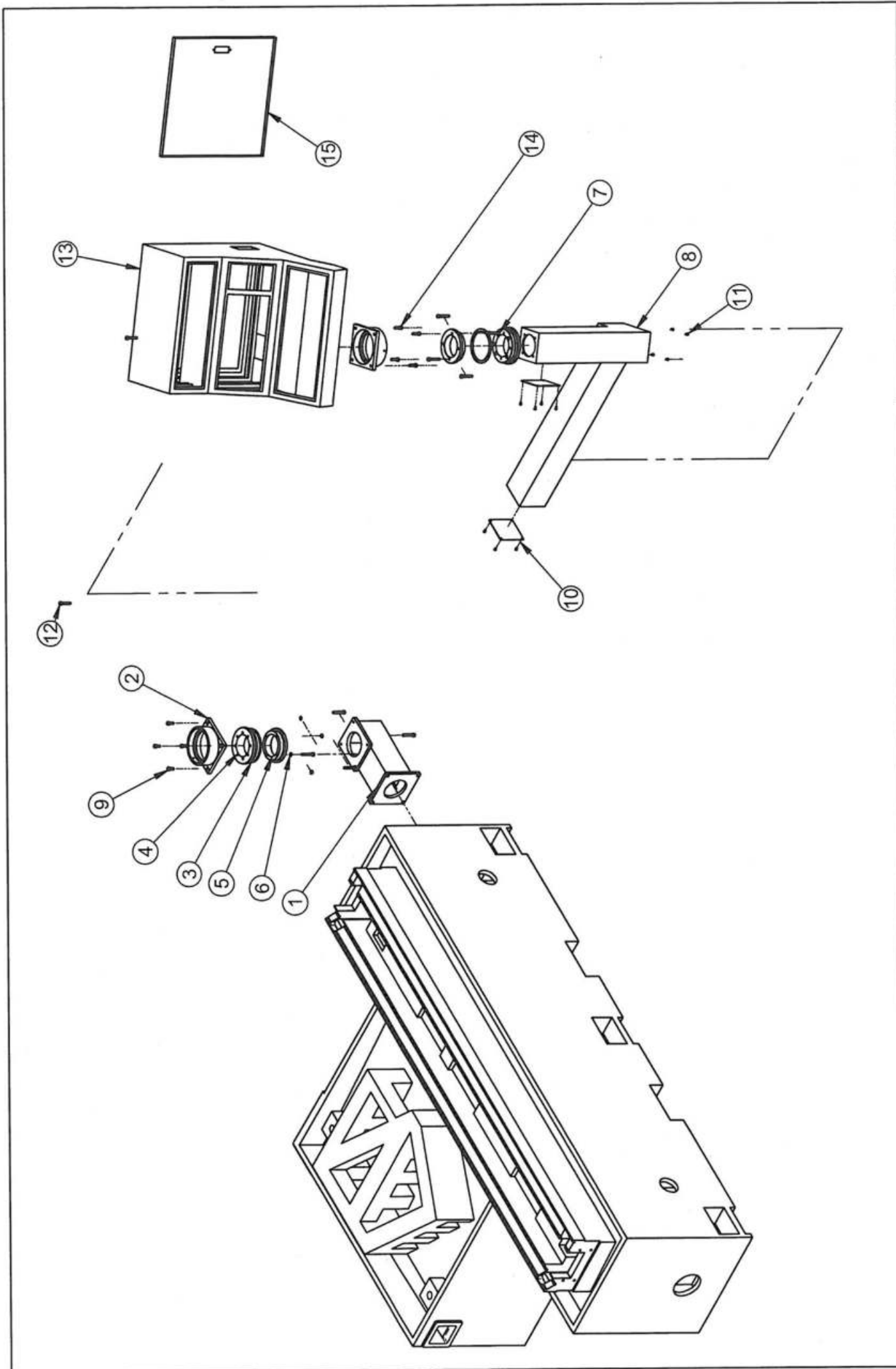


SHARP	圖名 (NAME)	半密式板金(A500)(P750) Cover Plate(A500)(P750)	核准 (APP) 沈世傑	日期 (DATE) 2004/7/9	圖號 (NUMBER) AJ370800
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SHARP	圖名 (NAME)	全密式鋁金組(A500)(P750) Dust Cover(A500)(P750)	核准 (APP) 沈世傑	日期 (DATE) 2004.7.12	圖號 (NUMBER) AJ370600
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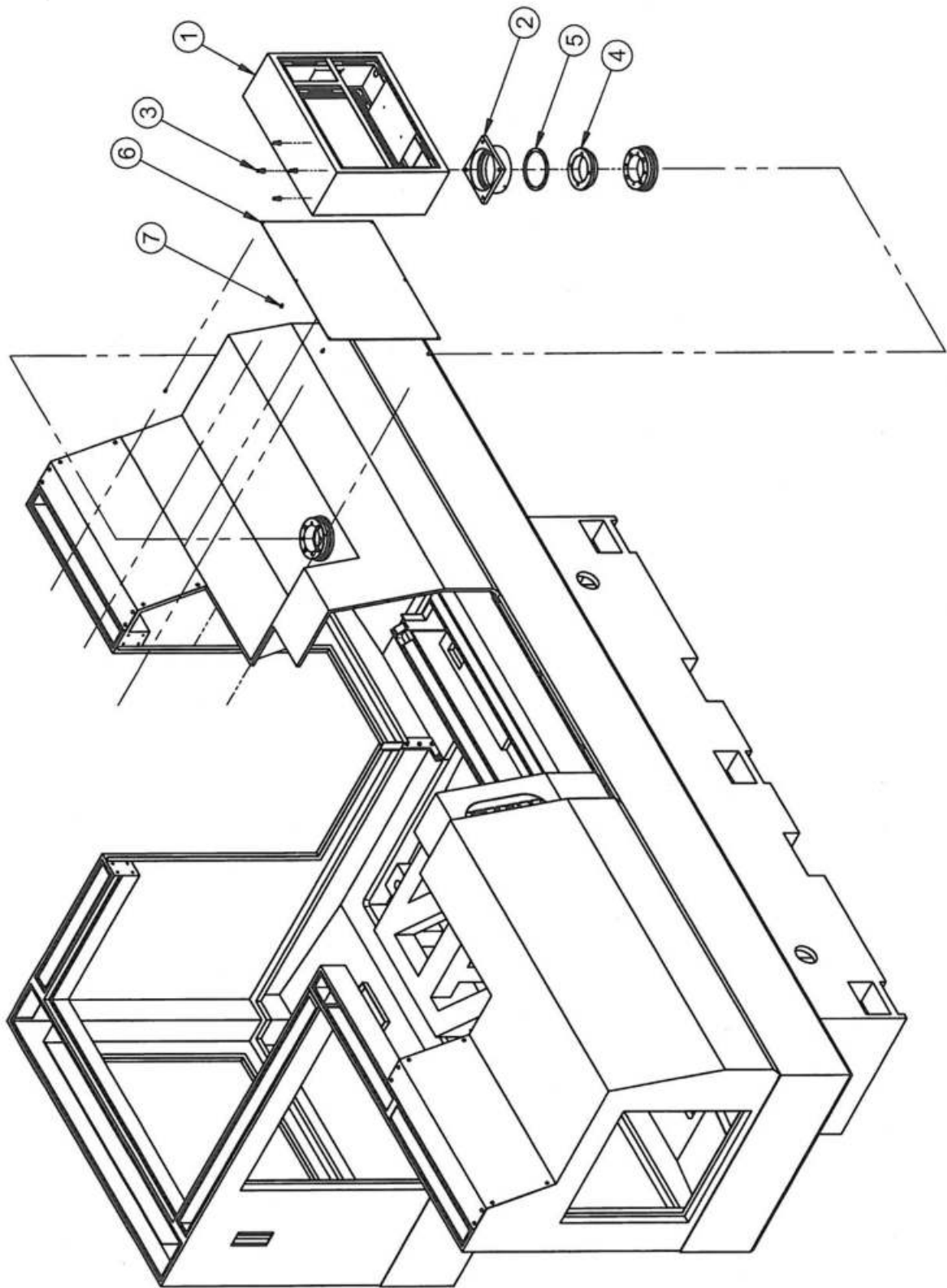




SHARP	圖名 (NAME)	操作箱組(全密式) Control Panel Box		核准 (APP.)	日期 (DATE)	圖號 (NUMBER)
				沈世傑	2004/7/14	AJ371100

圖號 (NUMBER)	AJ371100
圖名 (DRAWING)	操作箱組(全密式) Control Panel Box
日期 (DATE)	2004/7/14
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
1	KJ371607	操作箱支桿(一)	Control Box Bracket		1
2	KJ372608	固定座	Fixed seat		2
3	KJ372907	銅襯環	Bronze bushing		2
4	KJ372804	固定環	Fixed ring		2
5	KJ372701	旋轉環	Collar		2
6	SD810049	彈簧墊圈	Spring Washer	M8	4
7	SD011629	沉頭內六角螺絲	Screw	M8x1.25x50mm	8
8	KJ371700	操作相支桿(二)	Support arm		1
9	SD011541	六角承窩頭螺絲	Screw	M8x1.25x20mm	4
10*	KJ372402	蓋板	Cover		3
11	SD040338	半圓頭螺絲	Round Head Screw		12
12	SD012092	六角承窩頭螺絲	Screw	M8x1.25x45mm	4
13	KJ379600	操作箱	Control panel box		1
14	SD011565	六角承窩頭螺絲	Screw	M8x1.25x30mm	4
15	KJ371906	操作箱蓋	Control box cover		1



圖號 (NUMBER)

日期 (DATE)

核准 (APP)

操作箱組 (NAME)

圖名 (NAME)

SHARP

Control Box

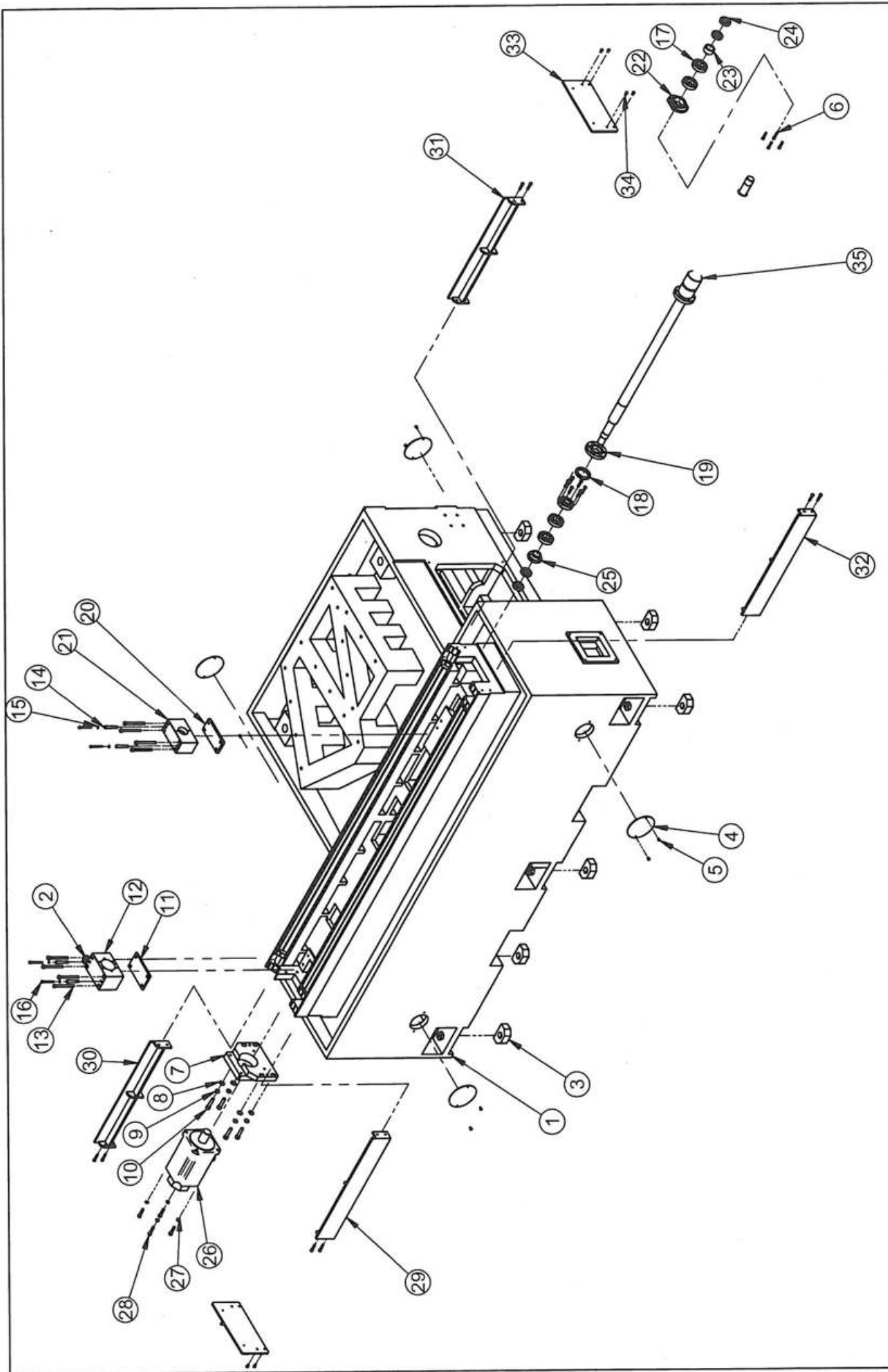
沈世傑

2004/7/14

AJ371200

圖號 (NUMBER)	AJ371200
圖名 (DRAWING)	操作箱組
	Control Box
日期 (DATE)	2004/7/14
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
1*	KJ573200	操作箱	Control Box		1
2*	KJ372608	固定座	Fixed seat		1
3*	SD011541	六角承窩頭螺絲	Screw	M8x1.25x20mm	4
4*	KJ372701	旋轉環	Collar		1
5*	KJ372907	銅襯環	Bronze bushing		1
6*	KJ073909	操作箱後蓋板	CONTROL BOX'S REAR COVER		1
7*	SD040338	半圓頭螺絲	Round Head Screw		6
8*	KJ573300	開關銘牌	Tag		1
9*	KJ372804	固定環	Fixed ring		1
10*	SD040046	半圓頭螺絲	Round Hand Screw	M4x0.7x10mm	2



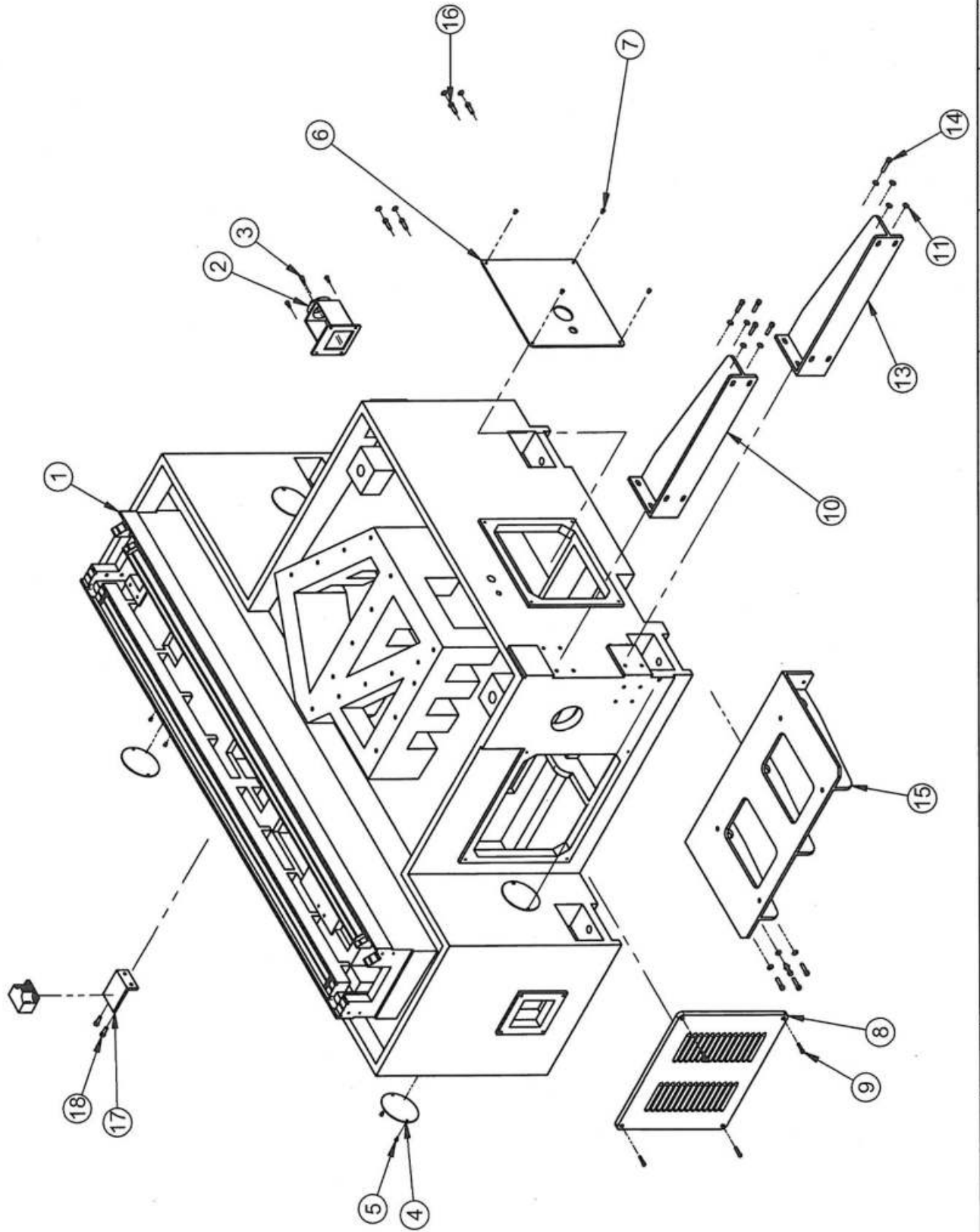
SHARP	圖名 (NAME)	本台(一)(A500)(PT50) Base(1)A500(P750)	核准 (APP)	日期 (DATE)	圖號 (NUMBER)
			沈世傑	2004/7/13	AJ370300

圖號 (NUMBER)	AJ370300
圖名 (DRAWING)	本台(一)(A500)(P750) Base(1)(A500)(P750)
日期 (DATE)	2004/7/13
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
1	KJ370101	本台	Base	350mm	1
2*	KN070504	調整螺絲	Adjusting screw		4
3	KB071907	基礎墊塊	Block		6
4	K7013901	孔蓋	Hold cover		4
5*	SD040338	半圓頭螺絲	Round Head Screw		8
6*	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	18
7	KJ370204	Z軸馬達座	Z axis motor seat		1
8*	SD800059	平墊圈	Washer	M10	4
9	SD810056	彈簧墊圈	Spring Washer	M10	4
10	SD012092	六角承窩頭螺絲	Screw	M10x1.5x45mm	4
11*	KJ370503	左軸承座墊塊	Plate		1
12	KJ370307	左軸承座(Z軸)	Bearing Setting		1
13	SD011716	內六角沉頭螺絲	Screw	M8x1.25x95mm	8
14*	SE070061	斜梢附內牙	TAPER PIN	D8X60L	4
15*	SD800028	平墊圈	Washer	M5	4
16	SD010746	沉頭內六角螺絲	Screw	M5x0.8x55mm	4
17	SA040023	斜角滾珠軸承	Angular Ball Bearing	30TAC62B	5
18*	KF071608	間隔環	Spacer		1
19	KJ372000	鎖緊蓋	Lock nut		1
20	KJ370602	右軸承座墊塊	Block		1
21	KJ370400	右軸承座(Z軸)	Bearing Setting		1
22	KJ375704	軸承蓋	Bearing cover		1
23	KJ374507	間隔環	Spacer		1
24	SD260235	精密螺帽	NUT	YSRM30X1.5	4
25*	KJ374600	間隔環	Spacer		1
26*		伺服馬達	servo motor		1
27*	SD810049	彈簧墊圈	Spring Washer	M8	4
28	SD011565	六角承窩頭螺絲	Screw	M8x1.25x30mm	4
29	KJ373207	右後支架	Left front bracket		1
30	KJ373300	右後支架	Left front bracket		1
31	KJ373506	右後支架	Right rear bracket		1
32	KJ373403	右後支架	Right front bracket		1

圖號 (NUMBER)	AJ370300
圖名 (DRAWING)	本台(一)(A500)(P750) Base(1)(A500)(P750)
日期 (DATE)	2004/7/13
頁數 (PAGE)	1-2

NO.	Parts No.	件名	Description	Remarks	Qty.
33	KJ373609	支架固定板	Bracket		2
34*	SD040644	半圓頭螺絲	Round Head Screw	M6x1.0x12mm	7
35	KJ374208	滾珠導螺桿組	Ball Screw		1



**SHARP**

圖名 (NAME)  
本台(二)  
Base(Z)

