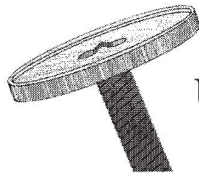


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USER MANUAL & PARTS LIST

BUTTON WRAPPING & KNOTTING

LZ-10



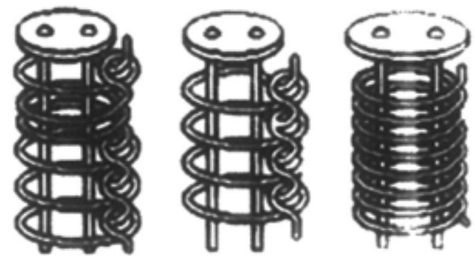
Luiz

纽扣的绕圈 & 打结

完美的自动剪线系统//使用普通缝纫机//整齐坚固的打结

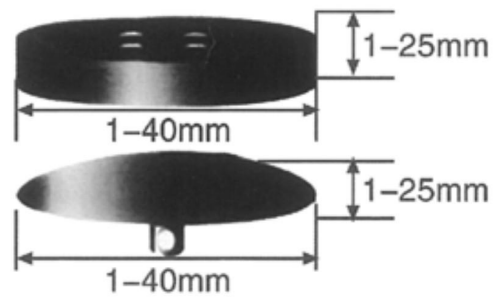


LZ-10



- 1、纽扣类型平扣或企扣
- 2、绕扣程序次数 (1-150) 018
- 3、打结程序次数 (1-10) 03
- 4、纽扣及布料高度 (1-10) 03
- 5、剪线功能使用
- 6、每日工作件数000000
- 7、语言、穿线方法、警告

提供中文，英文两种文字显示



纽扣的尺寸规格显示

Luiz



Easy to operate!

Tight knotting!

Best quality ever!

Do our best for you...

We, LOIVA COMPANY.

我们的**Luiz**已经正确识别了本领域中发生的众多问题，为保证有效生产，我们通过和有着丰富经验的业内工程师团队的协力合作，自主创新，而不是盲目模仿，将新潮流带入缝纫机行业。

我们对隐蔽部件的精益求精，对生产流程与产品质量的严格把握，对产品倾注了最高的关注，匠心独具，我们满怀信心地向您推荐我们制造的产品。

Luiz正在不断发展进步，将用最优的产品和服务不断回馈客户。

感谢您购买我们的 LZ-10型 扣子打包打结机，请在使用前仔细阅读本手册。

Our **Luiz** has correctly found out numerous problems happening in the field. For an effective production, we have blown a new trend into the sewing-machine industry by the exclusive development without imitation in cooperation with engineers having longtime experience at the sewing field and the domestic machine development team.

With our full attention to an invisible part, correct process lining and quality control, the button wrapping & Knotting machine, we confidently recommend our products manufactured with the best efforts in ceaseless thrust and thoroughgoing craftsmanship.

We, **Luiz** will be a developing company constantly and repay the consumer's attention with fluent supply of products and perfect service after sales.

we thank you for purchasing our button wrapping & knotting machine LZ-10 please read following the manual before using the machine for best quality.

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1.介绍 (INTRODUCTION)

1) 规格 (Specifications)

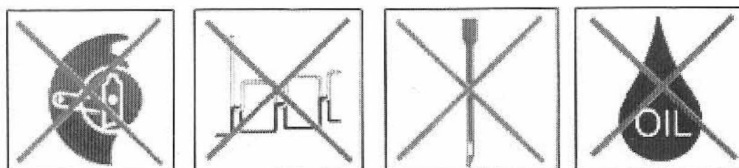
- 尺寸 (Dimension) : 430X360x360mm
- 重量 (Weight) : 20kg
- 空气消耗 (Air consumption) : 0.32 1/min
- 气压 (Air pressure) : 4~5 kg/cm²
- 电力限制 (Power) : Free voltage 100V~240V
- 电流频率 (Cycle) : Free cycle 50/60Hz

2) 重要事项 (Important notes)

为避免出现问题或造成破坏, 请严格遵守以下指示

(To avoid trouble or damage it is absolutely necessary to observe the following instructions).

- 第一次使用前请彻底清理机上积灰
(Before you put the machine into operation for the first time clean it thoroughly,remove all dust which has accumulated on it.)
- 在确认使用电压与马达功率铭牌上标注的数值是否一致前, 请切勿接通电源! (Check to make sure line voltage agrees with the voltage indicated on the motor rating plate. if it is does not,be sure not to plug in the machine.)
- 确认气压管线压力值处于正确范围(Check you have the correct pneumatic line pressure.)



3) 安全事项(Safety instructions)



was designed for. In safety instructions



devices it is equipped



Do not operate his equipment unless technically qualified

by person who



All guards must be in position before starting



Unauthorised Persons not to use this machine.



This machine must not be dismantled or cleaned unless it has been switched off and unplugged

maintenance work the actuating the master switch



CAUTION Risk of Electric shock

engaged or the



pneumatic devices pneumatic supply source

•

The machine must only be used for the purpose it was designed for. In case of conversion into another version all valid safety instructions have to be considered.

•

Do not operate this machine without the safety devices it is equipped with.

•

The machine must only be switched on and operated by persons who have been instructed accordingly.

•

When exchanging parts and when doing maintenance work the machine must be disconnected either by actuating the master switch or by removing the mains plug.

•

When threading machine Emergency Stop must be engaged or the machine switched off.

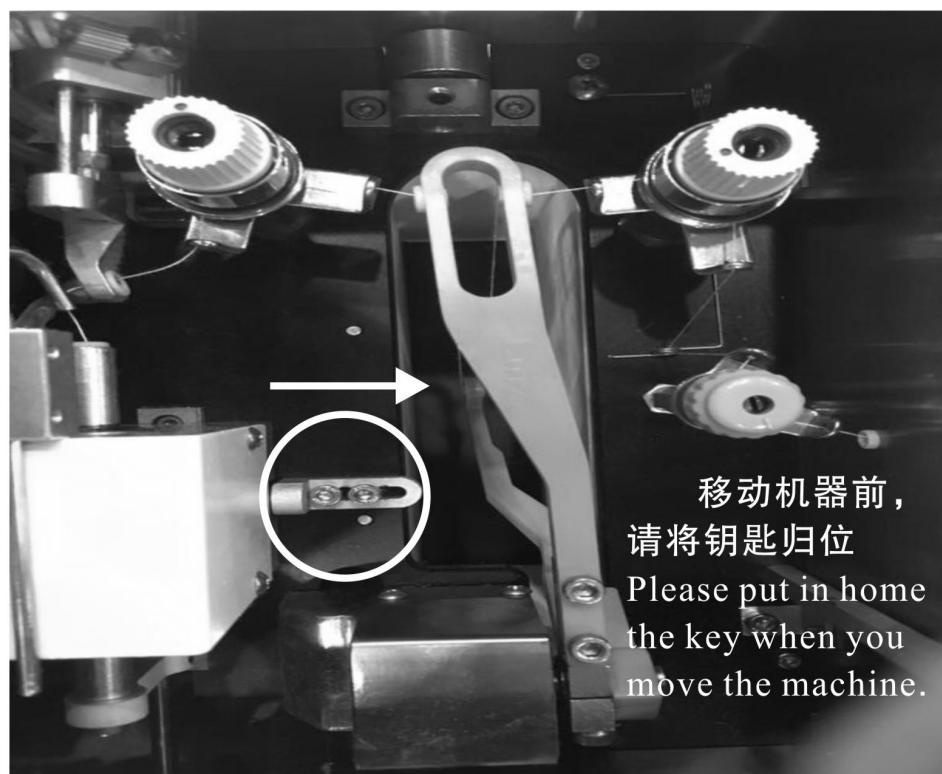
•

When carrying out maintenance or repair work on pneumatic devices the machine must be disconnected from the pneumatic supply source.

•

Work on electrical equipment on this machine must only be carried out by electricians or other persons who have instructed accordingly.

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5) 附件(Accessories)



POWER
CABLE
电缆线



PIN SET 螺销组



AIR REGULATOR 空气调节器

Before
assembly
装配后

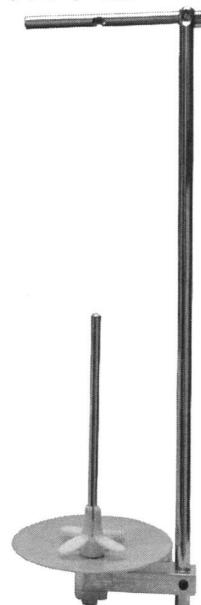


THREAD
STAND
ASSEMBLY
BEFORE
SET UP

装配前的线架



After
assembly
装配后



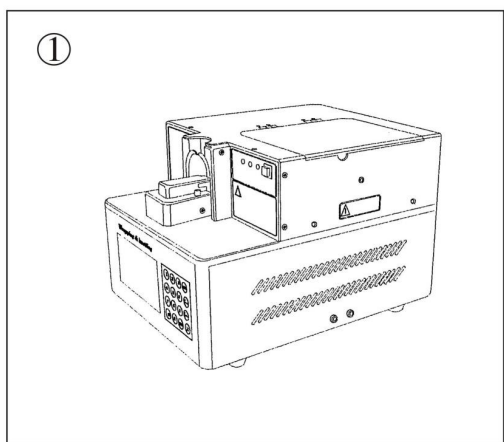
THREAD
STAND
ASSEMBLY
AFTER
SET UP

装配后的线架

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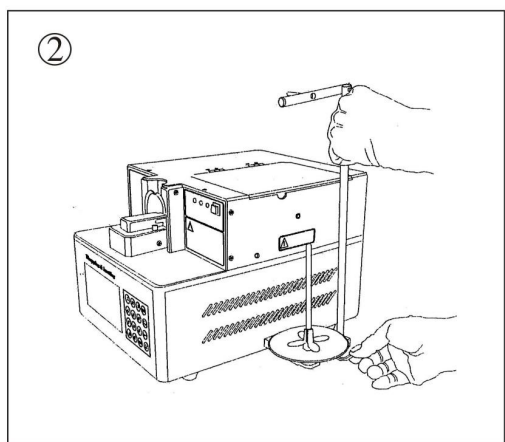
2. 安装 (INSTALLATION)

