



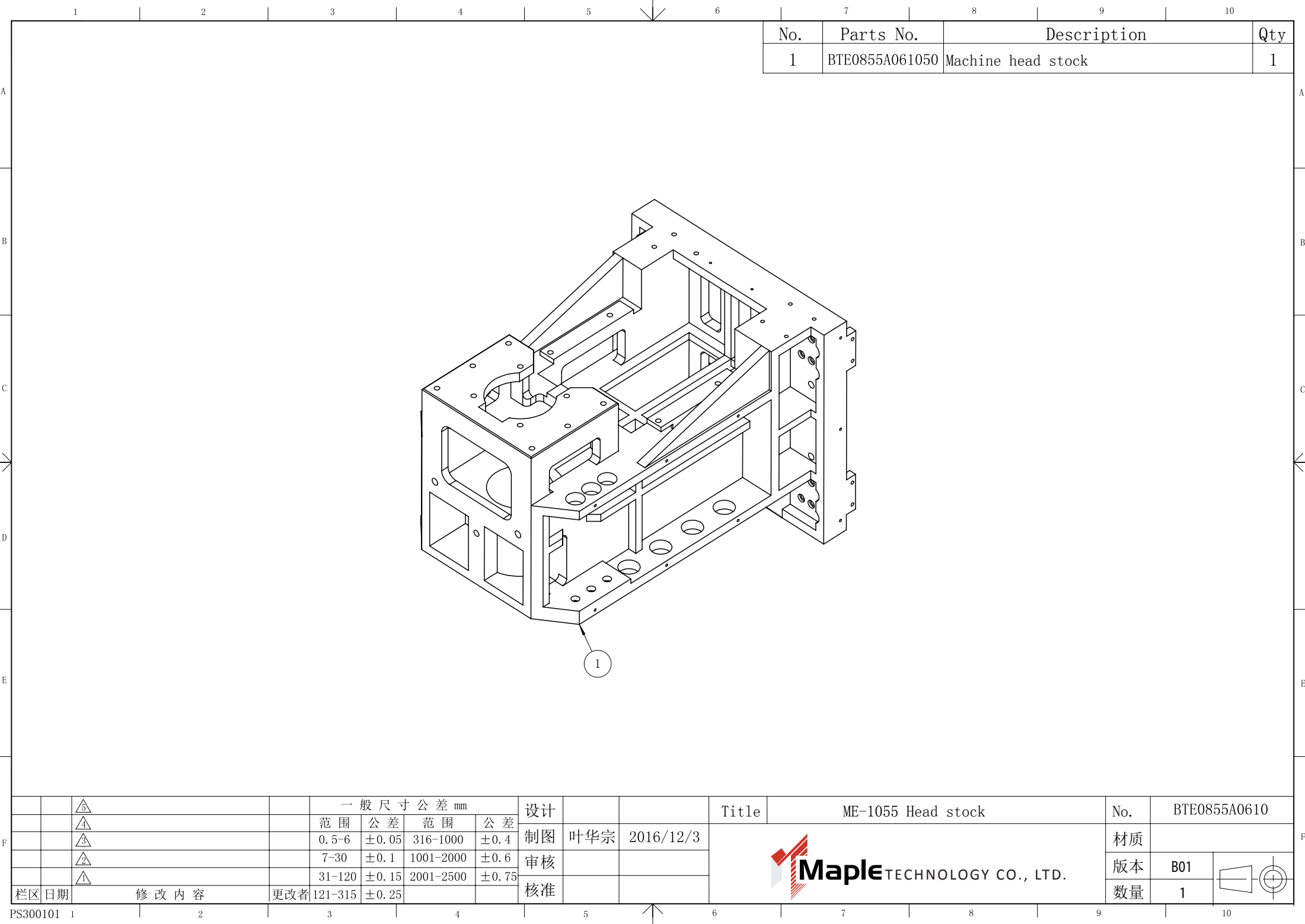
Parts list

Model:VMC4022

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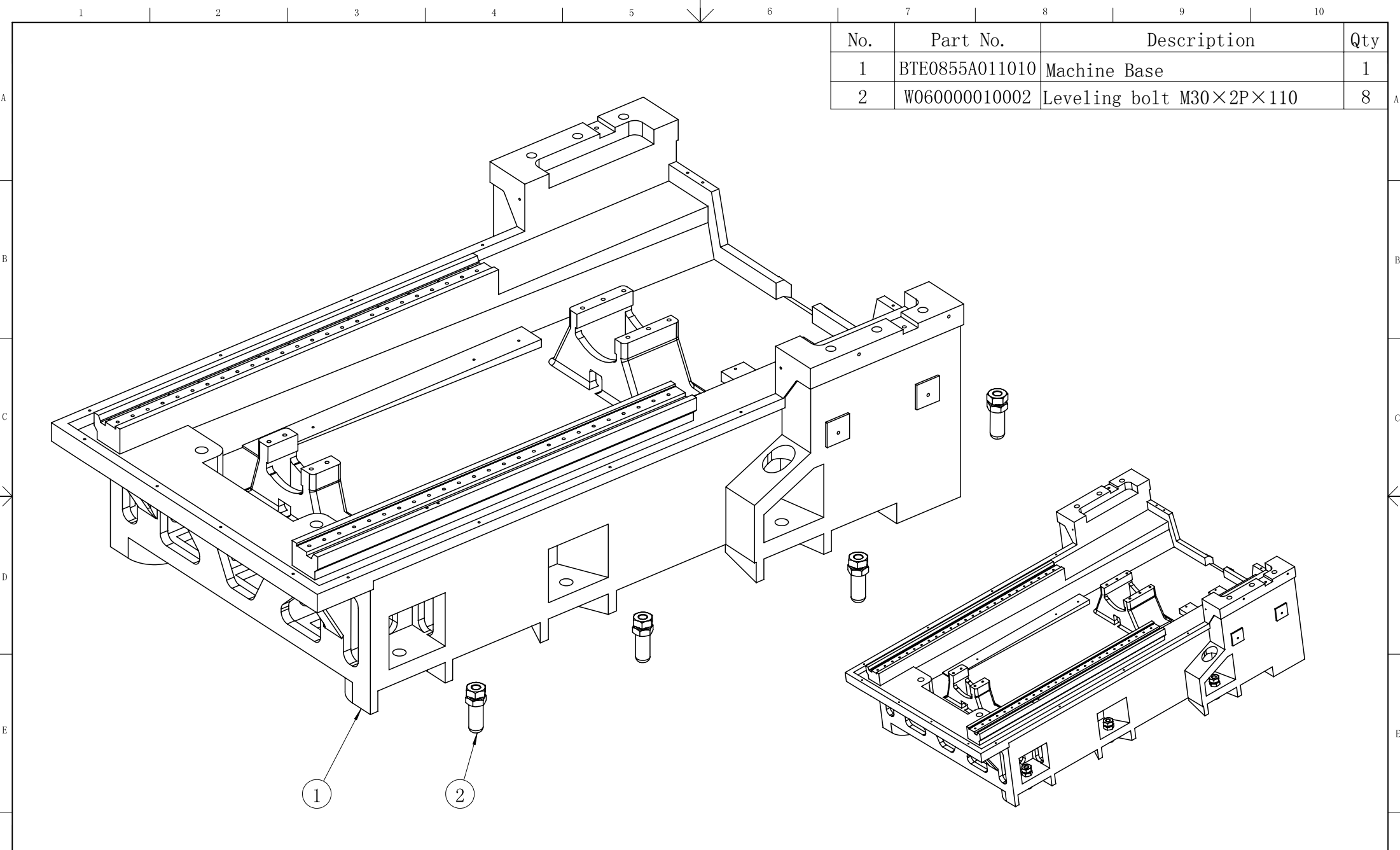
No.	Part No.	Description	Qty.
1	BTE0855A051040	Machine Column	1

				一般尺寸公差 mm				设计			Title	ME-1055 Column			料号	BTE0855A0510	
				范围	公差	范围	公差	制图	叶华宗	2016/12/3		材质					
				0.5-6	±0.05	316-1000	±0.4	审核				版本		B01			
				7-30	±0.1	1001-2000	±0.6	核准				数量		1			
				31-120	±0.15	2001-2500	±0.75										
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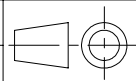
No.	Parts No.	Description	Qty
1	BTE0855A061050	Machine head stock	1

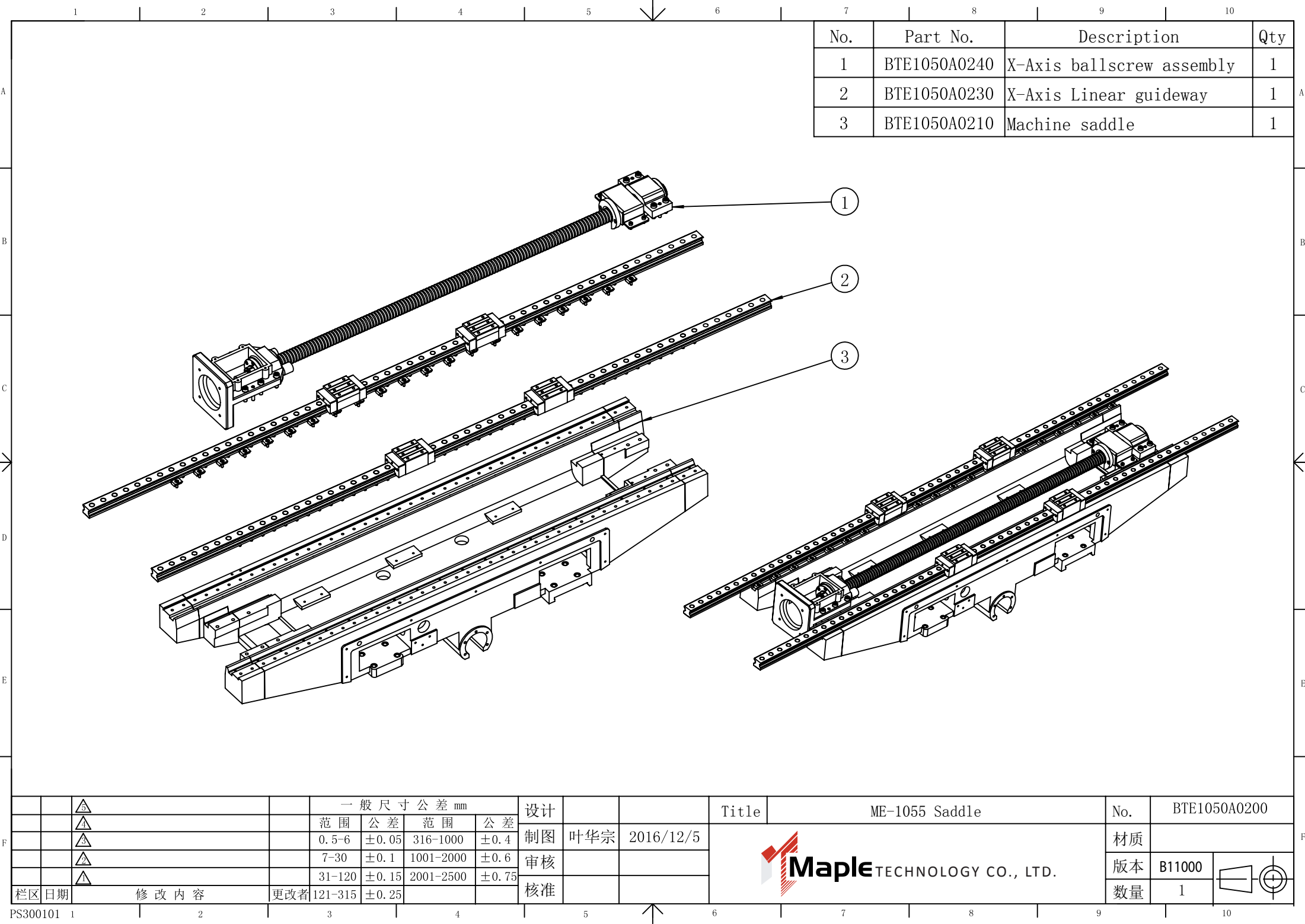
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		2		7-30	±0.1	1001-2000	±0.6									
		1		31-120	±0.15	2001-2500	±0.75									
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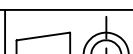
No.	Part No.	Description	Qty
1	BTE0855A011010	Machine Base	1
2	W060000010002	Leveling bolt M30×2P×110	8

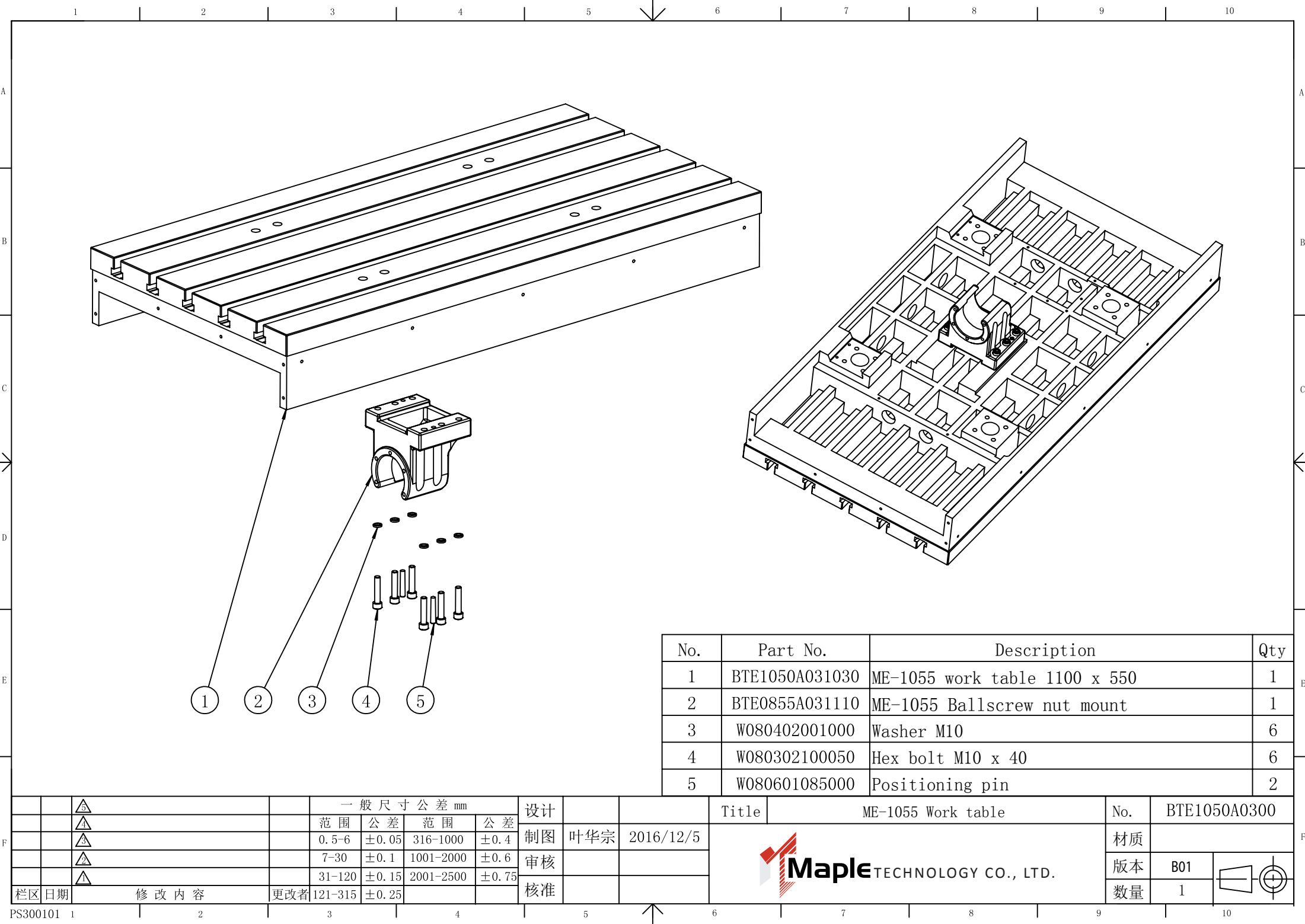
F			一般尺寸公差 mm				设计			Title	ME-1055 Base		No.	BTE0855A0110			
			范围	公差	范围	公差	制图	叶华宗	2016/12/3					材质			
			0.5-6	±0.05	316-1000	±0.4	审核							版本	B01		
			7-30	±0.1	1001-2000	±0.6	核准							数量	1		
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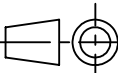


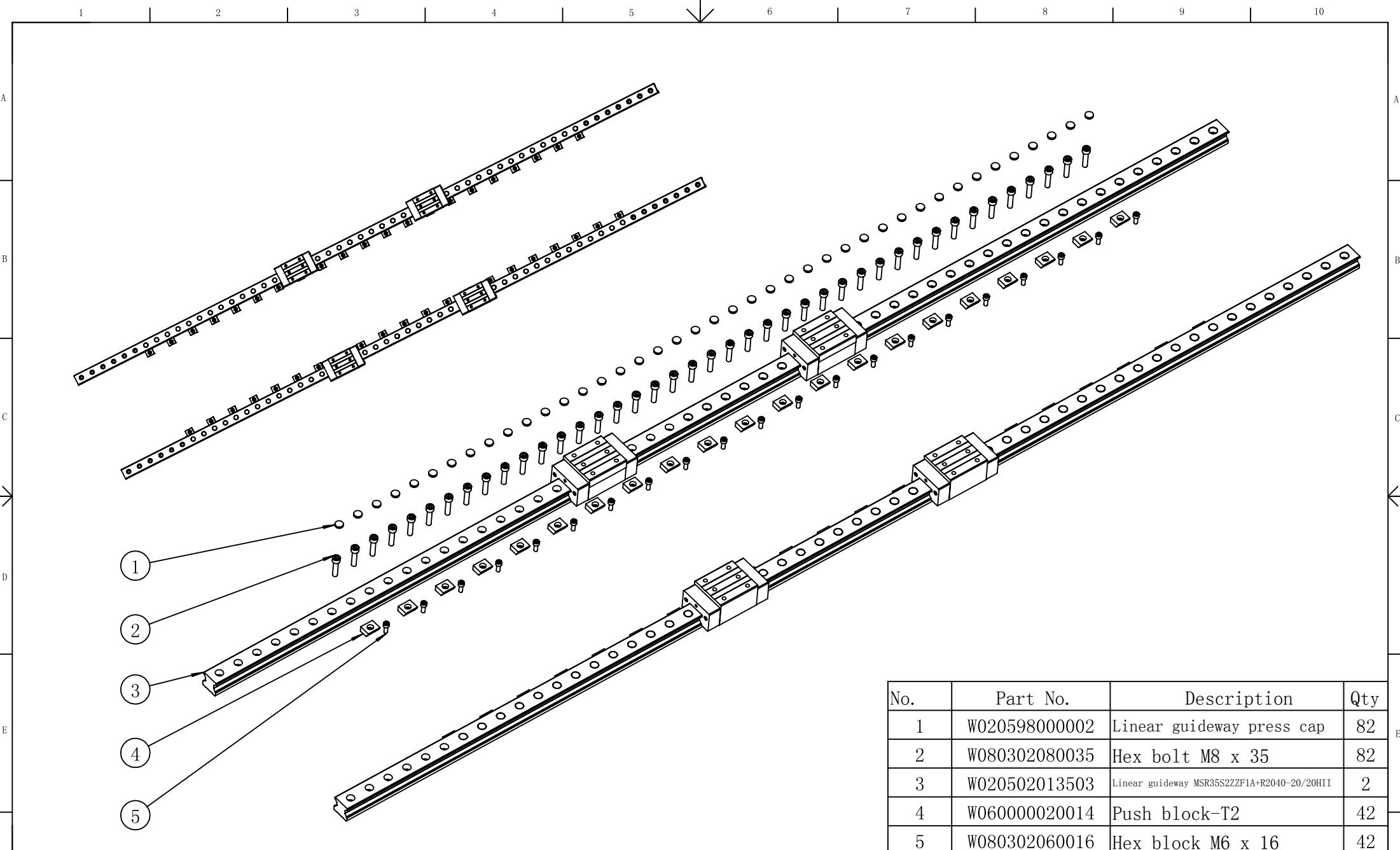
No.	Part No.	Description	Qty
1	BTE1050A0240	X-Axis ballscrew assembly	1
2	BTE1050A0230	X-Axis Linear guideway	1
3	BTE1050A0210	Machine saddle	1

		△	一般尺寸公差 mm				设计			Title	ME-1055 Saddle		No.	BTE1050A0200			
		△	范围	公差	范围	公差	制图	叶华宗	2016/12/5					材质			
		△	0.5-6	±0.05	316-1000	±0.4								版本	B11000		
		△	7-30	±0.1	1001-2000	±0.6								数量	1		
		△	31-120	±0.15	2001-2500	±0.75											
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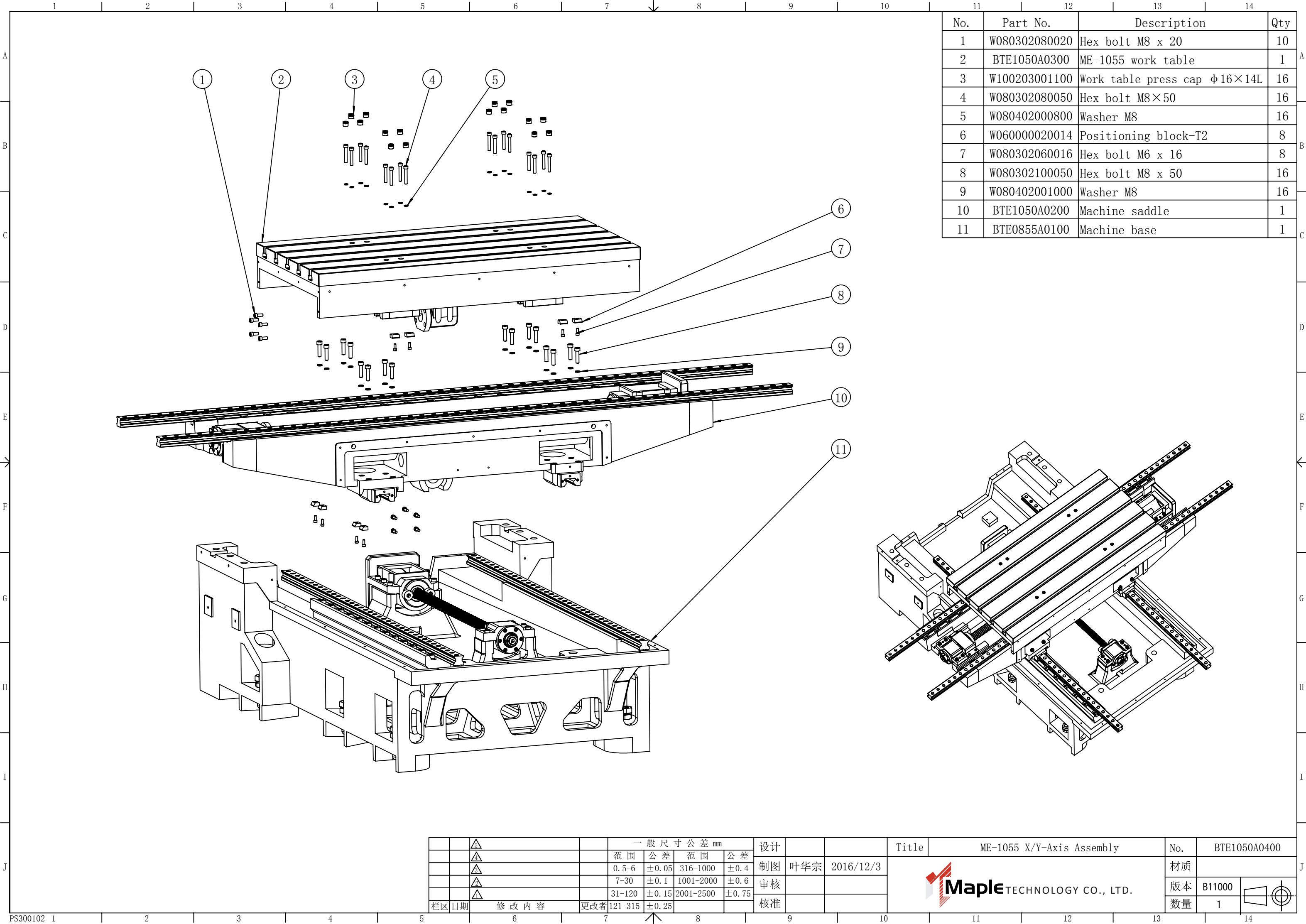
No.	Part No.	Description	Qty
1	BTE1050A031030	ME-1055 work table 1100 x 550	1
2	BTE0855A031110	ME-1055 Ballscrew nut mount	1
3	W080402001000	Washer M10	6
4	W080302100050	Hex bolt M10 x 40	6
5	W080601085000	Positioning pin	2