核准 (APP)  
沈世傑

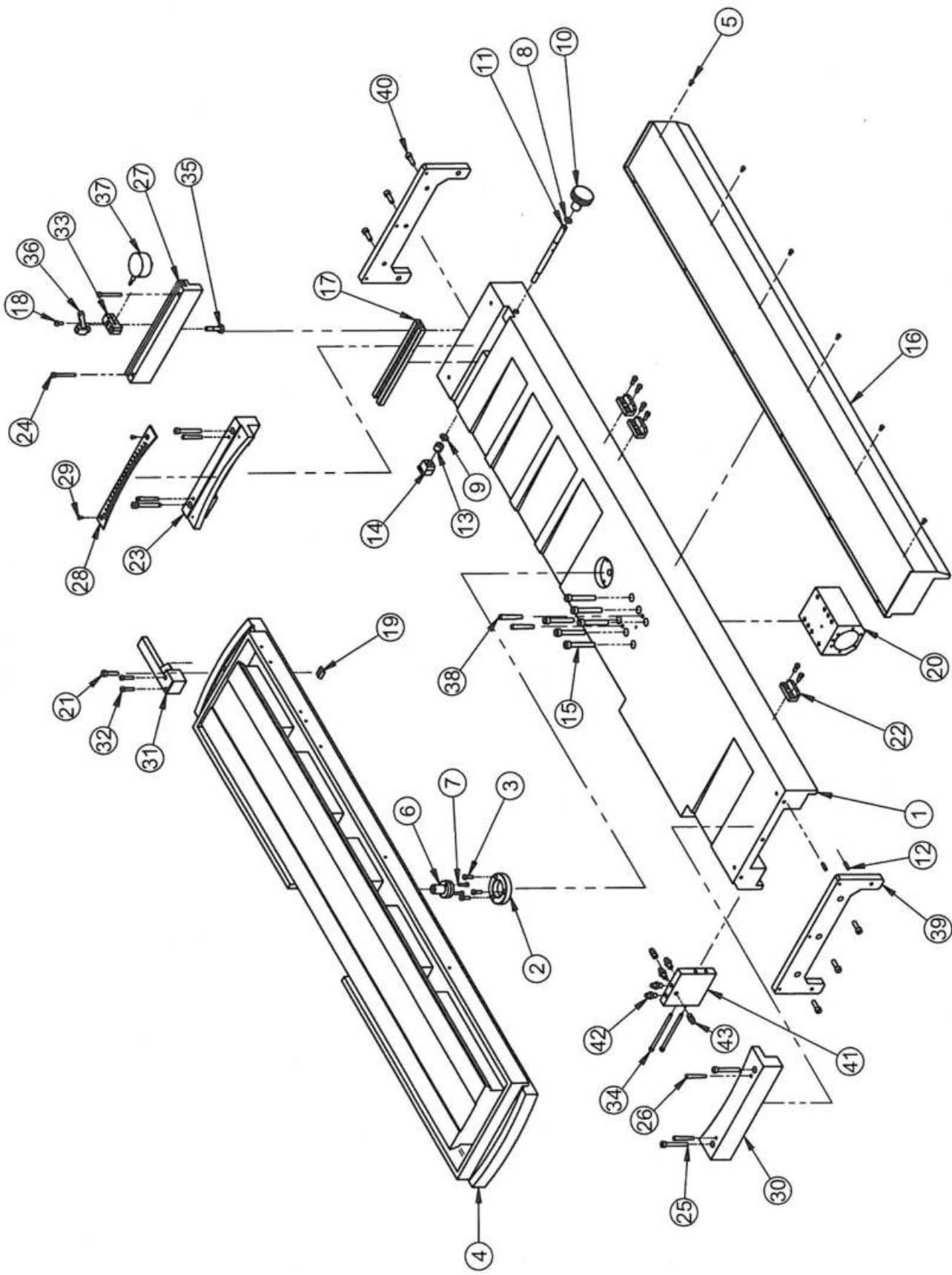
日期 (DATE)  
2004/7/13

圖號 (NUMBER)  
AJ370200



圖號 (NUMBER)	AJ370200
圖名 (DRAWING)	本台(二) Base(2)
日期 (DATE)	2004/7/13
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
1	KJ374301	本台	Base	350mm	1
2*	KN071419	排水槽	Drain slot		1
3	SD011053	六角承窩頭螺絲	Screw	M6x1.0x15mm	4
4	K7013901	孔蓋	Hold cover		4
5*	SD040338	半圓頭螺絲	Round Head Screw		8
6	KJ373805	後蓋	Back aerateable screw		1
7*	SD040637	半圓頭螺絲	Hexagonal Screw	M6x1.0x10mm	4
8	KJ371504	側蓋	Side cover		1
9	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	4
10	KJ371308	電器箱固定架(三)	Electrical bracket		1
11*	SD800042	墊圈	Washer	M8	16
12*	SD011565	六角承窩頭螺絲	Screw	M8x1.25x30mm	8
13	KJ371205	電器箱固定架(二)	Electrical bracket		1
14	SD012092	六角承窩頭螺絲	Screw	M8x1.25x45mm	1
15	KJ371102	電器箱固定架(一)	Electrical bracket		1
16	SD011565	六角承窩頭螺絲	Screw	M8x1.25x30mm	4
17	KJ374002	感應開關支架	Steady Rest		1
18	SD011541	六角承窩頭螺絲	Screw	M8x1.25x20mm	2
19*		三點讀頭	Limit Switch		1

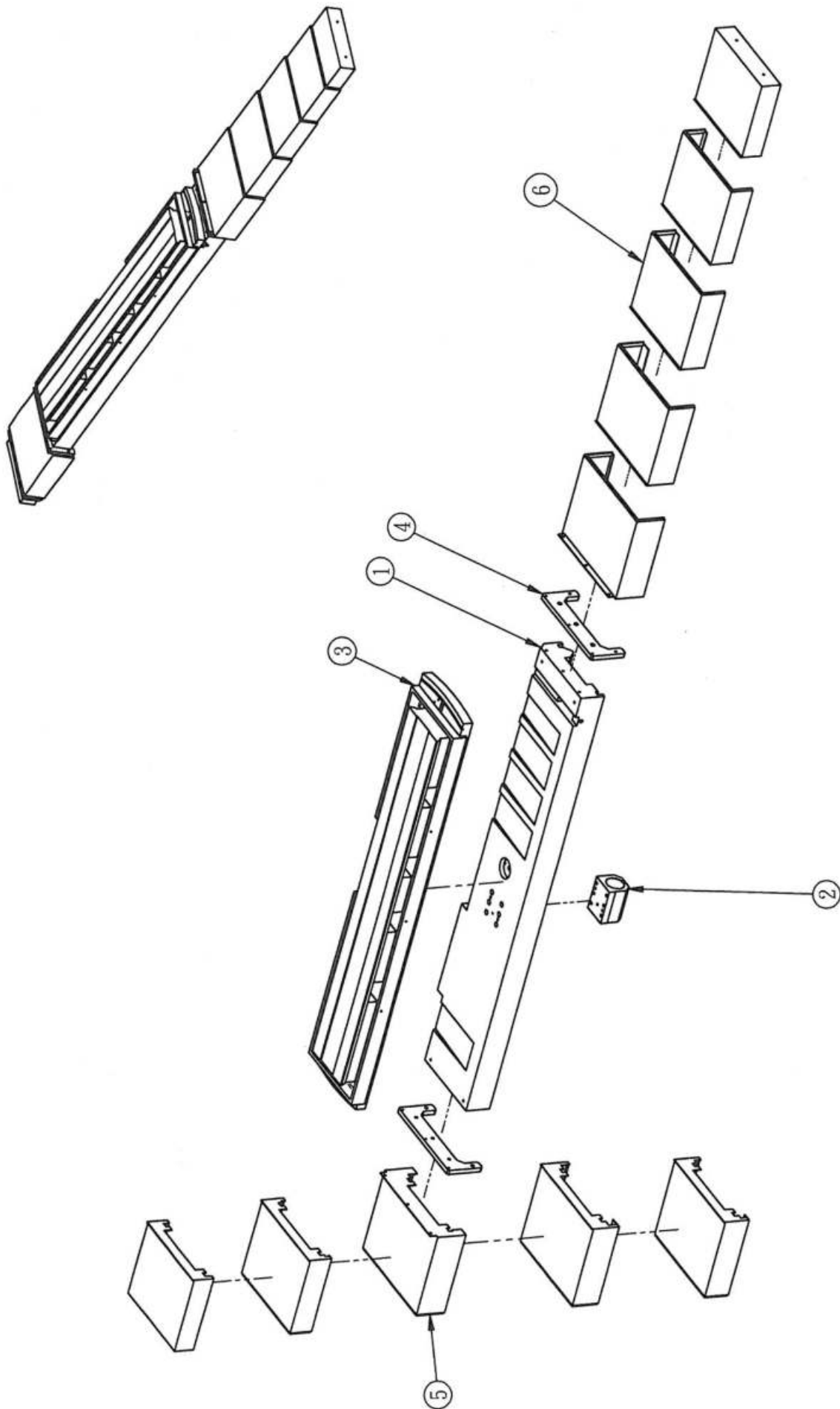


圖號 (NUMBER)	AJ360200
圖名 (DRAWING)	工作滑板(A500)(P750) Table(A500)(P750)
日期 (DATE)	2004/7/13
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
1	KJ360104	下滑板	Lower Slide Plate		1
2	KB060507	軸襯	Bushing		1
3	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	5
4	KN061508	工作滑板	Table		1
5	SD040338	半圓頭螺絲	Round Head Screw		6
6	KB060600	旋轉軸	Rotary shaft		1
7*	SD010674	六角承窩頭螺絲	Screw	M5x0.8x20mm	3
8	KB061003	銅墊圈	Bronze block		1
9	KB061106	銅墊圈	Bronze washer		1
10	KB061209	旋鈕	Adjusting knob		1
11	KB060703	斜度調整軸	Angle adjusting shaft		1
12	SE040022	斜梢	Taper pin	5x20	2
13*	KB060909	固定塊	Fixed plate		1
14	KB060806	傳動塊	Shaft		1
15	SD012140	沉頭內六角螺絲	Screw	M10x1.5x70mm	6
16	KF079228	前洩水板	Front Cover Plate		1
17	KB061302	斜度調整板	Angle adjusting plate		1
18	SD011053	六角承窩頭螺絲	Screw	M6x1.0x15mm	7
19	KB061405	固定塊	Fixed plate		1
20	KJ370702	螺帽固定座(Z軸)	Fixed seat		1
21	SD011565	六角承窩頭螺絲	Screw	M8x1.25x30mm	1
22	KF065801	觸止塊	Stop block		3
23	KN063300	右定位片	Right setting plate		1
24	SD011163	沉頭內六角螺絲	Screw	M6x1.0x60mm	3
25	SD011651	沉頭內六角螺絲	Screw	M8x1.25x65mm	6
26	SE040101	斜梢	Taper pin	6x55mm	5
27	KN063200	量表滑道座	Dial Indicator Guide Way		1
28	KJ361700	刻度銘牌	Zero Point Tag		1
29	SD050225	平頭六角孔螺絲	FLAT SOCKET SCREW	M4X0.7X10L	2
30	KN060507	左定位片	Locating setting plate		1
31	KN063400	歸零指示板	Zero setting indicator		1
32	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	3

圖號 (NUMBER)	AJ360200
圖名 (DRAWING)	工作滑板(A500)(P750) Table(A500)(P750)
日期 (DATE)	2004/7/13
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NO.	Parts No.	件名	Description	Remarks	Qty.
33	KB062303	量表固定塊	Indicator seat		1
34	SD011259	沉頭內六角螺絲	Screw	M6x1.0x110mm	3
35	KB062406	T型螺栓	T-Slot Bolt		1
36	SF630016	把手	Handbar	M6x1.0	1
37		量表	Dial Indicator		1
38	SE070061	斜梢附內牙	TAPER PIN	D8X60L	2
39	KJ373702	固定板	Fixed Block		2
40	SD011541	六角承窩頭螺絲	Screw	M8x1.25x20mm	6
41	KF067607	連動護管固定座	Fixed Seat		1
42	SF150015	公牙管接頭(直型)	ELBOW JOINT	PT1/8XPS1/8	4
43	SF730019	油嘴	Copper Joint	4mm-1/8PT	2



工作滑板

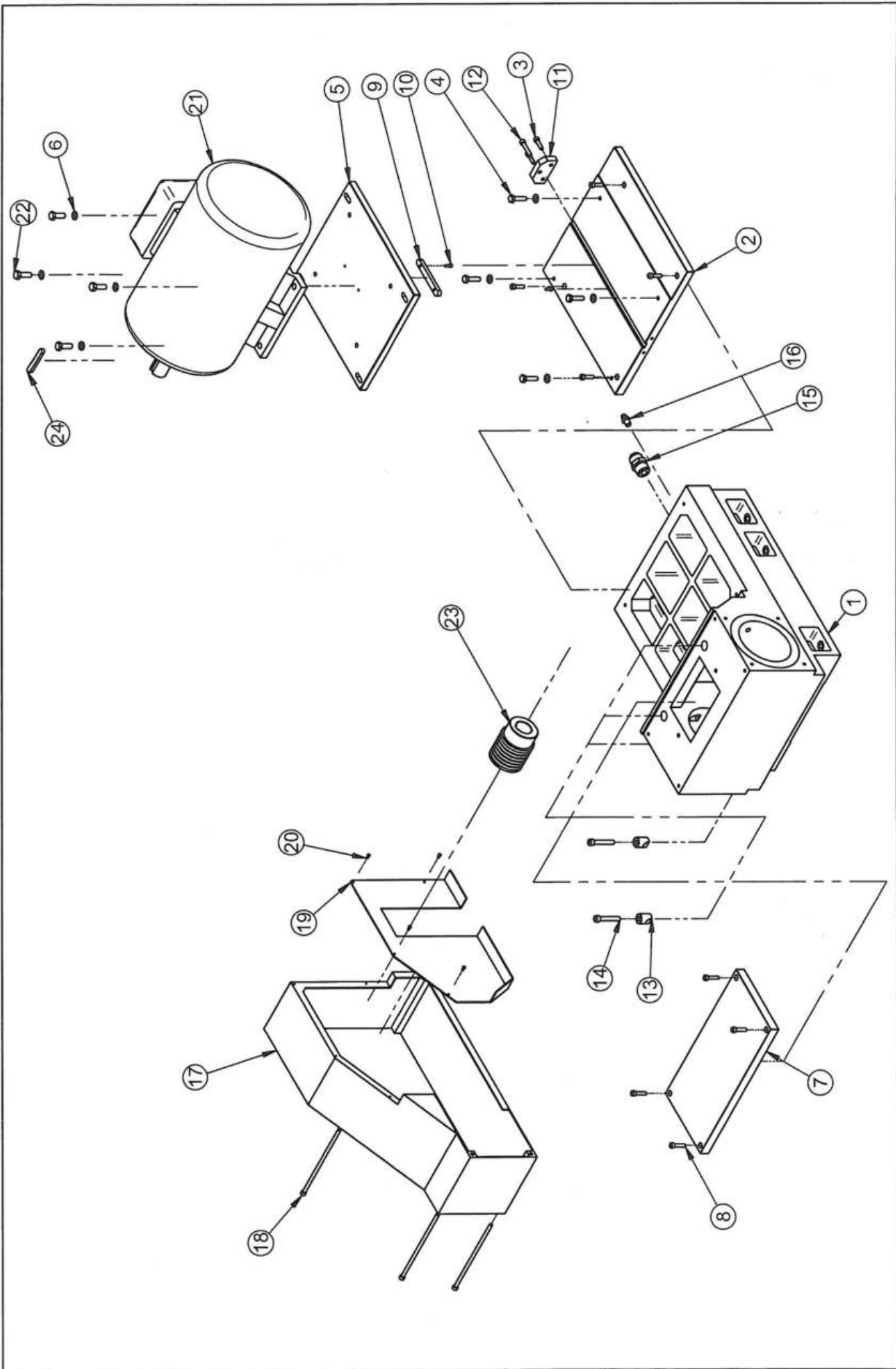
圖名  
(NAME)

圖號 (NUMBER)  
G32A-50CNC

核准 (APP) 沈世傑  
日期 (DATE) 2004/7/2

**SHARP**





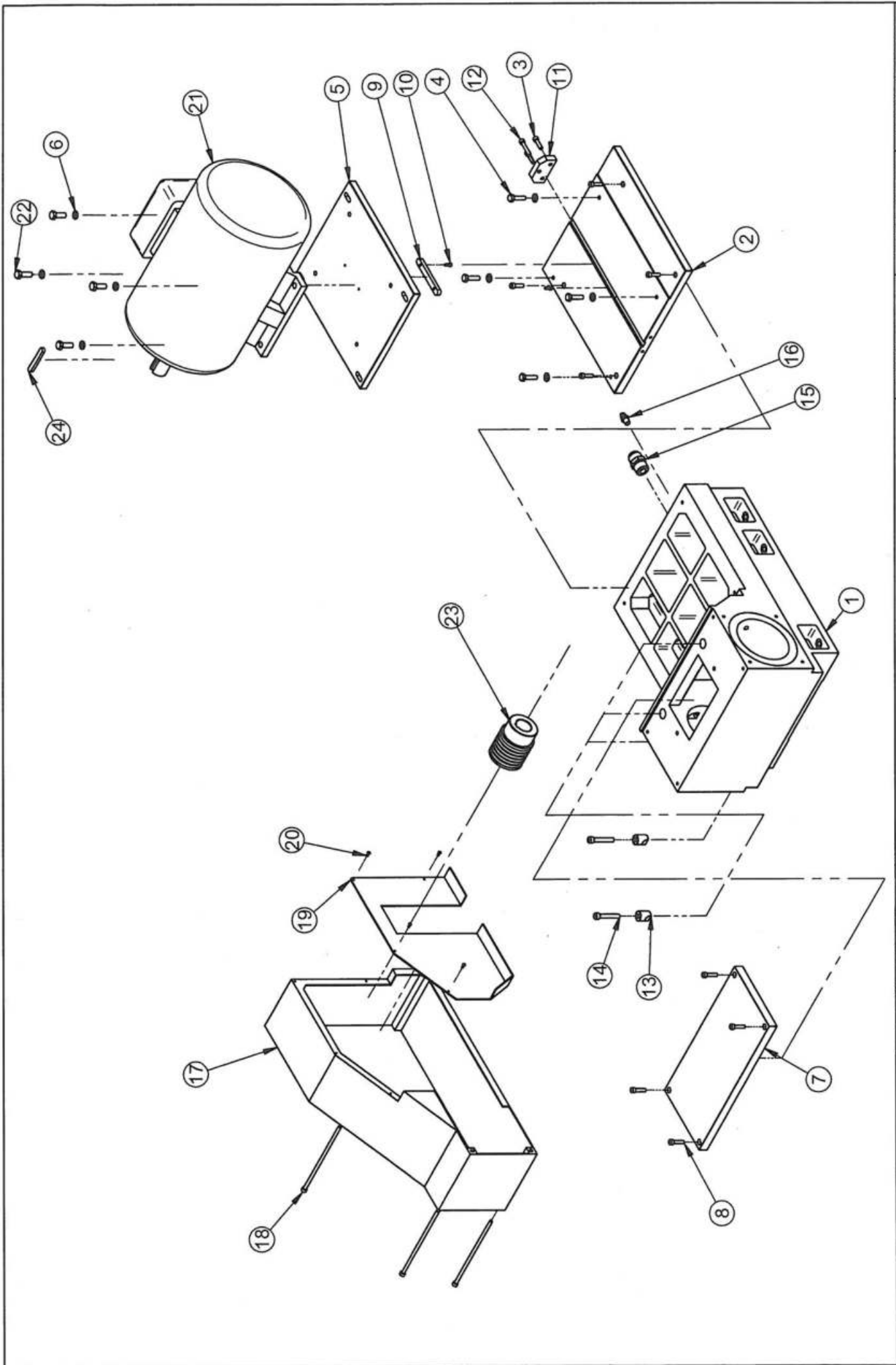
SHARP	圖名 (NAME)	砂輪頭組 (G32) Wheel Head (G32)	核准 (APP)	日期 (DATE)	圖號 (NUMBER)
			沈世傑	2004/7/13	AJ510200



圖號(NUMBER):	AD010100
圖名(DRAWING):	砂輪頭組(G32)(G38) Wheel Head(G45)
日期 DATE):	2005.02.15
頁數(PAGE):	1-1

NO.	件名	名稱	Description	Remarks	Qty.
1	KD014805	砂輪頭	Wheel Head		1
2	BJ015100	砂輪頭後蓋板	Wheelhead rear cover		1
3	SD011565	沉頭內六角螺絲	Screw	M8x1.25x30mm	6
4	SD070621	六角頭螺絲	HEX.HEAD SCREW	M10X1.5X10L	4
5	BJ015200	馬達固定板	Motor fixed plate		1
6	SD800059	平墊圈	Washer	M10	8
7	BJ015500	砂輪頭前蓋板	Wheelhead top cover		1
8	SD011589	沉頭內六角螺絲	Screw	M8x1.25x35mm	4
9	KB018709	固定鍵	Fixed key		1
10	SD010650	沉頭內六角螺絲	Screw	M5x0.8x15mm	2
11	KB018800	調整片	Adjusting plate		1
12	SD011613	沉頭內六角螺絲	Screw	M8x1.25x45mm	1
13	KD015105	固定塊	Fixed plate		2
14	SD012133	沉頭內六角螺絲	Screw	M10x1.5x65mm	2
15	SF150091	公牙管接頭(直型)	ELBOW JOINT	PT1XPS1	1
16	SF150039	公牙管接頭(直型)	ELBOW JOINT	PT1/4XPS1/4	1
17	BJ015300	皮帶輪護罩	Belt cover		1
18	SD011802	沉頭內六角螺絲	Screw	M8x1.25x210mm	3
19	BJ015400	皮帶輪護罩蓋	Pulley guard		1
20	K2	T型螺絲	FG		4
21		馬達	Motor	15hp	1
22	SD070913	六角頭螺絲	HEX.HEAD SCREW	M12X1.75X10L	4
23	BJ014300	馬達皮帶輪	Motor pulley		1
24		鍵	Key	8x12x80mm	1
25	KD014908	砂輪頭	Wheel Head	G38	1

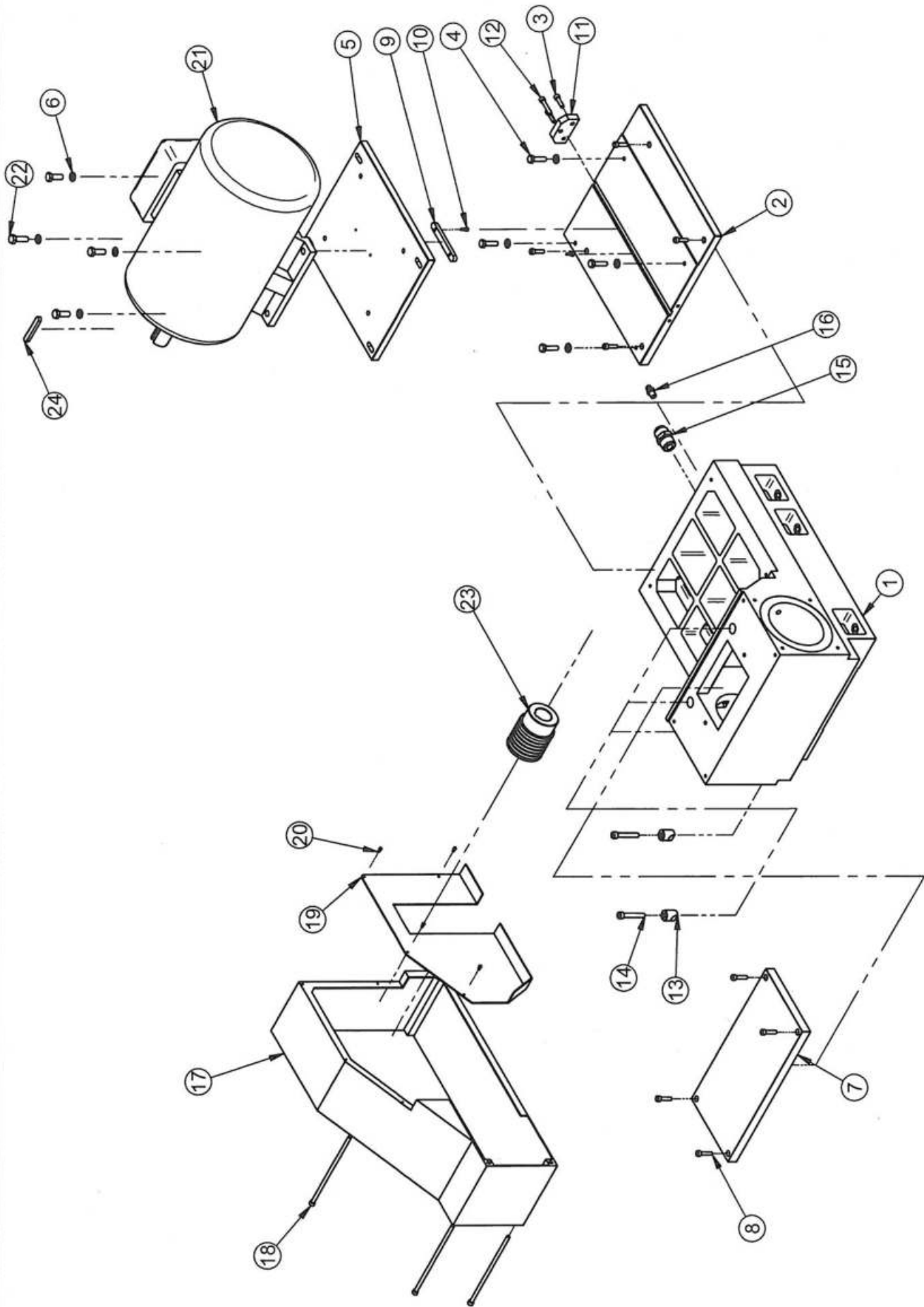




圖名 (NAME)	砂輪頭組(G38)	核准 (APP)	日期 (DATE)	圖號 (NUMBER)
	Wheel Head(G38)	沈世傑	2004/7/13	AJ510200