1) 引线器的安装(Installation of thread guide)



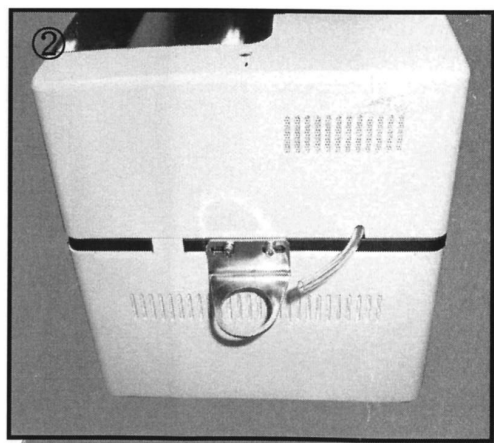
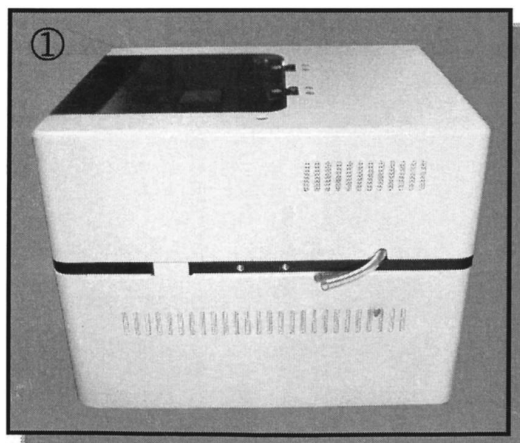
<注意>必须使用规定的螺栓，
若使用超长螺栓有可能破坏内
部部件

<Notice>You must use a regulation
fixing bolt. You may be break parts in
the cover if you use other long fixing
bolt.



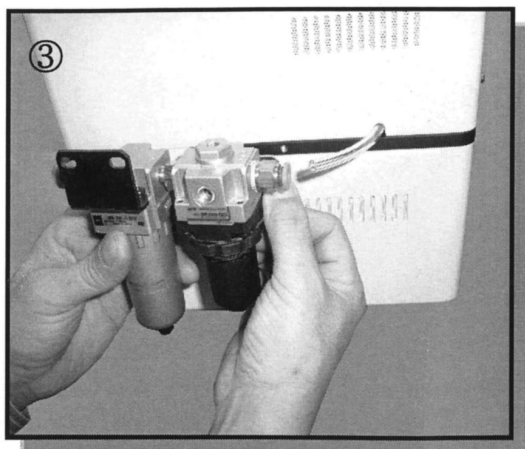
用两个螺栓固定引线器
Fix up the thread guide by two
fixing bolt.

2) 校准器的安装(Installation of regulator)



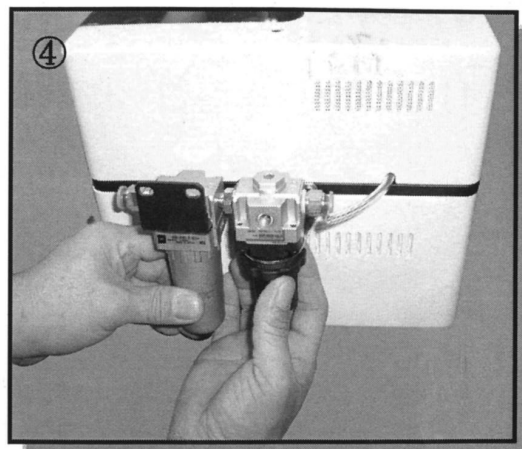
首先，固定空气托架
At first, fix up the air bracket.

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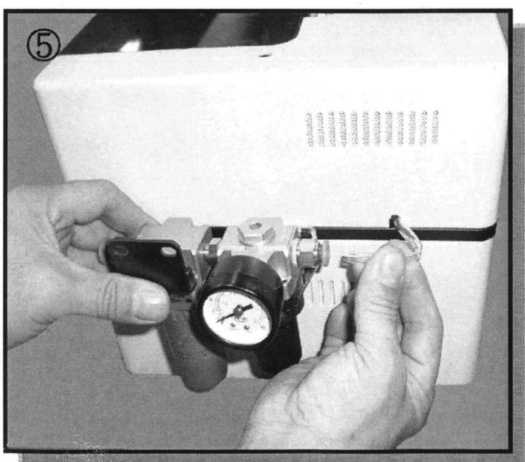
安装伺服单元，装入托架

Fix up by service unite. And put into bracket.



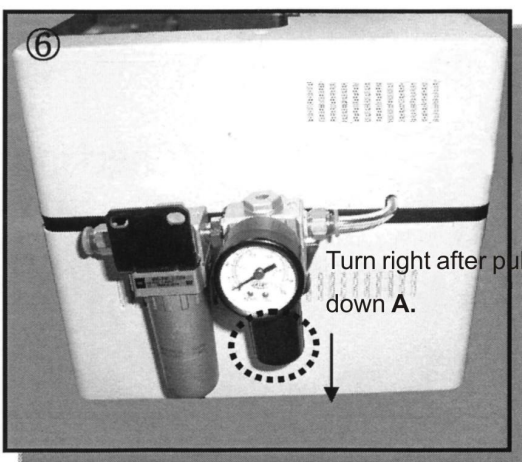
用螺母固定牢固

Fix up solidly by the nut.



将软管接入气嘴，直到不能前进为止

Put air hose into nipple till stop.



连接空气软管

Connect the air hose.

空气充满后，将A拉下、右旋。
放开手。

Turn right after pull down A when air is full. So hand will be move.

设定气压至最大值5-6，拉起A

Set air pressure till maximum 5-6. And pull up A.

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3. 检查(Checking)

1) 检查开关(Checking of Switch on)

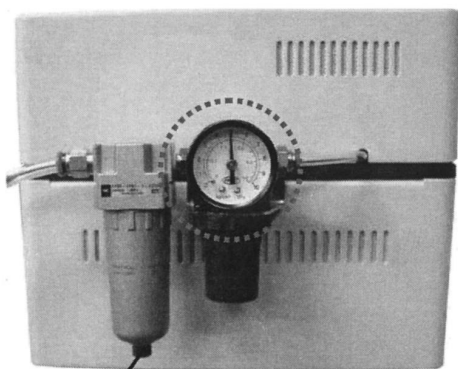


打开开关时

感应马达(①)和液晶
显示器(②)应同时亮起

Sensor motor(①)and
LCD monitor(②)are light onat the
same time when you switch on.

2) 检查气压计(Checking of air gage)



请检查气压计!!!

最小值为4, 最大值为6

Please check the air gage!!

The Minimum is 4.The Maximum is 6.

本器具为自动(这一句有问题, 看不懂, 猜着翻译)跌水排出系统,
因上请注意按钮里集聚的水, 请连接软管的, 保证水向下派出。

This device is water fall into a out system by automatically. So be careful that water gather
in bottom.Please connect hose so you make a run down water.

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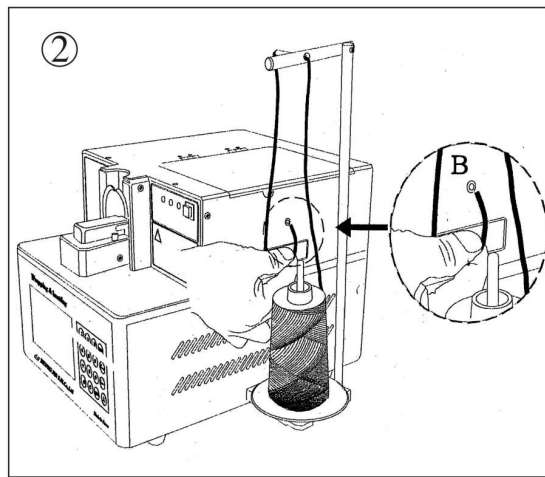
4. 使用(Usage)

1) 引线器的使用(Usage of Threading)



图为打开主开关之后的状态，
按下A，引线器自动进入准备引线
状态。

Stats of turn on the main switch,thread
guide come easy situation to thread by
auto when press the A.

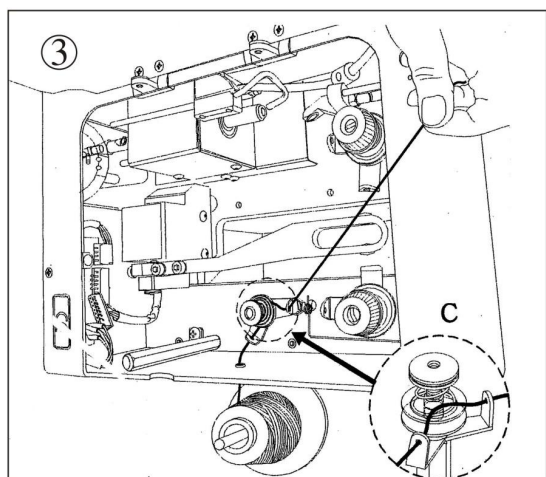


首先，装入B

At first,put into B.