		△	一般尺寸公差 mm				设计			Title	ME-1055 Work table	No.	BTE1050A0300			
		△	范围	公差	范围	公差	制图	叶华宗	2016/12/5				材质			
		△	0.5-6	±0.05	316-1000	±0.4	审核						版本	B01		
		△	7-30	±0.1	1001-2000	±0.6	核准						数量	1		
		△	31-120	±0.15	2001-2500	±0.75										
栏区	日期	修改内容		更改者	121-315	±0.25										



No.	Part No.	Description	Qty
1	W020598000002	Linear guideway press cap	82
2	W080302080035	Hex bolt M8 x 35	82
3	W020502013503	Linear guideway MSR35S2ZZF1A+R2040-20/20H11	2
4	W060000020014	Push block-T2	42
5	W080302060016	Hex block M6 x 16	42

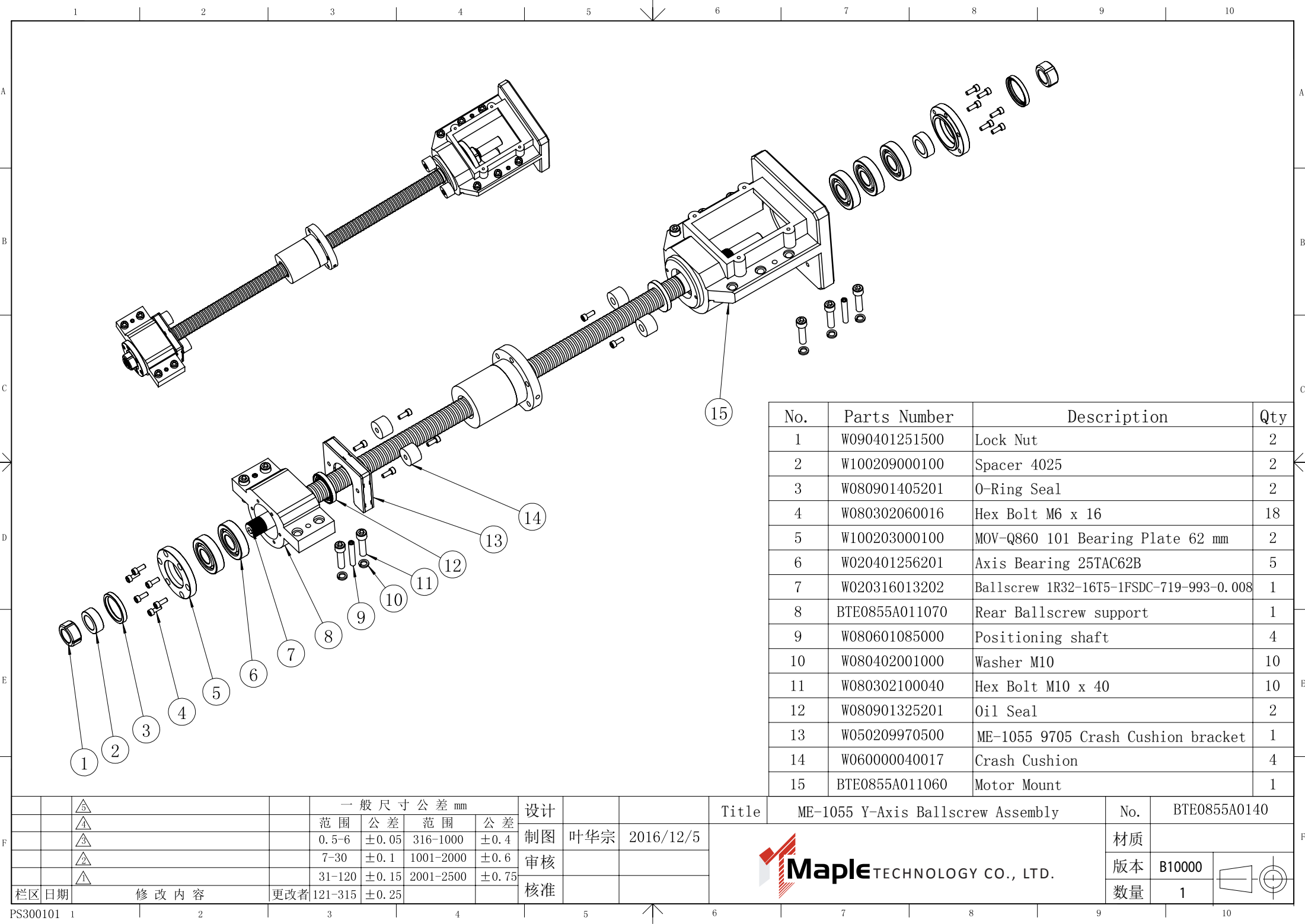
			一般尺寸公差 mm				设计			Title	ME-1055 X-Axis Linear guideway assembly	No.	BTE1050A0230		
			范围	公差	范围	公差	制图	叶华宗	2016/12/5				材质		
			0.5-6	±0.05	316-1000	±0.4	审核						版本	B01000	
			7-30	±0.1	1001-2000	±0.6	核准						数量	1	
栏区	日期		修改内容	更改者	121-315	±0.25									



No.	Part No.	Description	Qty
1	W080302080020	Hex bolt M8 x 20	10
2	BTE1050A0300	ME-1055 work table	1
3	W100203001100	Work table press cap $\phi 16\times 14L$	16
4	W080302080050	Hex bolt M8 $\times$ 50	16
5	W080402000800	Washer M8	16
6	W060000020014	Positioning block-T2	8
7	W080302060016	Hex bolt M6 x 16	8
8	W080302100050	Hex bolt M8 x 50	16
9	W080402001000	Washer M8	16
10	BTE1050A0200	Machine saddle	1
11	BTE0855A0100	Machine base	1

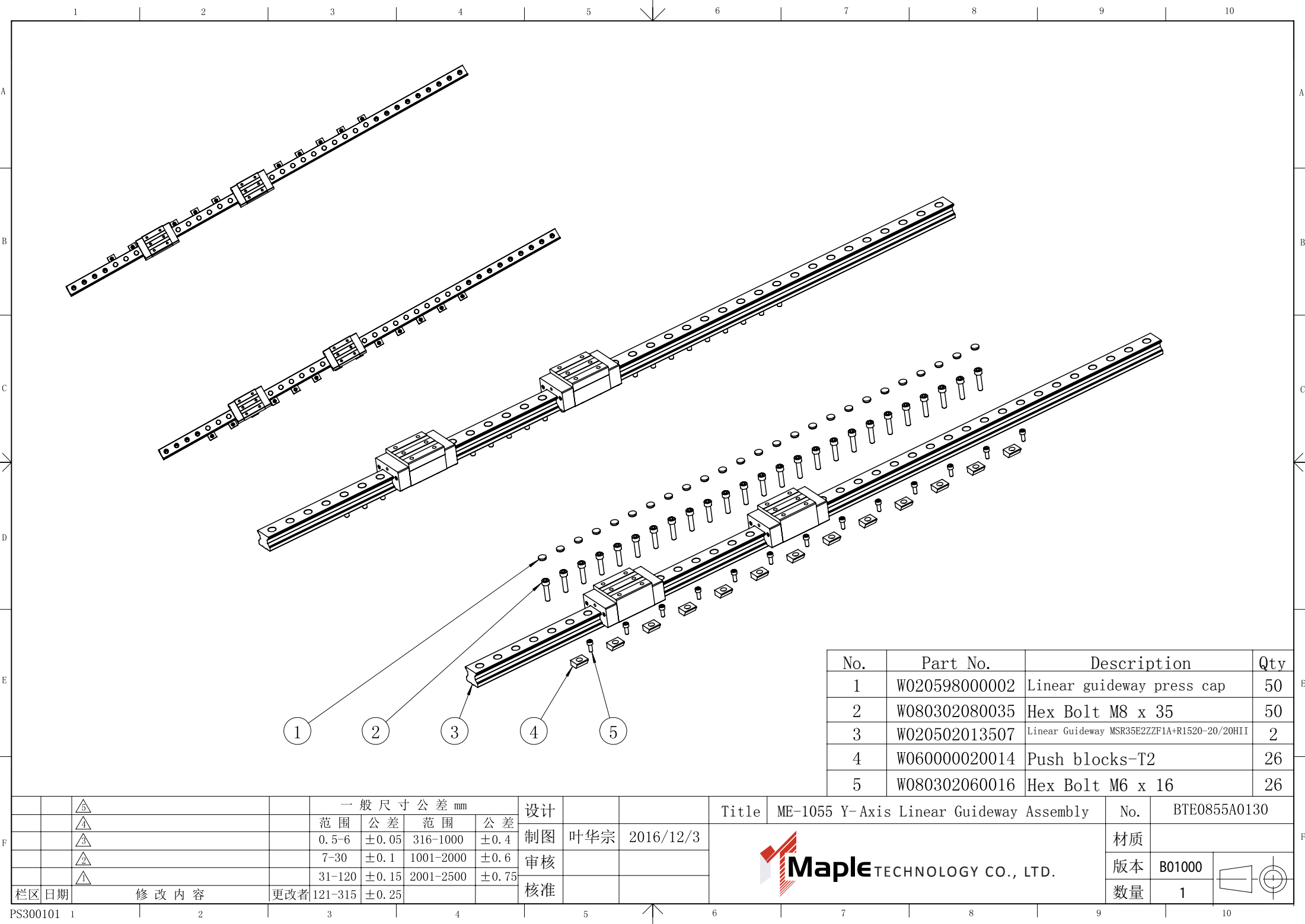
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		△			范 围	公 差	范 围	公 差	制图	叶华宗	2016/12/3	 Maple TECHNOLOGY CO., LTD.	材质					
		△			0.5-6	±0.05	316-1000	±0.4					审核			版本	B11000	
		△			7-30	±0.1	1001-2000	±0.6	核准							数量	1	
		△			31-120	±0.15	2001-2500	±0.75										
栏区	日期	修 改 内 容			更改者	121-315	±0.25											





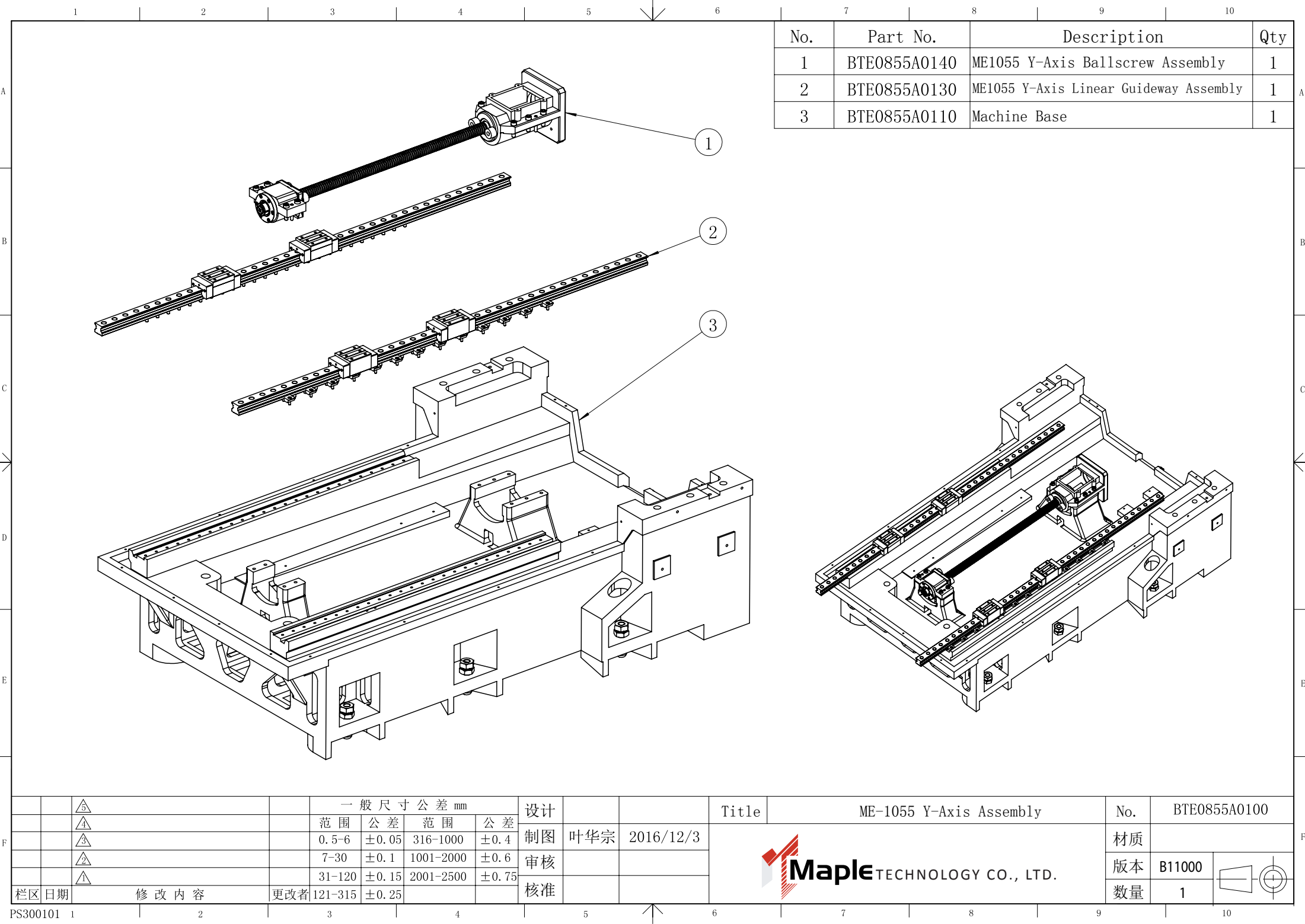
No.	Parts Number	Description	Qty
1	W090401251500	Lock Nut	2
2	W100209000100	Spacer 4025	2
3	W080901405201	O-Ring Seal	2
4	W080302060016	Hex Bolt M6 x 16	18
5	W100203000100	MOV-Q860 101 Bearing Plate 62 mm	2
6	W020401256201	Axis Bearing 25TAC62B	5
7	W020316013202	Ballscrew 1R32-16T5-1FSDC-719-993-0.008	1
8	BTE0855A011070	Rear Ballscrew support	1
9	W080601085000	Positioning shaft	4
10	W080402001000	Washer M10	10
11	W080302100040	Hex Bolt M10 x 40	10
12	W080901325201	Oil Seal	2
13	W050209970500	ME-1055 9705 Crash Cushion bracket	1
14	W060000040017	Crash Cushion	4
15	BTE0855A011060	Motor Mount	1

		△		一般尺寸公差 mm		设计		Title		ME-1055 Y-Axis Ballscrew Assembly		No.		BTE0855A0140	
		△		范围	公差	范围	公差	制图	叶华宗	2016/12/5	Maple TECHNOLOGY CO., LTD.		材质		
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		△		7-30	±0.1	1001-2000	±0.6								
		△		31-120	±0.15	2001-2500	±0.75								
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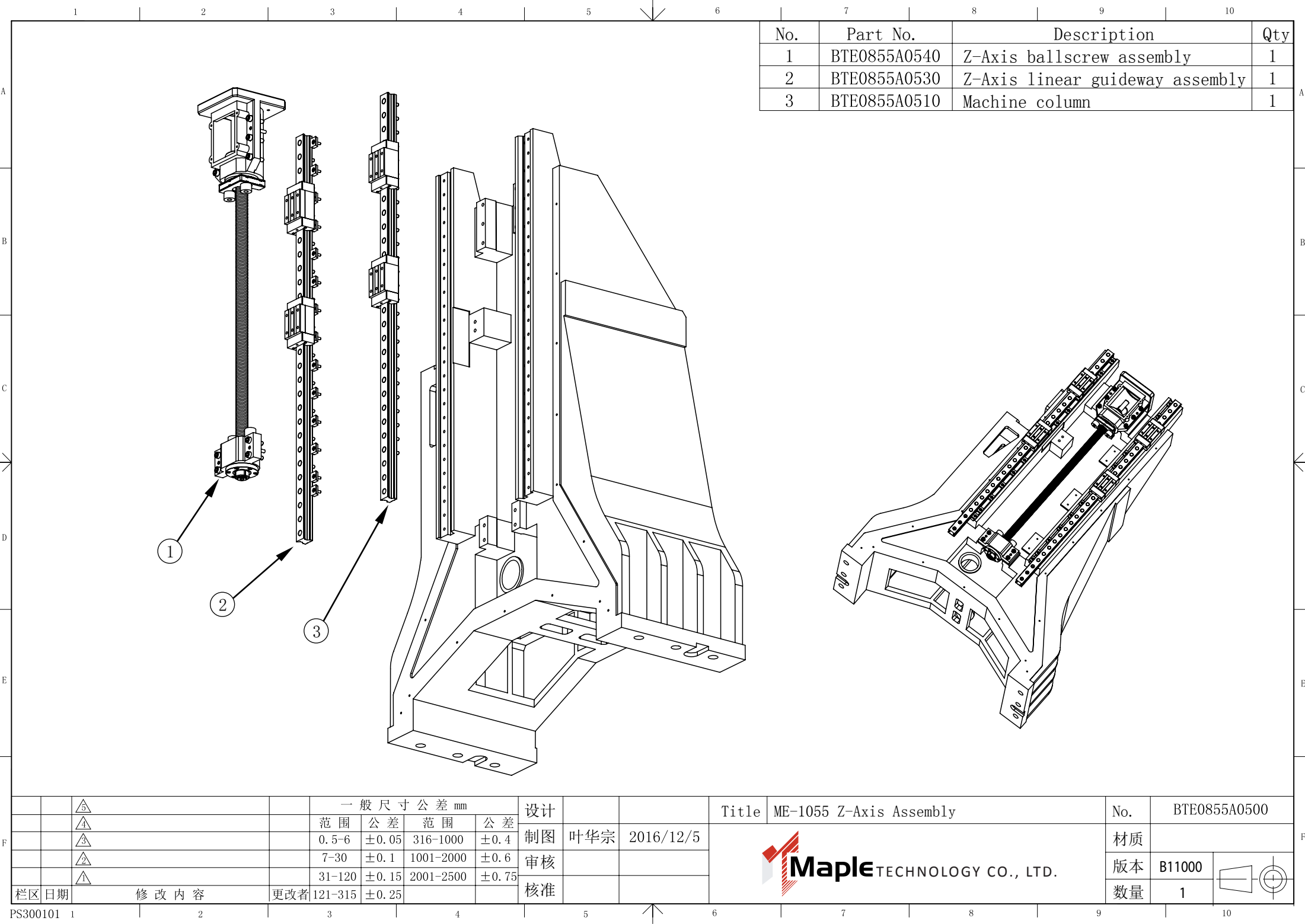
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1	W020598000002	Linear guideway press cap	50
2	W080302080035	Hex Bolt M8 x 35	50
3	W020502013507	Linear Guideway MSR35E2ZZF1A+R1520-20/20HII	2
4	W0600000020014	Push blocks-T2	26
5	W080302060016	Hex Bolt M6 x 16	26

		⑤	一般尺寸公差 mm				设计			Title	ME-1055 Y-Axis Linear Guideway Assembly	No.	BTE0855A0130			
		④	范围	公差	范围	公差	制图	叶华宗	2016/12/3			材质				
		③	0.5-6	±0.05	316-1000	±0.4						审核			版本	B01000
		②	7-30	±0.1	1001-2000	±0.6	核准								数量	1
		①	31-120	±0.15	2001-2500	±0.75										
栏区	日期	修改内容		更改者	121-315	±0.25										