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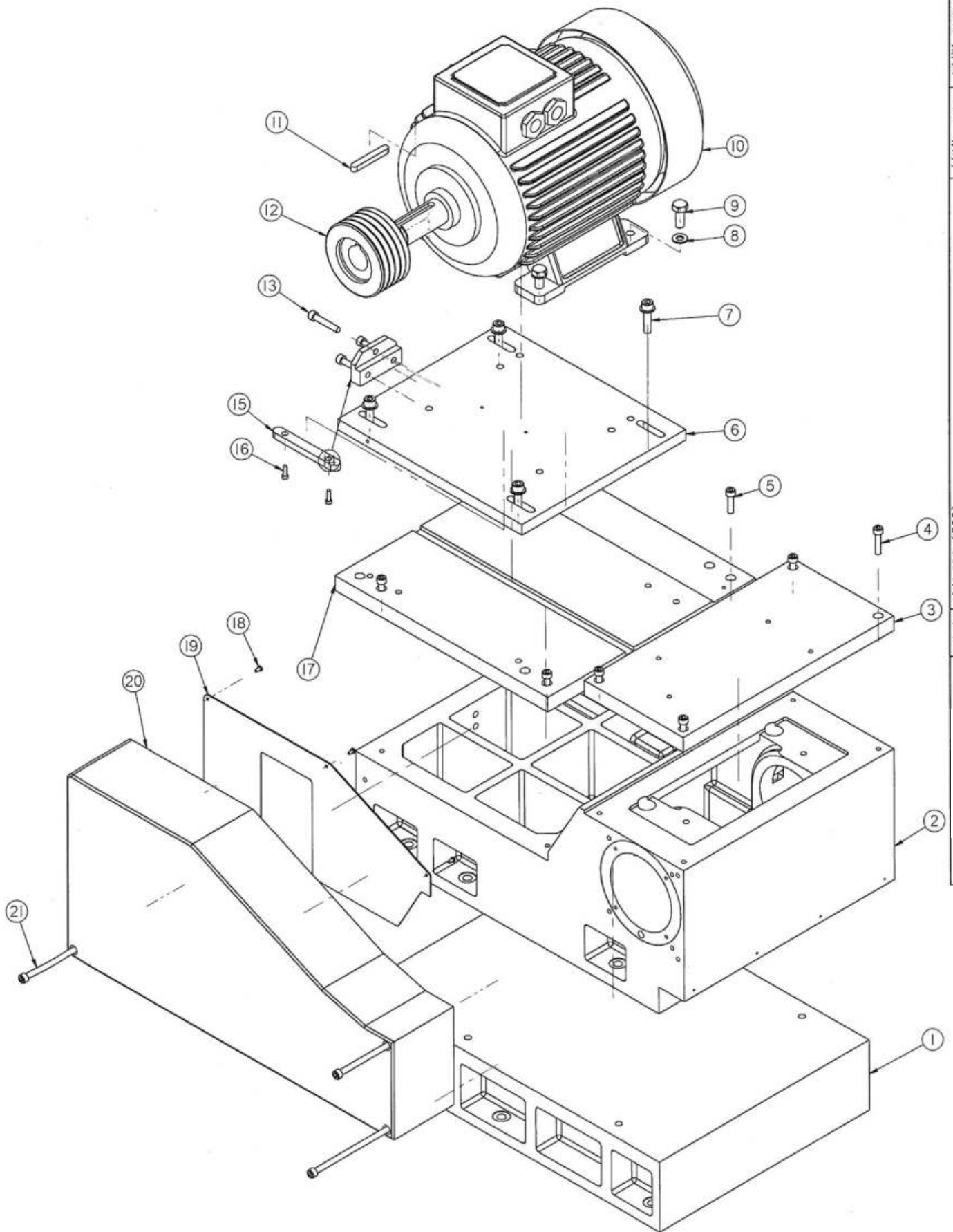


圖名 (NAME)	砂輪頭組(G45)	核准 (APP)	日期 (DATE)	圖號 (NUMBER)
	Wheel Head(G45)	沈世傑	2004/7/13	AJ510300

**SHARP**

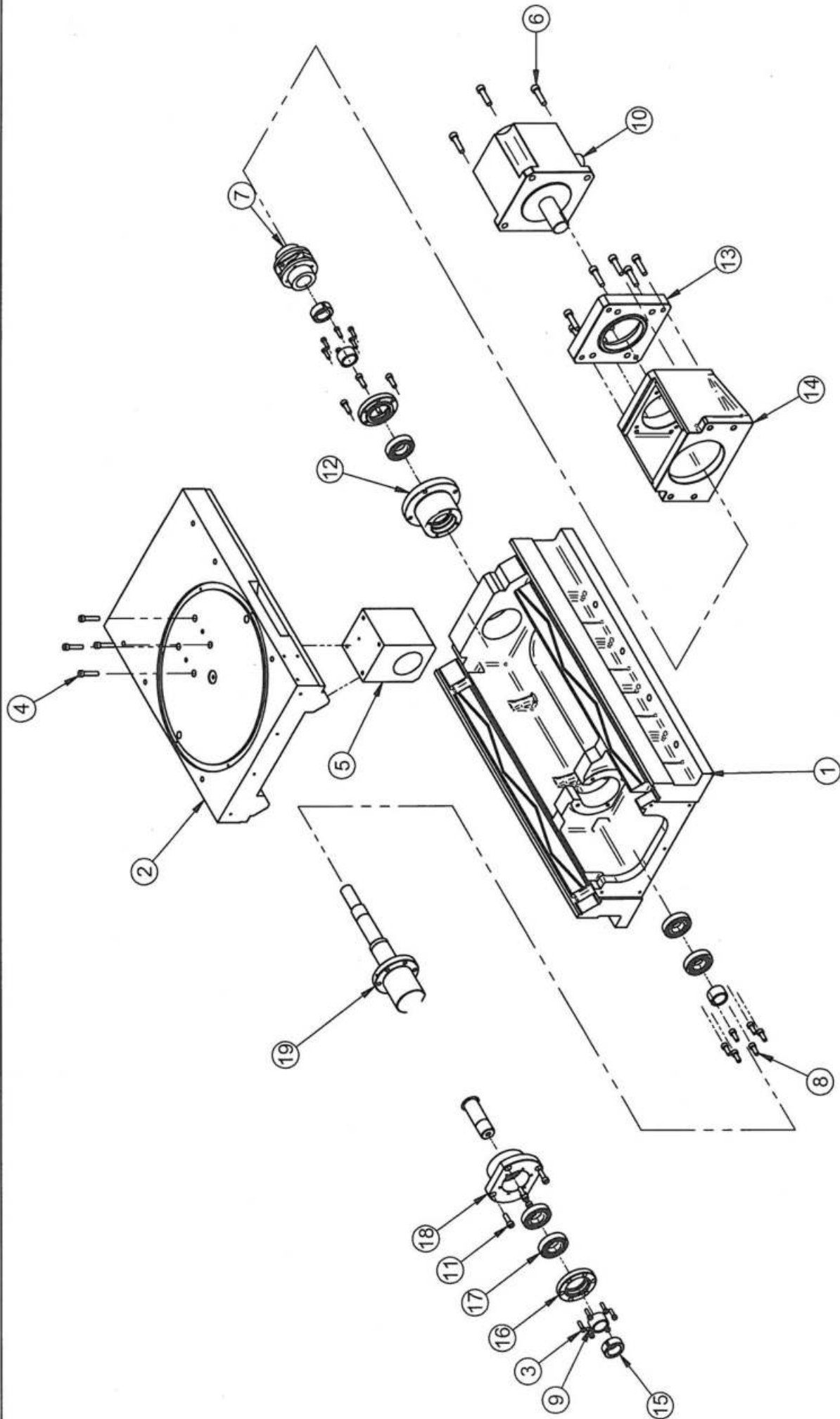
圖號(NUMBER):	AJ510300
圖名(DRAWING):	砂輪頭組(G45)( $\phi$ 610砂輪直徑)
	Wheel Head(G45)
日期 DATE):	2005.02.15
頁數(PAGE):	1-1

NO.	件名	名稱	Description	Remarks	Qty.
1	KJ571800	砂輪頭	Wheel Head		1
2	BJ015100	砂輪頭後蓋板	Wheelhead rear cover		1
3	SD011565	沉頭內六角螺絲	Screw	M8x1.25x30mm	6
4	SD070621	六角頭螺絲	HEX.HEAD SCREW	M10X1.5X10L	4
5	BJ015200	馬達固定板	Motor fixed plate		1
6	SD800059	平墊圈	Washer	M10	8
7	BJ015500	砂輪頭前蓋板	Wheelhead top cover		1
8	SD011589	沉頭內六角螺絲	Screw	M8x1.25x35mm	4
9	KB018709	固定鍵	Fixed key		1
10	SD010650	沉頭內六角螺絲	Screw	M5x0.8x15mm	2
11	KB018800	調整片	Adjusting plate		1
12	SD011613	沉頭內六角螺絲	Screw	M8x1.25x45mm	1
13	KD015105	固定塊	Fixed plate		2
14	SD012133	沉頭內六角螺絲	Screw	M10x1.5x65mm	2
15	SF150091	公牙管接頭(直型)	ELBOW JOINT	PT1XPS1	1
16	SF150039	公牙管接頭(直型)	ELBOW JOINT	PT1/4XPS1/4	1
17	BJ015300	皮帶輪護罩	Belt cover		1
18	SD011802	沉頭內六角螺絲	Screw	M8x1.25x210mm	3
19	BJ015400	皮帶輪護罩蓋	Pulley guard		1
20	K2	T型螺絲	FG		4
21		馬達	Motor	15hp	1
22	SD070913	六角頭螺絲	HEX.HEAD SCREW	M12X1.75X10L	4
23	BJ014300	馬達皮帶輪	Motor pulley		1
24		鍵	Key	8x12x80mm	1
25					
26					
27					
28					
29					
30					
31					
32					
33					



	VGL01010006	1階
圖號 (NUMBER)	AGH01010006	2階
圖名 (DRAWING)	砂輪頭組(G60)	
	Wheel Head	
日期 (DATE)	2013/3/26	
頁數 (PAGE)	2-1	

NO.	Parts No.	件名	Description	Remarks	Qty.
1	KK410010	砂輪頭墊塊	Block		1
2	KD014908	砂輪頭	Wheel head		1
3	KD013103	砂輪頭前蓋板	Wheel head front cover plate		1
4	SD01001589	沉頭內六角螺絲	Hex. socket screw	M8x1.25x35L	1
5	SD01001565	沉頭內六角螺絲	Hex. socket screw	M8x1.25x30L	1
6	KB018603	馬達固定板	Motor fixed plate		1
7	SD01002085	沉頭內六角螺絲	Hex. socket screw	M10x1.5x40L	1
8	SD80000059	平墊圈	Flat washer	M10	1
9	SD07000968	六角頭螺絲	Hex. head screw	M12x1.75x30L	1
10	SK80001060	交流馬達(臥式, V3)-西門子	AC-Motor	10HP*4P*220/380V/460V/50HZ	1
11		雙頭圓鍵	KEY	10x8x70L	1
12	KC014702	馬達皮帶輪	Motor pulley		1
13	SD01001613	沉頭內六角螺絲	Hex. socket screw	M8x1.25x45L	1
14	KB018810	調整片	Adjusting parcel		1
15	KB018706	固定鍵	Fixed key		1
16	SD01000650	沉頭內六角螺絲	Hex. socket screw	M5xP0.8x16L	1
17	KD013505	砂輪頭後蓋板	Wheel head rear cover plate		1
18	SD04000039	半圓頭六角孔螺絲	Round head socket screw	M4xP0.7x8L	1
19	KJ017107	皮帶輪護罩蓋	Pulley guard		1
20	KJ017200	皮帶護罩	Belt cover		1
21	SD01001802	沉頭內六角螺絲	Hex. socket screw	M8x.25x210L	1



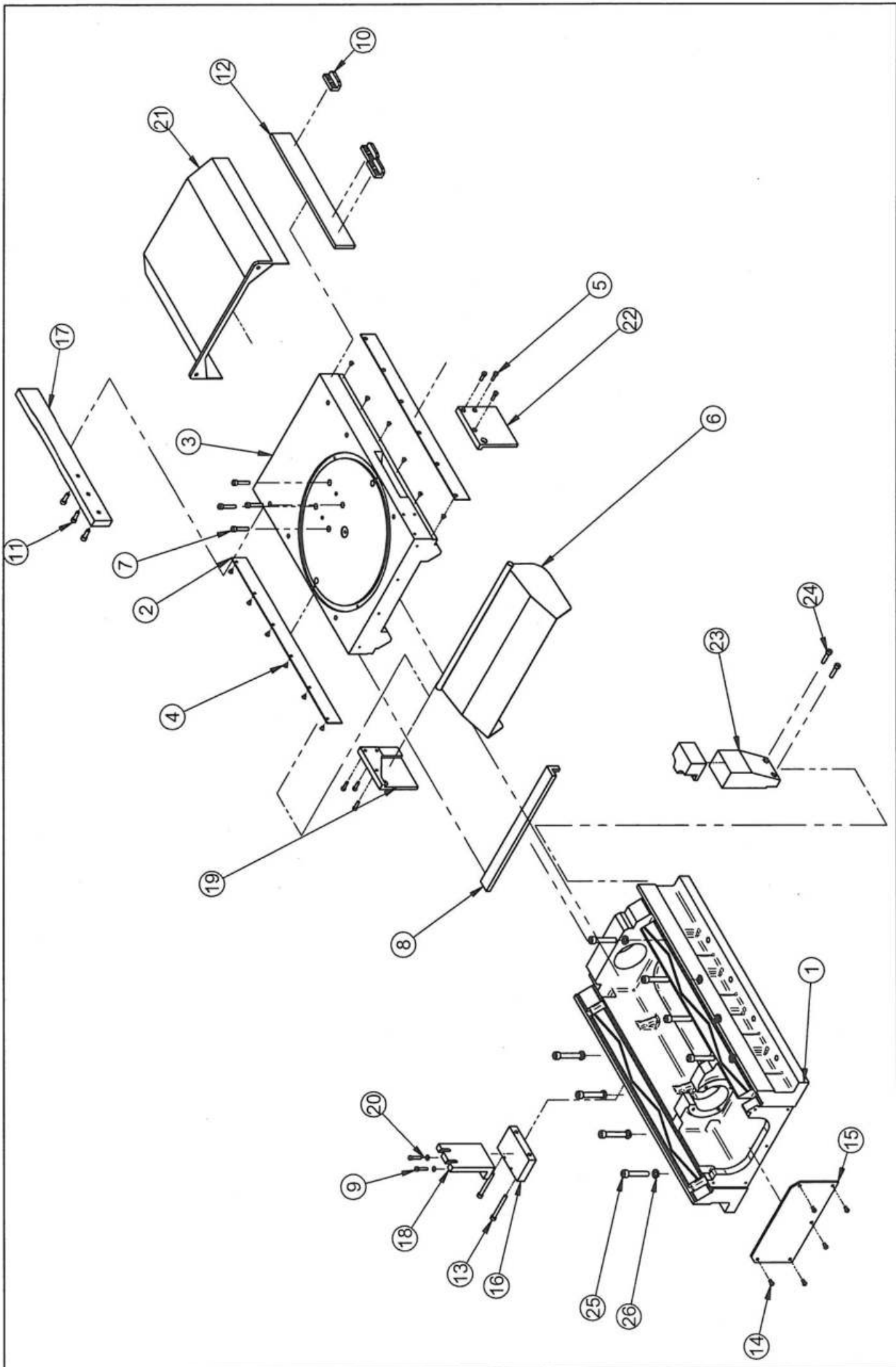
SHARP	鞍座(一)	核准 (APP)	日期 (DATE)	圖號 (NUMBER)
	Saddle(1)	沈世傑	2004/7/13	AJ350100



圖號 (NUMBER)	AJ350100
圖名 (DRAWING)	鞍座(一) Saddle(1)
日期 (DATE)	2004/7/13
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
1	KJ351200	鞍座	Saddle		1
2	KJ351100	鞍座滑板	Slide Plate		1
3	SD011077	沉頭內六角螺絲	HEX. SOCKET SCREW	M6X1X20L	1
4	SD011606	沉頭內六角螺絲	HEX. SOCKET SCREW	M8X1.25X40L	1
5	KF054102	土地公	BESHING		1
6	SD012085	沉頭內六角螺絲	Screw	M10x40	1
7		聯軸器	Coupling		1
8	SD011541	沉頭內六角螺絲	HEX. SOCKET SCREW	M8X1.25X20L	1
9	KF052519	間隔環	Spacer		1
10		伺服馬達	Servo motor		1
11	SD011558	沉頭內六角螺絲	HEX. SOCKET SCREW	M8X1.25X25L	1
12	KJ351400	軸承座	Bearing Seat		1
13	KF052306	馬達板	Motor fixed plate		1
14	KJ351300	馬達座	MOTOR SEAT		1
15	SD260448	精密鎖緊螺帽	Setting Nut	YSF M30x1.5	1
16	KF052612	軸承座蓋	Bearing seat cover		1
17	SA04	斜角滾珠軸承	BALLSCREW SUPPORT BEARING	30TAC62B	1
18	KJ351500	軸承座	BEARING SEAT		1
19	KF050500	X軸滾珠螺桿	X-Axis Ball Screw		1





圖號 (NUMBER)	AJ350100
日期 (DATE)	2004/7/13
核准 (APP)	沈世傑
圖名 (NAME)	鞍座(二) Saddle(2)
SHARP	

圖號 (NUMBER)	AJ350100
圖名 (DRAWING)	鞍座(二) Saddle(2)
日期 (DATE)	2004/7/13
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
1	KJ351200	鞍座	Saddle		1
2	KF053101	固定壓板	Fixed plate		2
3	KJ351100	鞍座滑板	Slide Plate		1
4	SD050438	平頭六角孔螺絲	FLAT SOCKET SCREW	M5X0.8X8L	12
5	SD011077	沉頭內六角螺絲	HEX. SOCKET SCREW	M6X1X20L	6
6	KD055300	前防塵罩	Fornt dust shield		1
7	SD011606	沉頭內六角螺絲	HEX. SOCKET SCREW	M8X1.25X40L	4
8	KJ051501	防塵擋水壓板	Front Cover		1
9	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	2
10	KF065801	觸止塊	Stop block		3
11	SD011541	六角承窩頭螺絲	Screw	M8x1.25x20mm	3
12	KF054401	極限板	Limit plate		1
13	SD011675	沉頭內六角螺絲	Screw	M8x1.25x75mm	2
14	SD040644	圓頭六角孔螺絲	ROUND HEAD SOCKET SCREW	M6X1X12L	5
15	KJ351600	鞍座前蓋板	Saddle fornt cover		1
16	KF054308	光學尺固定座(二)	Fixed seat		1
17	KF054504	光學尺固定座	Fixed Seat		1
18	KF054205	光學尺固定座	Fixed Block		1
19	KF050816	防塵罩左側壓板	Pressing Slab For Left Wedge		1
20*	SD800035	平墊圈	Washer	M6	2
21	KD053613	後防塵罩	Dust guard		1
22	KF050713	防塵罩右側壓板	Pressing Slab For Right Side Cover Plank		1
23	KF053314	極限開關支架	Limit switch bracket		1
24	SD011565	六角承窩頭螺絲	Screw	M8x1.25x30mm	2
25	SD012511	沉頭內六角螺絲	Screw	M12x1.75x65mm	8
26	SD810063	彈簧墊圈	Spring Washer	M12	8

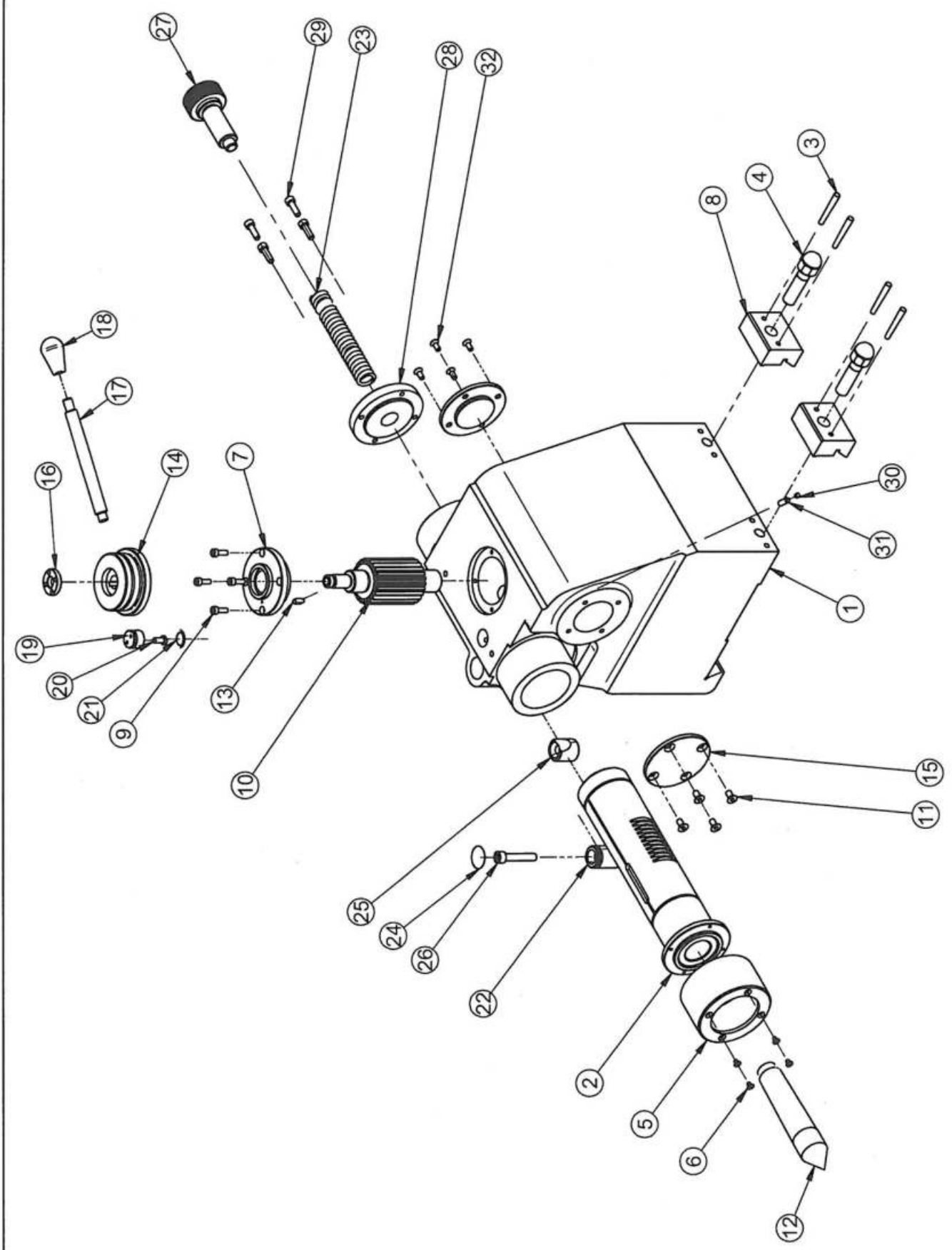


圖號 (NUMBER)	AN030300
圖名 (DRAWING)	MT4-油壓尾座(G38) MT4-Tailstock(Hydraulic)(G38)
日期 (DATE)	2004/7/13
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
1	KN030403	尾座(加高型)	TAIL STOCK		1
2	KD030908	滑筒(MT4)	sleeve		1
3	SE100089	鍵	Key	5x5x15mm	1
4	KD030609	前防塵蓋	dust cover		1
5	KB031301	齒軸	teeth rod		1
6	SD010643	六角承窩頭螺絲	Screw	M5x0.8x12mm	4
7	SD050445	平頭六角孔螺絲	FLAT SOCKET SCREW	M5X0.8X10L	4
8	KB031404	固定蓋	Fixed Cover		1
9	KB031507	固定旋鈕	Drive Block		1
10	KB031703	鎖緊螺帽	setting nut		1
11	KB031600	把手	handbar		1
12	SE660017	3/8'黑珠	plastic knob	3/8'	1
13		頂針	Center	MT4	1
14	KD030702	後防塵蓋	rear dust cover		1
15	SD010674	六角承窩頭螺絲	Screw	M5x0.8x20mm	4
16	KB030609	調整旋鈕	adjusting boss		1
17	KB030403	彈簧	spring		1
18	KB030805	固定軸	Fixed arbor		1
19*	KB030702	支持塊	Supporting Block		1
20	SH200123	O型圈	O-Ring	P15	1
21	KB031002	上固定塊	fixed plate		1
22	SF140049	公牙管接頭(90°)	ELBOW JOINT(90°)	PT3/8XPS3/8	1
23	SH200312	O型圈	O-Ring	P45	1
24	KB030908	下固定塊	fixed plate		1
25	SH030018	活塞油封	Seal	SUI 48x32x10	1
26	SH200240	O型圈	O-Ring	P42	1
27	KB034108	彈簧	spring		1
28	KB034005	擋塊	block		1
29	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	8
30	SH200161	O型圈	O-Ring	P21	1
31	SD011606	沉頭內六角螺絲	Screw	M8x1.25x40mm	1
32	KB034500	左防漏蓋			1