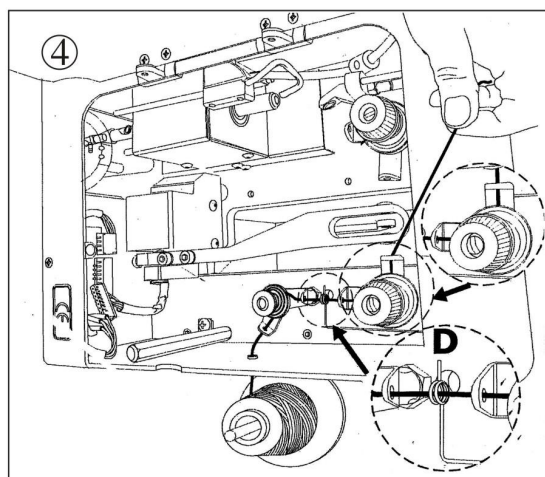
完成穿线后的状态

Stats of completing threading.



引线器内有一个孔位，线头必需
穿入该孔，如图C

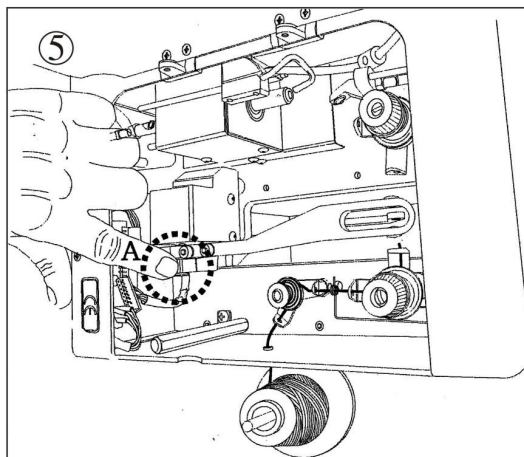
There is a hole inside of thread guide.The
thread has to be through the hole as C.



请检查部件D，该部件非常非常重要！
D部件中有一弹簧，线头必须穿过弹簧。

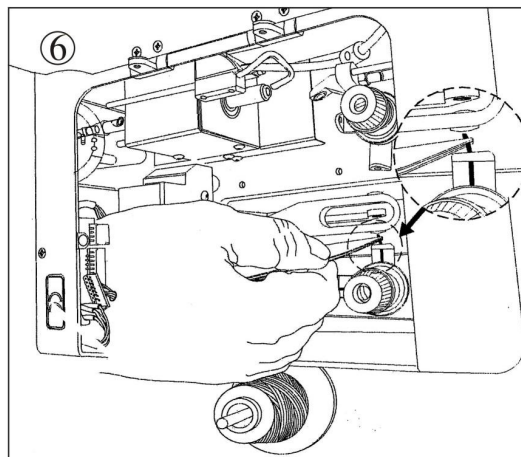
Please check part D.Very very important part.
There is a spring in D. The thread has to be
through in the spring.

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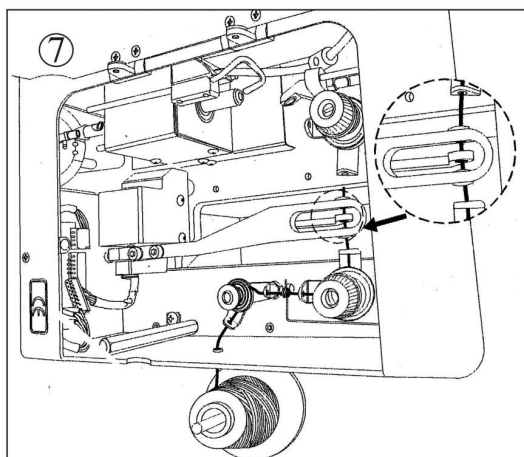
按下A, 使线头杠杆翘起

Push the A. So thread take-up lever will be lift up.



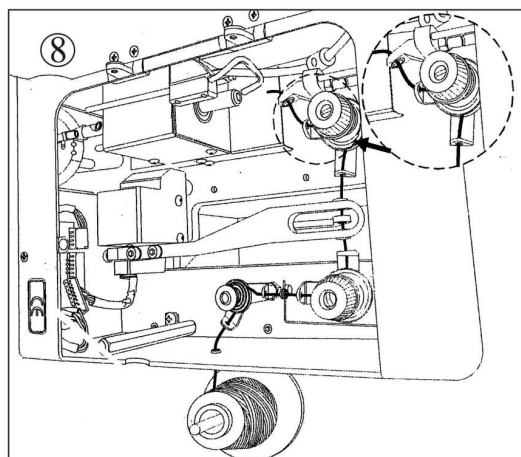
将线头穿入杠杆的孔位中

You put a thread in hole of thread take-up lever.

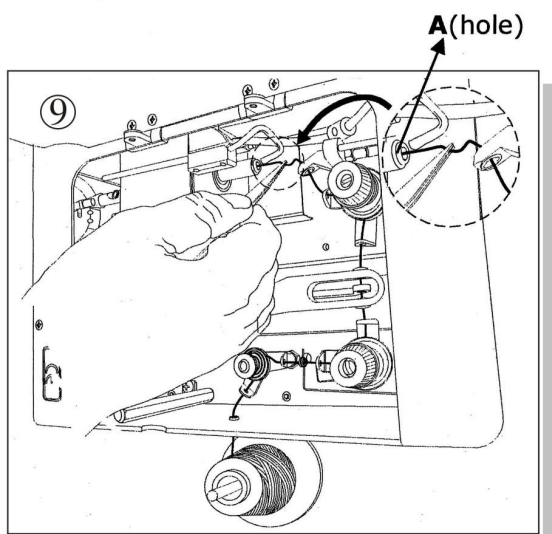


请一定要确认线头已经穿过了
线头杠杆孔位

Please kindly confirm, thread has to be through in hole of the thread take-up lever.



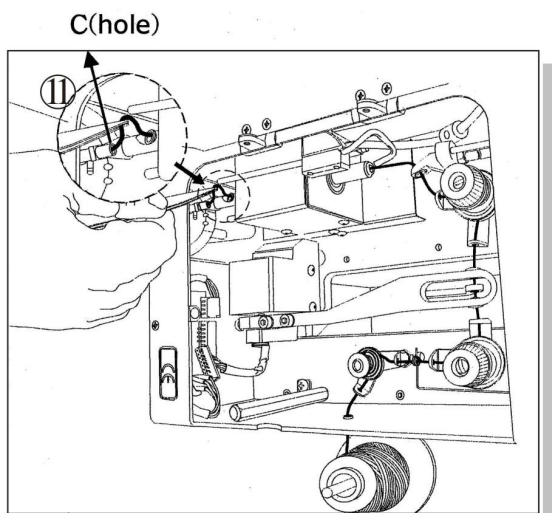
Luiz



将线头穿入A中一点点
Put into A the thread a little.



按B，线头将被自动直接放入
And if you press the B, the thread put into the inside by auto.

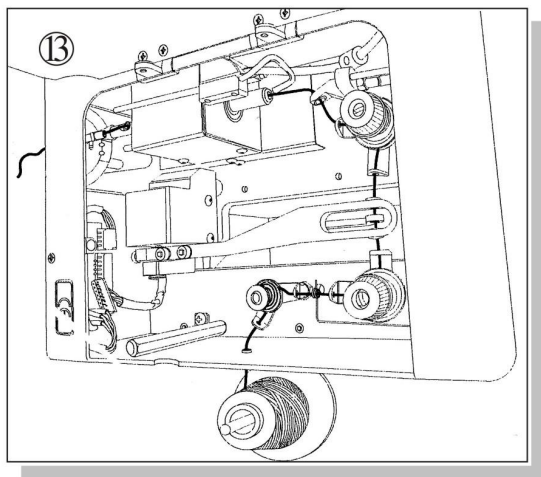


用镊子将线头放入C中一点点
Put the thread head in C with tweezers



按剪线键自动吹出
And if you press the B again, the thread put into the inside by auto at last.

Luiz

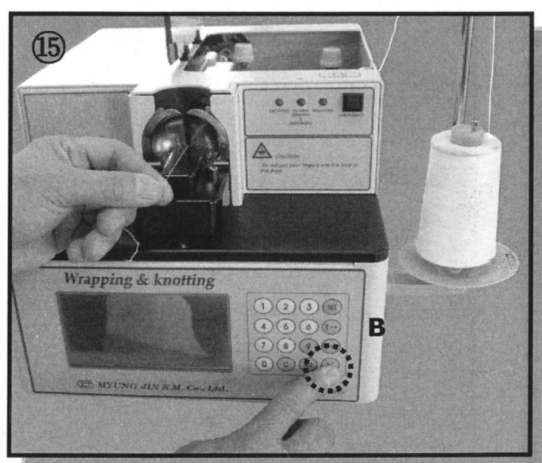


完成穿线后的状态
Stats of completing threading.