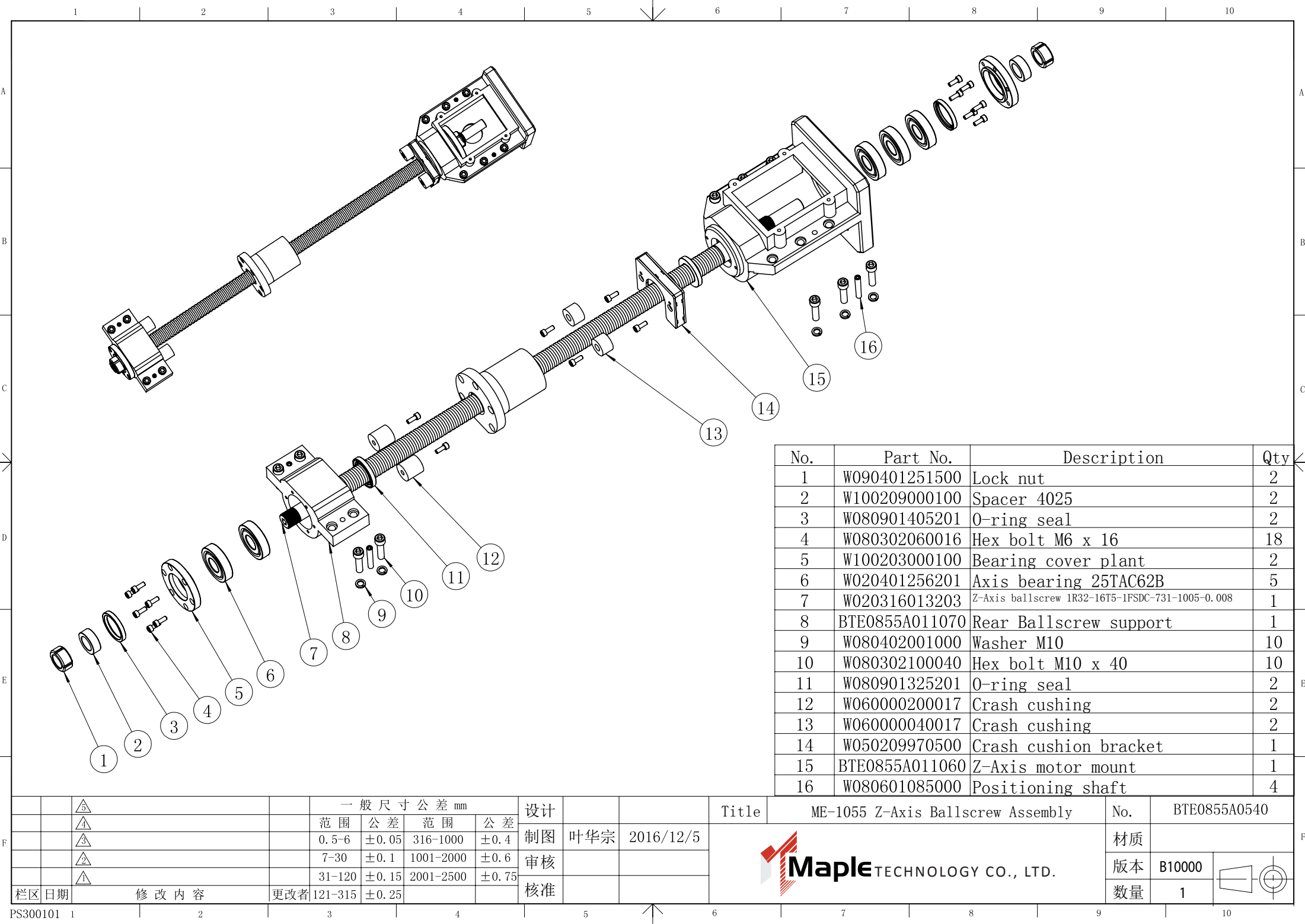
No.	Part No.	Description	Qty
1	BTE0855A0140	ME1055 Y-Axis Ballscrew Assembly	1
2	BTE0855A0130	ME1055 Y-Axis Linear Guideway Assembly	1
3	BTE0855A0110	Machine Base	1

		一般尺寸公差 mm		设计		Title		ME-1055 Y-Axis Assembly		No.		BTE0855A0100	
		范围 公差		范围 公差		制图 叶华宗		2016/12/3		材质			
		0.5-6 ±0.05		316-1000 ±0.4		审核				版本		B11000	
		7-30 ±0.1		1001-2000 ±0.6		核准				数量		1	
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栏区 日期		修改内容		更改者		121-315 ±0.25							

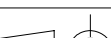


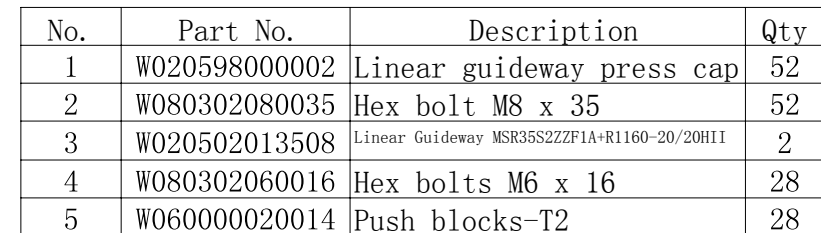
No.	Part No.	Description	Qty
1	BTE0855A0540	Z-Axis ballscrew assembly	1
2	BTE0855A0530	Z-Axis linear guideway assembly	1
3	BTE0855A0510	Machine column	1

		⑤	一般尺寸公差 mm				设计			Title	ME-1055 Z-Axis Assembly	No.	BTE0855A0500		
		④	范围	公差	范围	公差	制图	叶华宗	2016/12/5		材质				
		③	0.5-6	±0.05	316-1000	±0.4									
		②	7-30	±0.1	1001-2000	±0.6	审核					版本	B11000		
		①	31-120	±0.15	2001-2500	±0.75	核准					数量	1		
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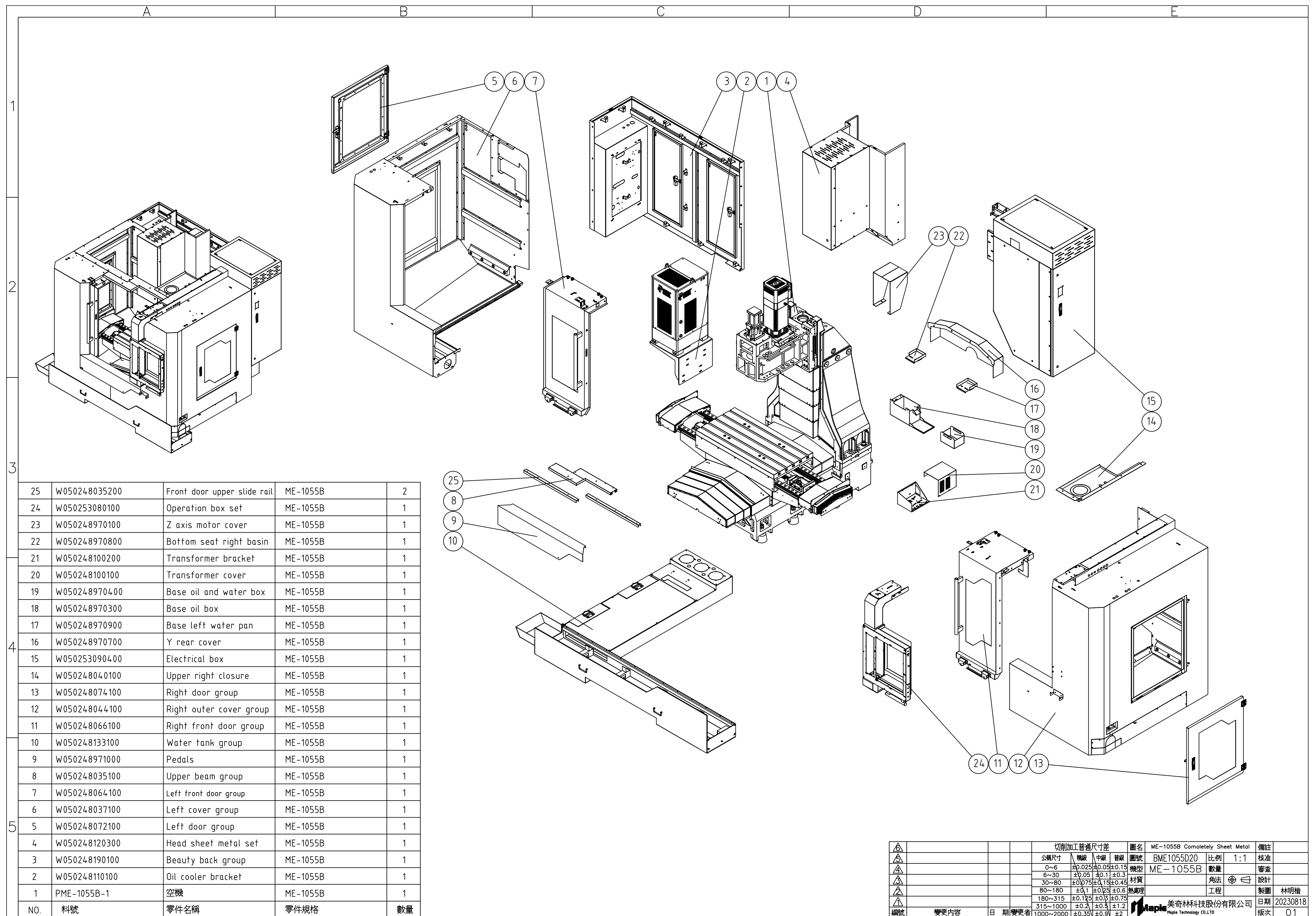


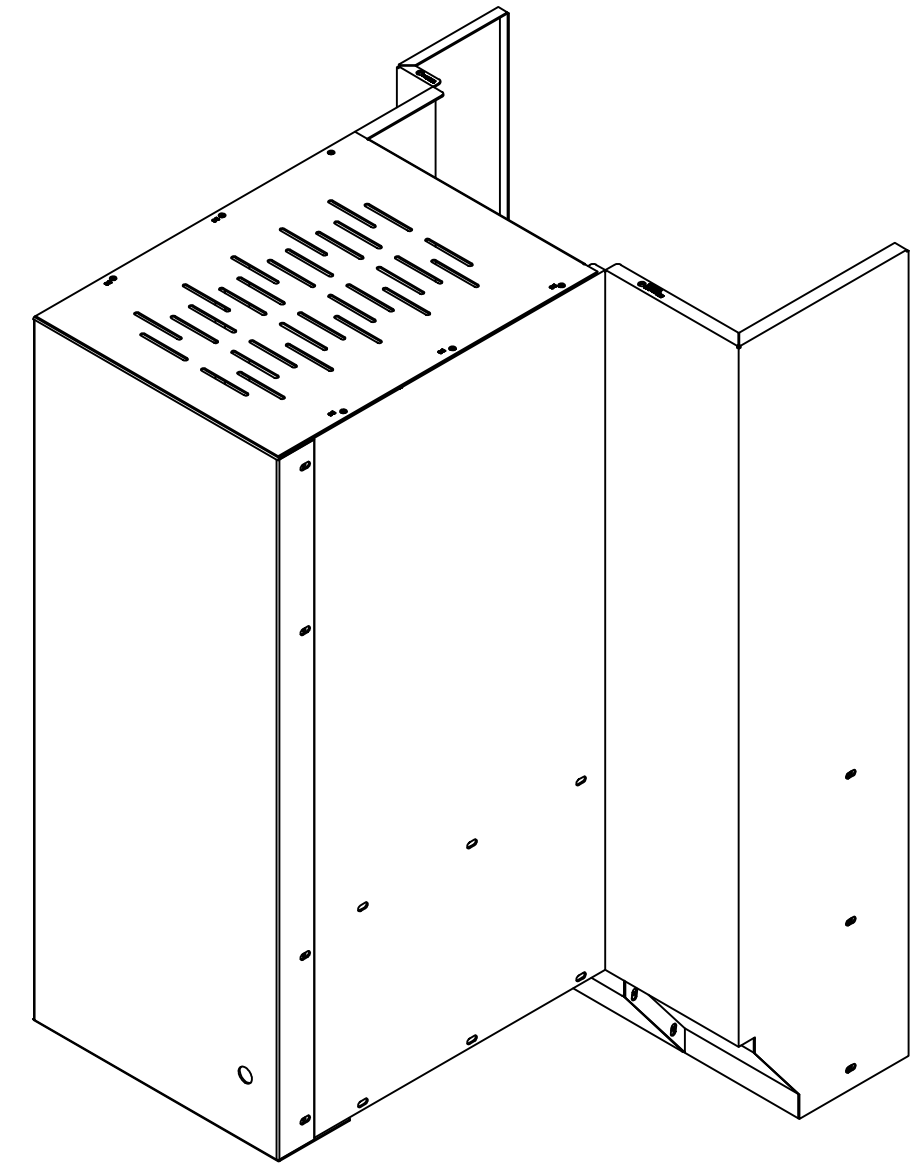
No.	Part No.	Description	Qty
1	W090401251500	Lock nut	2
2	W100209000100	Spacer 4025	2
3	W080901405201	O-ring seal	2
4	W080302060016	Hex bolt M6 x 16	18
5	W100203000100	Bearing cover plant	2
6	W020401256201	Axis bearing 25TAC62B	5
7	W020316013203	Z-Axis ballscrew 1R32-16T5-1FSDC-731-1005-0.008	1
8	BTE0855A011070	Rear Ballscrew support	1
9	W080402001000	Washer M10	10
10	W080302100040	Hex bolt M10 x 40	10
11	W080901325201	O-ring seal	2
12	W060000200017	Crash cushioning	2
13	W060000040017	Crash cushioning	2
14	W050209970500	Crash cushion bracket	1
15	BTE0855A011060	Z-Axis motor mount	1
16	W080601085000	Positioning shaft	4

			一般尺寸公差 mm				设计			Title	ME-1055 Z-Axis Ballscrew Assembly		No.	BTE0855A0540				
			范围	公差	范围	公差	制图	叶华宗	2016/12/5	 Maple TECHNOLOGY CO., LTD.			材质					
			0.5-6	±0.05	316-1000	±0.4							审核			版本	B10000	
			7-30	±0.1	1001-2000	±0.6										数量	1	
			31-120	±0.15	2001-2500	±0.75												
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PS300101 1 2 3 4 5 6 7 8 9 10																		

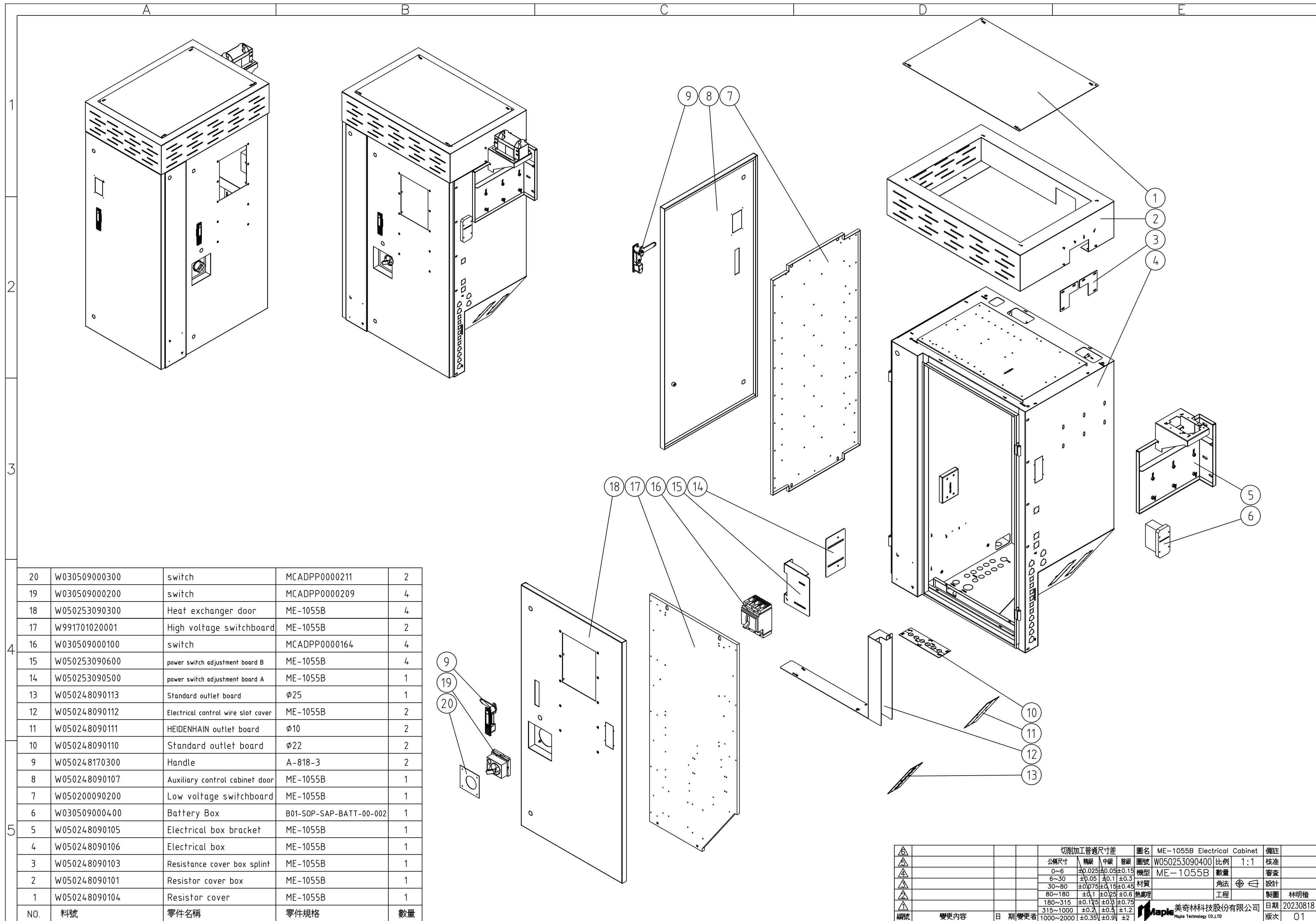


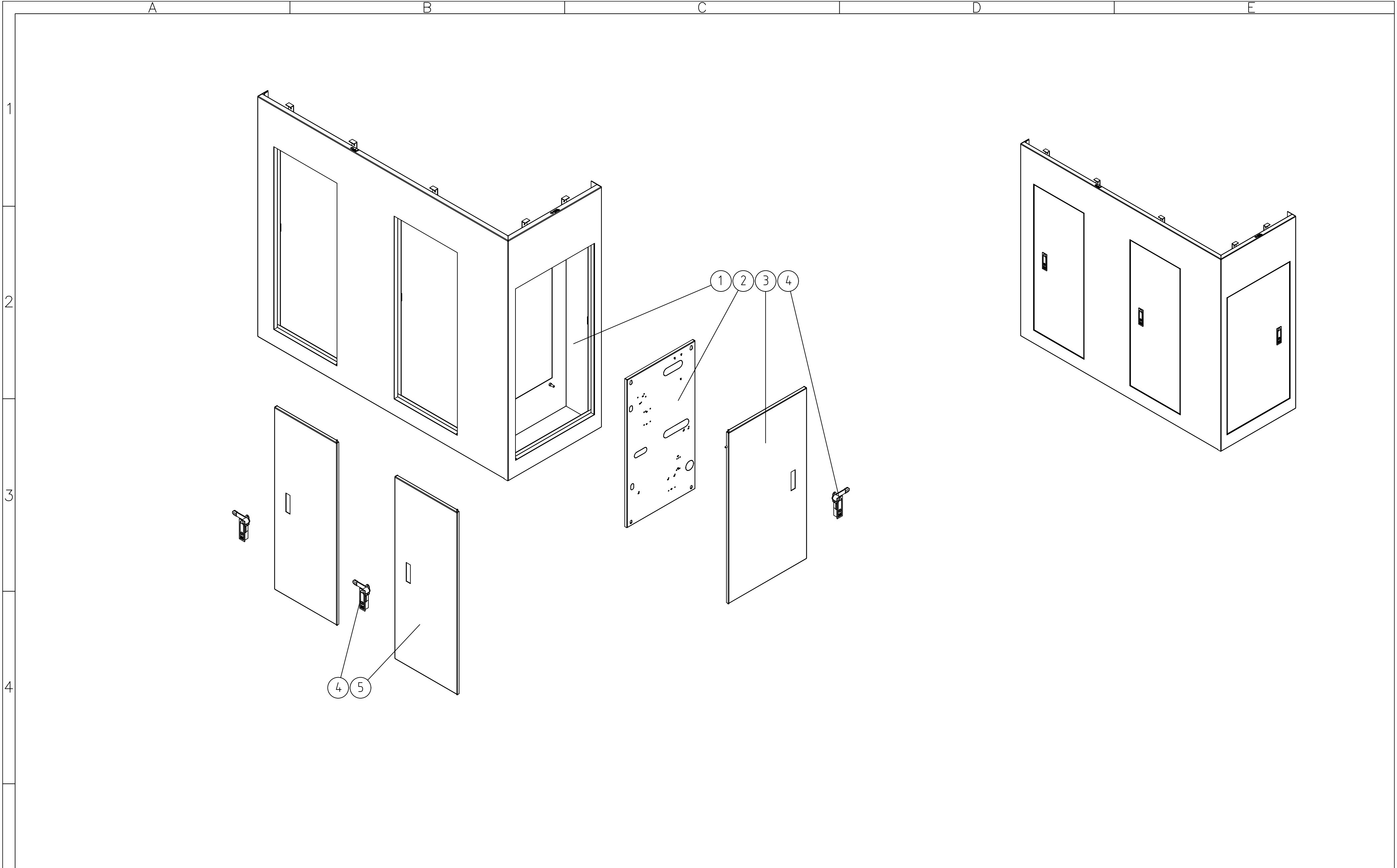
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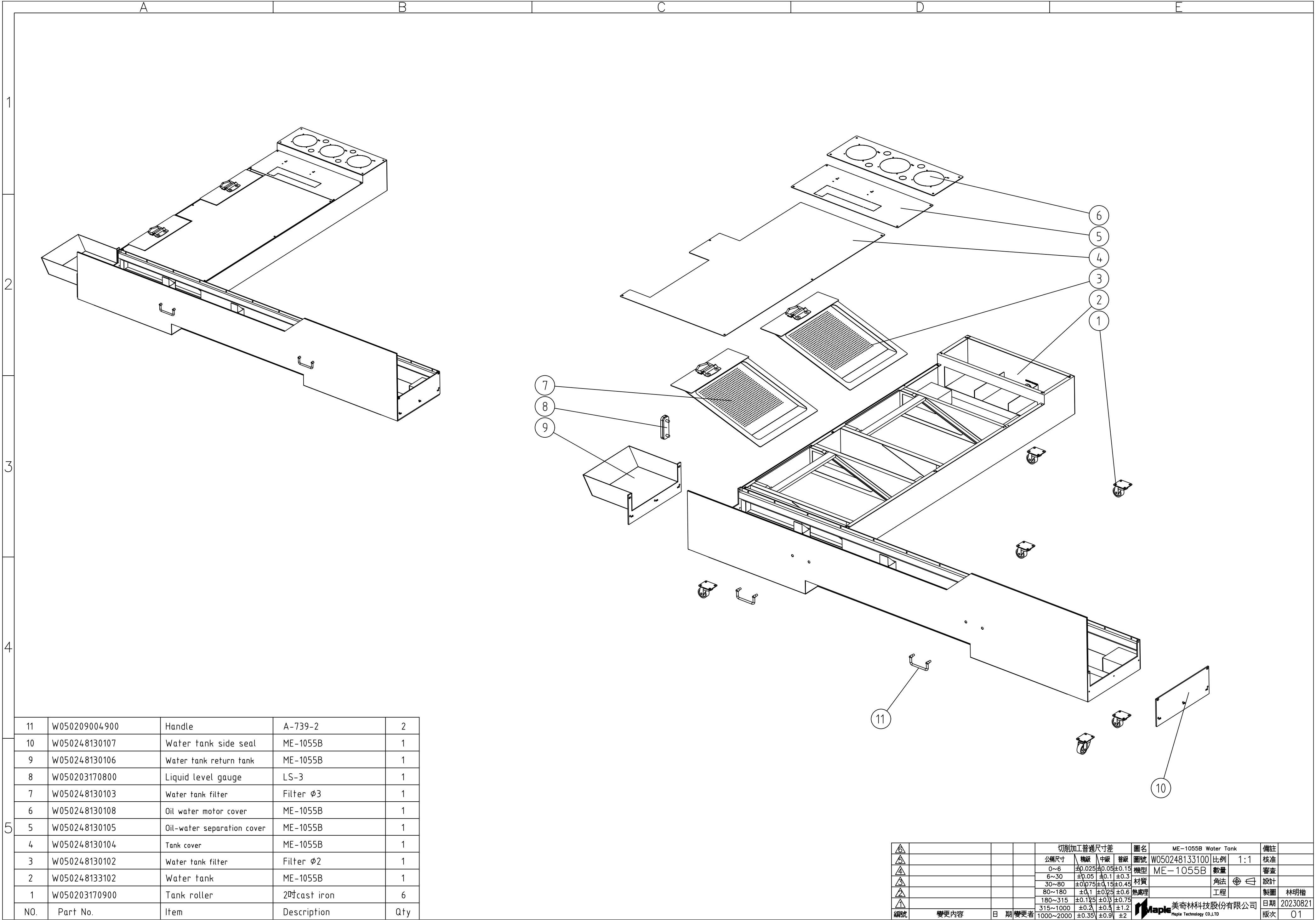
△				切削加工普通尺寸差				圖名	ME-1055B Head Sheet Metal		備註
△				公稱尺寸	精級	中級	晉級	圖號	W050248120300	比例 1:1	核准
△				0~6	±0.025	±0.05	±0.15	機型	ME-1055B	數量	審查
△				6~30	±0.05	±0.1	±0.3			角法	設計
△				30~80	±0.075	±0.15	±0.45	材質		 	
△				80~180	±0.1	±0.25	±0.6	熱處理		工程	製圖 林明楷
△				180~315	±0.125	±0.3	±0.75				
△				315~1000	±0.3	±0.5	±1.2				日期 20230818
編號	變更內容	日期	變更者	1000~2000	±0.5	±0.9	±2		美奇林科技股份有限公司 Maple Technology Co., Ltd		版次 01