圖號 (NUMBER)	AN030300
圖名 (DRAWING)	MT4-油壓尾座(G38)
	MT4-Tailstock(Hydraulic)(G38)
日期 (DATE)	2004/7/13
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
33	KN020406	固定塊	Fixed Block		2
34	KB034201	行程軸	cylinder		1
35	KN030207	固定塊螺絲	fixed block screw		2
36	SE040050	斜梢	Tapar pin	5x35mm	4
37	KB034304	後防漏蓋	back aerateable screw		1



SHARP	圖名 (NAME)	MT4-尾座(G45)	核准 (APP)	沈世傑	日期 (DATE)	2004/7/13	圖號 (NUMBER)	AN030600
		MT4-Tailstock(G45)						

圖號 (NUMBER)	AN030600
圖名 (DRAWING)	MT4-尾座(G45)
	MT4-Tailstock(G45)
日期 (DATE)	2004/7/13
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
1	BJ570200	尾座			1
2	KD030908	滑筒(MT4)	sleeve		1
3	SE040050	斜梢	Tapar pin	5x35mm	4
4	KN030207	固定塊螺絲	fixed block screw		2
5	KD030609	前防塵蓋	dust cover		1
6	SD050205	平頭六角孔螺絲	FLAT SOCKET SCREW	M4X0.7X6L	4
7	KB031404	固定蓋	Fixed Cover		1
8	KN020406	固定塊	Fixed Block		2
9	SD010650	內六角沉頭螺絲	Screw	M5x0.8x15mm	4
10	KB031301	齒軸	teeth rod		1
11	SD050768	平頭六角孔螺絲	FLAT SOCKET SCREW	M6X1X12L	4
12		頂針	Center	MT4	1
13	SE100072	鍵	Key	5x5x12mm	1
14	KB031507	固定旋鈕	Drive Block		1
15	KB031105	前防漏蓋	leaking guard		2
16	KB031703	鎖緊螺帽	setting nut		1
17	KB031600	把手	handbar		1
18	SE660017	3/8'黑珠	plastic knob	3/8'	1
19	KB030805	固定軸	Fixed arbor		1
20	KB030702	支持塊	Supporting Block		1
21	SH200123	O型圈	O-Ring	P15	1
22	KB031002	上固定塊	fixed plate		1
23	KB030403	彈簧	spring		1
24	SH200161	O型圈	O-Ring	P21	1
25	KB030908	下固定塊	fixed plate		1
26	SD012092	六角承窩頭螺絲	Screw	M8x1.25x45mm	1
27	KB030609	調整旋鈕	adjusting boss		1
28	KD030702	後防塵蓋	rear dust cover		1
29	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	4
30	S2300027	銅墊塊(5x3)	Bronze Washer		1
31	SD030661	無頭螺絲	Setting Screw	M6x1.0x16mm	1
32	SD050452	平頭六角孔螺絲	FLAT SOCKET SCREW	M5X0.8X12L	4



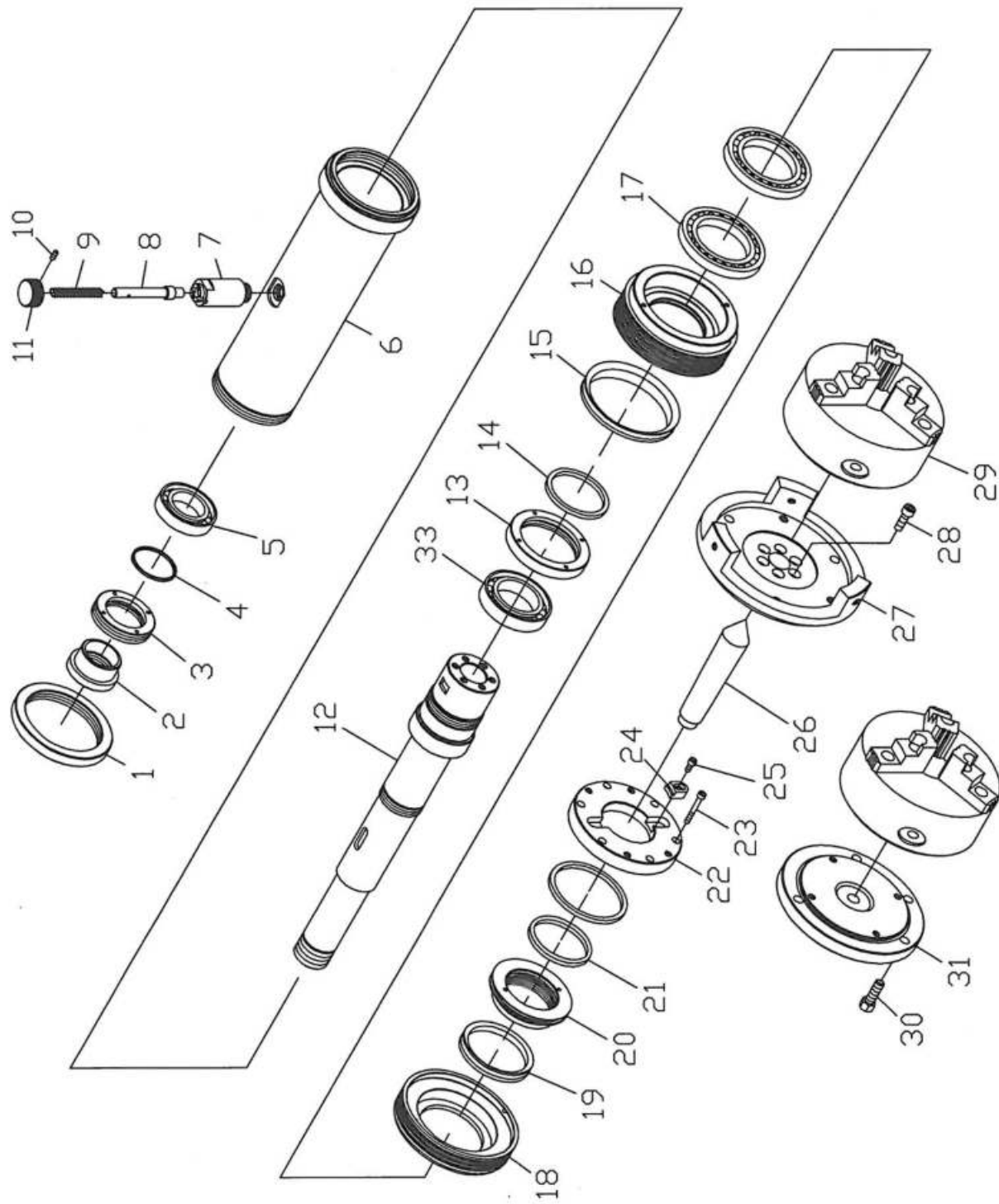
圖號(NUMBER):	
圖名(DRAWING):	MT4.MT5尾座(G32.38.45.50)
日期 DATE):	2008.09.16
頁數(PAGE):	2-1

NO.	件號/Parts No.	件名	Description	Remarks	Qty.
1	KN030104	尾座	Tail Stock	G32	1
	KN030403	尾座(加高型)	Tail Stock	G38	1
	BJ570200	尾座	Tail Stock	G45	1
	KN330100	尾座	Tail Stock	G50	1
2	KD030908	滑筒(MT4)	Sleeve	(MT4-25mm)	1
	KD030506	滑筒(MT5)	Sleeve	(MT5-25mm)	1
	KD031507	滑筒(MT4)	Sleeve	(MT4-50mm)	1
	KD031002	滑筒(MT5)	Sleeve	(MT5-50mm)	1
3	SE040050	斜梢	Tapar Pin	5x35mm	5
4	KN030207	固定塊螺絲	Fixed Block Screw		2
5	KD030609	前防塵蓋	Dust Cover		1
6	SD050205	平頭六角孔螺絲	Flat Socket Screw	M4x0.7x6L(G45)	4
	SD050445	平頭六角孔螺絲	Flat Socket Screw	M5x0.8x10L(G32.38)	4
7	KB031404	固定蓋	Fixed Cover		1
8	KN020406	固定塊	Fixed Block		2
9	SD010650	內六角沉頭螺絲	Screw	M5x0.8x15mm(G45)	4
	SD010643	六角承窩頭螺絲	Scerw	M5x0.8x12mm(G32.38)	7
10	KB031301	齒軸	Teeth Rod		1
11	SD050768	平頭六角孔螺絲	Flat Socket Screw	M6x1x12L	8
12		頂針	Center	MT4	1
13	SE100072	鍵	Key	5x5x12mm(G45)	1
	SE100089	鍵	Key	5x5x15mm(G32&G38)	1
14	KB031507	固定旋鈕	Drive Block		1
15	KB031105	前防漏蓋	Leaking Guard		2
16	KB031703	鎖緊螺帽	Setting Nut		1
17	KB031600	把手	Handbar		1
18	SE660017	3/8"黑珠	Plastic Knob	3/8"	1
19	KB030805	固定軸	Fixed Arbor		1
20	KB030702	支持塊	Supporting Block		1
21	SH200123	O型圈	O-Ring	P15	1
22	KB031002	上固定塊	Fixed Plate		1



圖號(NUMBER):	
圖名(DRAWING):	MT4-尾座(G32.38.45.50)
日期 DATE):	2008.09.16
頁數(PAGE):	2-2

NO.	件號/Parts No.	件名	Description	Remarks	Qty.
23	KB030403	彈簧	Spring		1
24	SH200161	O型圈	O-Ring	P21	1
25	KB030908	下固定塊	Fixed Plate		1
26	SD012092	六角承窩頭螺絲	Screw	M8x1.25x45mm(G45)	1
	SD011606	沉頭內六角螺絲	Screw	M8x1.25x40mm(G32.38)	1
27	KB030609	調整旋鈕	Adjusting Boss		1
28	KD030702	後防塵蓋	Rear Dust Cover		1
29	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm(G45)	4
	SD010674	六角承窩頭螺絲	Screw	M5x0.8x20mm(G32.38)	7
30	S2300027	銅墊塊(5X3)	Bronze Washer	(G45)	1
31	SD030661	無頭螺絲	Setting Screw	M6x1.0x16mm(G45)	1
32	SD050452	平頭六角孔螺絲	Flat Socket Screw	M5x0.8x12L(G45)	4

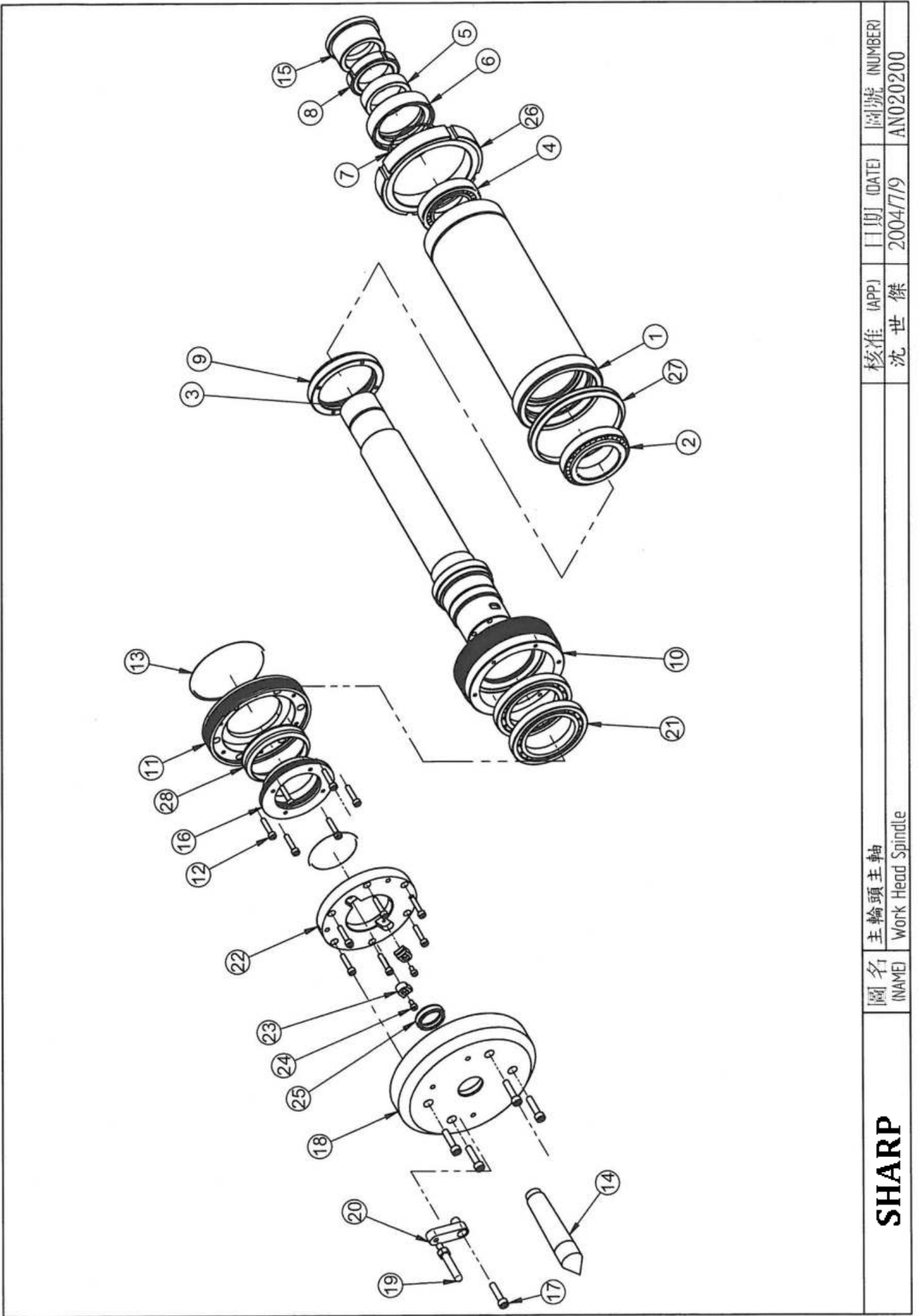


主輪軸(WORKHEAD-SPINGL)	圖名 (NAME)	核准 (APPROVE)	日期 (DATE)	圖號 (NUMBER)
			2004.07.12	PB020220

圖號(NUMBER):	PB020220
圖名(DRAWING):	主輪台主軸-I WORKHEAD SPINDLE
日期 DATE):	2004.07.12
頁數(PAGE):	2-1

NO.	件號/Parts No.	件名	Description	Remarks	Qty.
1.		鎖緊螺帽	Lock nut	M120x2	1
2.	KB022202	鎖緊螺帽	Lock nut		1
3.		防塵螺帽	Dust-Proof nut	M55x1.5	1
4.		O型圈	O-Ring	G70	1
5.		滾柱軸承	Angular contact ball bearing	32011	1
6.	KN020901	主軸套筒	Graduated circle		1
7.	KB024606	固定栓座	Plunger		1
8.	KB024802	固定栓	Fixed bolt		1
9.	KB024709	彈簧	Spring		1
10.		平行栓	Pin	$\phi$ 3x20L	1
11.	KB024905	固定栓鈕	Cotter		1
12.	KN020602	主軸(MT4)	Spindle housing (MT4)		1
	KN020705	主軸(MT5)	Spindle housing (MT5)		1
	KN020808	主軸(5C)	Spindle housing (5C)		1
13.	KN021500	防塵螺帽	Dust-Proof nut		1
14.		O型圈	Asbestos ring	G70	1
15.		V型油封	Oil seal	V95	1
16.	KN021407	鎖緊螺帽	Flat pulley		1
17.		斜角滾珠軸承	Ball bearing	16015	2
18.	KN021201	內間隔環	Dust-proof bushing		1
19.		V型油封	Oil seal	V-95S	1
20.	KC026206	前防塵螺帽	Front dust-proof		1
21.		防塵棉	Asbestos ring	5x233L	1
22.	KN021108	帶動盤	Clutch		1
23.		內六角螺絲	Socket screw	M5x30L	6
24.	KC026608	主軸離合器	Clutch		2
25.		內六角螺絲	Socket screw	M5x12L	2
26.		頂針	Dead center	MT4	1
27.	KN021706	三爪夾頭背板(6")	Adjustable back plate(6")		1
	KN022109	三爪夾頭背板(7")	Adjustable back plate(7")		1
	KN022006	三爪夾頭背板(8")	Adjustable back plate(8")		1
	KN022501	三爪夾頭背板(9")	Adjustable back plate(9")		1
28.		頂針	Socket screw	M8x25L	6





**SHARP**

圖名  
(NAME)

主輪頭主軸  
Work Head Spindle

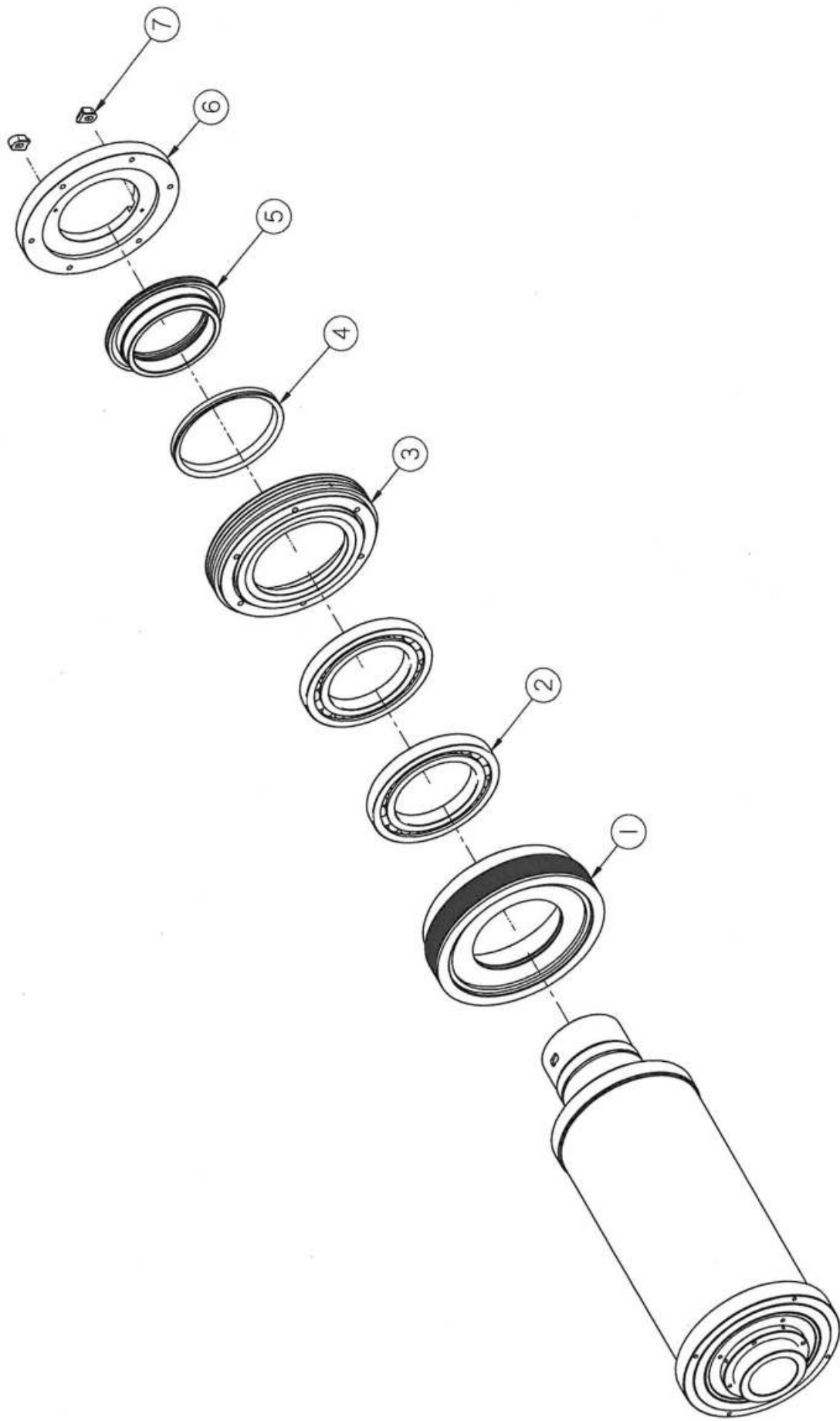
核准 (APP)  
沈世傑

日期 (DATE)  
2004/7/9

圖號 (NUMBER)  
AN020200

圖號 (NUMBER)	AN020200
圖名 (DRAWING)	主輪頭主軸
	Work Head Spindle
日期 (DATE)	2004/7/9
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
1	KN020901	主輪頭套筒	Work Head Sleeve		1
2	SA210115	滾錐軸承	ROLLER BEARING	32013	1
3	KN020602	主輪台主軸	Work Head Spindle		1
4	SA210110	滾錐軸承	ROLLER BEARING	32011	1
5	KN021809	間隔環	SPACER		1
6	KN021603	鎖緊螺帽	Setting Nut		1
7	SH210106	O型圈	O-Ring	G70	2
8	SD260448	精密螺帽	NUT	YSRM55X1	1
9	KN021500	防塵螺帽	DUST PROOF NUT		1
10	KN021407	平皮帶輪	FLAT PULLEY		1
11	KN021201	防塵蓋	DUST COVER		1
12	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	12
13	SH210182	O型圈	O-Ring	G110	1
14		頂針	Center	MT4	1
15	KN021005	鎖緊螺帽			1
16	KN021304	前防塵螺帽	fornt dust proof nut		1
17	SD011565	六角承窩頭螺絲	Screw	M8x1.25x30mm	5
18	KN022903	外蓋(MT4)	Outer cover		1
19	KB023007	帶動桿	Handle		1
20	KB022903	帶動片	Crank		1
21	SA001166	滾珠軸承	Ball Bearing	16015	2
22	KN021108	帶動盤	DRIVER		1
23	KC026608	主軸離合器	Spindle clutch		2
24	SD010674	六角承窩頭螺絲	Screw	M5x0.8x20mm	2
25	SH010076	油封:TC規格	OIL SEAL	TC32.45.7	1
26	SD260480	鎖緊螺帽	NUT	YSRM120X2	1
27	SH090029	V型油封	V-Type Oil Seal		1
28	SH090015	V型油封	V Type Oil Seal	V95S	1