左手抓住线头，按下SET键，
进入工作状态。

Grasp the thread with the left hand, then
press the [SET] button, Enter the working
state



按剪线键，剪掉多余线头，进入工作状态

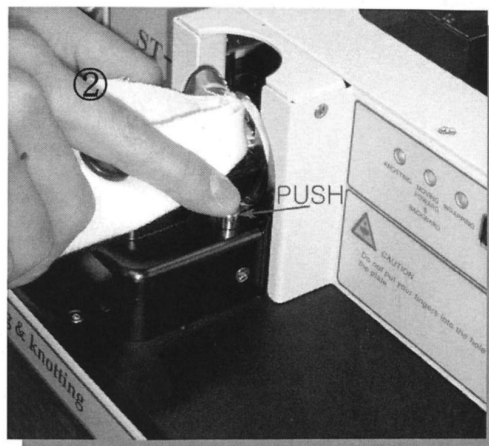
Cut the thread key, cut off the excess line head and enter the working state

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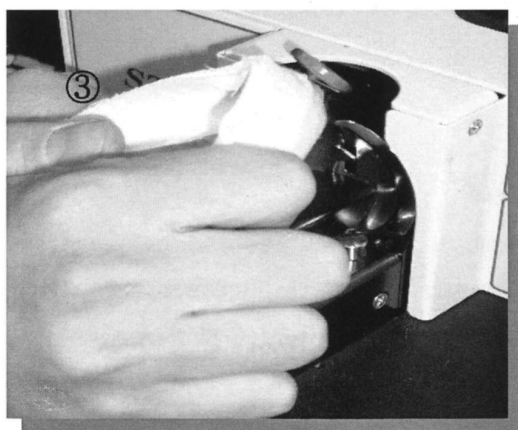
2) 操作(Operation)



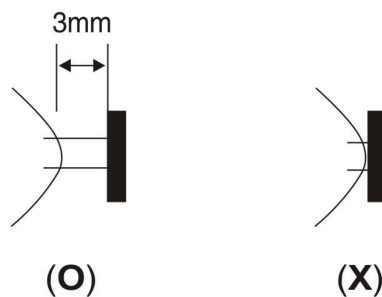
将扣子放入插座之间
Put the button in between the slot.



按Start开始键
Put the start button.



抬起，停止工作
You pull up when finished operation.
Don't give a pull at forward.



不要施加向前抬的力
No room to whip.

纽脚，织物与纽扣的间距不得
小于3mm

<重要提示>距离越大，打结越紧

To whip shank of button, the distance
between fabric and button has to be at
least 3mm.

The knot is tighter if the distance is longer.

(Important)

3) 液晶显示器和键盘的使用方法 (Usage of LCD & KEY PAD)

※ Please do not setting, except in special case. ※

按键说明：
Key instructions:
正常模式：
Normal mode:

RES+1	绕线和打结速度设定 Winding and knotting speed setting
RES+2	有无打结模式设定 No knot mode setting
RES+3	数据清零 Data reset
RES+4	测试模式设定，设定是否成功可按下1键，绕线电机转一圈表示成功 Test mode setting, setting whether to succeed can press 1 key, winding motor to turn a circle to indicate success
RES+5	剪线速度设定最大250 The cutting speed setting maximum 250
RES+7	风扇开关 The fan switch
RES+8	设置出厂代码 Factory code
RES+SET	恢复出厂设置，每块新板都在所有线连接好后恢复出厂 Restore the factory setting, each new board is restored to the factory after the cable is connected
RES+0	设置绕线、打结次数等基本参数 Set the basic parameters such as winding and number of knots
C	纫线 Threading a line
SET	电机归零 Motor zero

测试模式：
Test mode:

按RES+4进入测试模式，屏幕上并无显示，测试模式要按顺序进行，不然2号进退电机可能向后找位置，造成卡顿。
According to the RES+ 4, the test mode is not displayed on the screen, and the test mode should be carried out in sequence. Otherwise, the machine may look back to the position of the motor, resulting in carton.

进入测试模式后均可单键操作
After entering the test mode, single key operation can be performed

键1 key1	绕线电机，慢速一圈测试 Winding motor, slow loop test
键2 key2	自动绕线测试，每个回环间隔2秒，共300个回环，如需仅需测试可再按下键2。 Automatic winding test, each ring interval of 2 seconds, a total of 300 rings, if need only test can press the key 2.
键4 key4	2号进退电机回到起始位置 The no.2 motor returns to its starting position
键5 key5	2号进退电机送达绕扣位置 The no.2 motor is delivered to the buckle position
键6 key6	2号进退电机送达绕线位置 No. 2 motor is sent to the winding position
键右 (上) Key right (top)	3号打结电机测试 No.3 knotting motor test
键7 key7	绕线电机打结或绕线测试，可配合键5和键6 Winding motor knotting or winding test, can match key 5 and key 6



剪切 cutting

Luiz

4) 键盘和紧急开关(KEY PAD & EMERGENCY SWITCH)

① 按下本键，工作停止，过一会儿后回归最初状态。

① When you press this switch, working stop. It become a stats of first after a lissle time.

② 按下RES和O键，然后可以进行编辑。编辑后再按下本键，保存编辑。

② Press the RES and O keys, and then you can edit them. After editing, press this key and save the editor.



③ 使用带柄纽扣时按下本键。

③ Please press this button when you working by shank button

④ 若想选择其它部件，按下本键，则可以选择其它部件

④ Please select other parts by press this button, when you want to edit other parts.

⑤ 按下本键，剪断线头

⑤ Do you want to cut the thread So press this button.

⑦ 本键为装订每日工作数据时使用，按下RES和3键装订

⑦ This key is used to bind daily work data, pressing RES and 3 key binding

⑥ 需要安装时按下本键

⑥ This button need when you want initialization.

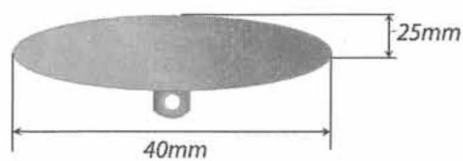
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5) 扣子的种类(Button type)

● 扣子的尺寸 (Button size) ●



扁平型纽扣
(Type of flat)



工字(带脚)纽扣
SHANK(Type of shank)

扣子类型 Button type	长 Diameter	高 Height	厚 Thickness
扁平型 Flat button	1 ~ 40m/m	1 ~ 10m/m	1 ~ 25m/m
工字纽扣 Shank button	1 ~ 40m/m	1 ~ 10m/m	1 ~ 25m/m

作业量 Quantity	时间 Time
6,000	1 day
1	2.7 sec

包装频率 Wrapping freq.	打结频率 Knotting freq.
1 ~ 130(max. 300)	1 ~ 130(max. 50)

数据基于每日8小时工作制，包装30次和打结4次(第一次打1结，最后一次打3结)→标准

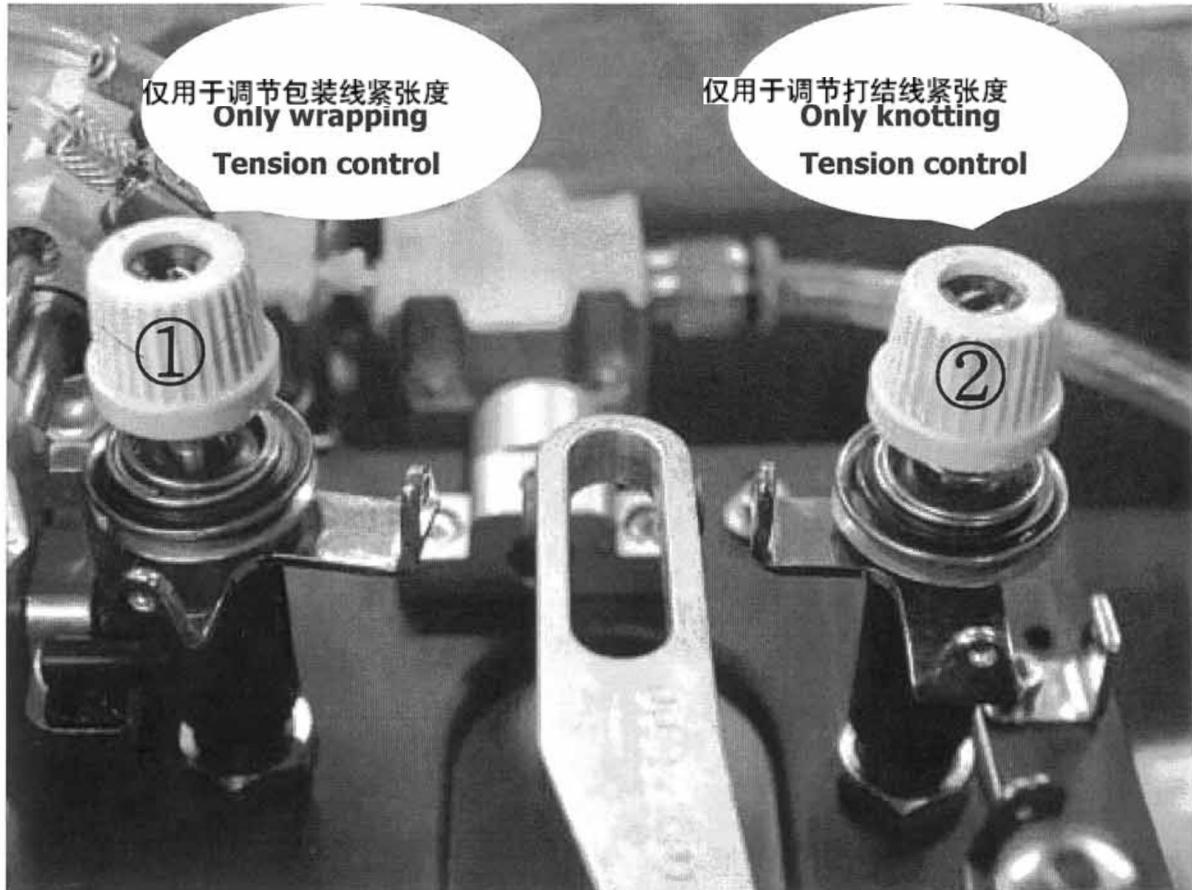
Based on- 8 hour working a day

30 wrapping and 4 knotting

(first time 1 knotting and last time 3 knotting) → standard

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6) 控制缝线紧张度的方法(Usage of operating thread tension)