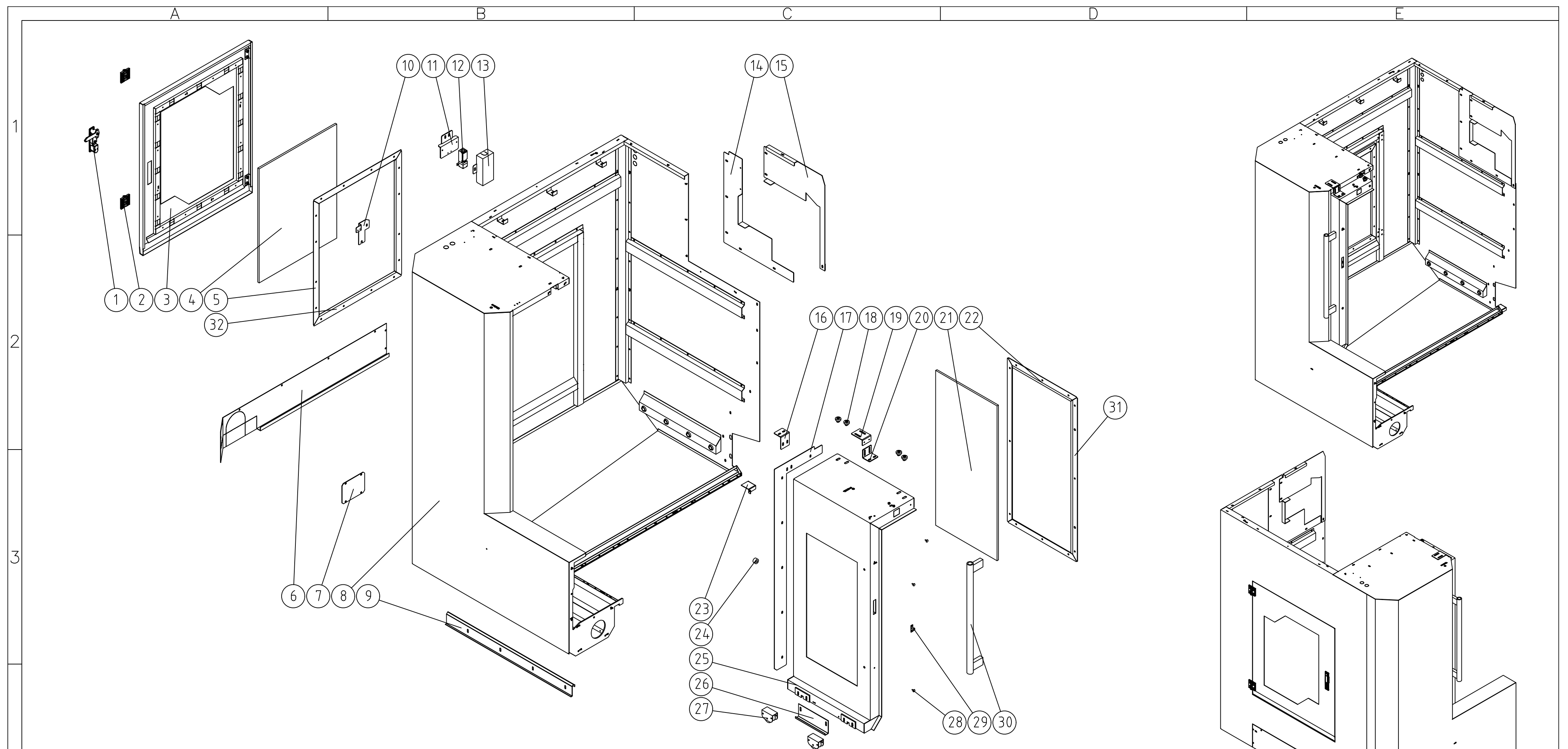
5	5	W050248190102	Beauty back door	M-One10 1106	2
	4	W050248170200	Handle	RV-180-4	3
	3	W050248190101	3 points with panel door	ME-1055B	1
	2	W050248190104	3 point comb fixed plate	ME-1055B	1
	1	W050248190103	Beauty back door frame	ME-1055B	1
	NO.	Part No.	Item	Description	Qty.

△				切割加工普通尺寸差			圖名	ME-1055B Back Sheet Metal		備註		
△				公稱尺寸	精級	中級	普級	圖號	W050248190100	比例	1:1	核准
△				0~6	±0.025	±0.05	±0.15	機型	ME-1055B	數量		審查
△				6~30	±0.05	±0.1	±0.3	材質		角法		設計
△				30~80	±0.075	±0.15	±0.45	熱處理		工程		製圖
△				80~180	±0.1	±0.25	±0.6					林明楷
△				180~315	±0.125	±0.3	±0.75					日期
△				315~1000	±0.2	±0.5	±1.2					20230818
△				1000~2000	±0.35	±0.9	±2					版次
△				變更內容	日期	變更者			美奇林科技股份有限公司			01
								Maple Technology CO.,LTD				

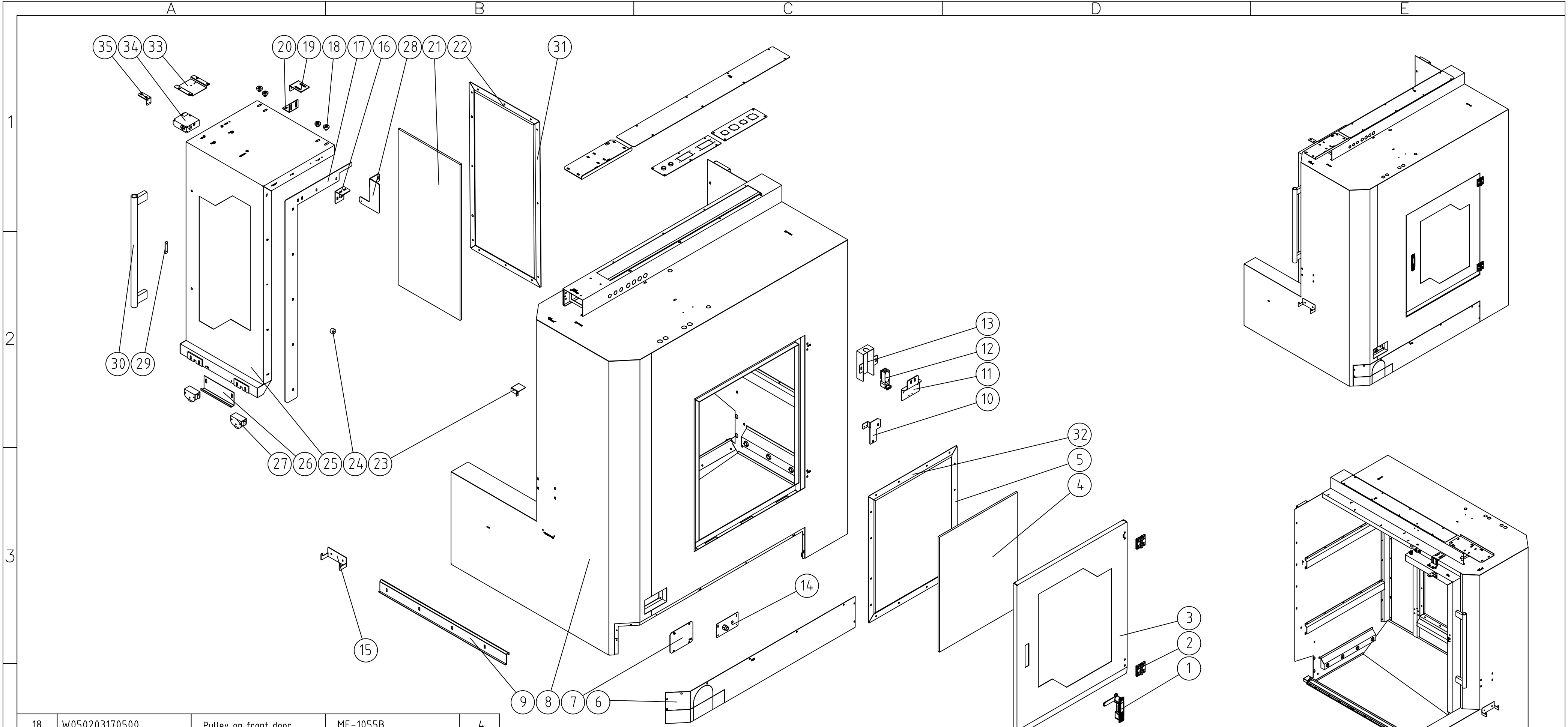


11	W050209004900	Handle	A-739-2	2
10	W050248130107	Water tank side seal	ME-1055B	1
9	W050248130106	Water tank return tank	ME-1055B	1
8	W050203170800	Liquid level gauge	LS-3	1
7	W050248130103	Water tank filter	Filter $\phi 3$	1
6	W050248130108	Oil water motor cover	ME-1055B	1
5	W050248130105	Oil-water separation cover	ME-1055B	1
4	W050248130104	Tank cover	ME-1055B	1
3	W050248130102	Water tank filter	Filter $\phi 2$	1
2	W050248133102	Water tank	ME-1055B	1
1	W050203170900	Tank roller	2吋cast iron	6
NO.	Part No.	Item	Description	Qty

△				切削加工普通尺寸差				圖名	ME-1055B Water Tank		備註
△	公稱尺寸	精級	中級	普級	圖號	W050248133100	比例	1:1	核准		
△	0~6	±0.025	±0.05	±0.15	機型	ME-1055B	數量		審查		
△	6~30	±0.05	±0.1	±0.3	材質		角法	☉	設計		
△	30~80	±0.075	±0.15	±0.45	熱處理		工程		製圖	林明楷	
△	80~180	±0.1	±0.25	±0.6					日期	20230821	
△	180~315	±0.125	±0.3	±0.75					版次	01	
△	315~1000	±0.2	±0.5	±1.2							
△	1000~2000	±0.35	±0.9	±2							
編號	變更內容	日 期	變更者								

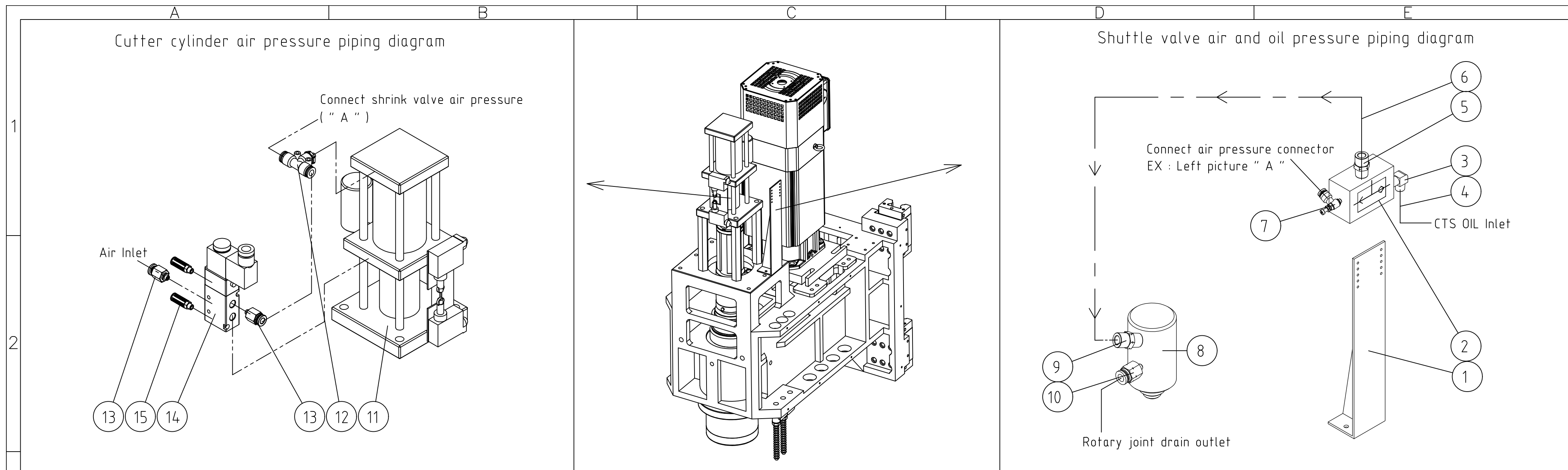


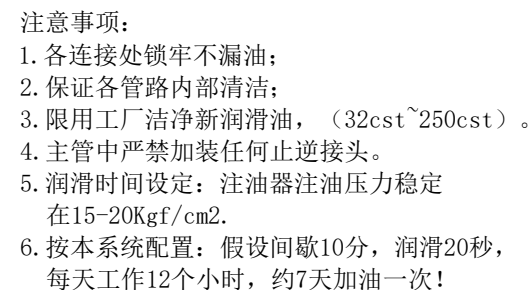
4	16	W050248060900	Front door fixing plate C	ME-1055B	1	32	W050249070200	Glass bead	ME-1055B	2
	15	W050253030200	Tool magazine cover B	ME-1055B	1	31	W050248063300	Glass bead	ME-1055B	2
	14	W050253030100	Tool magazine cover A	ME-1055B	1	30	W050248170500	Handle	A-737-3-600	1
	13	W050214070200	Side door CE cover	ME-1055B	1	29	W050203170700	Copper door stall	69MM	1
	12	W030111000019	CE switch	D4NS-1AF+D4DS-K2	1	28	W050203170100	Anti-collision glue	P.P, 3MM	3
	11	W050214070100	CE switch mounting plate	ME-1055B	1	27	W050248170500	Front door pulley	ME-1055B	2
5	10	W050248070102	CE latch plate	ME-1055B	1	26	W050248060300	Lower hook plate	ME-1055B	1
	9	W050248031300	Front door sliding rail	ME-1055B	1	25	W050248064200	Left front door	ME-1055B	1
	8	W050248037200	Left cover	ME-1055B	1	24	W050248170600	Anti-collision glue	D25×15L	1
	7	W050248037400	Crumb cover	ME-1055B	1	23	W050248031600	Left outer cover	ME-1055B	1
	6	W050248037300	Left outer cover lower guard	ME-1055B	1	22	W050248060400	Glass bead	ME-1055B	2
	5	W050249070100	Glass bead	ME-1055B	2	21	W120308000168	Glass	950-435-10T	1
	4	W120308000105	Glass	700-550-10T	1	20	W050248060800	Exit bracket B	ME-1055B	1
	3	W050248064200	Left door	ME-1055B	1	19	W050248060701	Exit bracket A	ME-1055B	1
	2	W050248170400	Anklet	B-226-1	2	18	W050203170500	Pulley on front door	ME-1055B	4
	1	W050248170300	Handle	A-818-3	1	17	W050248061000	Water flap	ME-1055B	1
	NO.	Part No.	Item	Description	Qty	NO.	Part No.	Item	Description	Qty



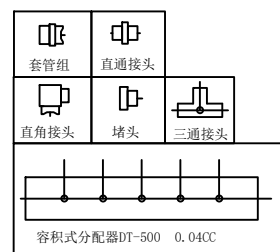
4	18	W050203170500	Pulley on front door	ME-1055B	4	35	W050228060500	CE front door latch seat	ME-1055B	1
	17	W050248062300	Water flap	ME-1055B	1	34	W030111000026	Front door CE switch	ME-1055B	1
	16	W050248060900	Front door fixing plate C	ME-1055B	1	33	W050228060101	CE front door switch seat A	ME-1055B	1
	15	W050248042100	Feng Shui Gun Hook	ME-1055B	1	32	W050249070200	Glass bead	ME-1055B	2
5	14	W050248041200	Feng Shui gun cover	ME-1055B	1	31	W050248063300	Glass bead	ME-1055B	2
	13	W050214070200	Side door CE cover	ME-1055B	1	30	W050248170500	Handle	A-737-3-600	1
	12	W030111000019	CE switch	D4NS-1AF+D4DS-K2	1	29	W050214003014	Copper door adjustment plate	ME-1055B	1
	11	W050214070100	CE switch mounting plate	ME-1055B	1	28	W050248062200	CE switch pipe rack	ME-1055B	1
	10	W050248070202	CE latch plate	ME-1055B	1	27	W050248170500	Front door pulley	ME-1055B	2
	9	W050248031300	Front door sliding rail	ME-1055B	1	26	W050248060300	Lower hook plate	ME-1055B	1
	8	W050248044200	Right cover	ME-1055B	1	25	W050248066200	Left front door	ME-1055B	1
	7	W050248037400	Crumb cover	ME-1055B	1	24	W050248170600	Anti-collision glue	D25x15L	1
	6	W050248037300	Left outer cover lower guard	ME-1055B	1	23	W050248042000	Left outer cover	ME-1055B	1
	5	W050249070100	Glass bead	ME-1055B	2	22	W050248060400	Glass bead	ME-1055B	2
	4	W120308000105	Glass	700-550-10T	1	21	W120308000168	Glass	950-435-10T	1
	3	W050248064200	Left door	ME-1055B	1	20	W050248060800	Exit bracket B	ME-1055B	1
	2	W050248170400	Anklet	B-226-1	2	19	W050248060701	Exit bracket A	ME-1055B	1
	1	W050248170300	Handle	A-818-3	1					
NO.		Part No.	Item	Description	Qty	NO.	Part No.	Item	Description	Qty

切削加工普通尺寸差				圖名	ME-1055B Right Side Sheet Metal		備註
公稱尺寸	精級	中級	普級	圖號	W050248045000	比例	1:1
0~6	±0.025	±0.05	±0.15	機型	ME-1055B	數量	核准
6~30	±0.05	±0.1	±0.3	材質		角法	設計
30~80	±0.075	±0.15	±0.45	熱處理		工程	製圖
80~180	±0.1	±0.25	±0.6	日期	20230821	版次	01
180~315	±0.125	±0.3	±0.75	Maple 美奇林科技股份有限公司 Maple Technology CO.,LTD			
315~1000	±0.2	±0.5	±1.2				
1000~2000	±0.35	±0.9	±2				
編號	變更內容		日期	變更者			

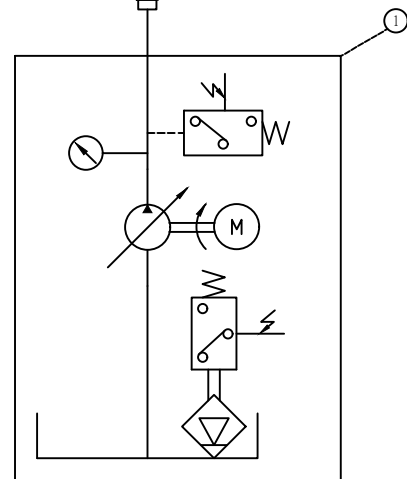




【以上配置不可随意变动，以免不良状况发生。如有异动，须双方确认！】



润滑部分：
X轴-丝杆、导轨
Y轴-丝杆、导轨
Z轴-丝杆、导轨



Product List					
Item	Description	Specifications	Unit	Quantity	Remark
1	Volumetric electric oil injection machine	CEN03(15KG)	SET	1	220V/Ø6
2	Filter	WL-Q6	PCS	1	
3	Casing	PB06+PA06	SET	6	
4	Lubricating oil pipe	Ø6	meters/unit	9.2	
5	Internal Tee	φ 6孔× (M10×1) 内	SET	1	
6	Volumetric distributor	DT-500 0.04CC	SET	3	
7	Casing	PB04+PA04	SET	15	
8	Lubricating oil pipe	Ø4	meters/unit	16.7	
9	Right angle connector	PH0401- φ 4×(M8×1)内×PT1/8外	SET	3	
10	Casing plug	PG06	SET	2	
11	Right angle connector	PH0601- φ 6×(M10×1)内×PT1/8外	SET	4	