圖名 (NAME) D65孔主輪軸

圖號 (NUMBER) AB024800

日期 (DATE) 2012/10/23

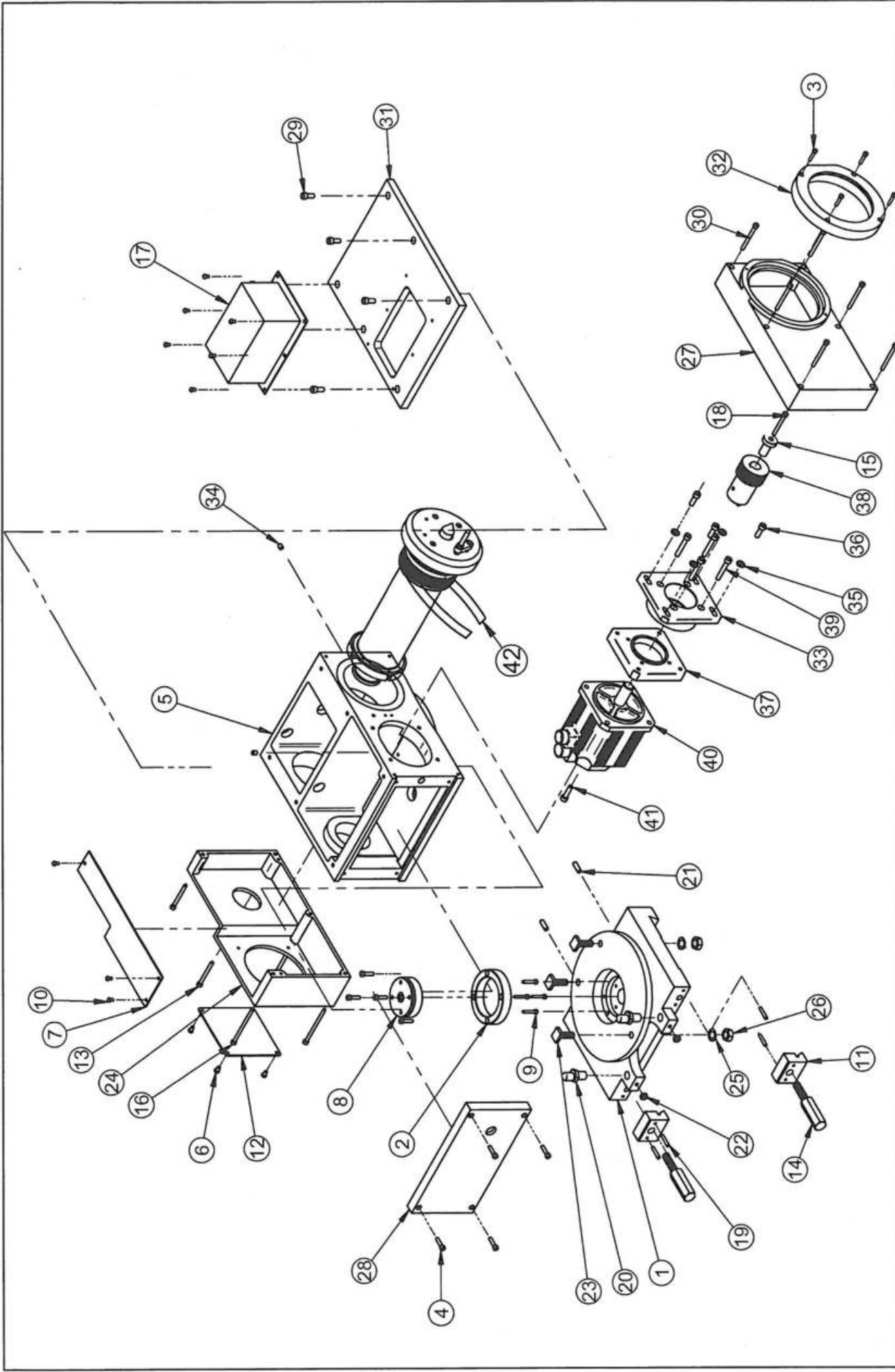
核准 (APP) 林榮涼

**SHARP**

圖號 (NUMBER)	AB024800
圖名 (DRAWING)	D65孔主輪軸
日期 (DATE)	2012/10/23
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
1	BB024802	平皮帶輪	Flat pulley		1
2	SA001173	單列深槽滾珠軸承	Ball bearing	16022	2
3	BB024606	防塵蓋	Dust cover		1
4	SH090029	V型油封	V type oil seal	V130S	1
5	BB024709	前防塵螺帽	Front dust proof nut		1
6	BB024400	帶動盤	Driving disk		1
7	KC026608	主軸離合器	Spindle clutch		2



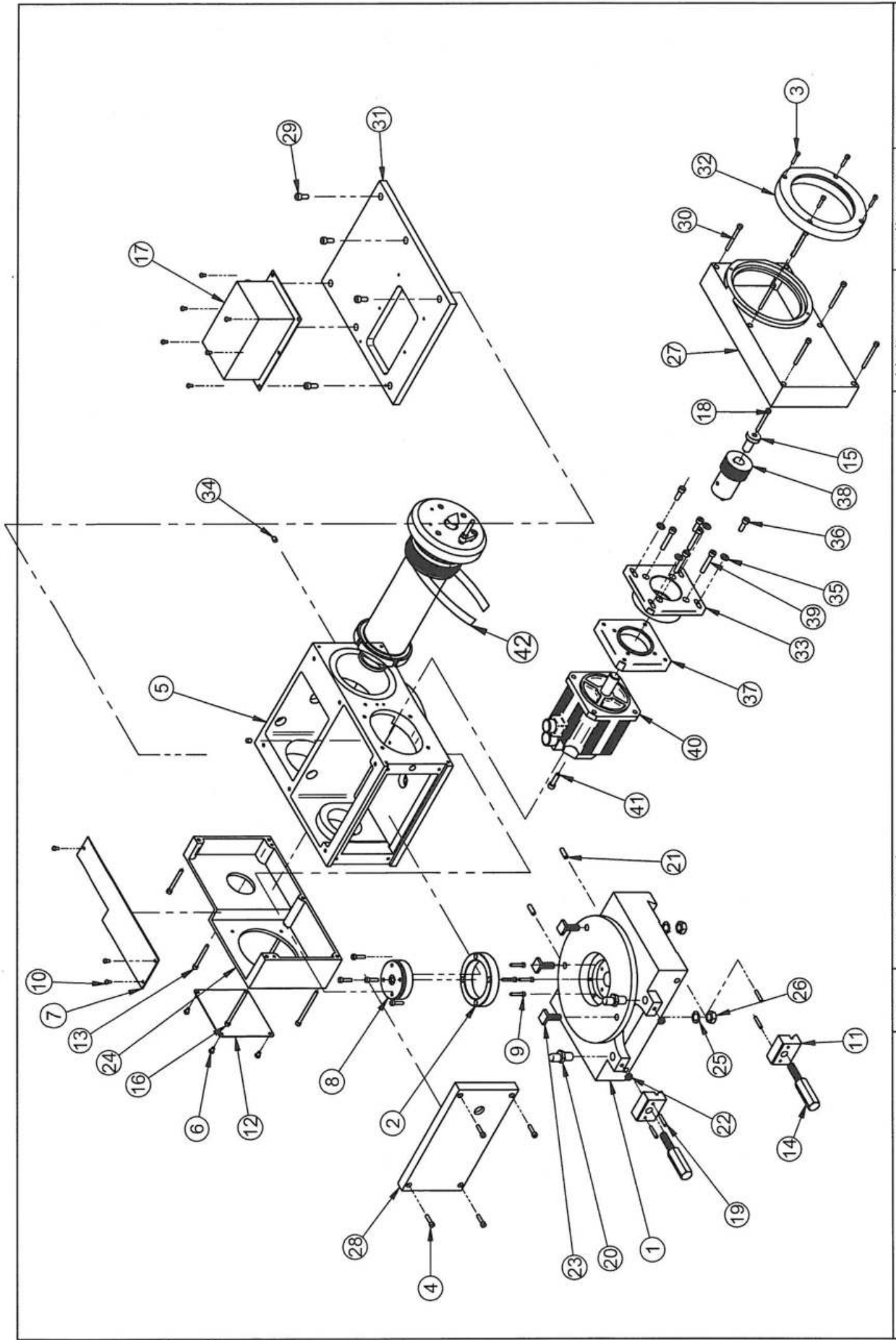


SHARP	圖名 (NAME)	主輪台 (G32) Work Head(G32)
	核准 (APP)	沈世傑
	日期 (DATE)	2004/7/9
	圖號 (NUMBER)	AJ020100

圖號(NUMBER):	AJ020100
圖名(DRAWING):	工作台 Workhead
日期 DATE):	2005.08.18
頁數(PAGE):	1-2

編號	Parts No.	名稱	Description	Remarks	數量
1	KN020200	旋轉座	Turret Base		1
2	KB020406	支軸	Collar		1
3	SD010674	六角承窩頭螺絲	Screw	M5x0.8x20mm	4
4	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	8
5	KJ320704	主輪台	Workhead		1
6	SD040637	半圓頭螺絲	Hexagonal Screw	M6x1.0x10mm	4
7	KJ320601	蓋板	Cover		1
8	KB020303	旋轉軸	Rotary shaft		1
9	SD010698	沉頭內六角螺絲	Screw	M5x0.8x30mm	4
10	SD040338	半圓頭螺絲	Round Head Screw		9
11	KN020406	固定塊	Fixed Block		2
12	KN071309	本台前蓋	Cover		1
13	SD011163	沉頭內六角螺絲	Screw	M6x1.0x60mm	2
14	KN020303	固定螺絲	Fixed screw		2
15	KJ320405	軸蓋	Cover		1
16	SD011228	沉頭內六角螺絲	Screw	M6x1.0x90mm	3
17	KJ321107	護蓋	Cover		1
18	SD011156	沉頭內六角螺絲	Screw	M6x1.0x55mm	1
19	SF040046	斜梢	Tapar pin	5x30	4
20	KB020901	偏心桿	Oval rod		2
21	SD030977	無頭螺絲	Setting Screw	M8x1.25x25mm	2
22	SD200044	外六角螺絲帽	Nut	M8x1.25	2
23	KB020509	固定螺絲	Fixed screw		3
24	KC024400	左側蓋	Left Cover		1
25	SD810070	彈簧墊圈	Spring Washer	M14	3
26	SD200075	六角螺帽	nut	M14x2	3
27	KD023409	右側蓋	Right Cover		1
28	KB024008	前蓋	FRONT COVER		1
29	SD011541	六角承窩頭螺絲	Screw	M8x1.25x20mm	6
30	SD011170	沉頭內六角螺絲	Screw	M6x1.0x65mm	6
31	KJ320508	上蓋板	Cover		1
32	KD021500	防塵護罩	Dust guard		1
33	KJ320900	調整座	Adjusting block		1





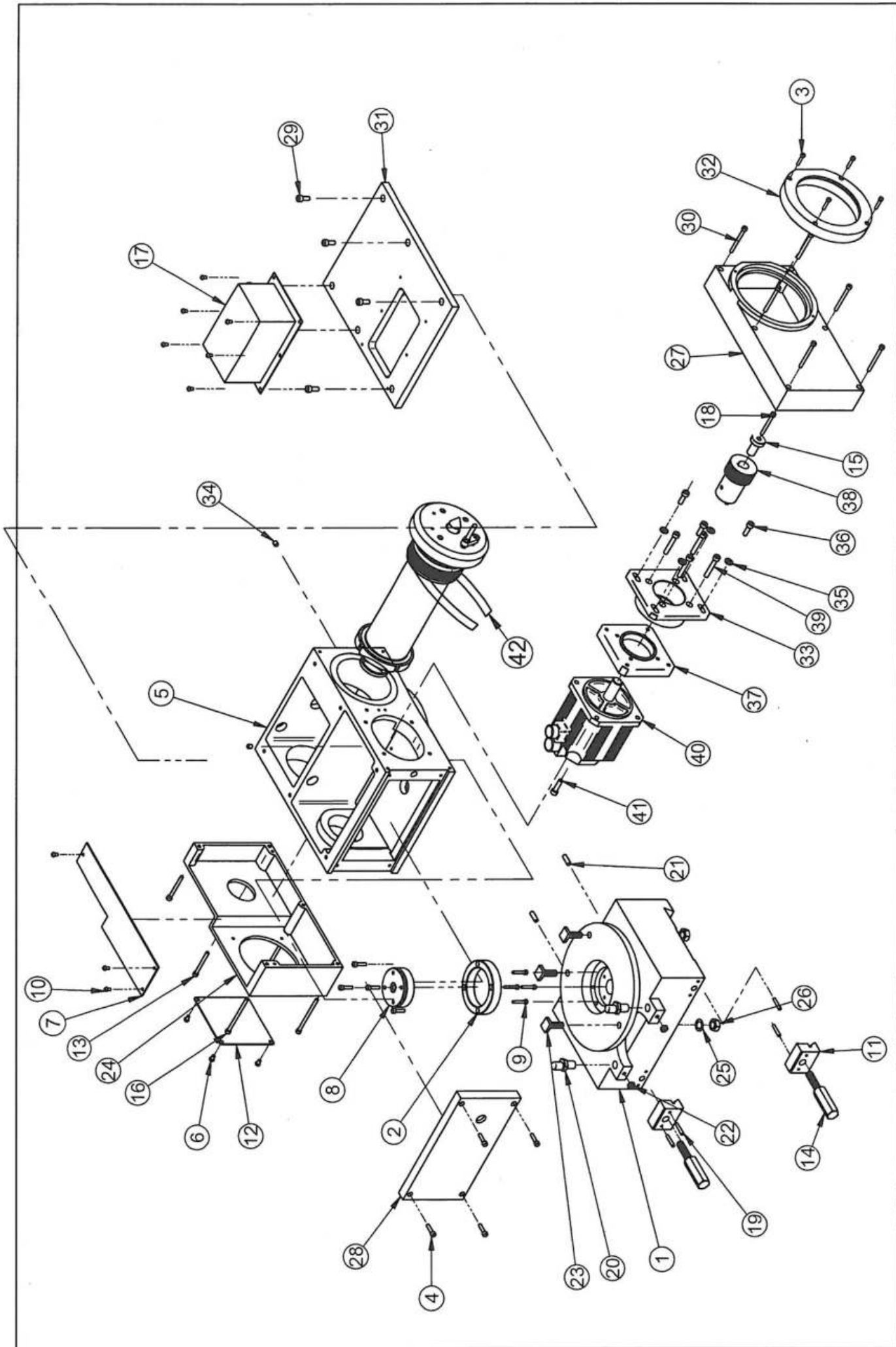
圖名 (NAME)	主輪台 (G38) Work Head(G38)	核准 (APP)	沈世傑	日期 (DATE)	2004/7/9	圖號 (NUMBER)	AJ020200
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圖號(NUMBER):	AJ020200
圖名(DRAWING):	主輪台(G38)
	Work Head(G38)
日期 DATE):	2006.02.21
頁數(PAGE):	1-2

NO.	Parts No.	件名	Description	Remarks	Qty.
1	KN020107	旋轉座	Turret Base	G38	1
2	KB020406	支軸	Collar		1
3	SD010674	六角承窩頭螺絲	Screw	M5x0.8x20mm	4
4	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	8
5	KJ320704	主輪台	Workhead		1
6	SD040637	半圓頭螺絲	Hexagonal Screw	M6x1.0x10mm	4
7	KJ320601	蓋板	Cover		1
8	KB020303	旋轉軸	Rotary shaft		1
9	SD010698	沉頭內六角螺絲	Screw	M5x0.8x30mm	4
10	SD040338	半圓頭螺絲	Round Head Screw		9
11	KN020406	固定塊	Fixed Block		2
12	KN071309	本台前蓋	Cover		1
13	SD011163	沉頭內六角螺絲	Screw	M6x1.0x60mm	2
14	KN020303	固定螺絲	Fixed screw		2
15	KJ320405	軸蓋	Cover		1
16	SD011228	沉頭內六角螺絲	Screw	M6x1.0x90mm	3
17	KJ321107	護蓋	Cover		1
18	SD011156	沉頭內六角螺絲	Screw	M6x1.0x55mm	1
19	SF040046	斜梢	Tapar pin	5x30	4
20	KB020901	偏心桿	Oval rod		2
21	SD030977	無頭螺絲	Setting Screw	M8x1.25x25mm	2
22	SD200044	外六角螺絲帽	Nut	M8x1.25	2
23	KB020509	固定螺絲	Fixed screw		3
24	KC024400	左側蓋	Left Cover		1
25	SD810070	彈簧墊圈	Spring Washer	M14	3
26	SD200075	六角螺帽	nut	M14x2	3
27	KD023409	右側蓋	Right Cover		1
28	KB024008	前蓋	FRONT COVER		1
29	SD011541	六角承窩頭螺絲	Screw	M8x1.25x20mm	6
30	SD011170	沉頭內六角螺絲	Screw	M6x1.0x65mm	6
31	KJ320508	上蓋板	Cover		1
32	KD021500	防塵護罩	Dust guard		1
33	KJ320900	調整座	Adjusting block		1







圖號 (NUMBER) AJ020300	日期 (DATE) 2004/7/9	核准 (APP) 沈世傑	主輪台 (G45) Work Head(G45)
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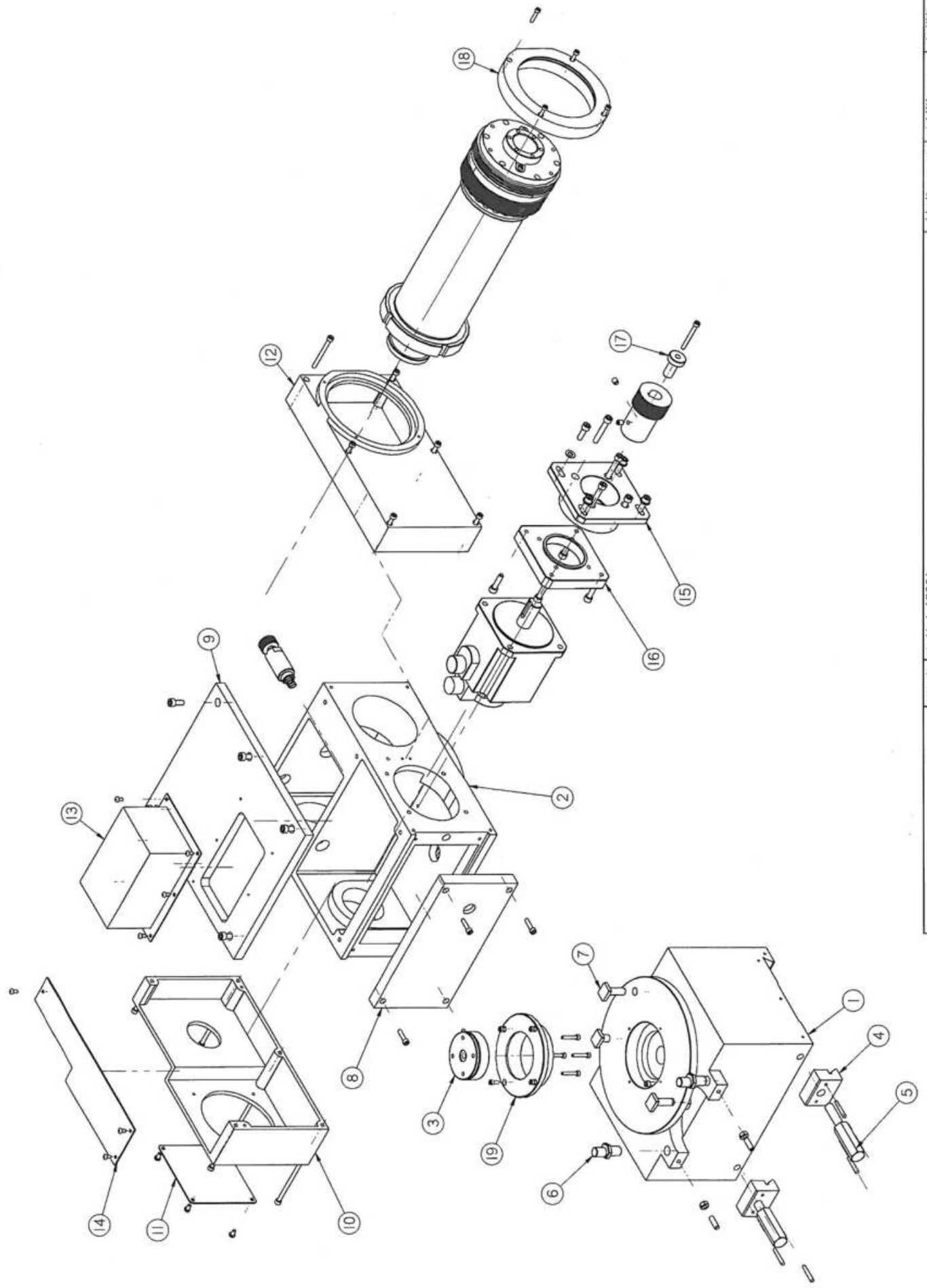
**SHARP**



圖號(NUMBER):	AJ020300
圖名(DRAWING):	主輪台(G45)
	Work Head(G45)
日期 DATE):	2006.02.21
頁數(PAGE):	1-2