- ① 仅用于调节包装线紧张度
- ② 本装置仅可调节包装线紧张度。右旋调紧，左旋调松。
- ② 仅用于调节打结线紧张度
- ② 本装置仅调节打结线紧张度。工作方法同上。但须注意，SHAFT(Tt007) 杆要保持与内部持平

①→wrapping tension device

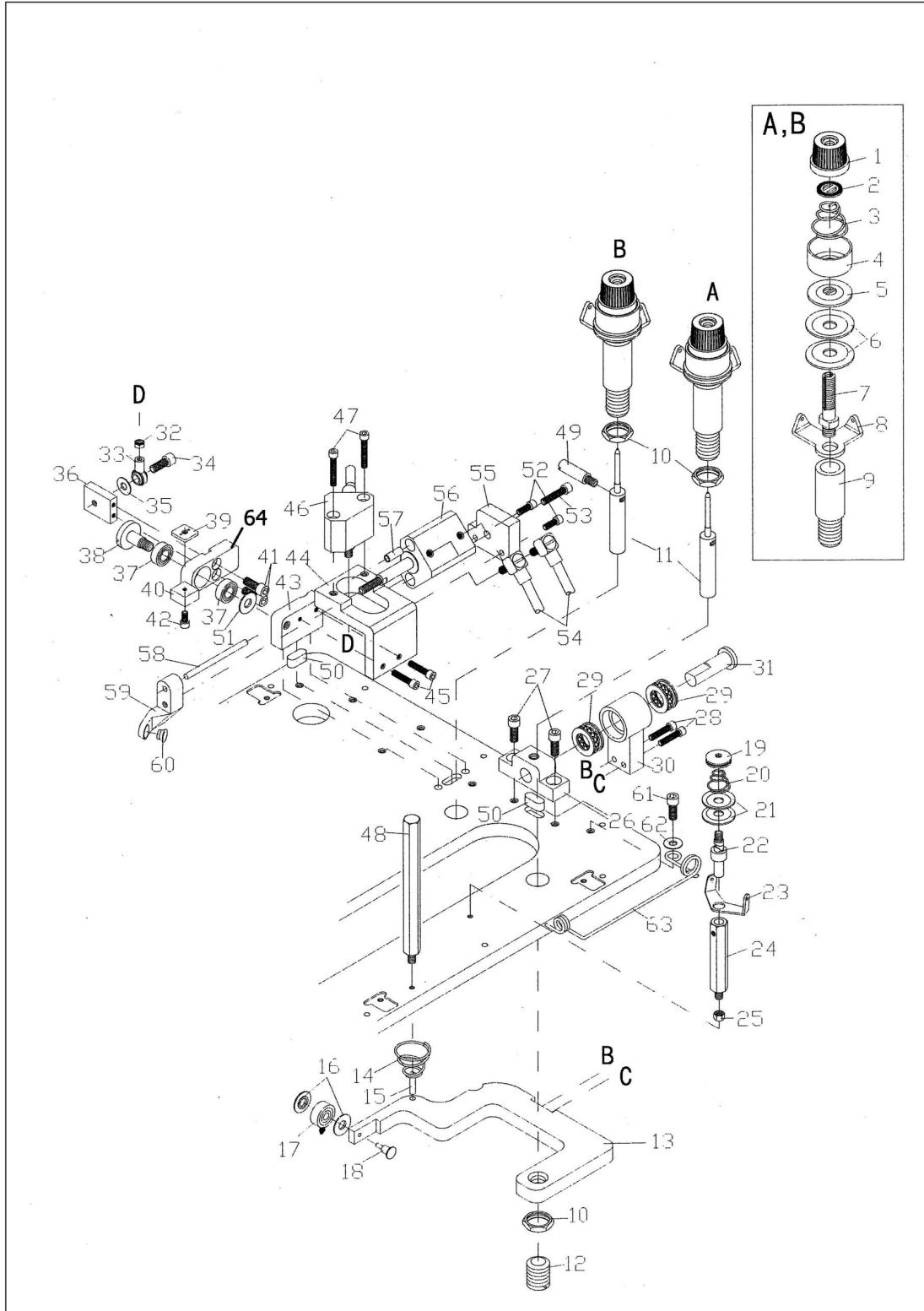
→ ‘①’ is only wrapping tension control device. You can wrapping tension that you want.If you want to tight wrapping,please turn right.And if you want to loose wrapping,please turn left.

②→Knotting tension device

→ ‘②’ is only knotting tension control device. Usage is same method as wrapping tension device.But important thing is that SHAFT(TT007) is always level with the inside.

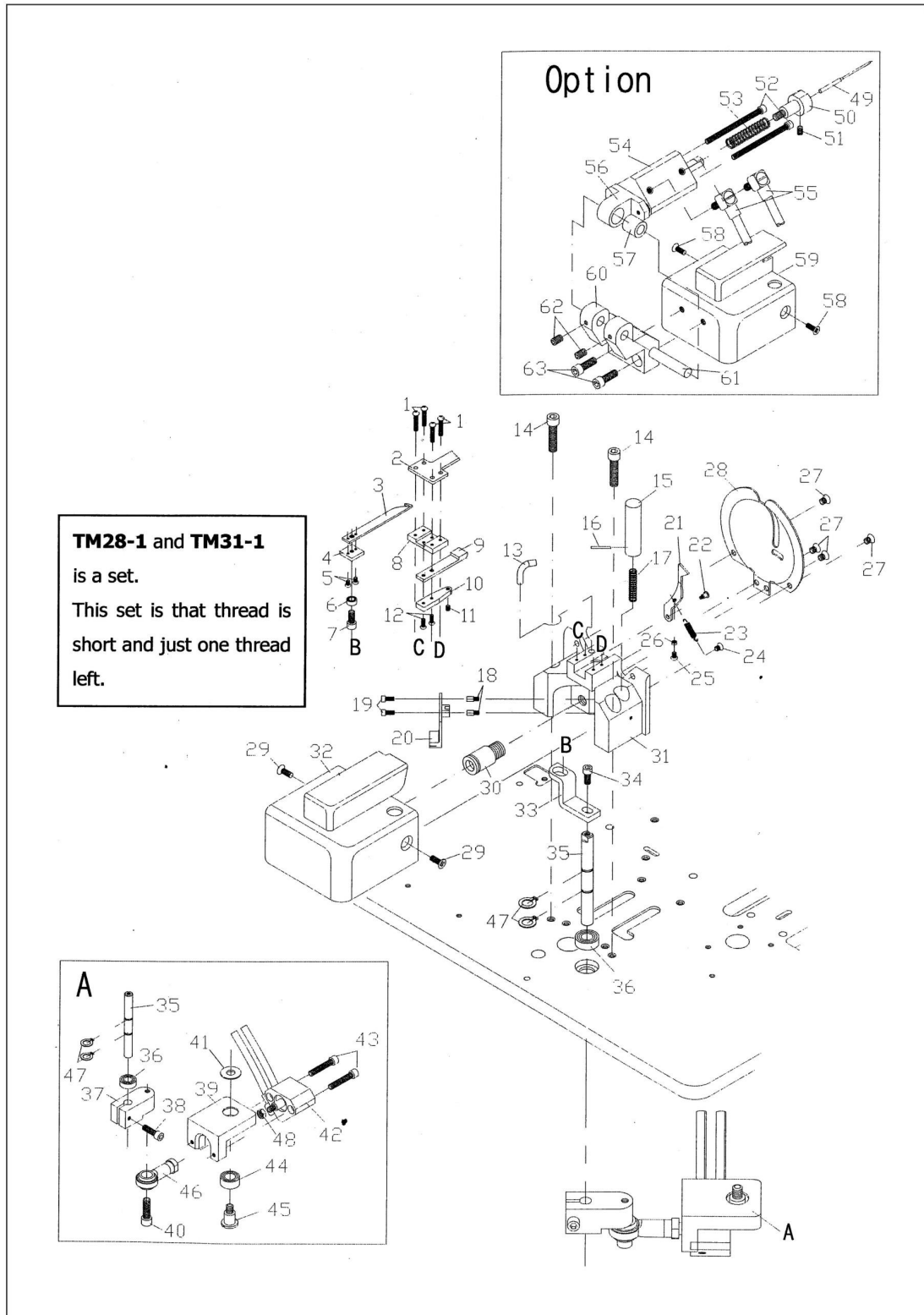
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THREAD TENSILON