△6				切削加工普通尺寸差				圖名	空油壓迴路圖			備註	
△5				公稱尺寸	精級	中級	普級	圖號	ME855XYZ001	比例	1:1	核准	
△4				0~6	±0.025	±0.05	±0.15	機型	ME-655/855/1055	數量		審查	
△3				6~30	±0.05	±0.1	±0.3	材質		角法		設計	
△2				30~80	±0.075	±0.15	±0.45						
△1				80~180	±0.1	±0.25	±0.6	熱處理		工程		製圖	林明楷
△1				180~315	±0.125	±0.3	±0.75	美奇林科技股份有限公司 Maple Technology CO.,LTD				日期	20230908
				315~1000	±0.2	±0.5	±1.2					版次	00
				1000~2000	±0.35	±0.9	±2						
編號	變更內容	日 期	變更者										



美奇林科技股份有限公司
Maple Technology CO.,LTD

日期	20230908
版次	00

2.3 刀庫結構概觀 Overview of tool magazine structure



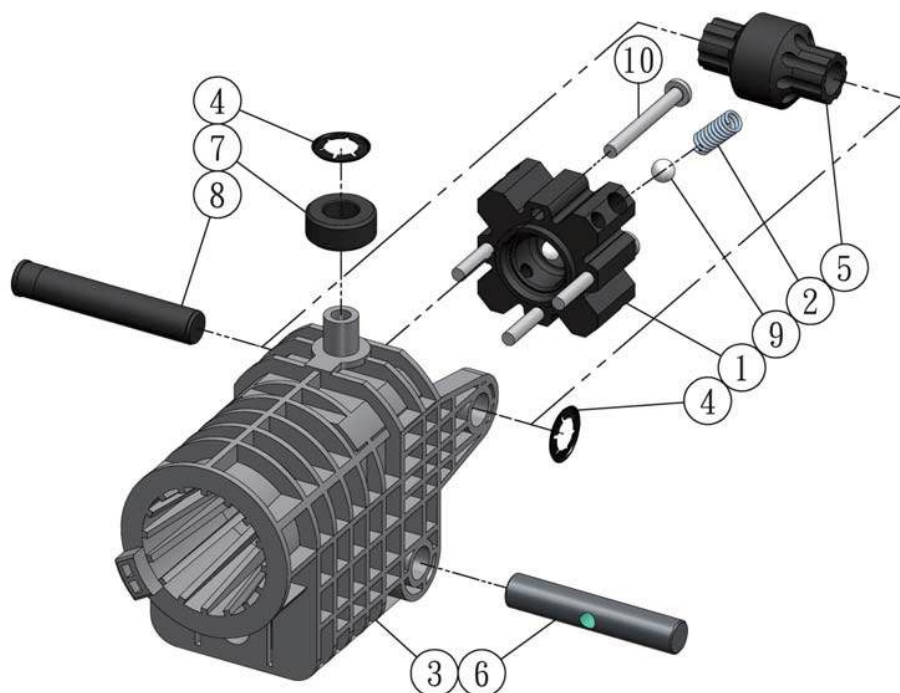
DK4016T/ 20T/24T/30T/32T

圓盤式刀庫

DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.1 刀套元件分解圖

Component assembly drawing for tool pot



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2.3.1 刀套元件物料表

Component list for tool pot

項次 Item	料號 Material No.	品名 Name	數量 Q' TY	備註 Remar
1	DA0100202	40# 刀具拉栓塊 Tool draw lump	1	
2	DA0100301	刀套彈簧 Spring	4	BT
	DA0400302	刀套彈簧 Spring	4	CAT
3	DA0103202	401刀套(60°) Tool hold	1	60°
	DA0103401	401刀套(90°) Tool hold	1	90°
4	DA0103302	401重型帽扣 Heavy-nut	2	
5	DA0300103	滑輪 Tool pot pulley	1	
6	DA0300301	刀套固定軸 Tool pot regular axle	1	
7	DA0300404	支撐輪 Tool pot support wheel	1	
8	DA0301302	滑輪軸B Tool pot axle of the pulley	1	
9	CE08	Ø8 鋼珠 Steel ball Ø8	4	BT
	CE06	Ø6 鋼珠 Steel ball Ø6	4	CAT
10	MS05100045	M5*45L大扁十字頭自攻螺栓 Crossshed self drilling bolt	4	

2.3 刀庫結構概觀 Overview of tool magazine structure



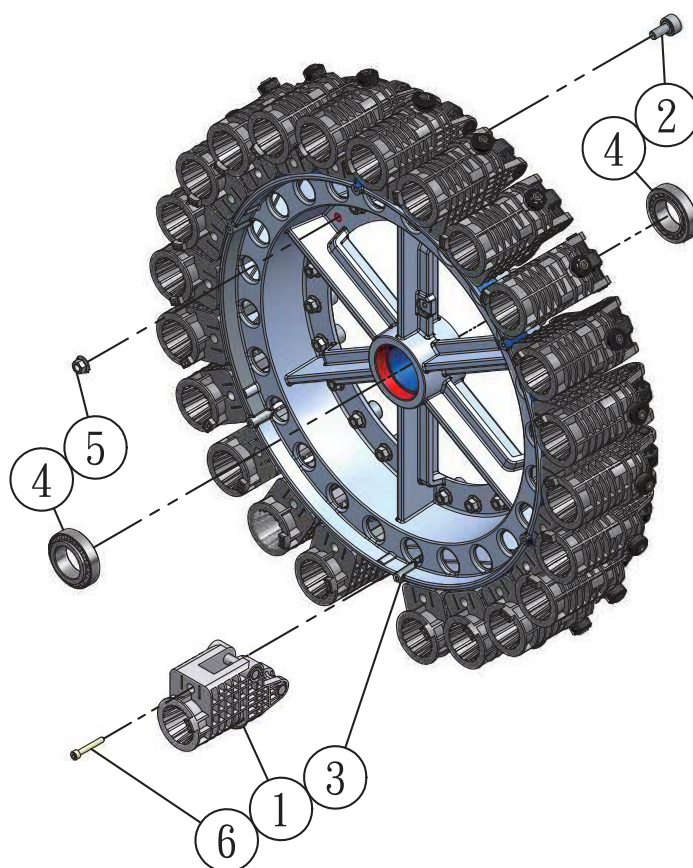
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DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.2 刀盤元件分解圖

Assembly drawing for tool disk component



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2.3.2 刀盤元件物料表

Parts list for tool disk component

項次 Item	料號 Material No.	品名 Name	數量 Q' TY	備註 Remark
1	D4B-C0	BT刀套組-重型螺帽 Tool pot component	依刀數	
2	DE0112903	CF10帶柄軸承 Shanked bearing	依刀數	
3	D4D100205	16T鋁刀盤 Aluminum tool disk	1	
	DE0105506	20T鋁刀盤 Aluminum tool disk	1	
	DE0116603	24T鋁刀盤 Aluminum tool disk	1	
	D4D200207	30T鋁刀盤 Aluminum tool disk	1	
	D4D400101	32T鋁刀盤 Aluminum tool disk	1	
4	BA32008	NO. 32008軸承 Bearing	2	
5	MF10150	M10*1.5P法蘭螺帽 Flange nut	依刀數	
6	MI06100040	M6*1.0P*40L CAP	依刀數	

2.3 刀庫結構概觀 Overview of tool magazine structure



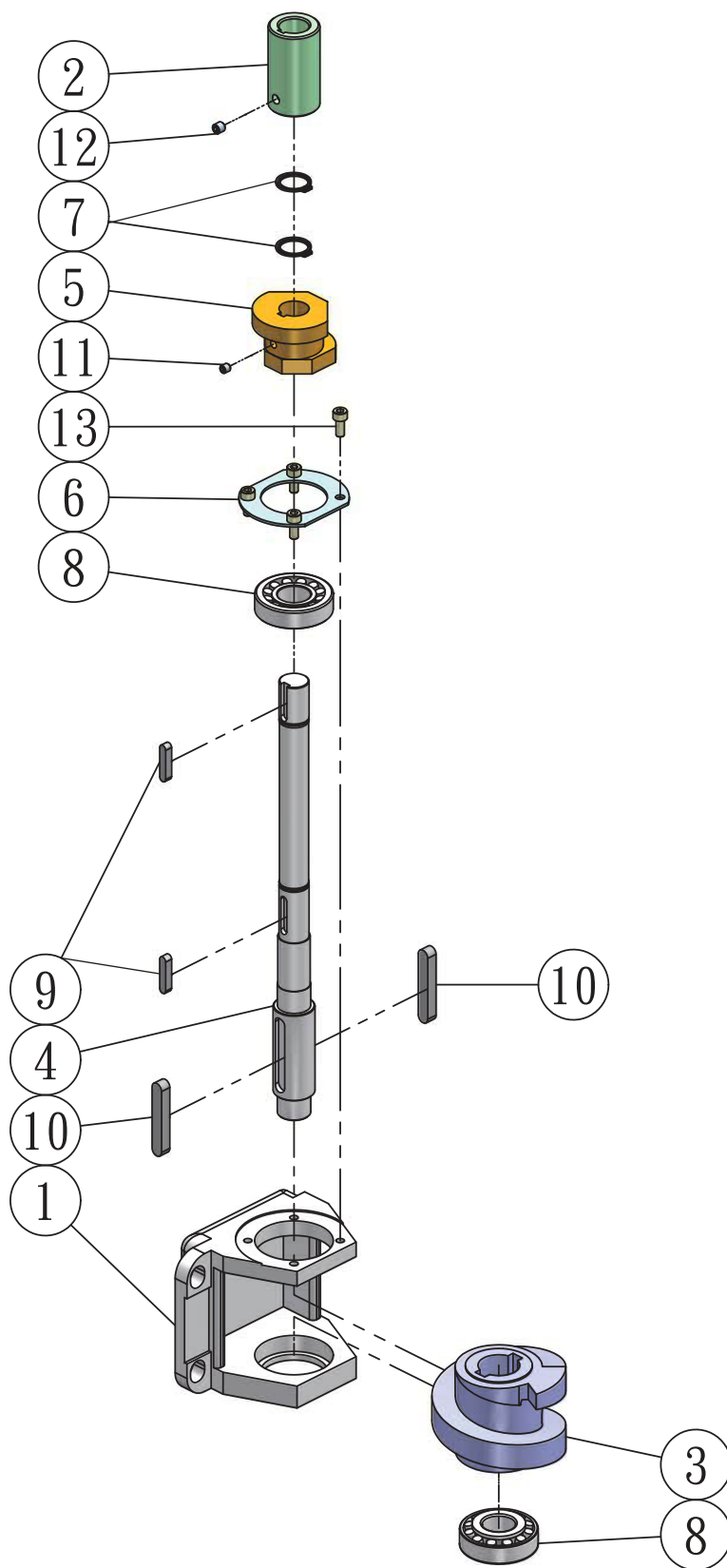
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圓盤式刀庫

DK4016T/20T/24T/30T/32T Drum type tool magazine

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2.3.3 傳動元件分解圖(16T) Assembly drawing for driving component



2.3 刀庫結構概觀 Overview of tool magazine structure



DK4016T/ 20T/24T/30T/32T

圓盤式刀庫

DK4016T/20T/24T/30T/32T Drum type tool magazine

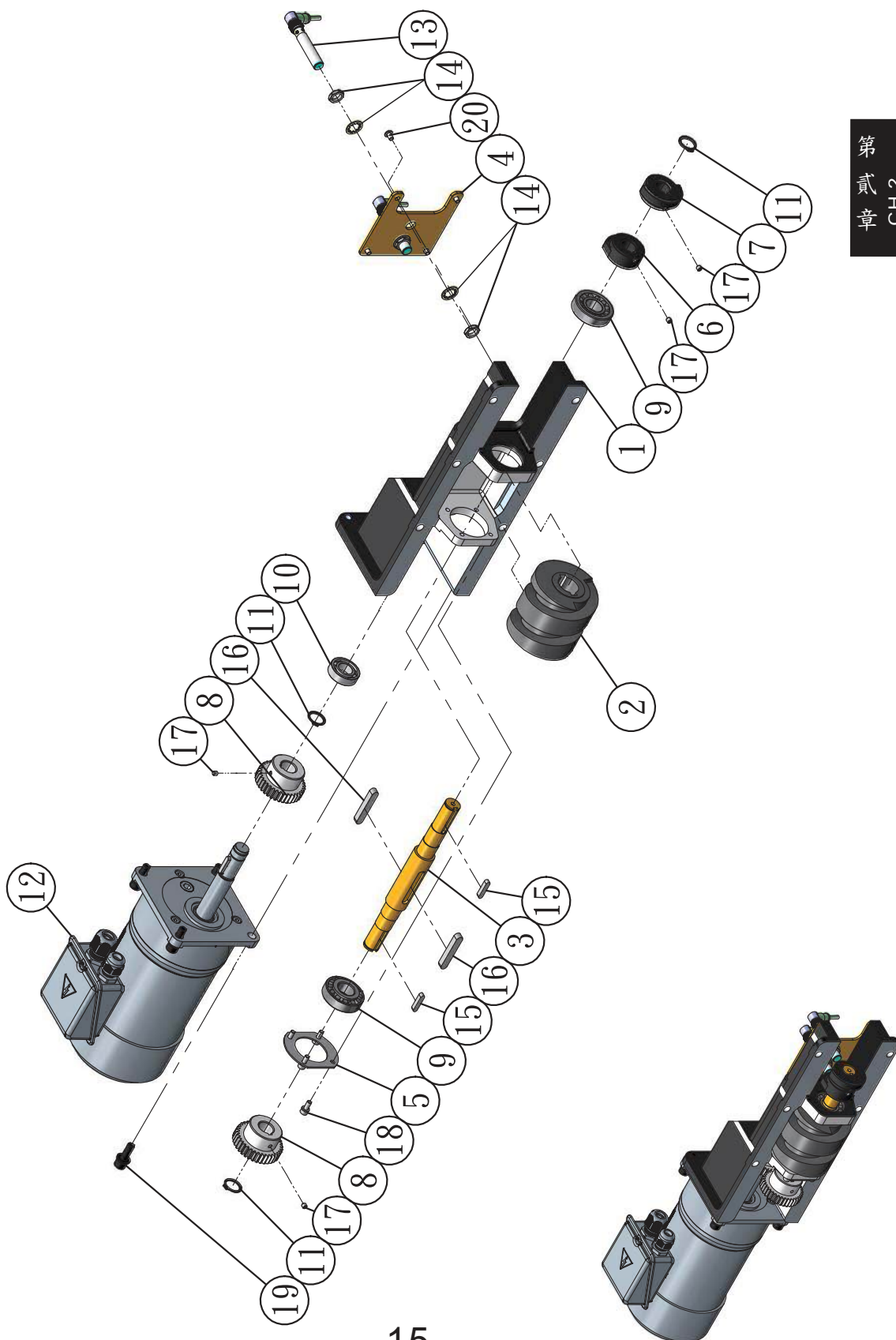
2.3.3 傳動元件分解圖

Assembly drawing for driving component

項次 Item	料號 Material No.	品名 Name	數量 Q' TY	備註 Remark
1	D3C100105	30#、40#凸輪座 Cam seat	1	
2	D3C100402	軸套 Bear cover	1	
3	D4C100106	16T分割凸輪 Cam	1	
4	D4C100301	16T凸輪軸 Cam shaft	1	
5	DC0100503	感應塊 Sensor block	1	
6	DC0101403	軸承蓋 Bearing cover	1	
7	C0018	Ø18外扣C型扣環 C shape buckled ring	2	
8	NO. 30204	30204軸承 Bearing	2	
9	KE050525	5*5*25雙圓鍵 Double rounded key	2	
10	KE080750	8*7*50雙圓鍵 Double rounded key	2	
11	MA05080005	M5*0.8P*5L 止付螺絲 Socket bolt	1	
12	MA06100006	M6*1.0P*6L 止付螺絲 Socket bolt	1	
13	MI05080012	M5*0.8P*12L CAP	4	

2.3 刀庫結構概觀

2.3.3 傳動元件分解圖(20T/24T/30T/32T) Assembly drawing for driving component



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2.3 刀庫結構概觀 Overview of tool magazine structure



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2.3.3 傳動元件物料表(20T/24T/30T/32T) Parts list for driving component

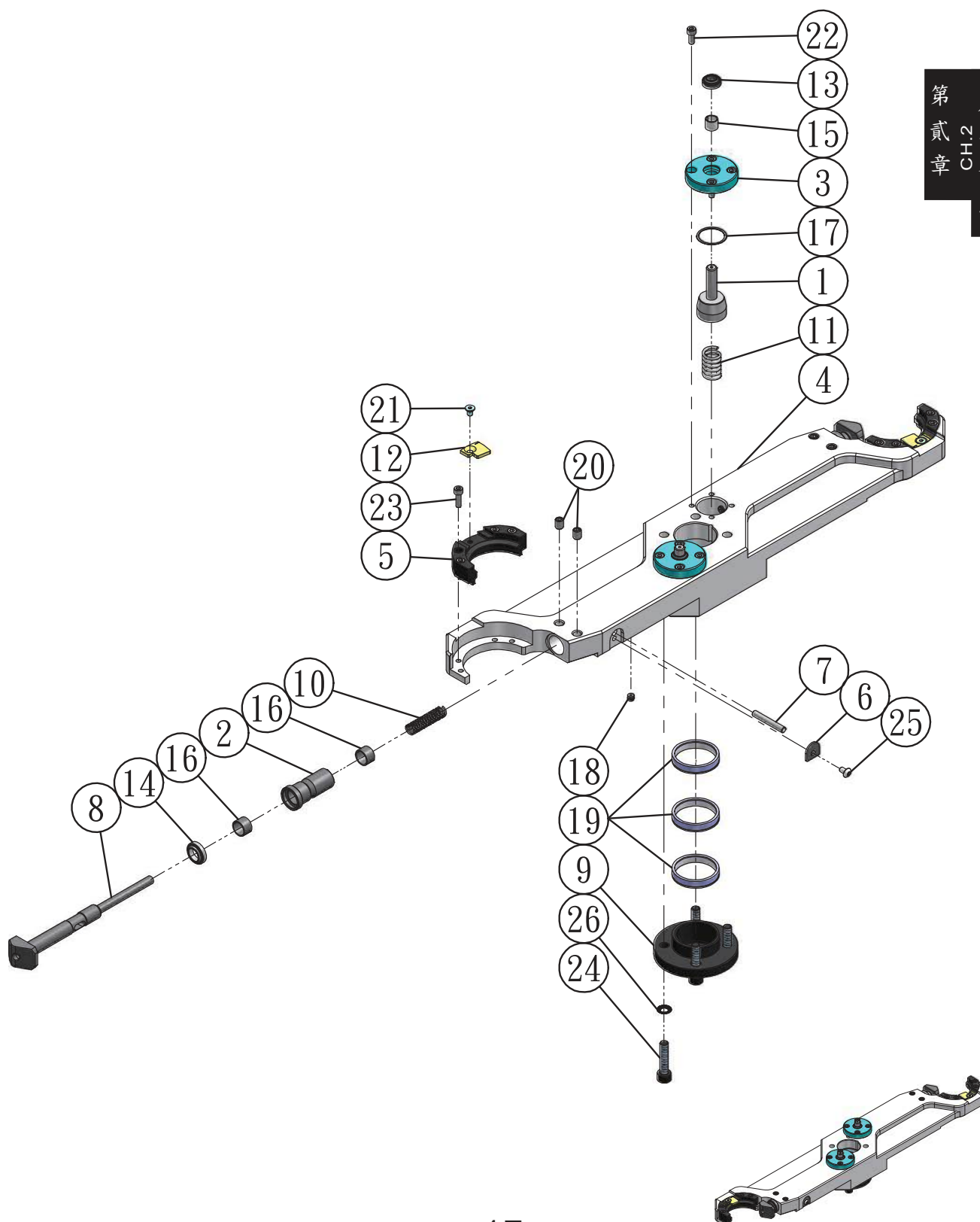
項次 Item	料號 Material No.	品名 Name	數量 Q' TY	備註 Remark
1	DC0100114	傳動座 Driving seat	1	
2	DC0100305	24T分割凸輪 Cam	1	24T
	DC0101503	20T分割凸輪 Cam	1	20T
3	DC0100402	凸輪軸 Cam shaft	1	
4	DC0100603	SENSOR固定片 Sensor fixed slice	1	
5	DC0101403	軸承蓋 Bearing cover	1	
6	DC0104501	感應塊A Sensor block-A	1	
7	DC0104601	感應塊B Sensor block-B	1	
8	DC0104701	傳動齒輪B Driving gear-B	2	
9	BA30204	NO. 30204軸承 Bearing	2	
10	BA6003	NO. 6003ZZ軸承 Bearing	1	
11	C0018	Ø18外扣C型外扣 C shape buckled ring	3	
12	D1820R02LAC01	1/4HP-0.2KW長軸刀盤馬達 Moter	1	
13	IMB12-04BPSVCOS	M12 SENSOR	2	
14	IME12-N+W	M12 SENSOR Nut+Washer	4	
15	KE050525	5*5*25L雙圓鍵 Double rounded key	2	
16	KE080750	8*7*50L雙圓鍵 Double rounded key	2	
17	MA05080005	M5*0.8P*5L止付螺絲 Socket blot	4	
18	MIS05080012	M5*0.8P*12L CAP+彈墊 CAP+Spring washer	4	
19	MISW08125030	M8*1.25P*30L CAP+彈墊+平墊 CAP+Spring washer+Washer	4	
20	MC05080008	M5*0.8P*8L半圓頭螺絲 Semi-rounded bolt	4	

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2.3 刀庫結構概觀

2.3.4 刀臂元件分解圖

Assembly drawing for arm component



2.3 刀庫結構概觀 Overview of tool magazine structure



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圓盤式刀庫

DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.4 刀臂元件物料表 Parts list for arm component

項次 Item	料號 Material No.	品名 Name	數量 Q' TY	備註 Remark
1	D4B400205	40密閉制動銷 Driven pin	2	
2	D4B400301	40密閉刀臂滑動管 Slip pipe	2	
3	D4B400503	40密閉制動蓋 Driven cover	2	
4	D4B300506	500分離式密閉刀臂 Detachable arm	1	500
	D4B400906	530分離式密閉刀臂 Detachable arm	1	530
5	D4B401007	BT40置刀座 Placement tool seat	2	BT
	D4B401109	CAT/DIN置刀座 Placement tool seat	2	CAT/DIN
6	D4B401202	密閉制動銷蓋 Driven pin cover	2	
7	D4B401304	密閉6定位銷(電鍍) Position pin	2	
8	D4B300902	40500密閉滑塊(一體式) Sliding block	2	500
	D4B403003	40530密閉滑塊(一體式) Sliding block	2	530
9	DB0100605	40漲圈蓋 Spanded tighted cover	1	
10	DB0102301	密閉式滑塊彈簧 Sliding spring	2	
11	DB0103302	密閉制動銷彈簧 Driven pin spring	2	
12	DB0103601	60°(BT-分離式)定位鍵 Position key	2	60°-BT
	DB0103704	65°(BT-分離式)定位鍵 Position key	2	65°-BT
	DB0103802	75°(BT-分離式)定位鍵 Position key	2	75°-BT
	DB0104303	65°(CAT/DIN-分離式)定位鍵 Position key	2	65° CAT/DIN
	DB0103504	75°(CAT/DIN-分離式)定位鍵 Position key	2	75° CAT/DIN
13	A1-101807	Ø10*Ø18*7刮塵油封 Dustproof oil seal	2	
14	A1-142207	Ø14*Ø22*7刮塵油封 Dustproof oil seal	2	
15	DU101210	Ø10*Ø12*10L自潤軸承 Self-lubricated bearing	2	
16	DU141610	Ø14*Ø16*10L自潤軸承 Self-lubricated bearing	4	