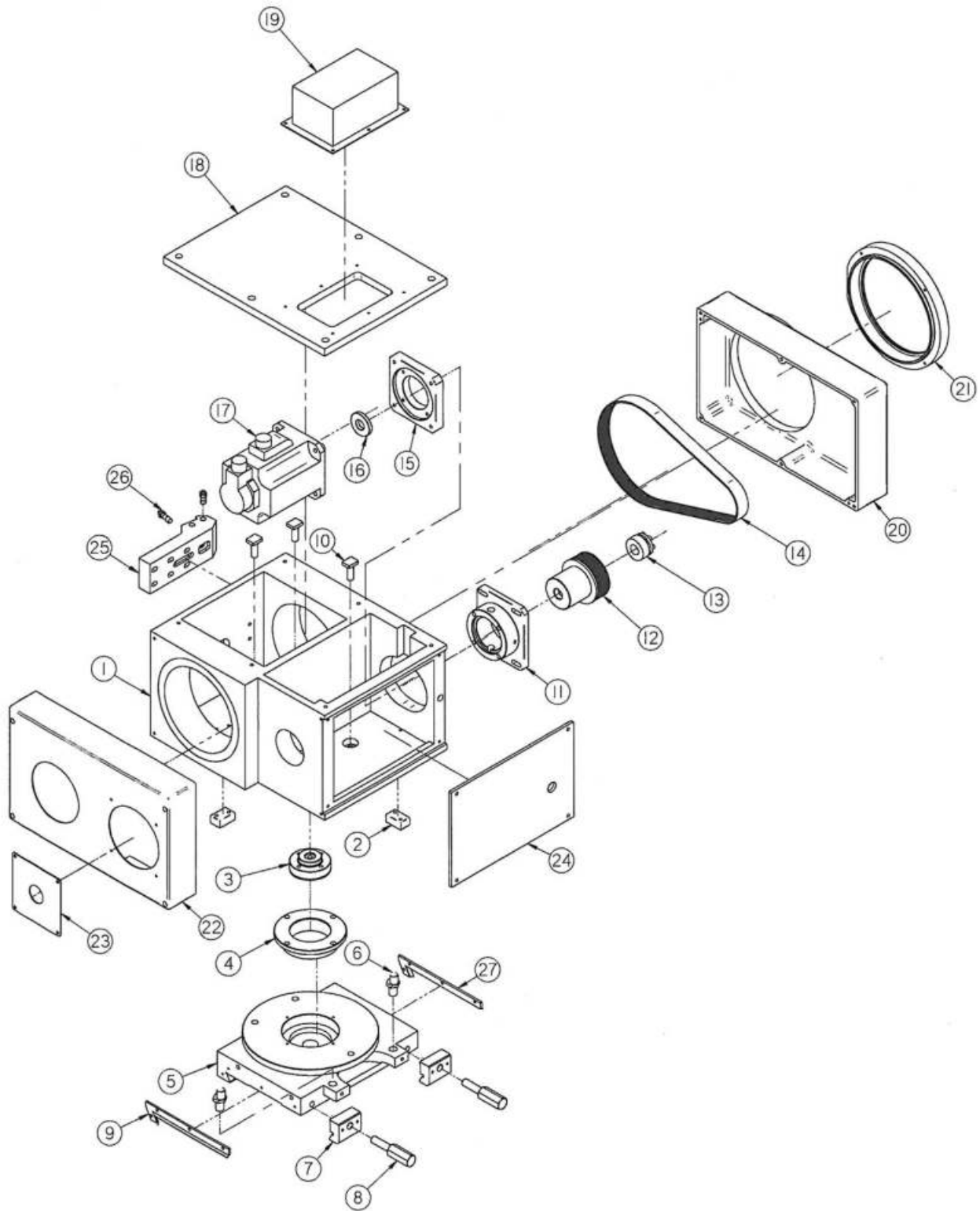
NO.	Parts No.	件名	Description	Remarks	Qty.
1	KJ571600	旋轉座	Turret Base		1
2	KB020406	支軸	Collar		1
3	SD010674	六角承窩頭螺絲	Screw	M5x0.8x20mm	4
4	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	8
5	KJ320704	主輪台	Workhead		1
6	SD040637	半圓頭螺絲	Hexagonal Screw	M6x1.0x10mm	4
7	KJ320601	蓋板	Cover		1
8	KB020303	旋轉軸	Rotary shaft		1
9	SD010698	沉頭內六角螺絲	Screw	M5x0.8x30mm	4
10	SD040338	半圓頭螺絲	Round Head Screw		9
11	KN020406	固定塊	Fixed Block		2
12	KN071309	本台前蓋	Cover		1
13	SD011163	沉頭內六角螺絲	Screw	M6x1.0x60mm	2
14	KN020303	固定螺絲	Fixed screw		2
15	KJ320405	軸蓋	Cover		1
16	SD011228	沉頭內六角螺絲	Screw	M6x1.0x90mm	3
17	KJ321107	護蓋	Cover		1
18	SD011156	沉頭內六角螺絲	Screw	M6x1.0x55mm	1
19	SF040046	斜梢	Tapar pin	5x30	4
20	KB020901	偏心桿	Oval rod		2
21	SD030977	無頭螺絲	Setting Screw	M8x1.25x25mm	2
22	SD200044	外六角螺絲帽	Nut	M8x1.25	2
23	KB020509	固定螺絲	Fixed screw		3
24	KC024400	左側蓋	Left Cover		1
25	SD810070	彈簧墊圈	Spring Washer	M14	3
26	SD200075	六角螺帽	nut	M14x2	3
27	KD023409	右側蓋	Right Cover		1
28	KB024008	前蓋	FRONT COVER		1
29	SD011541	六角承窩頭螺絲	Screw	M8x1.25x20mm	6
30	SD011170	沉頭內六角螺絲	Screw	M6x1.0x65mm	6
31	KJ320508	上蓋板	Cover		1
32	KD021500	防塵護罩	Dust guard		1
33	KJ320900	調整座	Adjusting block		1





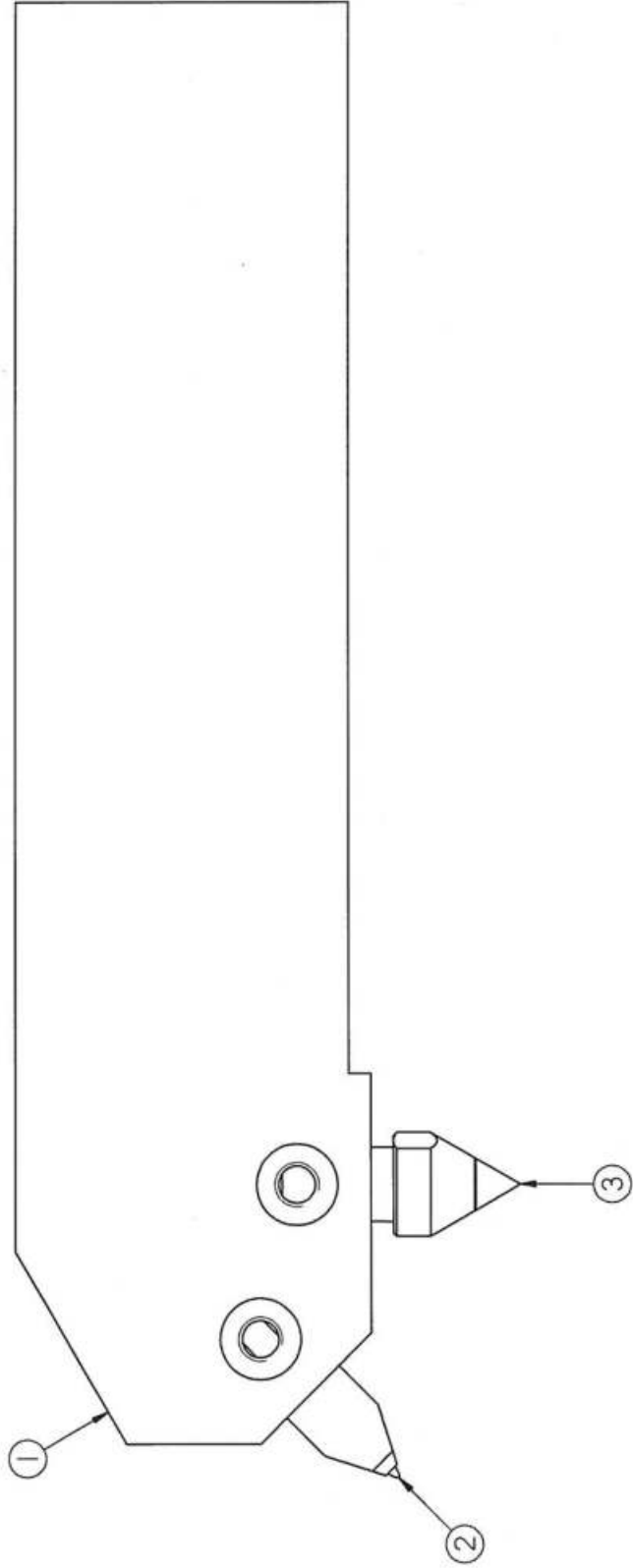
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圖號 (NUMBER)	AN620200	2階
圖名 (DRAWING)	主輪台 (G60)	
	Work Head(G60)	
日期 (DATE)	2013/3/27	
頁數 (PAGE)	2-1	

NO.	Parts	件名	Description	Remarks	Qty.
1	KN620200	旋轉座	Turret base		1
2	KJ320704	主輪台	Workhead		1
3	KB020303	旋轉軸	Rotary shaft		1
4	KN020406	固定塊	Fixed screw		2
5	KN020303	固定螺絲	Fixed screw		2
6	KB020901	偏心桿	Oval rod		2
7	KB020509	固定螺絲	Fixed screw		3
8	KB024008	前蓋	FRONT COVER		1
9	KJ320508	上蓋板	Cover		1
10	KC024400	左側蓋	Left cover		1
11	KN071309	本台前蓋	Cover		1
12	KD023409	右側蓋	Right cover		1
13	KJ321107	護蓋	Cover		1
14	KJ320601	蓋板	Cover		1
15	KJ320900	調整座	Adjusting block		1
16	KJ320807	馬達座	Motor seat		1
17	KJ320405	軸蓋	Cover		1
18	KD021500	防塵護罩	Dust guard		1
19	KB020410	支軸	Collar		1



圖號 (NUMBER)	AJ020001
圖名 (DRAWING)	D65主輪台組 D65 Workhead bed
日期 (DATE)	2012/12/19
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
1	KJ020001	主輪台	Workhead bed		1
2	KB021005	固定塊	Fixed block		2
3	KB020310	旋轉軸	Rotation axis		1
4	KB020410	支軸	Collar		1
5	KN020210	旋轉座	Rotation seat		1
6	KB020901	偏心桿	Oval lever		2
7	KN020406	固定塊	Fixed block		2
8	KN023100	固定螺絲	Fixed screw		2
9	KN025300	右刮刷片	Right scrape piece		1
10	KB020509	固定螺絲	Fixed screw		3
11	KJ320900	調整座	Adjusting block		1
12	KJ020004	馬達皮帶輪	Motor pulley		1
13	SD863022	免鍵軸襯	Capt-locks	SDS-22	1
14	SB181700	多溝小V皮帶	V-belt	380Jx12	1
15	KJ320807	馬達座	Motor seat		1
16	KJ020005	皮帶輪間隔環	Pulley spacer		1
17	EMOT0469	伺服馬達	Servo motor	ECMA-E11320AS	1
18	KJ020003	上蓋板	Upper cover plate		1
19	KJ321107	護蓋	Protecting cover		1
20	BB026309	右側蓋	Right side cover		1
21	BB024503	防塵護罩	Dust guard		1
22	KJ020002	左側蓋	Left side cover		1
23	KJ020007	左側蓋	Left side cover		1
24	BB074704	主輪台前蓋	Workhead bed front cover		1
25	KJ077730	鑽石針固定座	Diamond dresser holder		1
26	KF067900	鑽石筆	Diamond dresser		2
27	KN025200	左刮刷片	Left scrape piece		1

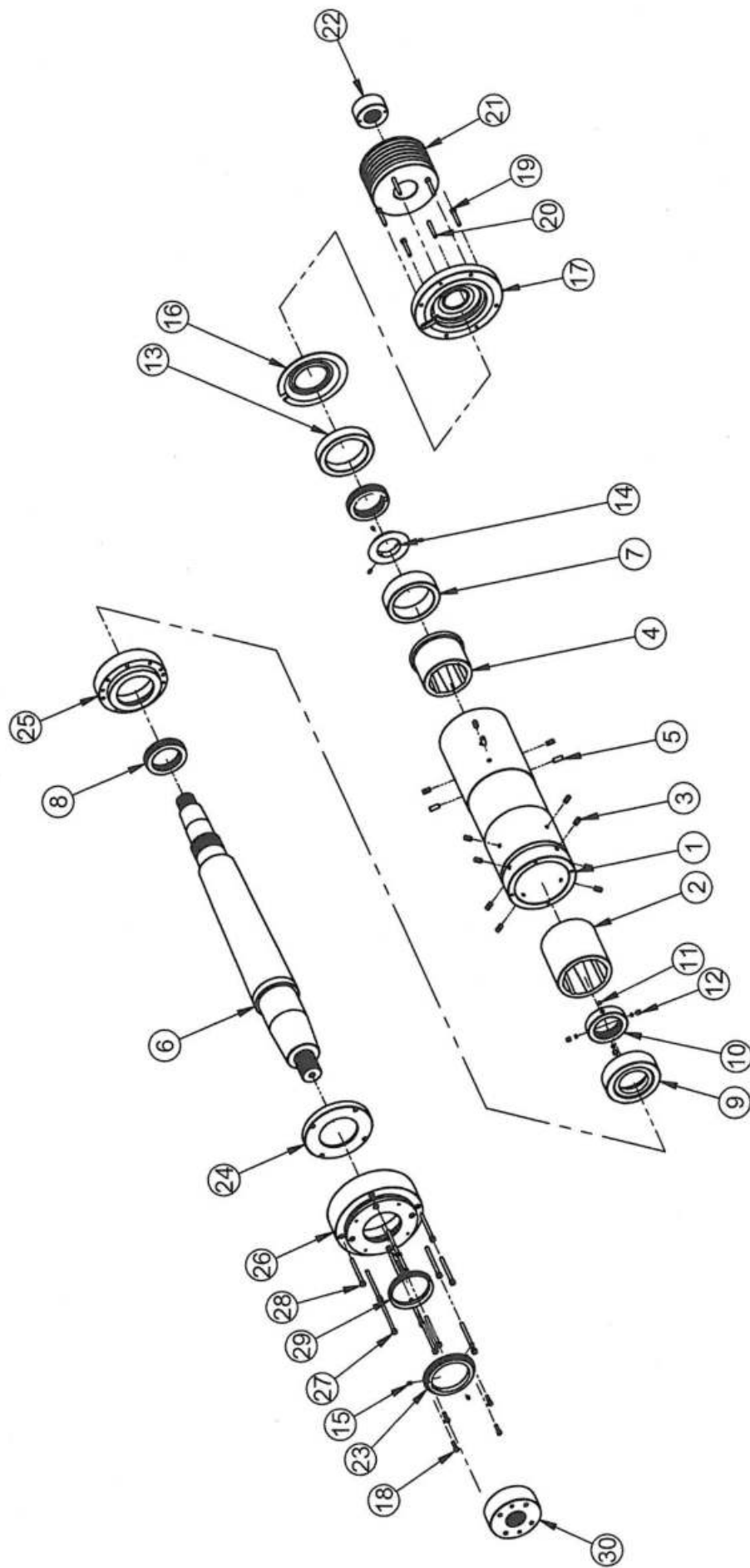


圖名 (NAME)	鑽石筆固定座 Diamond dresser holder	核准 (APP.)	日期 (DATE)	圖號 (NUMBER)
		林榮宗	2007.01.11	AF065708

**SHARP**





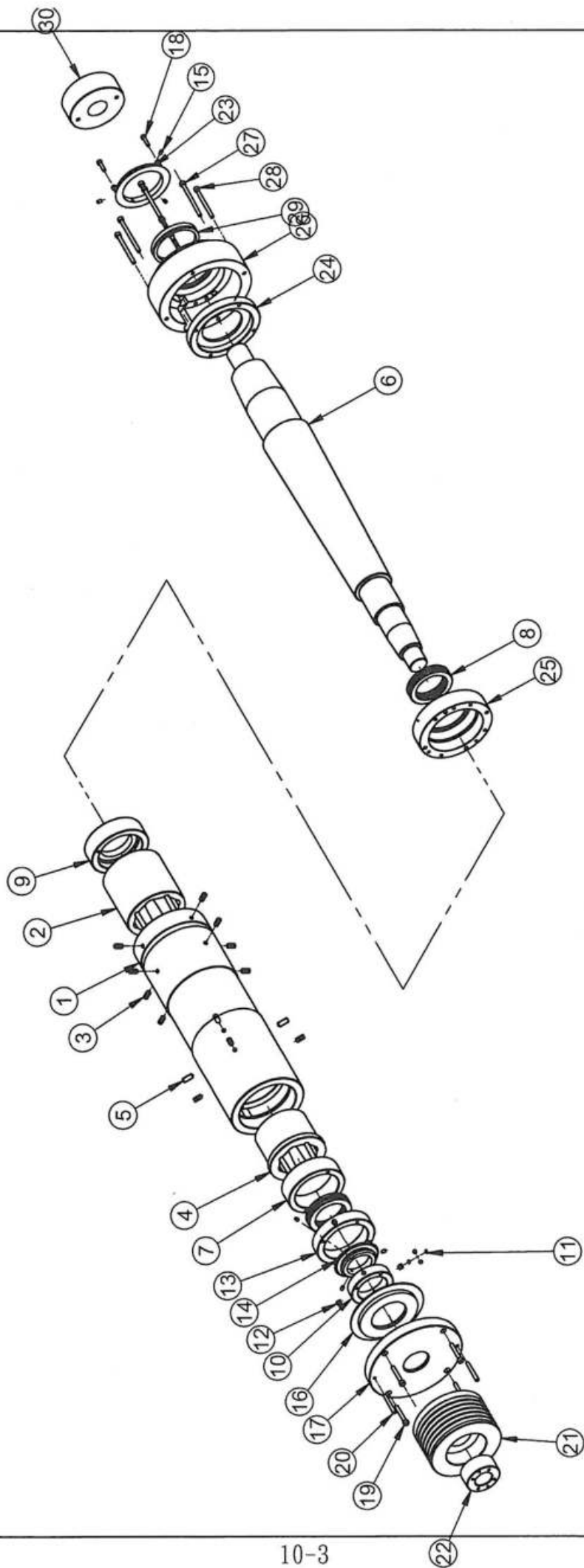


圖名 (NAME)	砂輪主軸組 (P) Spindle Unit(P)	核准 (APP)	沈世傑	日期 (DATE)	2004/7/6	圖號 (NUMBER)	AJ510100
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**SHARP**

圖號(NUMBER):	AJ510100
圖名(DRAWING):	砂輪心軸(P)( $\phi$ 610砂輪直徑)
	Spindle(P)
日期 DATE):	2005.02.15
頁數(PAGE):	1-1

NO.	件名	名稱	Description	Remarks	Qty.
1	BJ013200	砂輪主軸套筒	Spindles Housing		1
2	BJ013100	前軸受	fornt babbit bearing		1
3	SD030953	無頭螺絲	Setting Screw	M8x1.25x15mm	12
4	BJ013800	後軸受	rear babbit bearing		1
5	SD030960	無頭螺絲	Setting Screw	M8x1.25x20mm	4
6	KJ510100	砂輪主軸	grinding wheel spindle		1
7	BJ013600	軸承座	BEAR SEAT		1
8	SA100096	止推滾珠軸承	Ball Thrust Bearing	51112	2
9	BJ013700	軸承座	BEARING SEAT		1
10	KJ510300	鎖緊螺帽	setting nut		1
11	S2300034	銅墊塊(6x3)	Bronze Block	6x3mm	4
12	SD030922	無頭內六角螺絲	Setting Screw	M8x1.25x8mm	4
13	BJ013400	鎖緊螺帽	setting nut		1
14	BJ013300	後拋油圈	rear dust oil plate		1
15	SD030324	無頭螺絲	Setting Screw	M5x0.8x8mm	6
16	BJ013900	後擋油環	rear splash spacer		1
17	BJ014000	後防塵蓋	Rear dust cover		1
18	SD010674	六角承窩頭螺絲	Screw	M5x0.8x20mm	4
19*	SD011125	內六角螺絲	Screw	M6x1.0x40mm	7
20	SE040050	斜梢	Tapar pin	5x35mm	3
21	BJ014400	砂輪主軸皮帶輪	ULLEY		1
22	KJ510400	皮帶輪鎖緊螺帽	Setting nut		1
23	BJ013000	前拋油圈(一)	Form Dust Oil Plate		1
24	BJ012310	防塵蓋	Dust Cover		1
25	BJ012900	前擋油環	Form Splash Spacer		1
26	BJ012800	前防塵蓋	form cover		1
27	SD011204	沉頭內六角螺絲	Screw	M6x1.0x80mm	7
28	SD011487	沉頭內六角螺絲	Screw	M6x1.0x70mm	7
29	SH090010	V-油封	V Type Oil Seal	V80S	1
30	KJ510200	鎖緊螺帽	Setting nut		1
31					
32					
33					