NO.	PARTS NO.	NAME OF PARTS	NO.	PARTS NO.	NAME OF PARTS
1	TT001	CONTROLLING KNOB	33	TT033	PUSHING DEVICE
2	TT002	WASHER	34	TT034	FIXING BOLT
3	TT003	SPRING	35	TT035	WAWSHER
4	TT004	SPRING STAND	36	TT036	BRACKET
5	TT005	WASHER	37	TT037	BEARING
6	TT006	PRESSER	38	TT038	FIXING BOLT
7	TT007	SHAFT	39	TT039	BRACKET
8	TT008	THREAD GUIDE	40	TT040	BRACKET
9	TT009	THREAD GUIDE PILLAR	41	TT041	FIXING BOLT
10	TT010	NUT	42	TT042	FIXING BOLT
11	TT011	PILLAR	43	TT043	BRACKET
12	TT012	HEADLESS FIXING BOLT	44	TT044	CYLINDER BRACKET
13	TT013	LEVER	45	TT045	FIXING BOLT
14	TT014	SPRING	46	TT046	AIR CYLINDER
15	TT015	SPRING STAND	47	TT047	FIXING BOLT
16	TT016	WASHER	48	TT048	PILLAR
17	TT017	BEARING	49	TT049	FIXING BOLT
18	TT018	FIXING BOLT	50	TT050	KEY
19	TT019	CONTROLLING KNOB	51	TT051	WASHER
20	TT020	SPRING	52	TT052	FIXING BOLT
21	TT021	PRESSER	53	TT053	FIXING BOLT
22	TT022	SHAFT	54	TT054	NIPPLE
23	TT023	THREAD GUIDE	55	TT055	CYLINDER BRACKET
24	TT024	MAIN STAND	56	TT056	AIR CYILINDER
25	TT025	NUT	57	TT057	BUSHING
26	TT026	THREAD TENSION ASS'Y STAND	58	TT058	HOLDING PIN
27	TT027	FIXING BOLT	59	TT059	THREAD PULL DEVICE
28	TT028	FIXING BOLT	60	TT060	SMOOTHER
29	TT029	BEARING	61	TT061	FIXING BOLT
30	TT030	BEARING HOLDER	62	TT062	WASHENR
31	TT031	HOLDING PIN	63	TT063	SPRING
32	TT032	NUT	64	TT064	LEVER DEVICE

TRIMMING

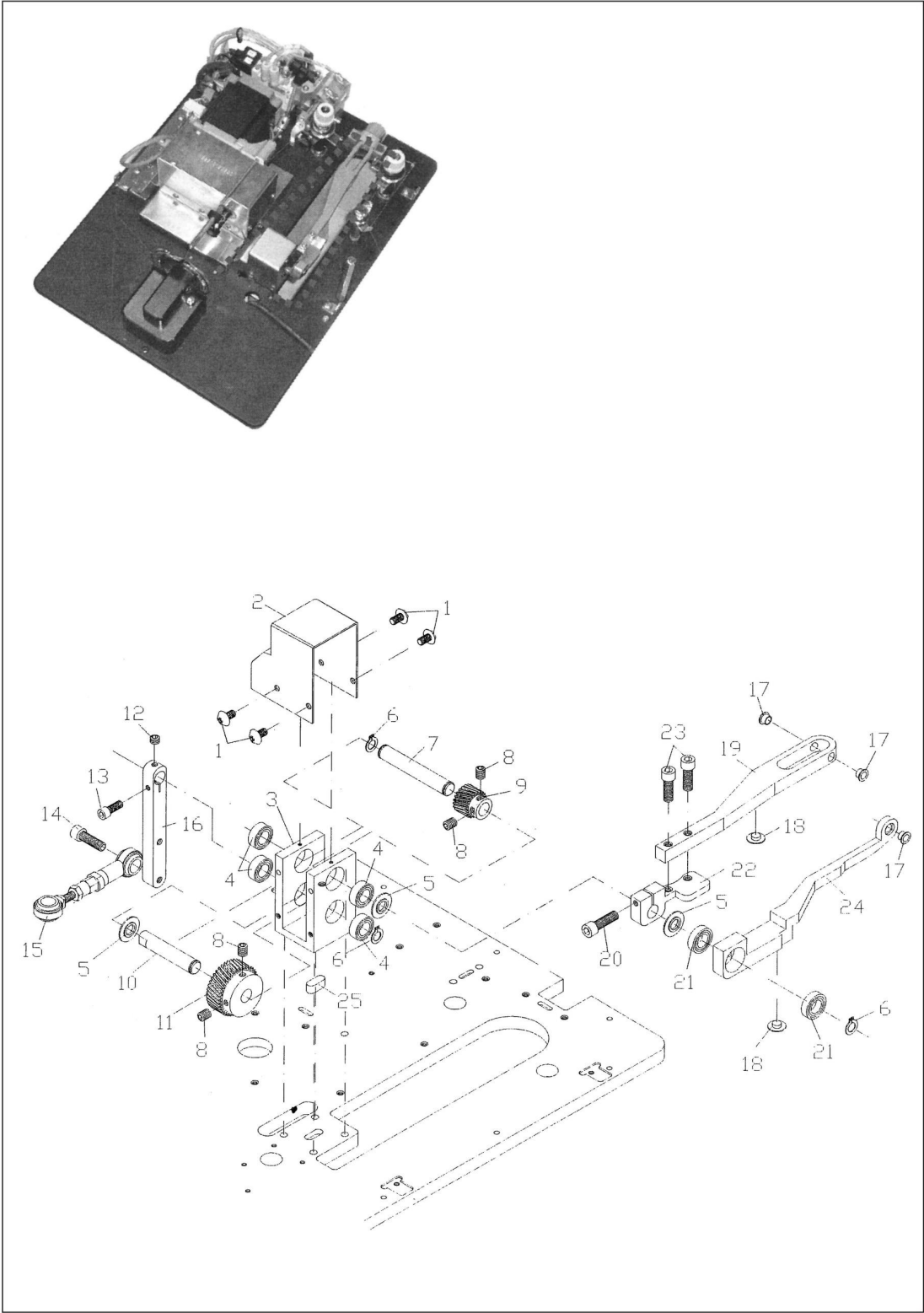


TM28-1 and TM31-1
is a set.
This set is that thread is
short and just one thread
left.

NO.	PARTS NO.	NAME OF PARTS	NO.	PARTS NO.	NAME OF PARTS
1	TM001	FIXING BOLT	33	TM033	PUSHING DEVICE
2	TM002	KNIFE ASS'Y 1	34	TM034	FIXING BOLT
3	TM003	KNIFE	35	TM035	PUSHING DEVICE PILLAR
4	TM004	KNIFE ASS'Y 2	36	TM036	BEARING
5	TM005	FIXING BOLT	37	TM037	PILLAR HOLDER
6	TM006	BEARING	38	TM038	FIXING BOLT
7	TM007	FIXING BOLT	39	TM039	AIR CYLINDER COVER
8	TM008	KNIFE ASS'Y 3	40	TM040	FIXING BOLT
9	TM009	KNIFE ASS'Y 4	41	TM041	WASHER
10	TM010	KNIFE ASS'Y 5	42	TM042	AIR CYLINDER
11	TM011	HEADLESS FIXING BOLT	43	TM043	FIXING BOLT
12	TM012	HEADLESS FIXING BOLT	44	TM044	BEARING
13	TM013	ATR PIPE	45	TM045	HOLDING PIN
14	TM014	FIXING BOLT	46	TM046	FLEXIBLE HOOK
15	TM015	SWITCH	47	TM047	RING
16	TM016	SENSOR PIN	48	TM048	NUT
17	TM017	SPRING	49	TM049	NEEDL
18	TM018	FIXING BOLT	50	TM050	NEEDLE BAR
19	TM019	FIXING BOLT	51	TM051	FIXING BOLT
20	TM020	KNIFE ASS'Y 6	52	TM052	FIXING BOLT
21	TM021	BUTTON KEEPER	53	TM053	SPRING
22	TM022	FIXING BOLT	54	TM054	AIR CYLINDER
23	TM023	SPRING	55	TM055	NIPPLE
24	TM024	FIXING BOLT	56	TM056	FIXING BRACKET
25	TM025	FIXING BOLT	57	TM057	BUSHING
26	TM026	NUT	58	TM058	FIXING BOLT
27	TM027	FIXING BOLT	59	TM059	BUTTON BRACKET
28	TM028	PLATE	60	TM060	CYLINDER HOLDER
29	TM029	FIXING BOLT	61	TM061	HOLDING PIN
30	TM030	AIR NIPPLE	62	TM062	HEADLESS FIXING BOLT
31	TM031	KNIFE ASS'Y STAND	63	TM063	FIXING BOLT
32	TM032	KNIFE ASS'Y COVER	TM28-1, TM31-1		SPECIAL 2