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2.3 刀庫結構概觀 Overview of tool magazine structure



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圓盤式刀庫

DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.4 刀臂元件物料表 Parts list for arm component

項次 Item	料號 Material No.	品名 Name	數量 Q' TY	備註 Remark
17	EFPSM25	O型環-S25 O-Ring	2	
18	MH601	M6直接式黃油嘴 Straight graspe	2	
19	YB4045	40*45漲墊圈組 Spanded washer	3	
20	MA08125010	M8*1.25P*10L止付螺絲 Socket bolt	4	
21	MB05080010	M5*0.8P*10L皿頭螺絲 Countersink bolt	2	
22	MI05080012	M5*0.8P*12L CAP	8	
23	MI05080016	M5*0.8P*16L CAP	8	
24	MI08125035	M8*1.25P*35L CAP	4	
25	MC05080008	M5*0.8P*8L半圓頭螺絲 Semi-rounded bolt	2	
26	WI08	M8安全(碟型)華司 Conical spring washer	4	

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2.3 刀庫結構概觀 Overview of tool magazine structure

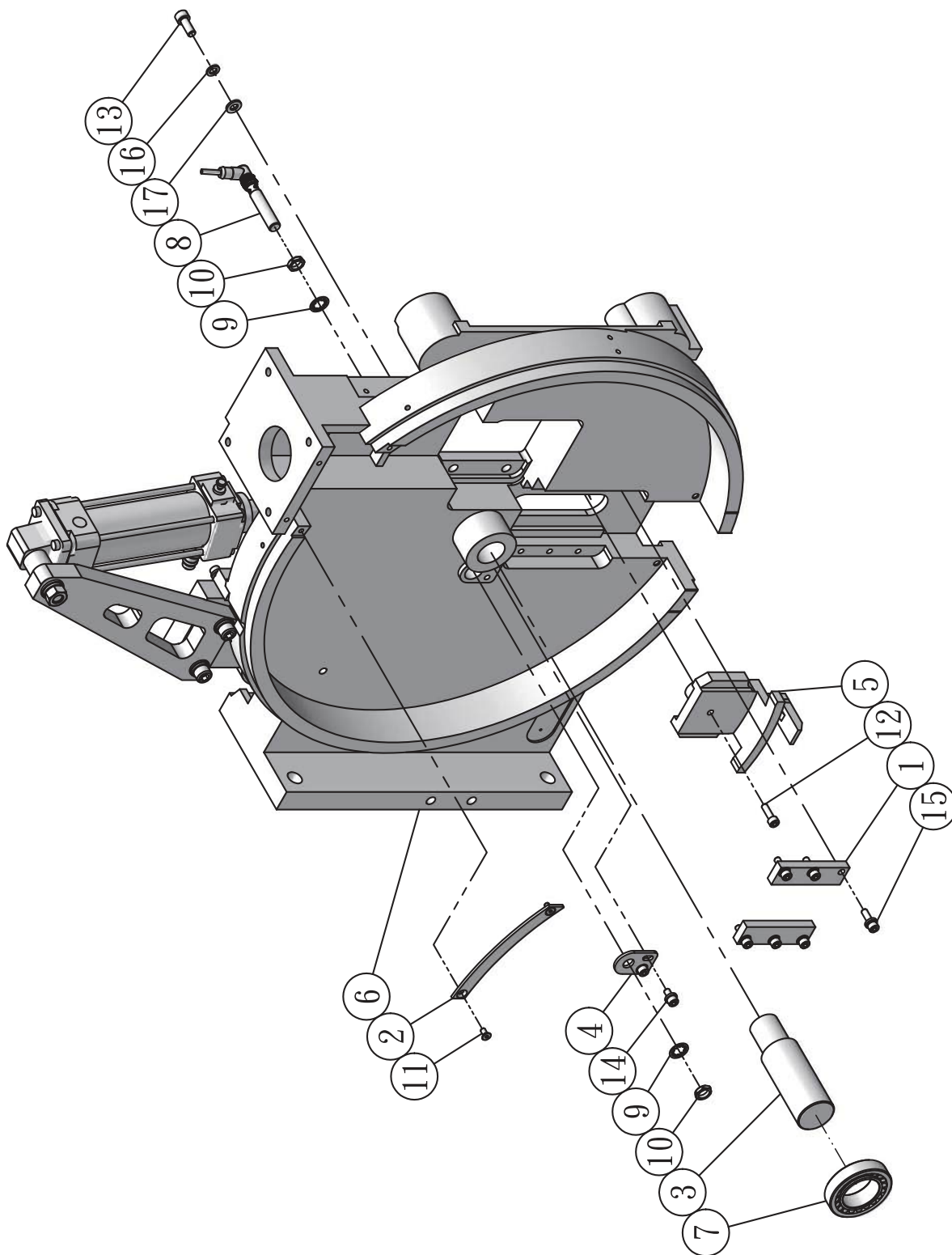


DK4016T/ 20T/24T/30T/32T

圓盤式刀庫

DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.5 機型元件分解圖(20T/24T/30T/32T) Assembly drawing for model component



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2.3 刀庫結構概觀 Overview of tool magazine structure



DK4016T/ 20T/24T/30T/32T

圓盤式刀庫

DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.5 機型元件分解圖(16T) Assembly drawing for model component

項次 Item	料號 Material No.	品名 Name	數量 Q' TY	備註 Remark
1	D3E100405	倒刀爪壓板 Tool down claw pressing plate	2	
2	D4D100601	導軌 Guiding rail	1	
3	DE0101503	轉盤心軸 Disk spindle	1	
4	DE0101802	原點SENSOR座 Origin sensor seat	1	
5	D4D100303	倒刀爪 Tool down claw	1	
6	D4D100114	16T本體 Main body	1	
7	NO. 32008	NO. 32008 軸承 Bearing	1	
8	IME12-04BPSZCOS-CN	M12 SENSOR	1	
9	M12 SENSOR WASHER	M12 SENSOR 墊圈 M12 sensor washer	2	
10	M12 SENSOR NUT	M12 SENSOR 螺帽 M12 sensor nut	2	
11	MB05080010	M5*0.8P*10L 皿頭螺絲 Countersink bolt	2	
12	MI06100016	M6*1.0P*16L CAP	1	
13	MI08125020	M8*1.25P*20L CAP	1	
14	MIW06100012	M6*1.0P*12L CAP+平墊 CAP+Washer	2	
15	MISW06100020	M6*1.0P*20L CAP+彈墊+平墊 CAP+Spring washer+Washer	6	
16	WS08	M8彈簧墊圈 Spring washer	1	
17	W08S	M8加厚墊圈 Thick washer	1	

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2.3 刀庫結構概觀 Overview of tool magazine structure

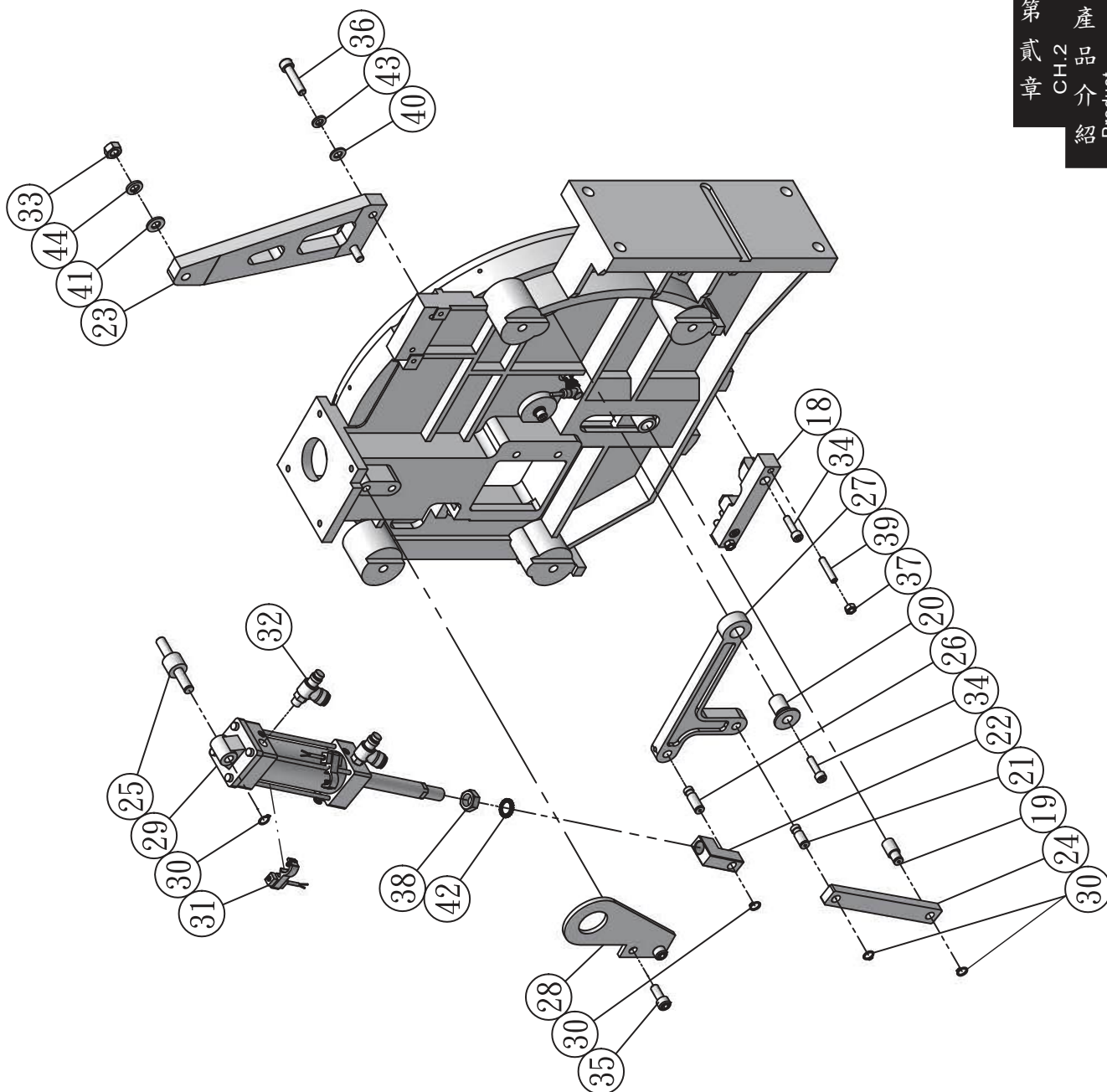


DK4016T/ 20T/24T/30T/32T

圓盤式刀庫

DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.5 機型元件分解圖(20T/24T/30T/32T) Assembly drawing for model component



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圓盤式刀庫

DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.5 機型元件分解圖(16T) Assembly drawing for model component

項次 Item	料號 Material No.	品名 Name	數量 Q' TY	備註 Remark
18	DE0100504	刀套定位座 Tool pocket position seat	1	
19	DE0100901	倒刀爪連接桿 Tool down claw connecting shaft	1	
20	DE0101003	推桿定位銷 Air cylinder pushing shaft position pin	1	
21	DE0101102	連接銷 Connecing pin	1	
22	DE0102402	氣壓缸轉接頭 Air cylinder joint	1	
23	D3E100603	氣缸座 Air cylinder seat	1	
24	D3E100702	搖臂連桿 Shaking arm connecting shaft	1	
25	D3E101404	氣缸固定銷 Air cylinder fixed pin	1	
26	D3E202003	連接銷A Connecing pin A	1	
27	D4D100404	氣缸推桿 Air cylinder pushing shaft	1	
28	D4D100702	16T吊環 Ring	1	
29	D4D101901	自鎖氣缸 Tool down Air cylinder	1	
30	C0012	Ø12 C型外扣 C shape buckled ring	4	
31	CSI-A	磁簧感應器 Magnetic switch	2	
32	JSC-0802	1-4調速閥(8mm風管) Speed adjust valve	2	
33	M12175010	M12*1.75P*10L 螺帽 NUT	1	
34	MI08125030	M8*1.25P*30L CAP	3	
35	MI10150025	M10*1.5P*25L CAP	2	
36	MI10150045	M10*1.5P*45L CAP	2	
37	MU08125065	M8*1.25P*65L U型螺帽 U-NUT	2	
38	M16150010	M16*1.5P*10L Nut(附件) NUT	1	
39	MA08125040	M8*1.25P*40L止付螺絲 Socket bolt	2	
40	W10	M10平墊圈 Washer	2	
41	W12	M12平墊圈 Washer	1	
42	W116	M16碟型墊圈 Conical Spring Washer	1	
43	WS10	M10彈簧墊圈 Spring washer	2	
44	WS12	M12彈簧墊圈 Spring washer	1	

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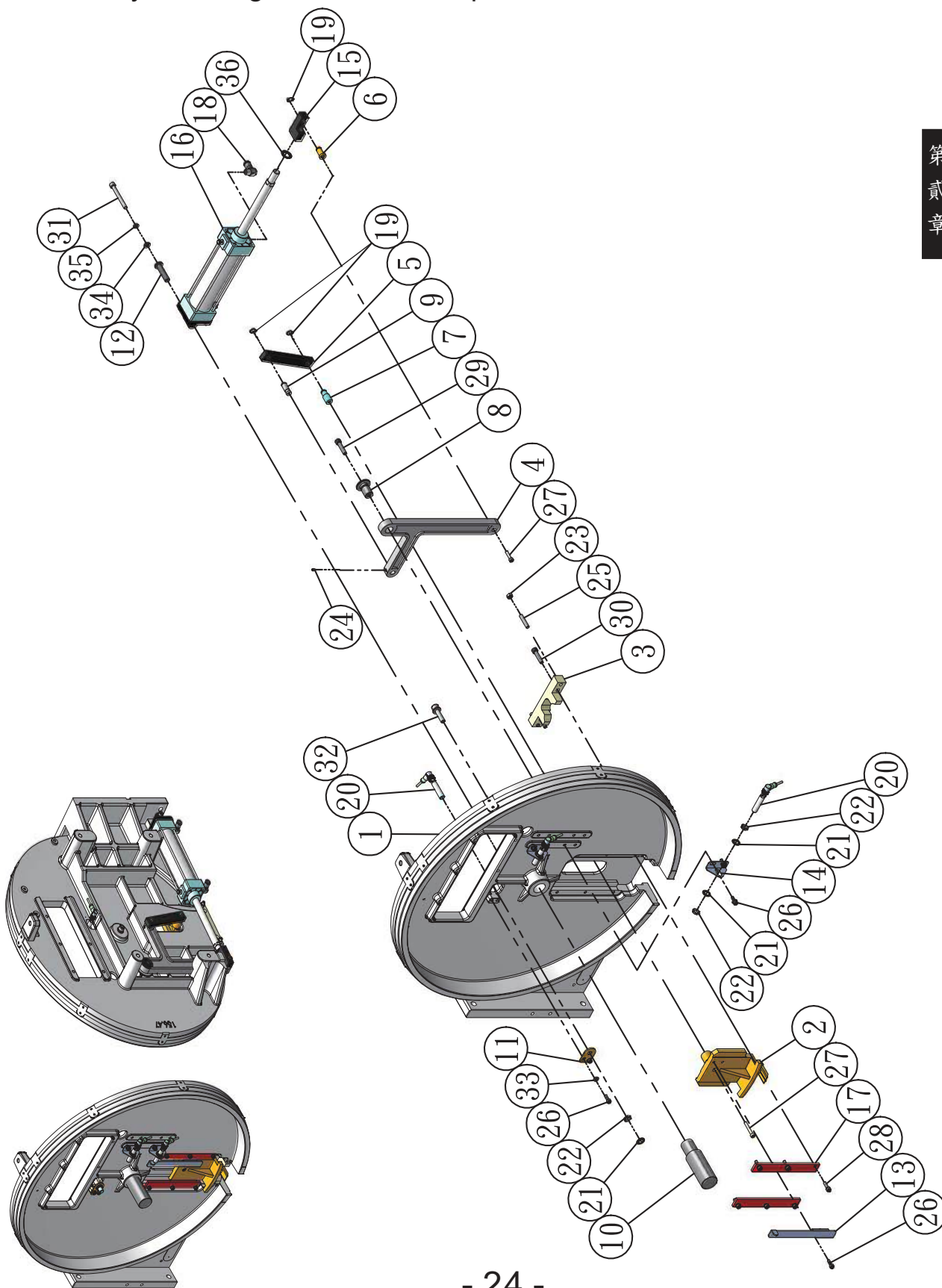
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圓盤式刀庫

DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.5 機型元件分解圖(20T/24T/30T/32T) Assembly drawing for model component

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2.3 刀庫結構概觀 Overview of tool magazine structure



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圓盤式刀庫

DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.5 機型元件物料表(20T/24T/30T/32T)

Parts list for model component

項次 Item	料號 Material No	品名 Name	數量 Q' TY	備註 Remark
1	DE0117601	40#24T-R本體156L Main body	1	53075
2	DE0100316	20/24T-R倒刀爪 Tool down claw	1	
3	DE0100504	刀套定位座 Tool pot position seat	1	
4	DE0100606	氣壓缸推桿 Air cylinder pushing shaft	1	
5	DE0100701	倒刀連桿 Tool down connecting shaft	1	
6	DE0100802	氣壓缸連接桿 Air cylinder connecting shaft	1	
7	DE0100901	倒刀爪連接桿 Tool down claw connecting shaft	1	
8	DE0101004	推桿定位銷 Pushing shaft position pin	1	
9	DE0101102	連接銷 Connecting pin	1	
10	DE0101503	轉盤心軸 Disk spindle	1	
11	DE0101802	原點SENSOR固定片 Origin sensor fixed slice	1	
12	DE0102504	氣壓缸定位銷 Air cylinder position pin	1	
13	DE0107003	倒刀感應片 Tool down sensor slice	1	
14	DE0107104	倒刀感應座 Tool down sensor seat	1	
15	DE0116901	氣壓缸接頭C Air cylinder joint-C	1	
16	DE0117001	氣壓缸 Air cylinder	1	
17	DE0117201	倒刀爪壓板B Tool down claw pressing plate-B	2	
18	NP137-008-R01	彎接頭(1/4PT)10mm Elbow connection	2	
19	C0012	Ø12C型外扣 C shape buckled ring	3	
20	IMB12-04BPSVCOS	M12 SENSOR	1	
21	M12 SENSOR Washer	M12 SENSOR Washer 墊圈	2	
22	M12 SENSOR NUT	M12 SENSOR Nut 螺帽	2	

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DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.5 機型元件物料表(20T/24T/30T/32T)

Parts list for model component

項次 Item	料號 Material No	品名 Name	數量 Q' TY	備註 Remark
23	MUW08125	M8*1.25PU型螺帽 U type unt	2	
24	MA06100006	M6*1.0P*6L止付螺絲 Socket bolt	1	
25	MP08125040	M8*1.250P*40L平頭止付螺絲 Socket bolt	2	
27	MI06100016	M6*1.0P*16L CAP	8	
28	MI06100035	M6*1.0P*35L CAP	1	
29	MIS06100020	M6*1.0P*20L CAP+彈墊 CAP+Spring washer	6	
30	MI08100035-NL	M8*1.0P*35L CAP	1	
31	MI08100035	M8*1.0P*35L CAP	2	
32	MI08125070	M8*1.25P*70L CAP	1	
33	MISW10150040	M10*1.5P*40L CAP+彈墊+平墊 CAP+Spring washer+Washer	1	
34	WS06125015	M6*12.5*1.5墊圈 Washer	2	
35	WS08148040	M8彈簧墊圈 Spring washer	1	
36	W0818020	M8*18*2t平墊 Washer	1	
37	WI16	M16安全(碟型)華司 Conical spring washer	1	

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2.3 刀庫結構概觀 Overview of tool magazine structure



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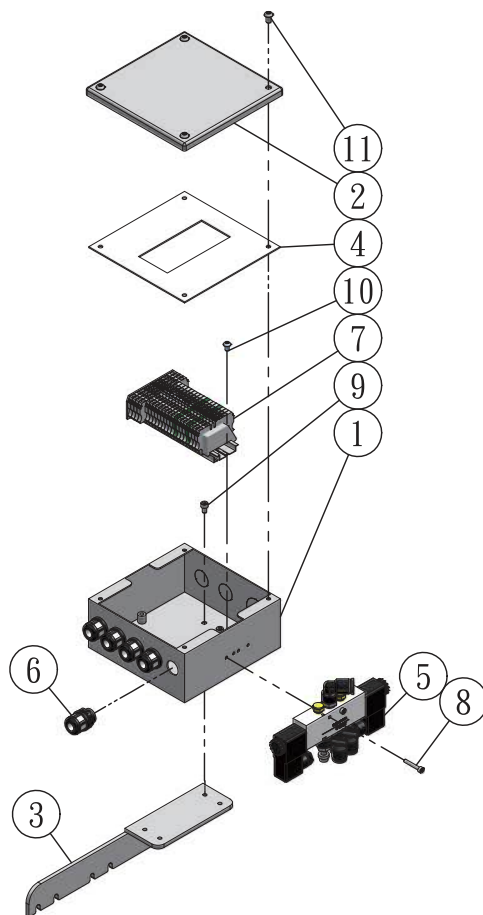
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2.3.6 線盒&電磁閥安裝分解圖

Assembly drawing for cable box component



2.3.6 線盒&電磁閥安裝物料表

Parts list for cable box component

項次 Item	料號 Material No.	品名 Name	數量 Q' TY	備註 Remark
1	DE0102609	線盒 Wire box	1	
2	DE0102704	線盒蓋 Wire box cover	1	
3	DE0106004	線盒座B Wire box seat-B	1	
4	DE0109101	線盒墊片 Wire box shim	1	
5	K3E200403	雙頭電磁閥組 Double coil solenoid valve	1	選配
6	PG11	PGB11型電纜固定頭 Wire fixed joint	5	
7	TBF-DK00201	端子台 Terminal block	1	
8	MI04070025	M4*0.7P*25L CAP	2	
9	MI0508008	M5*0.8P*8L CAP	4	
10	MC0508008	M5*0.8P*8L半圓頭螺絲 Semi-rounded bolt	2	
11	MC06100010-Z	M6*1.0P*10L半圓頭螺絲 Semi-rounded bolt	4	