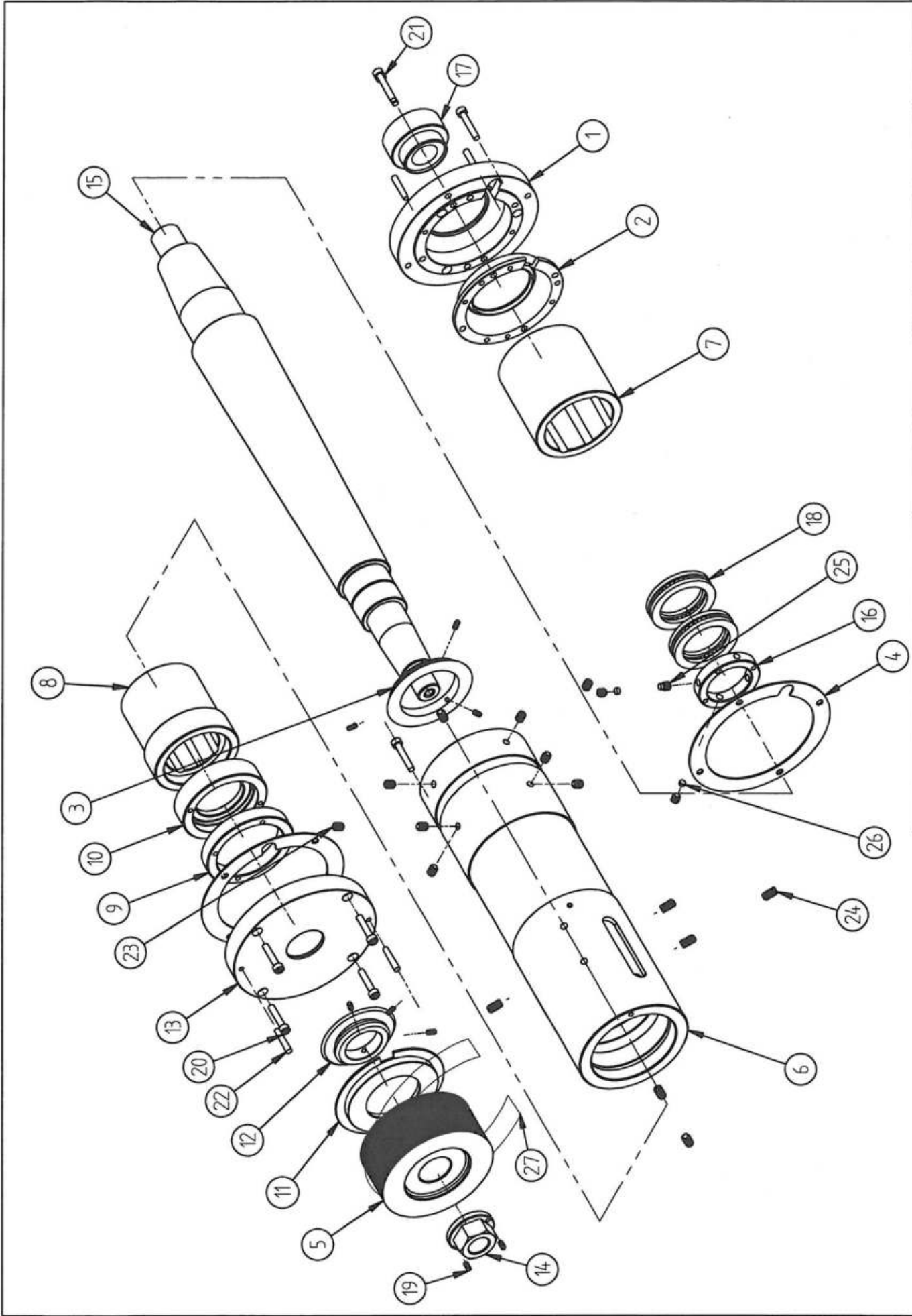
10-3

SHARP	砂輪心軸(A) Spindle(A)	圖名 (NAME)	核准 (APP.) 沈世傑	日期 (DATE) 2004/7/14	圖號 (NUMBER) AJ010100
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圖號(NUMBER):	AJ010100
圖名(DRAWING):	砂輪心軸(A)( $\phi$ 610砂輪直徑)
	Spindle(A)
日期 DATE):	2005.02.15
頁數(PAGE):	1-1

NO.	件名	名稱	Description	Remarks	Qty.
1	BJ013200	砂輪主軸套筒	Spindles Housing		1
2	BJ013100	前軸受	fornt babbit bearing		1
3	SD030953	無頭螺絲	Setting Screw	M8x1.25x15mm	12
4	BJ013800	後軸受	rear babbit bearing		1
5	SD030960	無頭螺絲	Setting Screw	M8x1.25x20mm	4
6	BJ012600	砂輪主軸	grinding wheel spindle		1
7	BJ013600	軸承座	BEAR SEAT		1
8	SA100096	止推滾珠軸承	Ball Thrust Bearing	51112	2
9	BJ013700	軸承座	BEARING SEAT		1
10	BJ013500	鎖緊螺帽	setting nut		1
11	S2300034	銅墊塊(6x3)	Bronze Block	6x3mm	4
12	SD030922	無頭內六角螺絲	Setting Screw	M8x1.25x8mm	4
13	BJ013400	鎖緊螺帽	setting nut		1
14	BJ013300	後拋油圈	rear dust oil plate		1
15	SD030324	無頭螺絲	Setting Screw	M5x0.8x8mm	6
16	BJ013900	後擋油環	rear splash spacer		1
17	BJ014000	後防塵蓋	Rear dust cover		1
18	SD010674	六角承窩頭螺絲	Screw	M5x0.8x20mm	4
19	SD011125	內六角螺絲	Screw	M6x1.0x40mm	7
20	SE040050	斜梢	Tapar pin	5x35mm	3
21	BJ014400	砂輪主軸皮帶輪	ULLEY		1
22	BJ014100	皮帶輪鎖緊螺帽	Setting nut		1
23	BJ013000	前拋油圈(一)	Form Dust Oil Plate		1
24	BJ012310	防塵蓋	Dust Cover		1
25	BJ012900	前擋油環	Form Splash Spacer		1
26	BJ012800	前防塵蓋	form cover		1
27	SD011204	沉頭內六角螺絲	Screw	M6x1.0x80mm	7
28	SD011487	沉頭內六角螺絲	Screw	M6x1.0x70mm	7
29	SH090010	V-油封	V Type Oil Seal	V80S	1
30	BJ012700	砂輪套鎖緊螺帽頭	Setting nut		1
31					
32					
33					





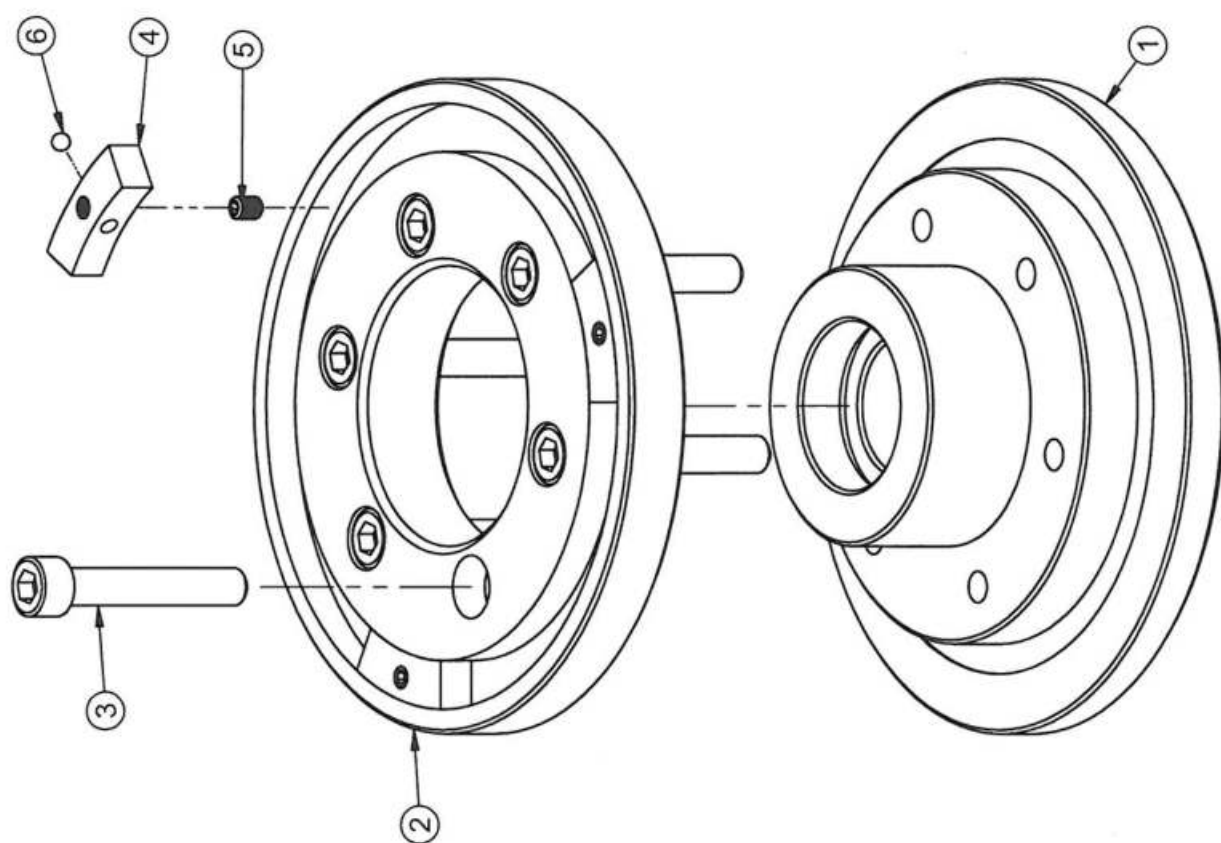
図名(DRAWING)	製図(NAME)	日付(DATE)	図号(NUMBER)
砂輪・心軸(spindle wheel)	複写品	2002.12.25	AJ010200

**SHARP**

圖號(NUMBER):	AJ010200
圖名(DRAWING):	砂輪心軸 Wheel spindle
日期 DATE):	2005.08.18
頁數(PAGE):	1-1

編號	件號 / 規格	名稱	Description	Remarks	數量
1	BJ012000	前防塵蓋	Oust cover		1
2	BJ012100	前擋油環	Form stpash spacer		1
3	BJ012200	前拋油圈(一)	Form dust oil plate		1
4		石棉紙	Asbestos		2
5	KC011503	砂輪主軸皮帶輪	Wheel spindle pulley		1
6	KD010203	砂輪主軸套筒	Spindle pulley		1
7	KD010409	前軸受	Form babbitt bearing		1
8	KD010502	後軸受	Rear babbitt bearing		1
9	KD011101	鎖緊螺帽	Setting nut		1
10	KD012205	軸承座	Bearing seat		1
11	KD016303	後擋油環	Rear stpash spacer		1
12	KD016405	後拋油圈	Rear dust oil plate		1
13	KD016508	後防塵蓋	Rear dust cover		1
14	KJ011606	皮帶輪鎖緊螺帽	Pulley setting nut		1
15	KK010306	砂輪主軸	Wheelhead spindle		1
16	KK010911	鎖緊螺帽	Setting nut		1
17	KK012308	砂輪套鎖緊螺帽	Lock nut		1
18		止推軸承	Ball thrust bearing	51110	2
19		無頭螺絲	Setting Screw	M5	8
20		沉頭內六角螺絲	Screw	M6x30	4
21		沉頭螺絲	Screw	M6x35	4
22		斜梢	Tapar pin	5x30	4
23		無頭螺絲	Setting Screw		8
24					8
25		無頭螺絲	Setting Screw	M8x8	4
26		銅墊塊	Bronze block	6mmx3	4
27	SB080100	馬達皮帶		SPZ-1250(5HP)	4
	SB080120	馬達皮帶		SPZ-1275(7.5HP)	4

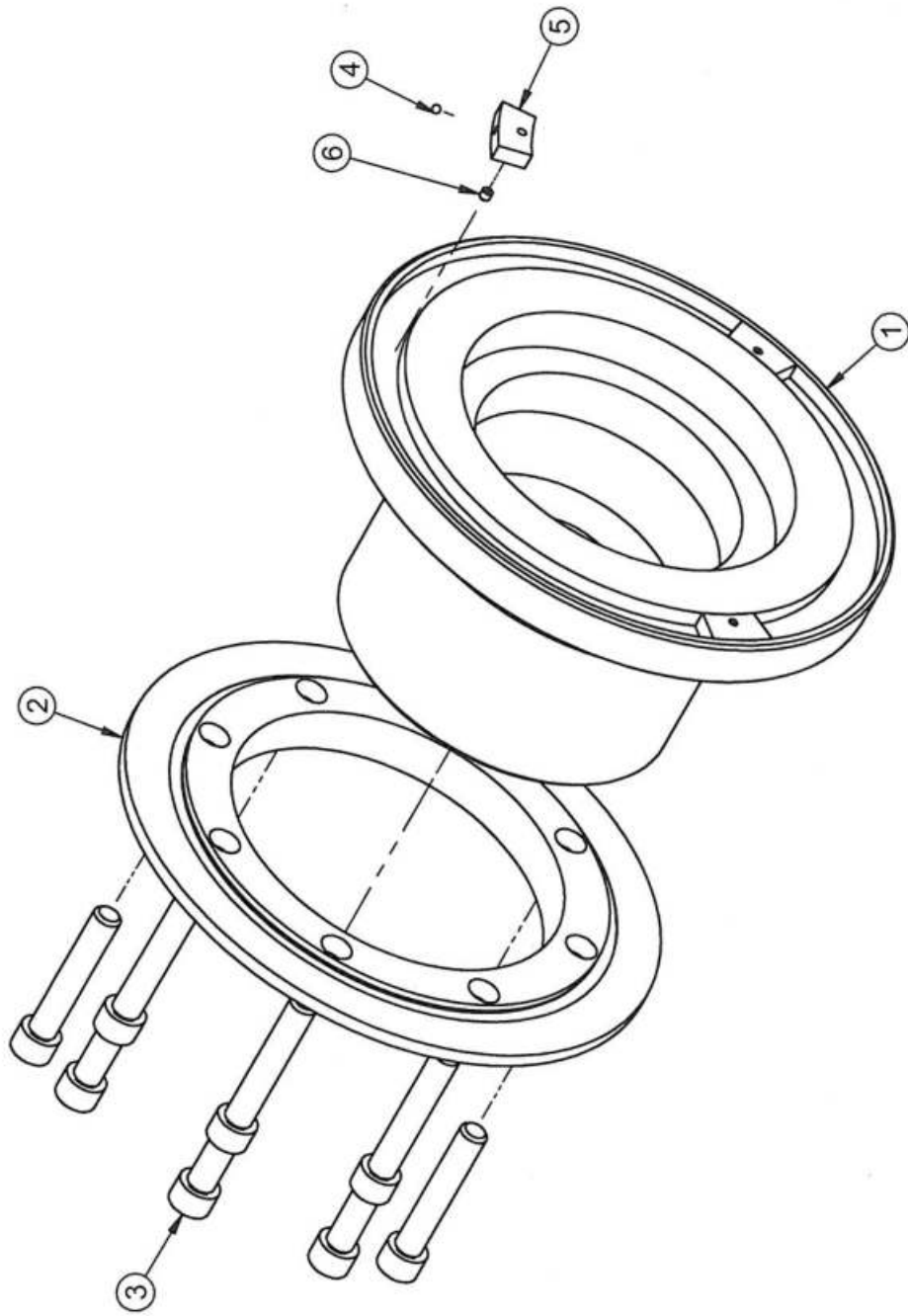




圖名 (NAME)	6" 軸受式砂輪套 Flange 6"	核准 (APP)	沈世傑	日期 (DATE)	2004/7/5	圖號 (NUMBER)	AD011905
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**SHARP**





**SHARP**

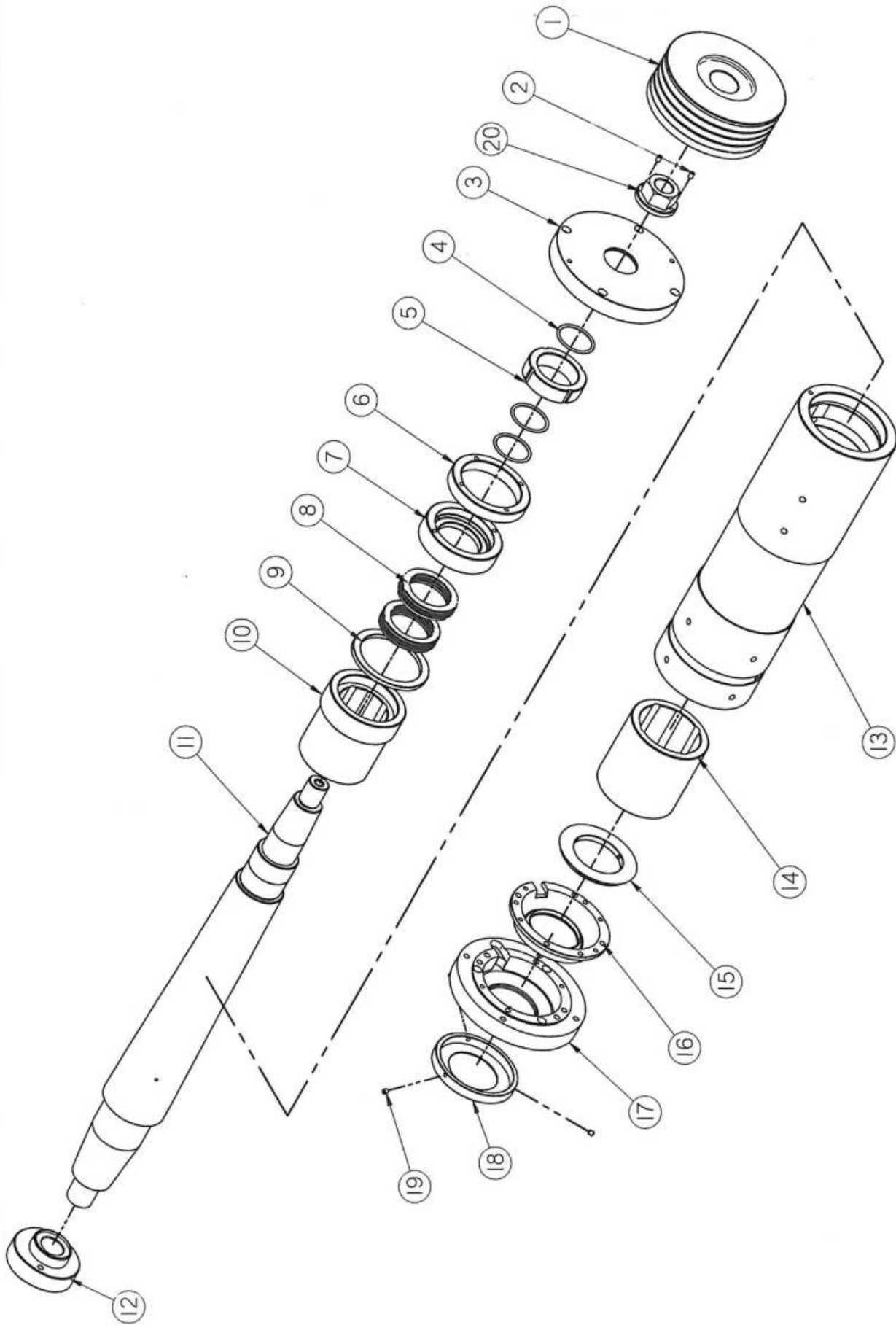
圖名 (NAME)  
10" 砂輪套  
10"-Flange

核准 (APP)  
沈世傑

日期 (DATE)  
2004/7/6

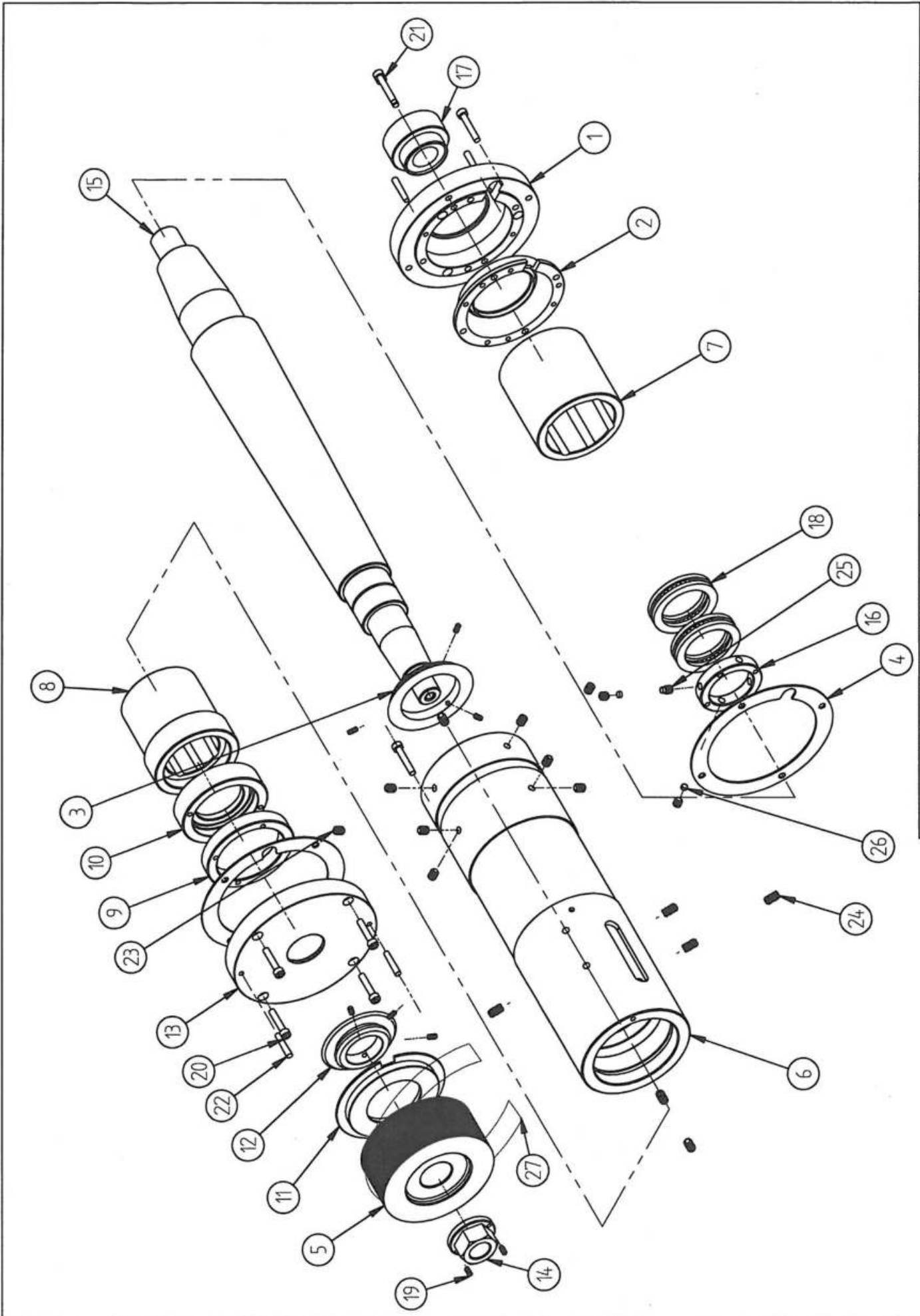
圖號 (NUMBER)  
AJ510300





SHARP	圖名 (NAME)	直進式軸受主軸(φ510) Spindelφ510		核准 (APP)	日期 (DATE)	圖號 (NUMBER)
				林榮涼	2006/12/12	AD010203