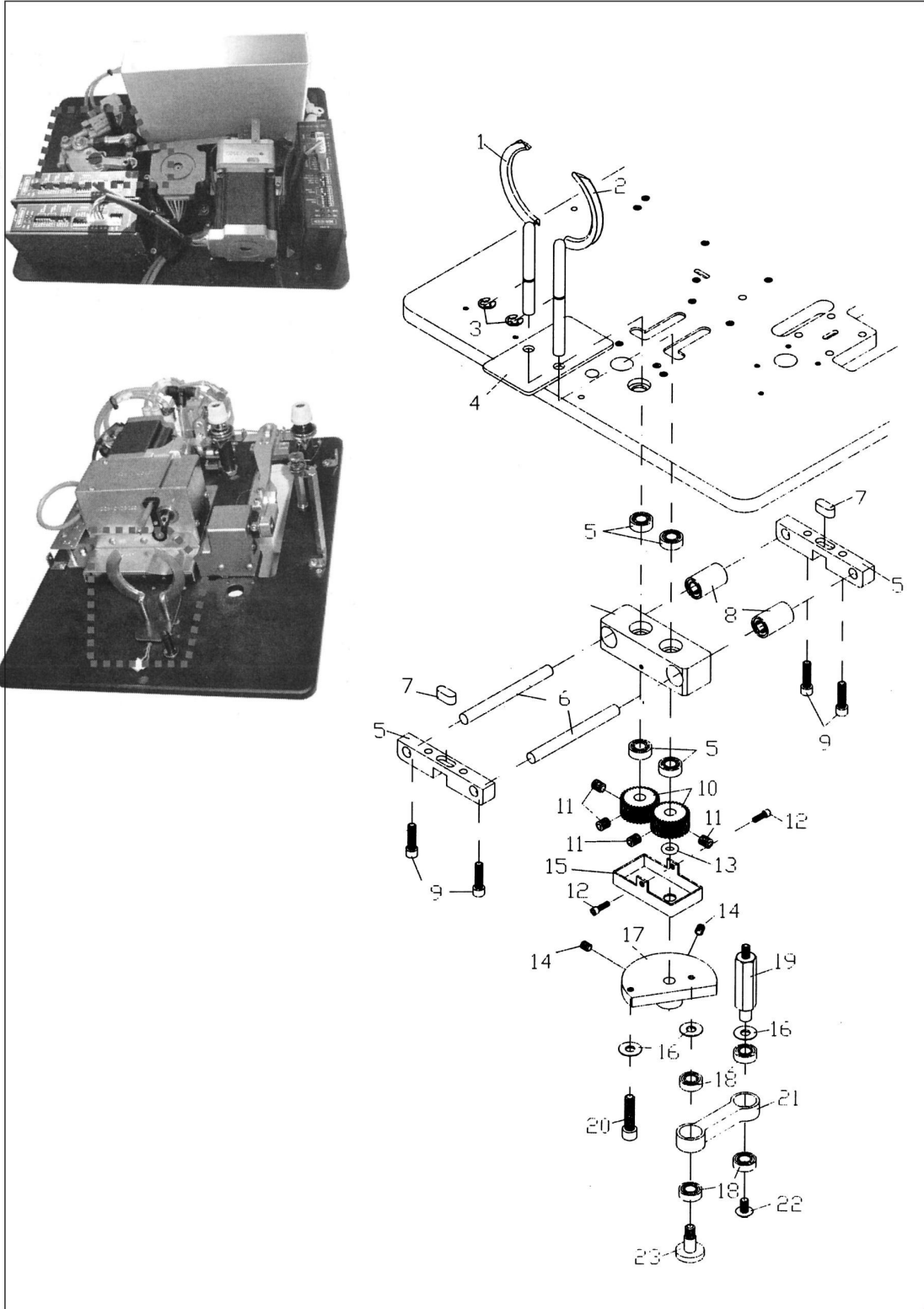
- TM28-1, TM31-1: This is special type. Thread is short and just a piece of thread left.

UPPER THREAD TAKE UP



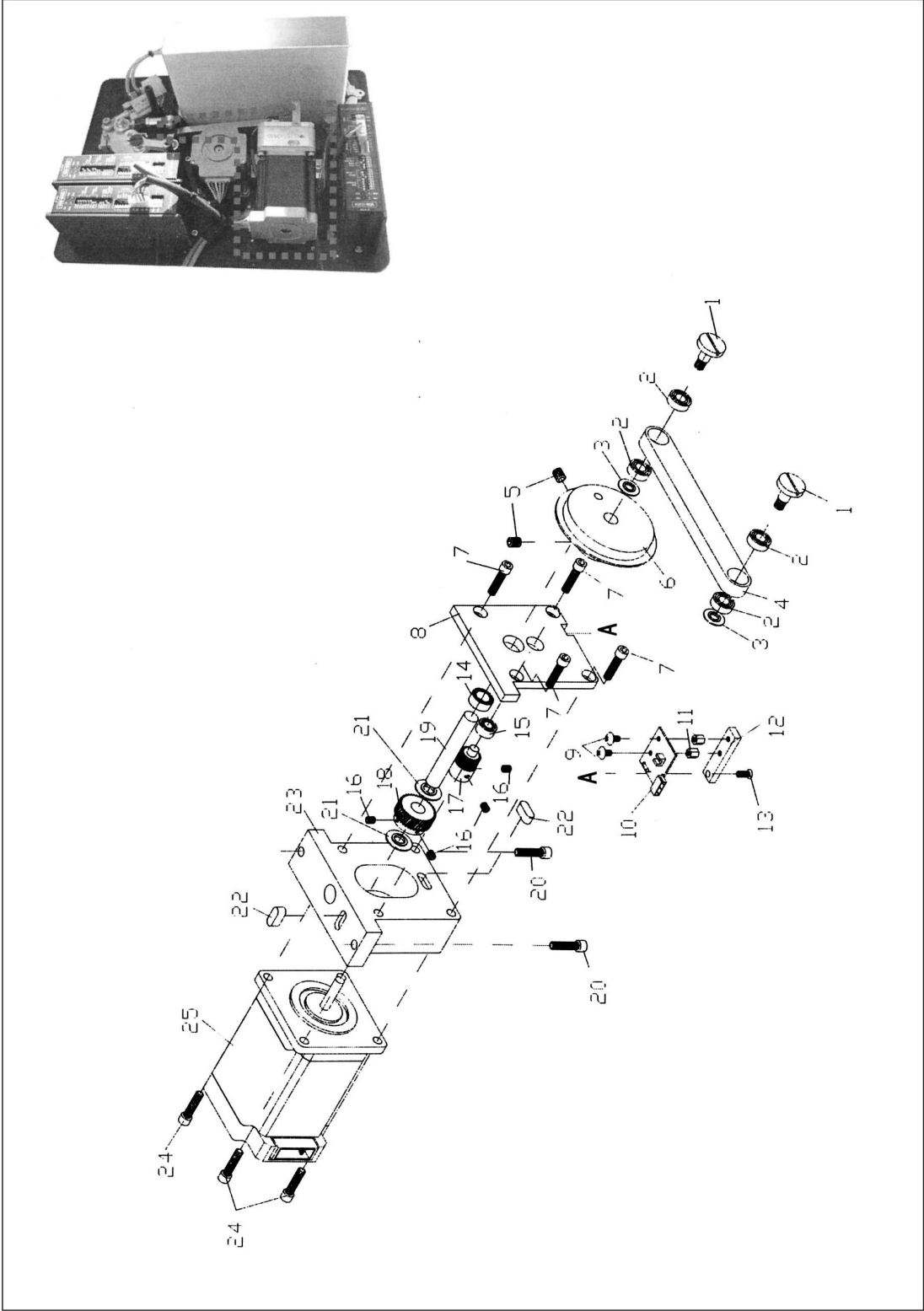
NO.	PARTS NO.	NAME OF PARTS	NO.	PARTS NO.	NAME OF PARTS
1	UU001	FIXING BOLT			
2	UU002	GEAR BOX COVER			
3	UU003	GEAR BOX			
4	UU004	BEARING			
5	UU005	WASHER			
6	UU006	RING			
7	UU007	GEAR HAFT			
8	UU008	HEADLESS FIXING BOLT			
9	UU009	GEAR			
10	UU010	GEAR SHAFT			
11	UU011	GEAR			
12	UU012	HEADLESS FIXING BOLT			
13	UU013	FIXING BOLT			
14	UU014	FIXING BOLT			
15	UU015	FLFXIBLE HOOK ASS'Y			
16	UU016	PILLAR			
17	UU017	SMOOTHER			
18	UU018	RUBBER CAP			
19	UU019	THREAD TAKE UP LEVER 1			
20	UU020	FIXING BOLT			
21	UU021	BEARING			
22	UU022	THREAD TAKE UP LEVER STAND			
23	UU023	FIXING BOLT			
24	UU024	THREAD TAKE UP LEVER 2			
25	UU025	FIXING DEVICE			

WRAPPING ARM



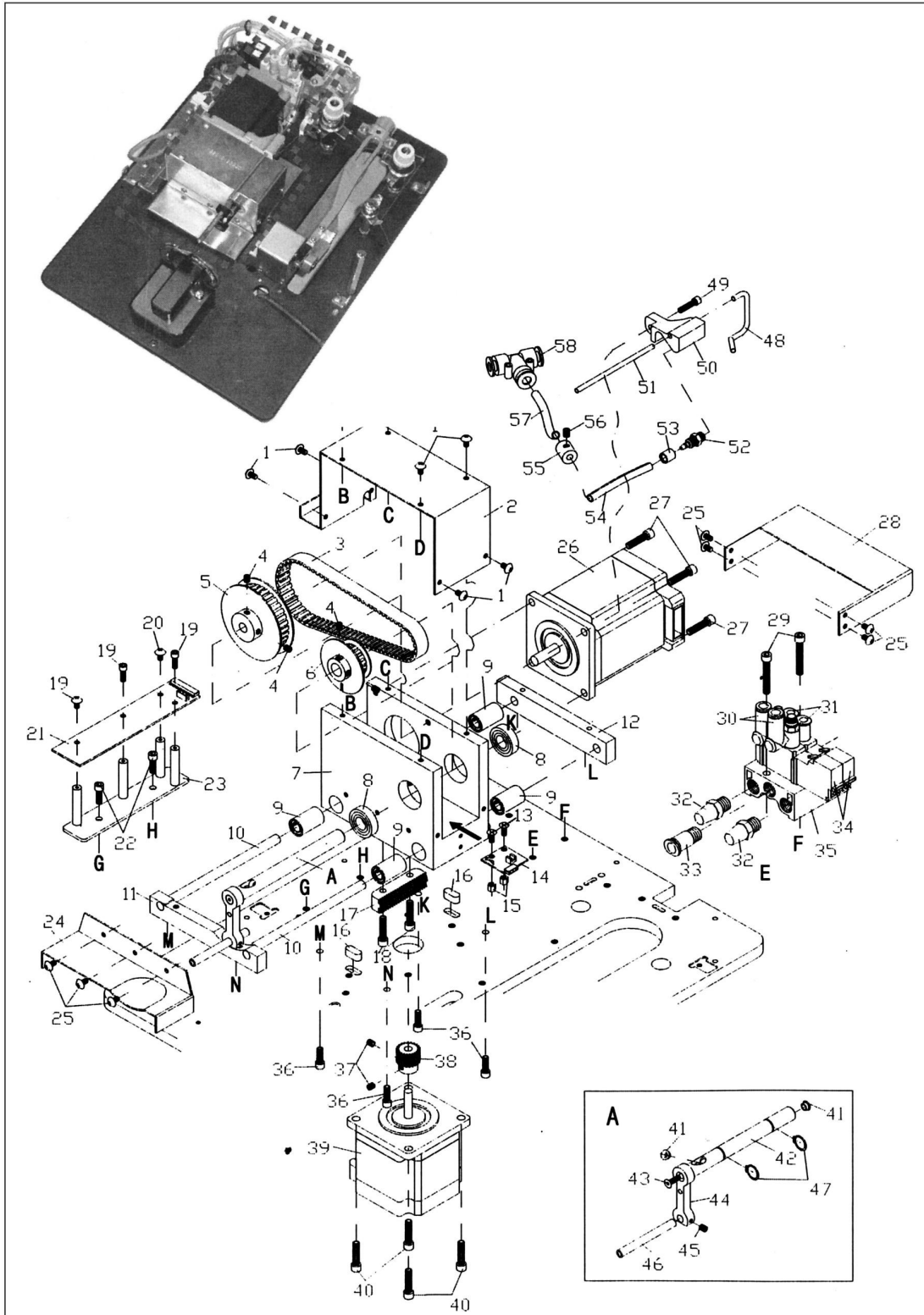
NO.	PARTS NO.	NAME OF PARTS	NO.	PARTS NO.	NAME OF PARTS
1	WA001	LEFT WRAPPING ARM			
2	WA002	RIGHT WRAPPING ARM			
3	WA003	RING			
4	WA004	WRAPPING ARM BASE			
5	WA005	BEARING			
6	WA006	HOLDING PIN			
7	WA007	FIXING DEVICE			
8	WA008	BEARING			
9	WA009	FIXING BOLT			
10	WA010	GEAR			
11	WA011	HEADLESS FIXING BOLT			
12	WA012	FIXING BOLT			
13	WA013	RING			
14	WA014	HEADLESS FIXING BOLT			
15	WA015	GEAR BOX			
16	WA016	WASHER			
17	WA017	CAM			
18	WA018	BEARING			
19	WA019	PILLAR			
20	WA020	FIXING BOLT			
21	WA021	ARM			
22	WA022	FIXING BOLT			
23	WA023	HOLDING PIN			