2.3 刀庫結構概觀 Overview of tool magazine structure

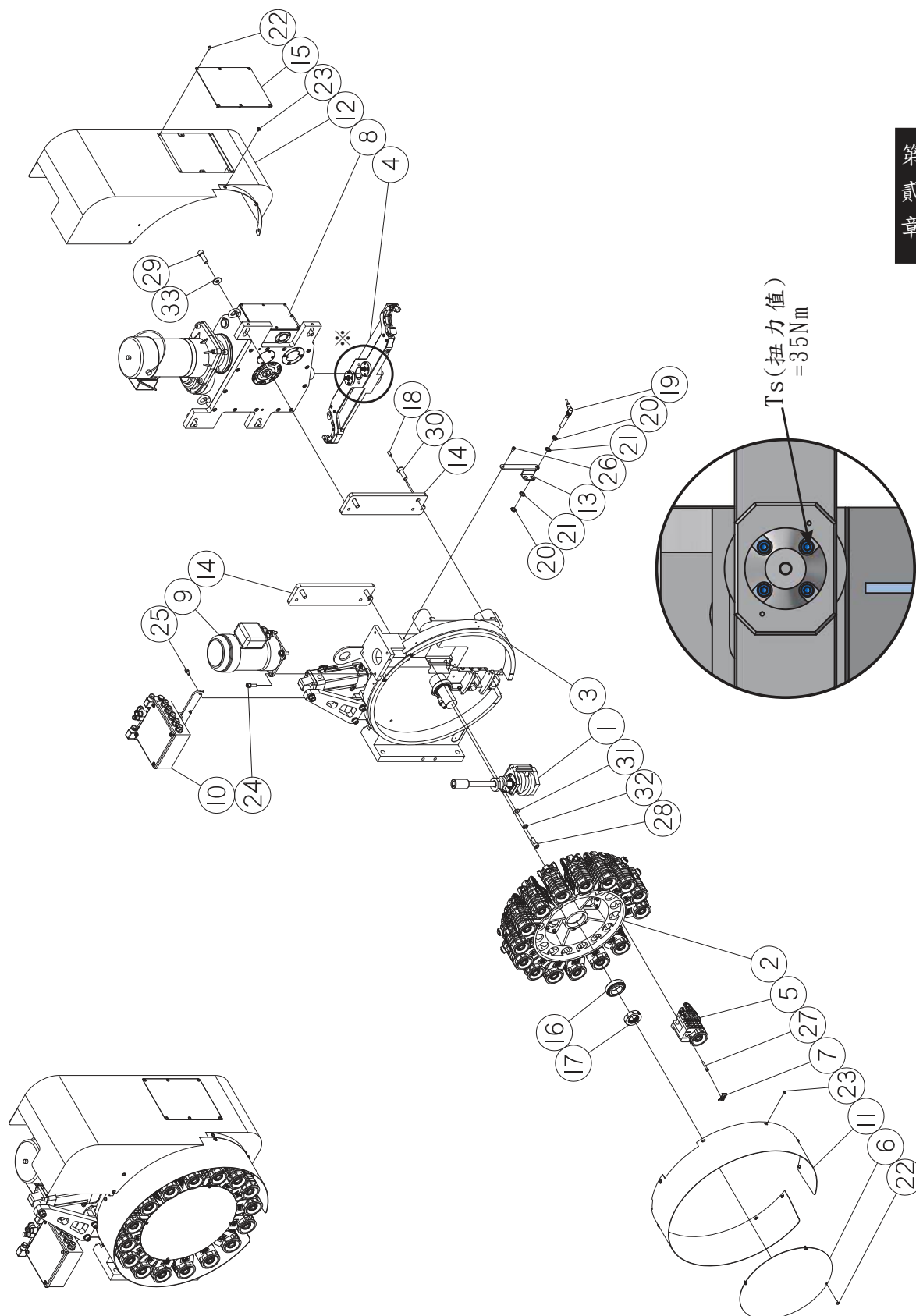


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DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.7 刀庫分解圖 Assembly drawing for tool magazine



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※詳圖
Detail

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DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.7 刀庫物料表 Parts list for tool magazine

項次 Item	料號 Material No.	品名 Name	數量 Q' TY	備註 Remark
1	D416-C0	16T傳動座組 Driving component	1	
2	D4A16-A2	A63-16T刀盤組(60度反向) Rotating disk component	1	
3	D4E16-101	16T機型元件 Model component	1	
4	D4A-5390DW	A63-530*90分離式密閉刀臂組(反向) Arm component	1	
5	D4A-A2	A63-60度反向刀套組 Tool pocket component	16	
6	D4E100101	16T刀盤蓋 Rotation cover	1	
7	01-20	01-20號碼牌 Number plaque	16	
8	460083A380+GM	凸輪(訊號盒反向) Cam	1	右凸 右扣
9	D1820R02SAC01-1	1/4 HP-0.2KW短軸馬達20R(AC) Motor	1	
10	DTB4-01-16T- 24V2208-ST	40#16T線盒組(含線盒座) Cable box set	1	
11	D4E100205	40#16T刀庫外罩 Arc cover	1	
12	D4E103201	16T-53060反向凸輪外罩 Arc cam cover	1	
13	D4D100802	SENSOR座 Sensor seat	1	
14	D4D103501	53060RH凸輪墊片 Cam shim	2	
15	D4E100402	16T壓克力版 Acrylic cover	1	
16	NO. 32008	NO. 32008軸承 Bearing	1	
17	YSRM-4015	M40*1.5P精密鎖螺帽 Locked nut	1	
18	L7B102201	Ø8*18L直銷 Pin	2	
19	IMB12-04BPSVC0K	M12 Sensor	1	
20	M12 SENSOR NUT	M12 Sensor 螺帽 M12 Sensor nut	2	
21	M12 SENSOR WASHER	M12 Sensor 墊圈 M12 Sensor washer	2	
22	MC05080008	M5*0.8P*8L 半圓頭螺絲 Semi-rounded bolt	10	

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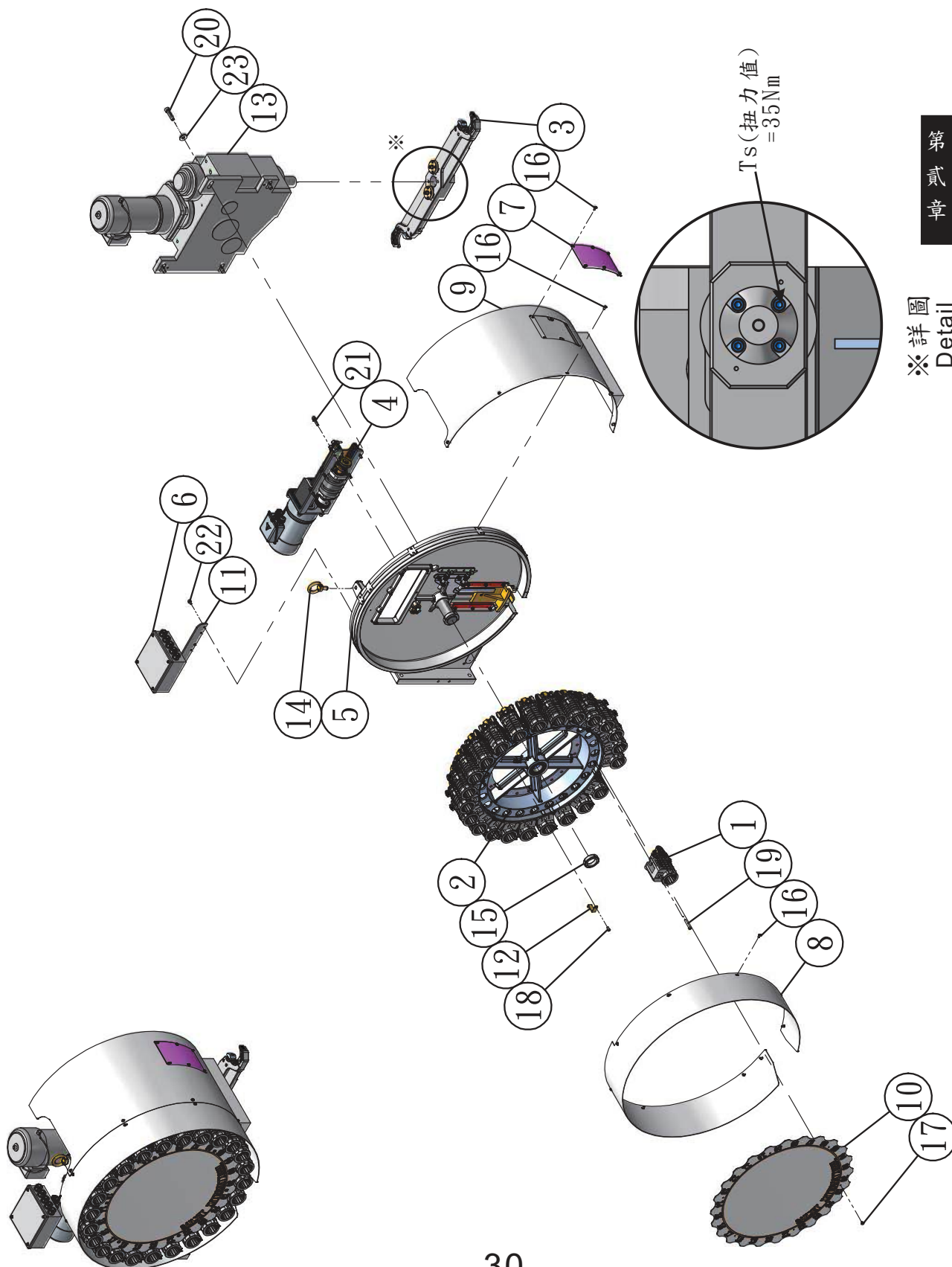


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圓盤式刀庫

DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.7 刀庫分解圖 Assembly drawing for tool magazine



2.3 刀庫結構概觀 Overview of tool magazine structure



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圓盤式刀庫

DK4016T/20T/24T/30T/32T Drum type tool magazine

2.3.7 刀庫物料表 Parts list for tool magazine

項次 Item	料號 Material No.	品名 Name	數量 Q' TY	備註 Remark
1	D4B-B0	BT-60°刀套組 Tool pocket component	20/24	BT-60°
2	D401B24-CL0	24T-BT(60°)刀盤組 Rotating disk component	1	24T-60°
3	D4B-5375CW	530密閉式刀臂組 Arm component	1	530
4	D420-C0	20T傳動座組 Driving component	1	20T
	D424-C0	24T傳動座組 Driving component	1	24T
5	D4E24-601	53075° 20/24T機型元件 Model component	1	53075
6	DTB4-01- 24V2208-ST	DK40# 線盒組 Cable box set	1	
7	DD0100503	壓克力版 Acrylic cover	1	
8	DD0100702	R型外罩 Arc cover	1	
9	DD0101906	53070/75圓弧凸輪外罩 Arc cam cover	1	53070 53075
10	DD0100101	轉盤蓋 Rotation cover	1	20/24
	DD0121001	24PVC號碼蓋 Rotation cover	1	24
11	DE0106004	線盒座B Wire box pedestal	1	
12	DE0101701	原點感應座 Origin sensor seat	1	
13	475083D38SD	凸輪 Cam	1	
14	FR12175	M12吊環 Ring	1	
15	SJM401501402	M40*1.5P*14T螺帽 Nut	1	
16	MC06100010-Z	M6*1.0P*10L半圓頭螺絲 Semi-rounded bolt	27	
17	MCW05080008-Z	M5*8L半圓頭螺絲+平墊 Semi-rounded bolt+Washer	6	
18	MI06100010	M6*1.0P*10L CAP	1	
19	MI06100040	M6*1.0P*40L CAP	20/24	
20	MI12175045	M12*1.75P*45L CAP	4	
21	MISW08125030	M8*1.25P*30L CAP+彈墊+平墊 CAP+Spring washer +Washer	5	
22	MIW06100012	M6*1.0P*12L CAP+平墊 CAP+Washer	2	
23	W12S	M12加厚墊圈 Thick washer	4	
備註	01-20	01-20號碼牌 Number plaque	1組	配合 轉盤蓋/刀盤
	01-24	01-24號碼牌 Number plaque	1組	配合 轉盤蓋/刀盤

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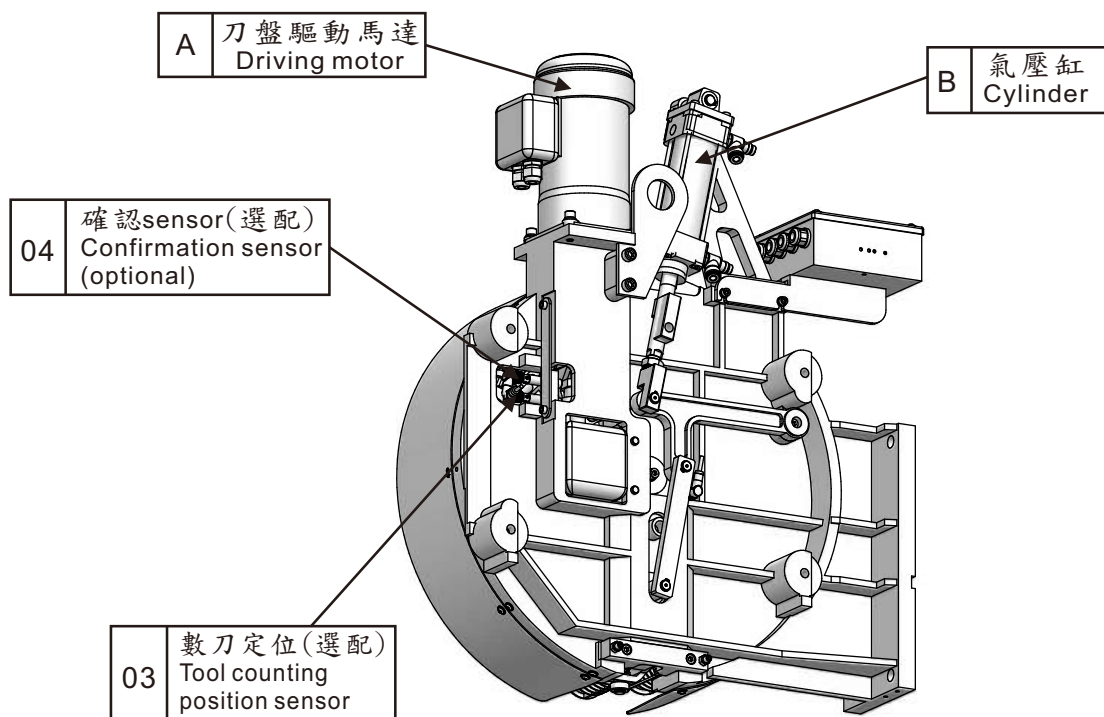
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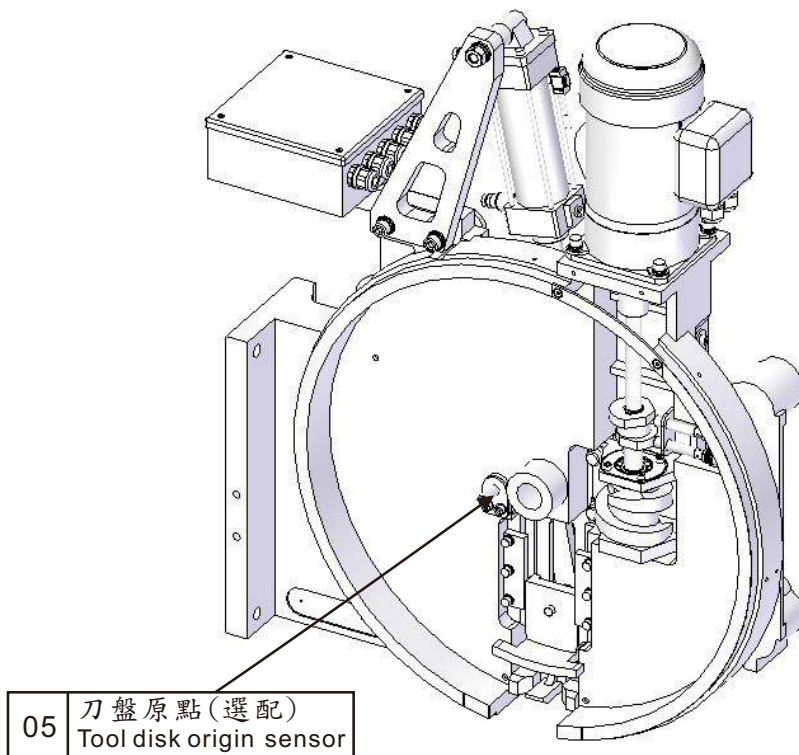
3.1 控制元件 Control component

3.1.1 元件配置圖(16T)

Configuration diagram for component



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3.1 控制元件 Control component



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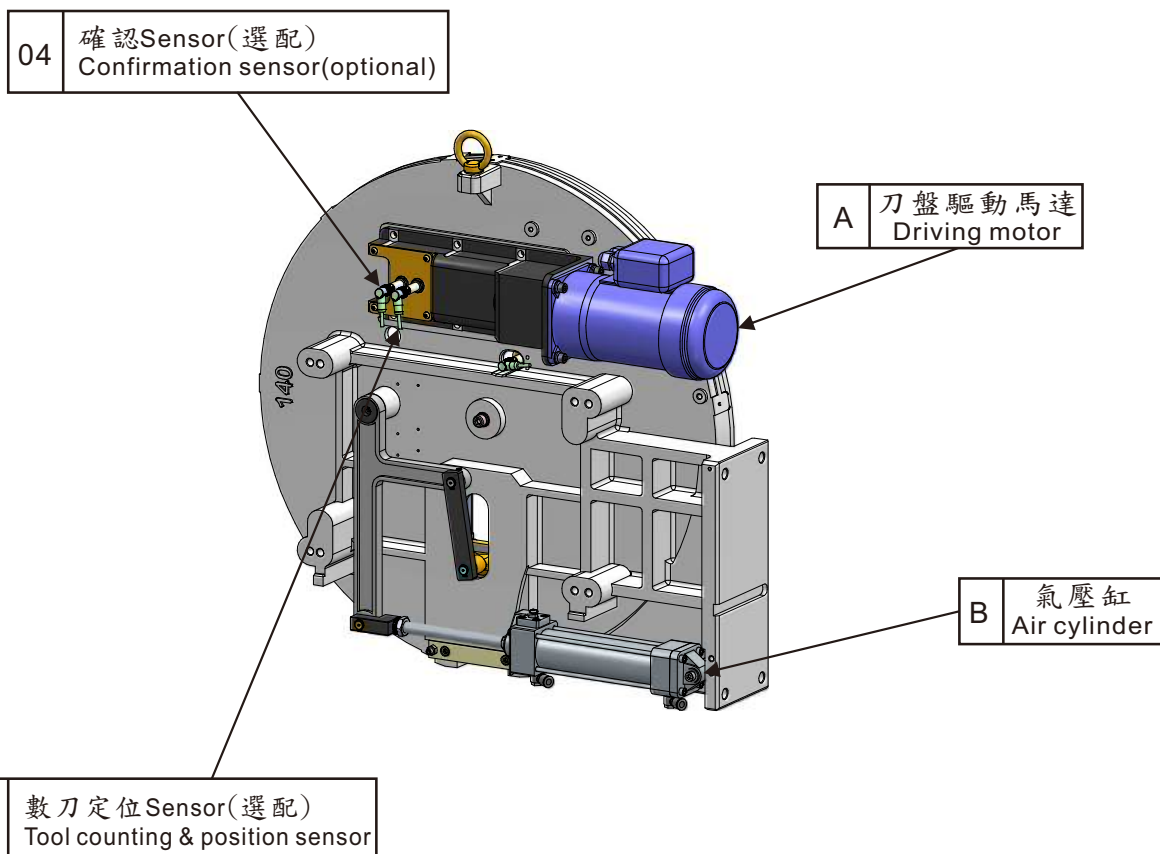
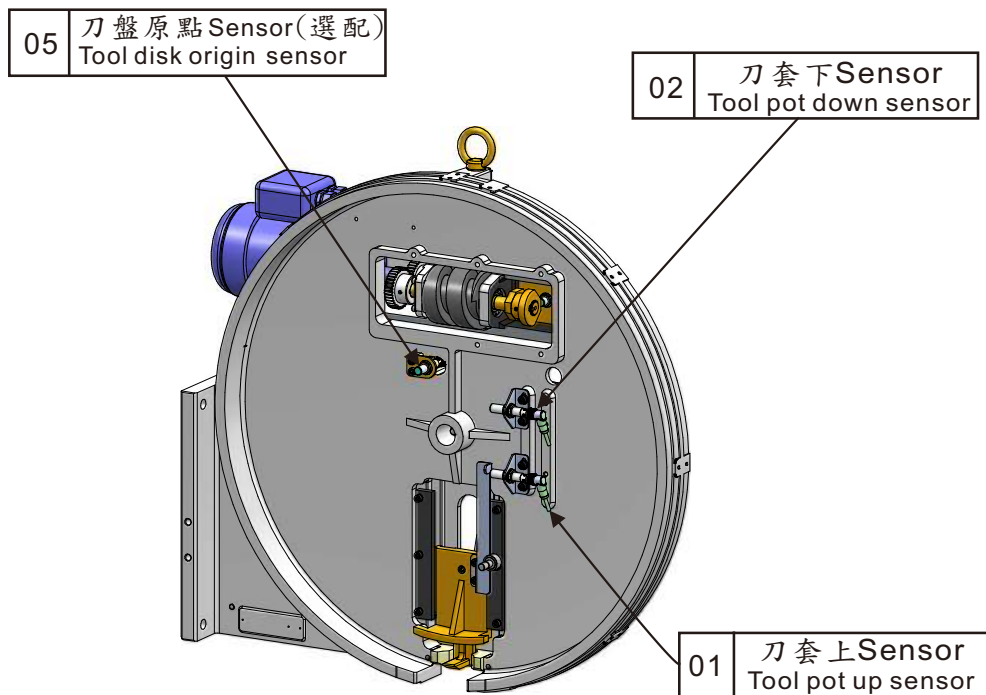
圓盤式刀庫