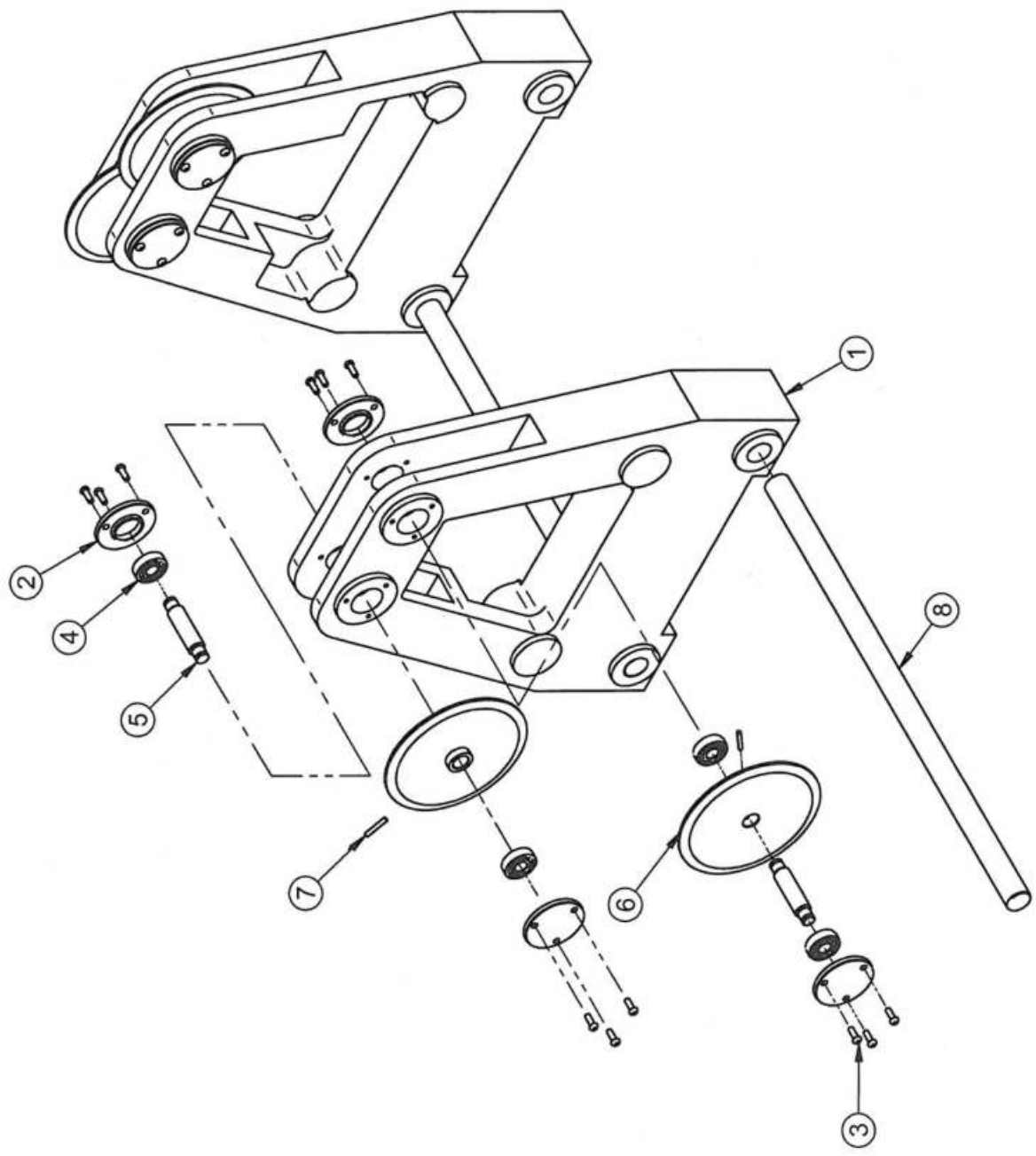
圖名(DRAWING)	製圖(NAME)	日期(DATE)	圖號(NUMBER)
砂輪心軸(Wheel spindle)	柯其啓	2006.11.23	ADD10300

**SHARP**



圖號(NUMBER):	AD010300
圖名(DRAWING):	砂輪心軸
	Wheel spindle
日期 DATE):	2006.11.23
頁數(PAGE):	1-1

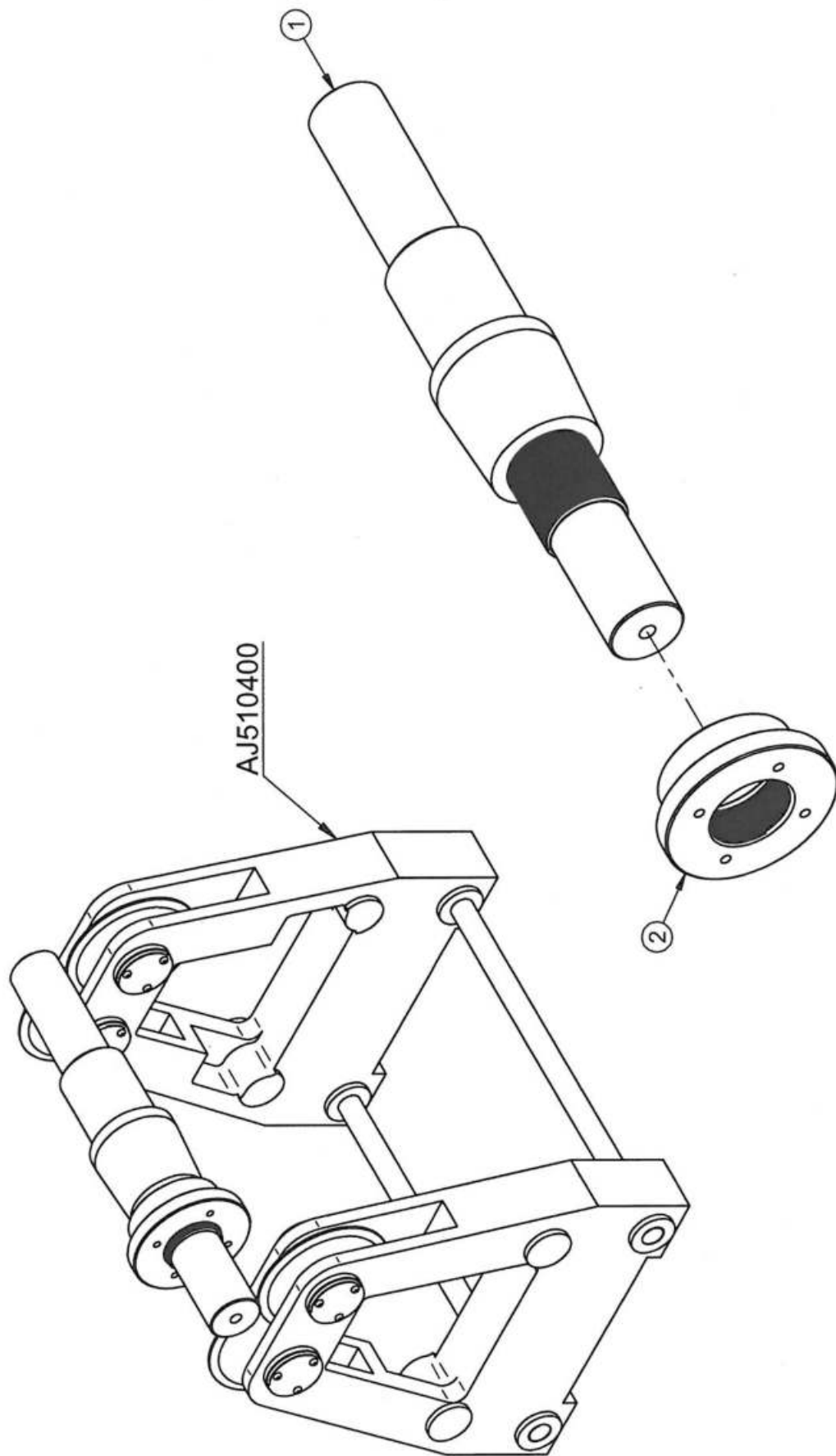
編號	件號 / 規格	名稱	Description	Remarks	數量
1	KD015909	前防塵蓋	Oust cover		1
2	KD016209	前擋油環	Form stpash spacer		1
3	BJ012200	前拋油圈(一)	Form dust oil plate		1
4		石棉紙	Asbestos		2
5	KC014805	砂輪主軸皮帶輪	Wheel spindle pulley		1
6	KD010203	砂輪主軸套筒	Spindle pulley		1
7	KD010409	前軸受	Form babbitt bearing		1
8	KD010502	後軸受	Rear babbitt bearing		1
9	KD011101	鎖緊螺帽	Setting nut		1
10	KD012205	軸承座	Bearing seat		1
11	KD016303	後擋油環	Rear stpash spacer		1
12	KD016405	後拋油圈	Rear dust oil plate		1
13	KD016508	後防塵蓋	Rear dust cover		1
14	KJ011606	皮帶輪鎖緊螺帽	Pulley setting nut		1
15	KD010306	砂輪主軸	Wheelhead spindle		1
16		鎖緊螺帽	Setting nut	YSAM50xP1.5	1
17	KD012308	砂輪套鎖緊螺帽	Lock nut		1
18		止推軸承	Ball thrust bearing	51110	2
19		無頭螺絲	Setting Screw	M5	8
20		沉頭內六角螺絲	Screw	M6x30	4
21		沉頭螺絲	Screw	M6x35	4
22		斜梢	Tapar pin	5x30	4
23		無頭螺絲	Setting Screw		8
24					8
25		無頭螺絲	Setting Screw	M8x8	4
26		銅墊塊	Bronze block	6mmx3	4
27	SB080100	馬達皮帶		SPZ-1250(5HP)	4
	SB080120	馬達皮帶		SPZ-1275(7.5HP)	4



SHARP	圖名 (NAME)	平衡台 Balancing Stand	核准 (APP)	沈世傑	日期 (DATE)	2004/7/6	圖號 (NUMBER)	AJ510400

圖號 (NUMBER)	AJ510400
圖名 (DRAWING)	平衡台 Balancing Stand
日期 (DATE)	2004/7/6
頁數 (PAGE)	1-1

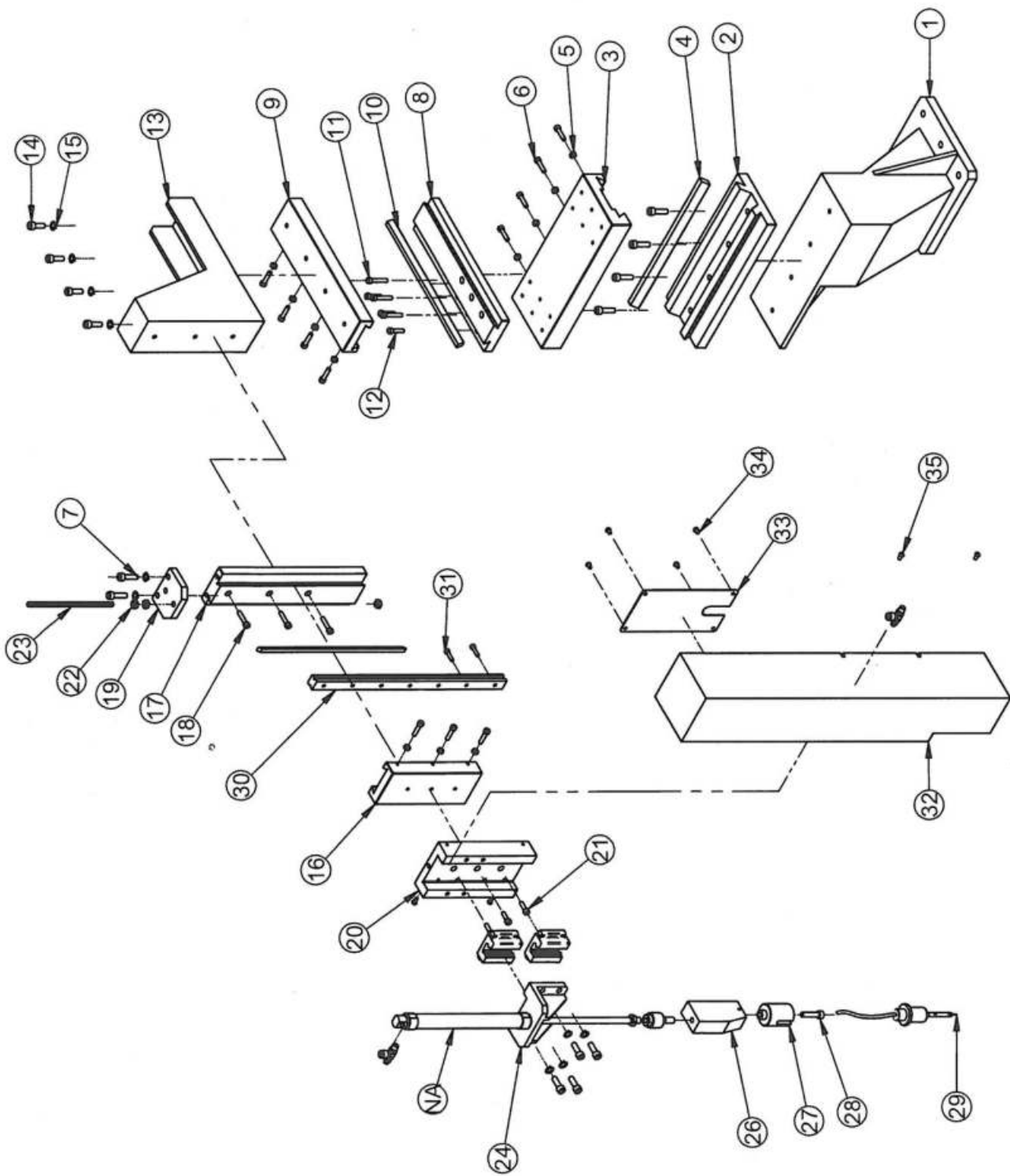
NO.	Parts No.	件名	Description	Remarks	Qty.
1	BJ015800	平衡台	Balancing stand		2
2	K708071	軸承蓋	Bearing cover		8
3	SD040053	半圓頭螺絲	Round Head Screw	M4x0.7x12mm	24
4	SA000017	滾珠軸承	Ball Bearing	6000	8
5	K7080608	轉盤心軸	Rotating plate spindle		4
6	K7080505	轉盤	Rotating Plate		4
7	SE010069	彈簧梢	Spring Pin	3-20mm	4
8	BJ015900	連接桿	Connecting stick		2



SHARP	圖名 (NAME) 平衡棒 Balancing Arbor	核准 (APP) 沈世傑	日期 (DATE) 2004/7/6	圖號 (NUMBER) AJ510500
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圖號 (NUMBER)	AJ510500
圖名 (DRAWING)	平衡棒 Balancing Arbor
日期 (DATE)	2004/7/6
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
1	KJ511600	平衡棒	Balancing Arbor		1
2	KJ511700	鎖緊螺帽	Setting Nut		1



<p><b>SHARP</b></p>	<p>圖名 (NAME) 垂直式端面量測系統(P) End Test Attachment</p>	<p>核准 (APP) 沈世傑</p>	<p>日期 (DATE) 2004/7/15</p>	<p>圖號 (NUMBER) AJ140100</p>
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圖號 (NUMBER)	AJ140100
圖名 (DRAWING)	垂直式端面量測系統(P) End Test Attachment
日期 (DATE)	2004/7/15
頁數 (PAGE)	1-2

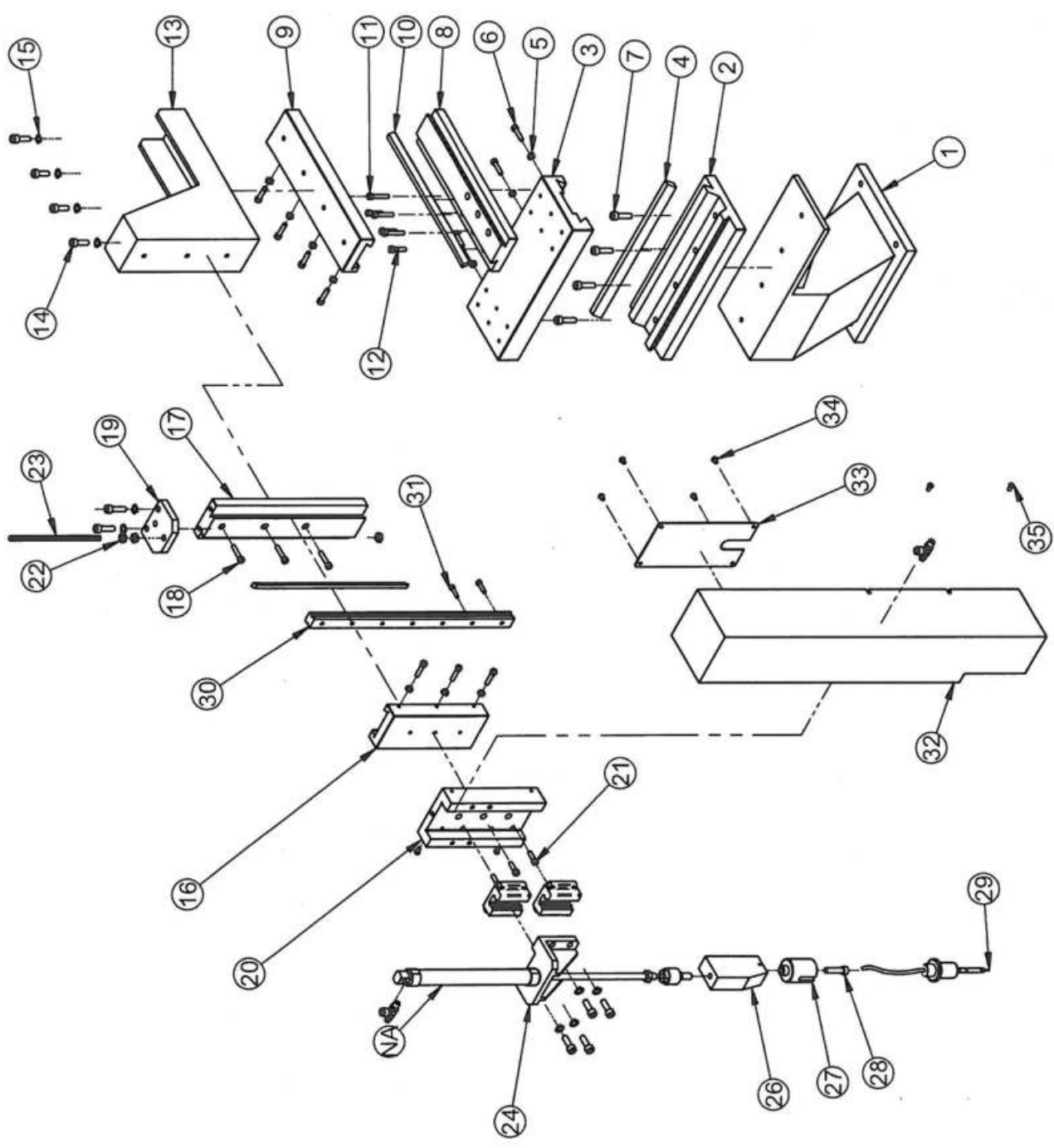
NO.	Parts No.	件名	Description	Remarks	Qty.
1	KJ511500	下固定座	Lower Setting Block		1
2	KJ144201	端面量測下滑座	Lower slide seat		1
3	KJ144110	端面量測下滑塊	Lower slide block		1
4	KJ144407	平行銷	Fixed block		1
5	SD200037	六角頭螺帽	HEX. HEAD NUT	M6X1	11
6	SD011084	沉頭內六角螺絲	HEX. SOCKET SCREW	M6X1X25L	11
7*	SD011565	六角承窩頭螺絲	Screw	M8x1.25x30mm	6
8	KJ144010	端面量測中滑座	Adjusting seat		1
9	KJ143901	端面量測中滑塊	Adjusting block		1
10	KJ144304	滑座斜方銷	Slide seatting wedge		2
11	SD011118	六角承窩頭螺絲	Screw	M6x1.0x35mm	3
12	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	3
13	BJ143210	上固定座	Upper seating block		1
14	SD011541	六角承窩頭螺絲	Screw	M8x1.25x20mm	8
15*	SD810049	彈簧墊圈	Spring Washer	M8	10
16	KJ143610	端面量測上滑塊(一)	Lower slide block		1
17	KJ143710	端面量測上滑座(二)	Lower slide seat		1
18	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	3
19	KB018809	固定板	Fixed plate		1
20	BJ143010	軸承固定座	Bearing setting		1
21	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	3
22	SD200044	外六角螺絲帽	Nut	M8x1.25	3
23	SE320010	牙條	Screw	M8x1.25	1
24	BJ140300	氣壓缸固定座	Air cylinder bracket		1
25		氣壓缸	Air Cylinder	MIB-25-185mm	1
26	BJ140207	氣壓缸桿固定座	Bracket		1
27	BJ140114	測頭固定座	Fixed seat		1
28	SD011565	六角承窩頭螺絲	Screw	M8x1.25x30mm	1
29		端面量測探針	Tanch Point	T25G	1
30		線性滑軌	Linear Side	HSR20B2SS+400 L(THK)	1
31	SD010674	六角承窩頭螺絲	Screw	M5x0.8x20mm	2



圖號 (NUMBER)	AJ140100
圖名 (DRAWING)	垂直式端面量測系統(P) End Test Attachment
日期 (DATE)	2004/7/15
頁數 (PAGE)	2-2

NO.	Parts No.	件名	Description	Remarks	Qty.
32	KJ1460000	端面量測護罩	Guard		1
33	KJ146100	後蓋板	Cover		1
34	SD040321	半圓頭螺絲	Round Head Screw	M5x0.8x8mm	4
35	SD040338	半圓頭螺絲	Round Head Screw		4

圖名 (NAME)	垂直式端面測量系統(A) End Test Attachment(A)	核准 (APP) 沈世傑	日期 (DATE) 2004/7/15	圖號 (NUMBER) AJ140200
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圖號 (NUMBER)	AJ140200
圖名 (DRAWING)	垂直式端面量測系統(A) End Test Attachment(A)
日期 (DATE)	2004/7/15
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
1	KJ145710	下固定座	Lower fixed seating		1
2	KJ144201	端面量測下滑座	Lower slide seat		1
3	KJ144108	端面量測下滑塊	Lower slide block		1
4	KJ144407	平行銷	Fixed block		1
5	SD200037	六角頭螺帽	HEX. HEAD NUT	M6X1	11
6	SD011084	沉頭內六角螺絲	HEX. SOCKET SCREW	M6X1X25L	11
7	SD011565	六角承窩頭螺絲	Screw	M8x1.25x30mm	6
8	KJ144005	端面量測中滑座	Adjusting seat		1
9	KJ143901	端面量測中滑塊	Adjusting block		1
10	KJ144304	滑座斜方銷	Slide seating wedge		2
11	SD011118	六角承窩頭螺絲	Screw	M6x1.0x35mm	3
12	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	3
13	BJ143200	上固定座	Upper seating block		1
14	SD011541	六角承窩頭螺絲	Screw	M8x1.25x20mm	8
15	SD810049	彈簧墊圈	Spring Washer	M8	10
16	KJ143602	端面量測上滑塊(一)	Lower slide block		1
17	KJ143705	端面量測上滑座(二)	Lower slide seat		1
18	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	3
19	BJ143107	固定板	Fixed plate		1
20	BJ143004	軸承固定座	Bearing setting		1
21	SD011077	六角承窩頭螺絲	Screw	M6x1.0x20mm	3
22	SD200044	外六角螺絲帽	Nut	M8x1.25	3
23	SE320010	牙條	Screw	M8x1.25	1
24	BJ140300	氣壓缸固定座	Air cylinder bracket		1
25		氣壓缸	Air Cylinder	MIB-25-185mm	1
26	BJ140207	氣壓缸桿固定座	Bracket		1
27	BJ140104	測頭固定座	Fixed seat		1
28	SD011565	六角承窩頭螺絲	Screw	M8x1.25x30mm	1
29		端面量測探針	Tanch Point	T25G	1
30		線性滑軌	Linear Side	HSR20B2SS+400 L(THK)	1
31	SD010674	六角承窩頭螺絲	Screw	M5x0.8x20mm	2

圖號 (NUMBER)	AJ140200
圖名 (DRAWING)	垂直式端面量測系統(A) End Test Attachment(A)
日期 (DATE)	2004/7/15
頁數 (PAGE)	1-1

NO.	Parts No.	件名	Description	Remarks	Qty.
32	KJ1460000	端面量測護罩	Guard		1
33	KJ146100	後蓋板	Cover		1
34	SD040321	半圓頭螺絲	Round Head Screw	M5x0.8x8mm	4
35	SD040338	半圓頭螺絲	Round Head Screw		4