DK4016T/20T/24T/30T/32T Drum type tool magazine

3.1.1 元件配置圖

Configuration diagram for component

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Circuit Control



3.1 控制元件 Control component



DK4016T/ 20T/24T/30T/32T

圓盤式刀庫

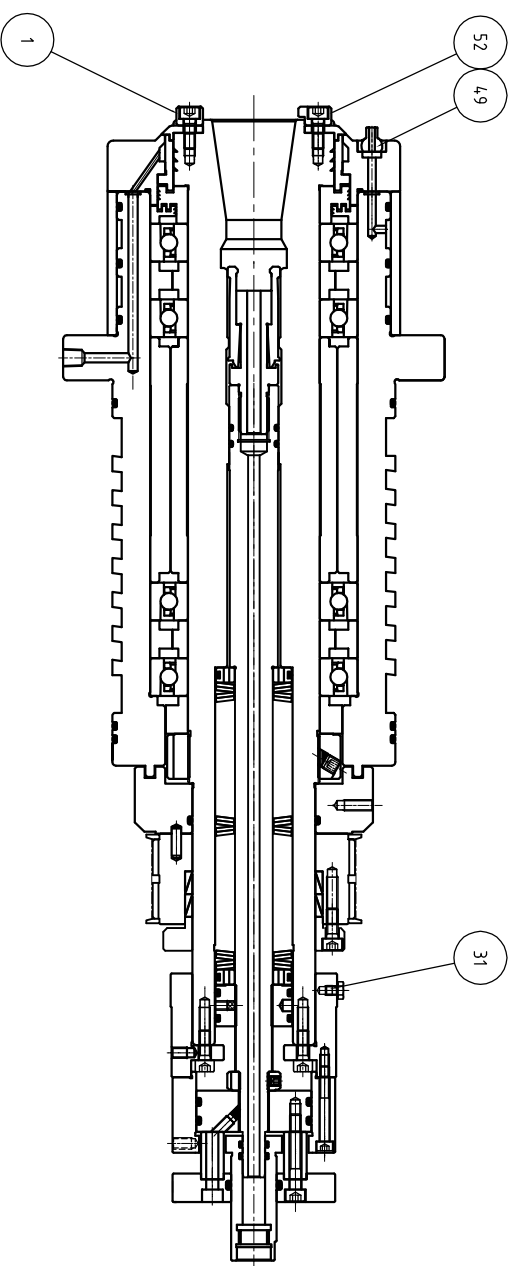
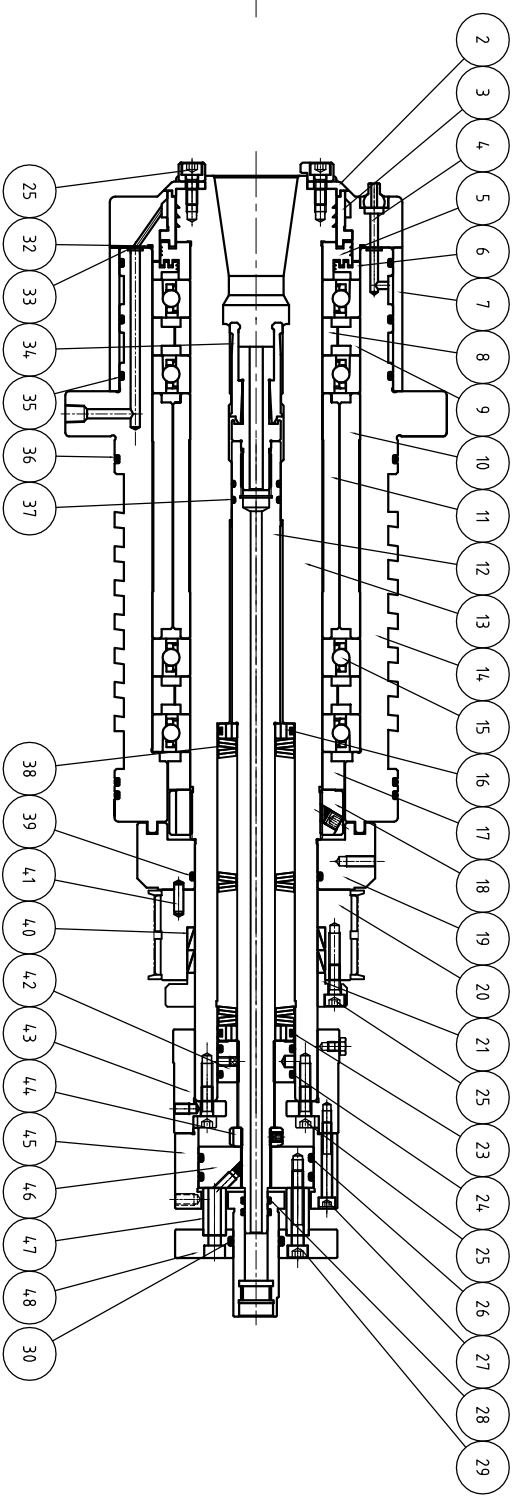
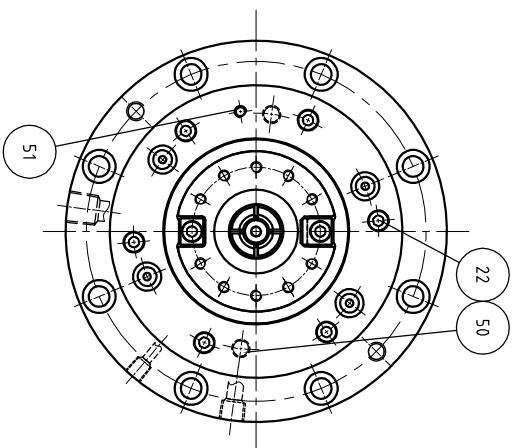
DK4016T/20T/24T/30T/32T Drum type tool magazine

3.1.2 元件功能說明

Specifications for component function

編號 NO.	控制元件 Control Component	功能 Function	規格數據 Specification	數量 Q'TY
01	刀套上Sensor Tool pot up sensor	刀套往上 Tool pot up	M12-PNP-NO-4mm	1
02	刀套下Sensor Tool pot down	刀套往下 Tool pot down	M12-PNP-NO-4mm	1
03	數刀&定位Sensor(選配) Tool counting& position sensor	數刀定位訊號 Tool counting& position signal	M12-PNP-NO-4mm	1
04	確認Sensor(選配) Confirmation sensor	確認訊號 Confirmation signal	M12-PNP-NO-4mm	1
05	刀盤原點Sensor(選配) Origin sensor	刀盤原點訊號 Origin signal	M12-PNP-NO-4mm	1
A	驅動馬達 Driven moter	控制刀盤正/反轉 Control tool disk CW and CCW running	AC 220V AC 380V	1
B	氣壓缸 Air cylinder	刀套上/下 Tool pocket up/down	Ø50x150L	1

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CH.3
電路控制
Circuit Control



RB4002206

ROYAL 羅翌科技股份有限公司

零件表

品號: RB4002206

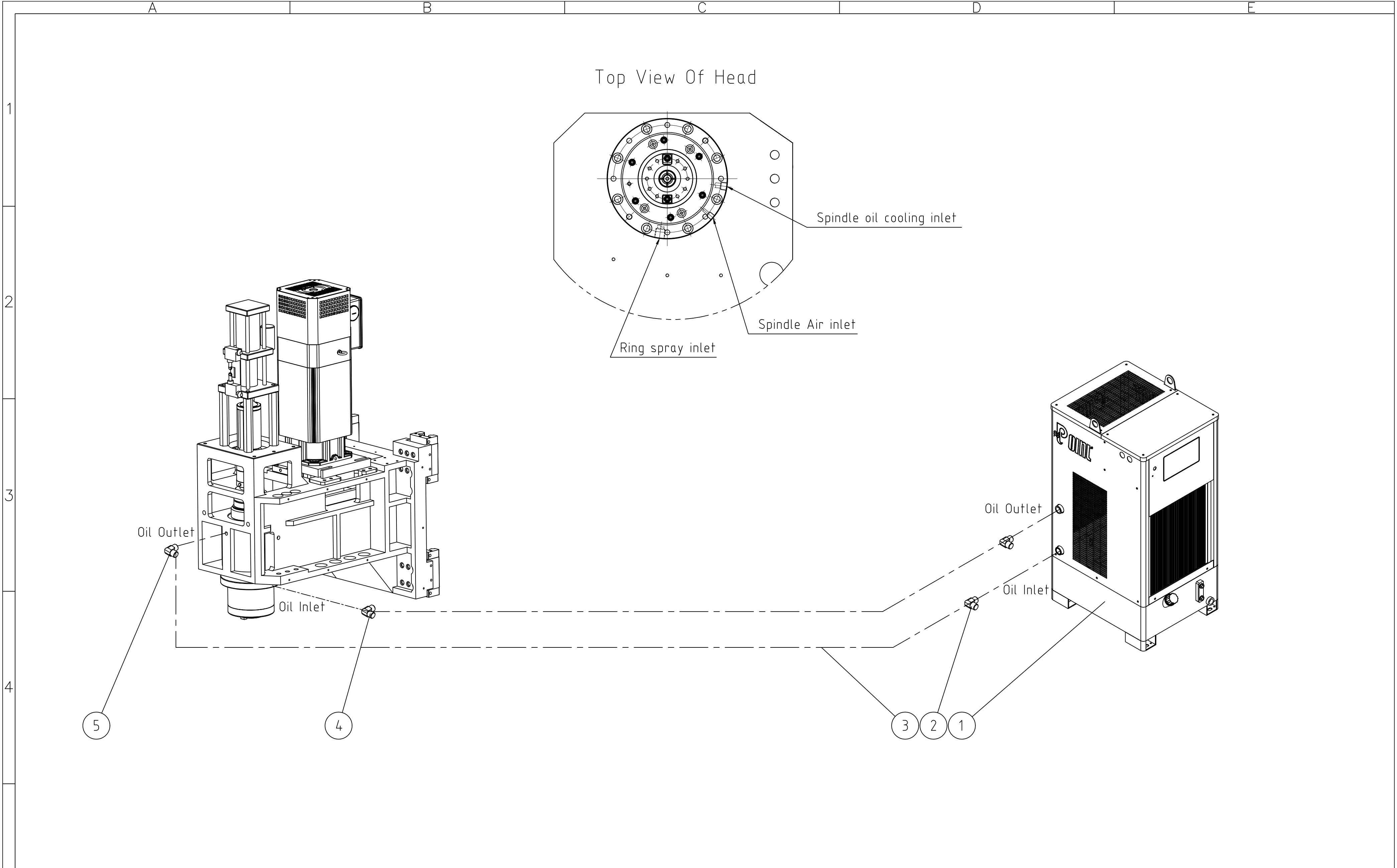
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品名: 150-10000 BT40 中噴 CAT40 皮帶主軸

序號	元件品號	元件品名	材質	數量	規格
1	R0021	主軸端鍵	SCM415	1	R0021B
2	R2725	防水蓋	S45C	1	R2725A
3	R2724	氣環	S45C	1	R2724A
4	R10844	主軸前蓋	S45C	1	R10844A
5	R17723	前隔環	S45C	1	R17723A
6	R17725	前迷宮環	S45C	1	R17725A
7	R1271	水套環	S45C	1	R1271A
8	R0008	前後內隔環	S45C	2	R0008B
9	R0010	前後外隔環	S45C	2	R0010A
10	R5198	中間外隔環	S45C	1	R5198A
11	R5199	中間內隔環	S45C	1	R5199A
12	R1122	中噴拉桿	SCM415	1	R1122D
13	R2728	心軸	SCM415	1	R2728A
14	R10821	主軸本體	S45C	1	R10821A
15	NTN7014-SS	軸承(小鋼珠)		4	2LA-HSE014CT2G/G3P4
16	R0013	拉桿內墊片	SCM415	2	R0013C
17	R1114	後隔環	S45C	1	R1114A
18	YSFM70-P2	牙腹鎖定螺帽(精車級)		1	YSF M70*P2
19	R4000	後迷宮環	S45C	1	R4000A
20	R9148	主軸皮帶輪	S45C	1	R9148A
21	R1333	主軸皮帶輪迫緊環	S45C	1	R1333A
22	HM6-P1.0-30	圓頭六角承孔螺絲		6	M6xP1.0x30
23	P32	O 形環		2	ID31.7,W3.5
24	BP32	O 形環		2	ID31.7,W3.5

25	HM6-P1.0-16	圓頭六角承孔螺絲		18	M6xP1.0x16
26	G55	O 形環		2	ID54.4,W3.1
27	HM5-P0.8-40	圓頭六角承孔螺絲		6	M5xP0.8x40
28	P12	O 形環		2	ID11.8,W2.4
29	HM6-P1.0-40	圓頭六角承孔螺絲		4	M6xP1.0x40
30	G24	O 形環		1	ID23.4,W3.1

序號	元件品號	元件品名	材質	數量	規格
31	EM5-P0.8-6	外六角頭螺絲		1	M5xP0.8x6
32	AS568-046	O 形環		1	ID107.67,W1.78
33	P5	O 形環		5	ID4.8,W1.9
34	CAT40-P027	高速四瓣爪		1	CAT40(90009)
35	G135	O 形環		3	ID134.4,W3.1
36	G140	O 形環		3	ID139.4,W3.1
37	BP22	O 形環		2	ID21.8,W2.4
38	A40-20.4-2.5	碟形彈片		56	40*20.4*2.5
39	G65	O 形環		1	ID64.4,W3.1
40	TLK65-73	錐形環鍵		2	65*73
41	PIN5-16	彈簧銷		4	φ 5x16
42	R1314	鎖緊螺帽	SCM440	1	R1314B
43	R8585	中噴感應輪	S45C	1	R8585A
44	YSRM16-P1.5	徑向鎖定螺帽(精車級)		1	YSR M16*P1.5
45	R1033	轉接座	S45C	1	R1033E
46	R1034	聯結螺帽	S45C	1	R1034C
47	R1035	打刀支架	S45C	4	R1035B
48	R1032	打刀座	S45C	1	R1032D
49	SNA3-6	切削水噴嘴(長)		4	SNA3-6(90102)
50	PT1/8	PT 牙管塞螺絲		3	PT1/8x7
51	SM6-P1.0-10	無頭固定螺絲		1	M6xP1.0x10
52	R0071	主軸端鍵	SCM415	1	R0071C

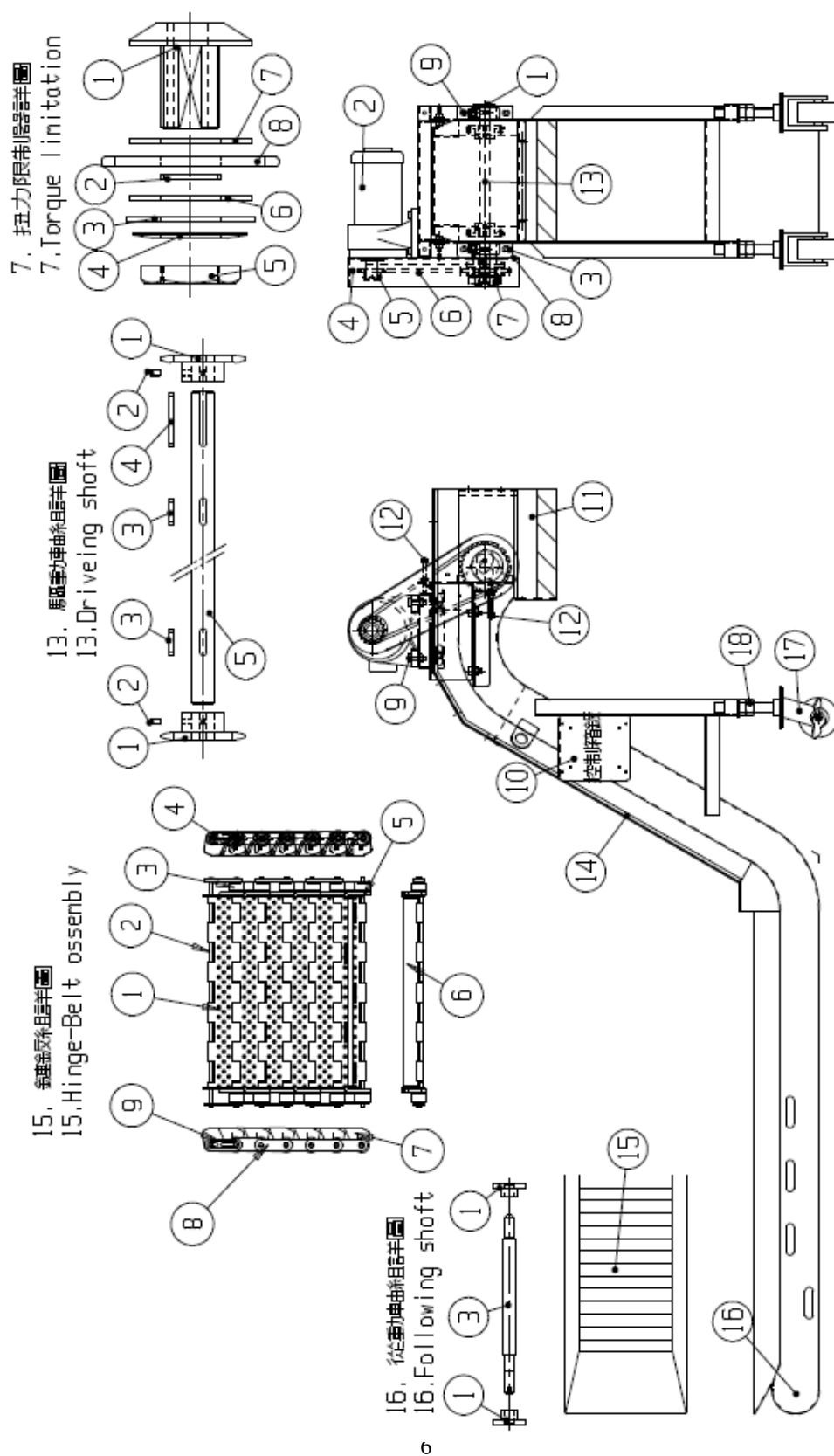


5	5	W070201020806	Hose connector	3/8PTx1/4PHx90°	1
	4	W070201020710	Hose connector	1/4PTx1/4PHx90°	1
	3	W070202010116	Oil pipe	1/4PH-1B-6500L	2
	2	W070201020906	Hose connector	1/2PTx1/4PHx90°	2
	1	W070203040030	Oil cooler	RCO-10PTS3	1
	NO.	Part No	Item	Description	Qty

△				切削加工普通尺寸差				圖名	Spindle oil cooling group			備註
△				公稱尺寸	精級	中級	普級	圖號	BME1055D3031	比例	1:1	核准
△				0~6	±0.025	±0.05	±0.15	機型	ME-1055B	數量		審查
△				6~30	±0.05	±0.1	±0.3	材質		角法	☉	設計
△				30~80	±0.075	±0.15	±0.45	熱處理		工程		製圖 林明楷
△				80~180	±0.1	±0.25	±0.6					日期 20230909
△				180~315	±0.125	±0.3	±0.75					版次 01
△				315~1000	±0.2	±0.5	±1.2	Maple 美奇林科技股份有限公司 Maple Technology CO.,LTD				
△				1000~2000	±0.35	±0.9	±2	編號	變更內容	日 期	變更者	

4.2 零件一覽表: Parts list

a. 零件圖.





b.零件清單.(以 W250 為基準)

Mark	English description	Chinese description	Specification	Supplier's n/r	Quantity of use	
編號	英文品名	中文品名	規格/說明	產品料號	使用數量	備註
1	Bearing cover	外軸承護蓋	-	CV010001	1	
2	Reducing motor	減速馬達	¼HP 1/165 220V	2250124210	1	依設計圖規格
3	Cover for internal shaft	內軸承護蓋	-	CV010002	1	
4	Reducing motor	傳動護蓋	-	CV010003	1	
5	Motor side chain wheel	馬達側鏈輪	P12.7×15T	2211105700	1	
6	Following chain	傳動鏈條	RS40×73	2292191073	1	
7	Torque limitation	扭力限制器	-	-	1	
7-1	Limitation body	限制器主體	ø25-8×3.5 KA-50	221111127A	1	
7-2	Copper bush	銅襯墊	t=7 ø50×ø60		1	
7-3	Washer	墊圈	t=4 ø50.5×ø95		1	
7-4	Shallow spring	皿型彈簧	t=5		1	
7-5	Fixing nut	固定螺帽	M50×1.0		1	
7-6	Brake pad (not rock wool)	來令片(非石棉)	t=4 ø50×95	2131600001	2	
7-7	Driving side chain wheel	驅動側鏈輪	P12.7*30T t=7.2	2211105710	1	
8	Driving cover base	傳動護蓋座	-	CV010004	1	
9	Hexagon screw	外六角螺絲	M10×30L	2120606001	2	
10	Sheet metal for electric panel	控制箱鋁金	253×240	CV010005		
11	Cover for chip exit	屑口護蓋	-	2211105440	1	
12	Round head inter-hexagon bolts	圓頭內六角螺栓	M10×50L	2120706014	2	
13	Drive axle module	驅動軸組	W250	-	1	
13-1	Chain wheel(for driving shaft)	鏈輪(驅動軸)	C2052 T8 D25	2211105720	2	
13-2	Stopper screw	止付螺絲	M6×10L	2120804005	2	
13-3	Dual-circular head of parallel key	雙圓頭平行鍵	W8×H7×30L	2126150001	2	
13-4	Dual-circular head of parallel key	雙圓頭平行鍵	W8×H7×60L	2126150002	1	
13-5	Drive axle	驅動主軸	ø25×450L	2211110130	1	依設計圖規格
13-6	Combined bearing	聯座軸承	UCP205	2081815001	2	
14	Cover plate	蓋板	t=2mm	CV010006	1	
15	Linking plate	鏈板組	W250; C2052	-		依設計圖規格
15-1	Linking plate	鏈板	P31.75×W250		-	依設計圖規格
15-2	Linking shaft	串軸	W250(三片式)	2211105121	-	依設計圖規格
15-3	Chain (inter join)	鏈條(內節目)	C2052	2292172001	-	依設計圖規格
15-4	Apron plate(R)	右裙板	三片式	2211106092		
15-5	Chain whal	鏈軸(三片式)	W250 (D5×292)	2211105111	-	依設計圖規格
15-6	Block plate	站板	W250		-	依設計圖規格
15-7	Apron plate(L)	左裙板	三片式	2211106082		
15-8	Chain (out join)	鏈條(外節目)	C2052	2292172002	-	依設計圖規格
15-9	Spring buckle	彈簧扣	C2050	2124447001	-	
16	Following shaft set	從動軸組	W250	-	-	依設計圖規格
16-1	Following chain wheel + aluminum bush	從動輪+鋁襯套	D44.5×22L	2211105040	2	依設計圖規格
16-2	Following shaft	從動軸	W250 (D20×299.5L)	2211109160	1	依設計圖規格
17	PU wheel (Brake)	PU附制車輪	4"×2"	2081203010	2	
18	Nut	螺帽	M24×P3	2121108011	2	