WRAPPING ARM MOTOR



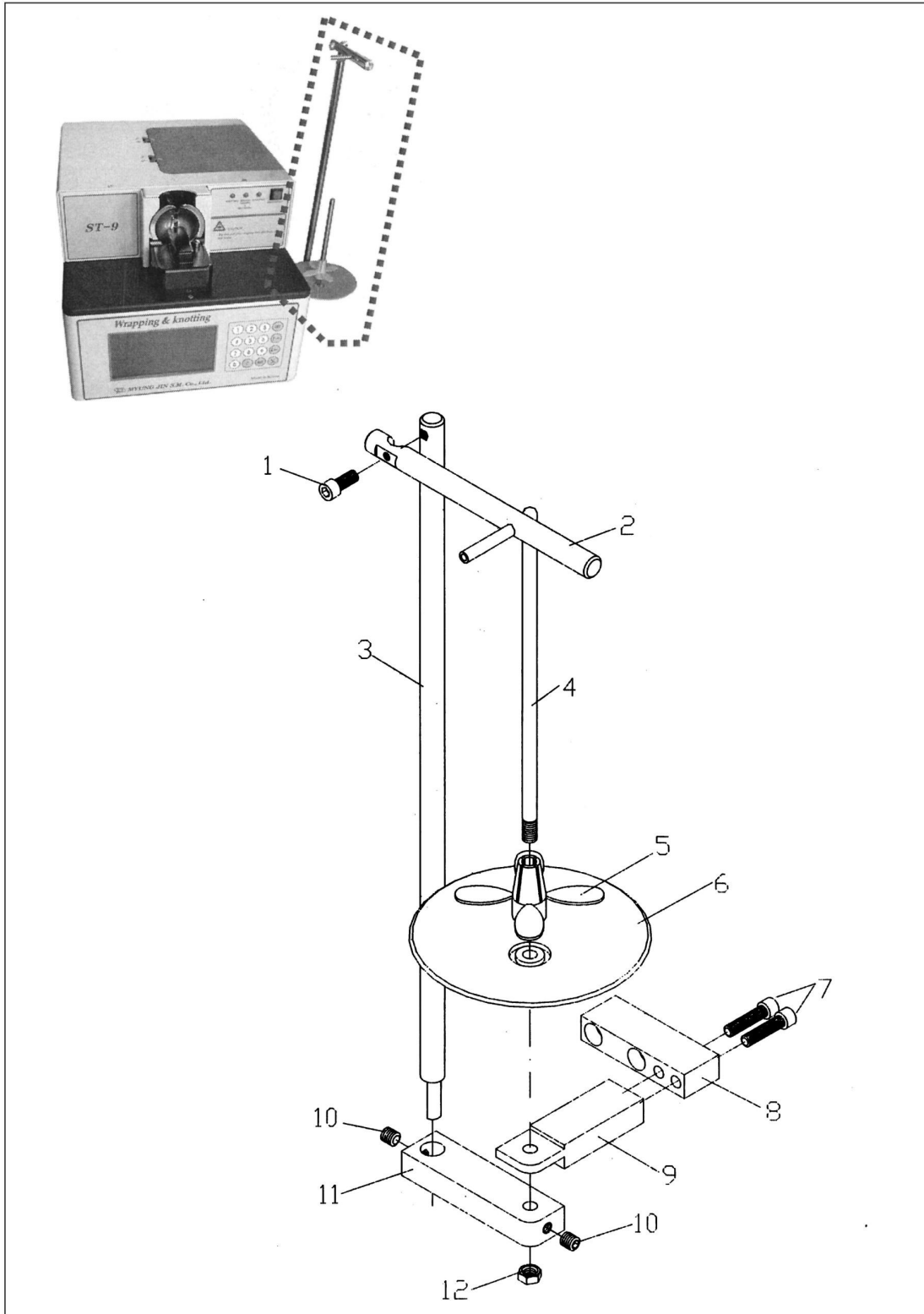
NO.	PARTS NO.	NAME OF PARTS	NO.	PARTS NO.	NAME OF PARTS
1	WM001	HOLDING PIN			
2	WM002	BEARING			
3	WM003	WASHER			
4	WM004	ARM			
5	WM005	HEADLESS FIXING BOLT			
6	WM006	CAM			
7	WM007	FIXING BOLT			
8	WM008	GEAR BOX COVER			
9	WM009	FIXING BOLT			
10	WM010	SENSOR BOARO			
11	WM011	FIXING BOLT			
12	WM012	SENSOR BOARD STAND			
13	WM0013	FIXING BOLT			
14	WM014	BEARING			
15	WM015	BEARING			
16	WM016	HEADLESS FIXING BOLT			
17	WM017	GEAR			
18	WM018	GEAR			
19	WM019	GEAR SHAFT			
20	WM020	FIXING BOLT			
21	WM021	WASHER			
22	WM022	FIXING DEVICE			
23	WM023	GEAR BOX			
24	WM024	FIXING BOLT			
25	WM025	MOTOR			

WRAPPING AND KNOTTING MAIN DEVICE



NO.	PARTS NO.	NAME OF PARTS	NO.	PARTS NO.	NAME OF PARTS
1	WD001	FIXING BOLT	33	WD033	AIR NIPPLE
2	WD002	BELT BOX COVER	34	WD034	DETECTOR
3	WD003	BELT	35	WD035	STAND
4	WD004	HEADLESS FIXING	36	WD036	FIXING BOLT
5	WD005	BELT GEAR	37	WD037	HEADLESS FIXING BOLT
6	WD006	BELT GEAR	38	WD038	GEAR
7	WD007	BELT BOX	39	WD039	MOTOR
8	WD008	BEARING	40	WD040	FIXING BOLT
9	WD009	BEARING	41	WD041	SMOOTHER
10	WD010	HOLDING PIN	42	WD042	WRAPPING ARM
11	WD011	PINHOLDER 1	43	WD043	WRAPPING DEVICE 1
12	WD012	PIN HOLDER 2	44	WD044	ARM
13	WD013	FIXING BOLT	45	WD045	HEADLESS FIXING BOLT
14	WD014	SENSOR BOARD 1	46	WD046	WRAPPING DEVICE 2
15	WD015	FIXING NUT	47	WD047	RING
16	WD016	FIXING DEVICE	48	WD048	AIR PIN
17	WD017	GEAR	49	WD049	FIXING BOLT
18	WD018	FIXING BOLT	50	WD050	THREAD BRACKET
19	WD019	FIXING BOLT	51	WD051	AIR PIN
20	WD020	FIXING BOLT	52	WD052	AIR NIPPLE
21	WD021	SENSOR BOARD 2	53	WD053	AIR NIPPLE
22	WD022	FIXING BOLT	54	WD054	AIR HOSE
23	WD023	SENSOR BOARD STAND	55	WD055	AIR HOSE CONTROLLER
24	WD024	PING HOLDER 1 COVER	56	WD056	HEADLESS FIXING BOLT
25	WD025	FIXING BOLT	57	WD057	AIR HOSE
26	WD026	MOTOR	58	WD058	AIR NIPPLE
27	WD027	FIXING BOLT			
28	WD028	PIN HOLDER 2 COVER			
29	WD029	FIXING BOLT			
30	WD030	AIR NIPPLE			
31	WD031	AIR NIPPLE			
32	WD032	FILTER			

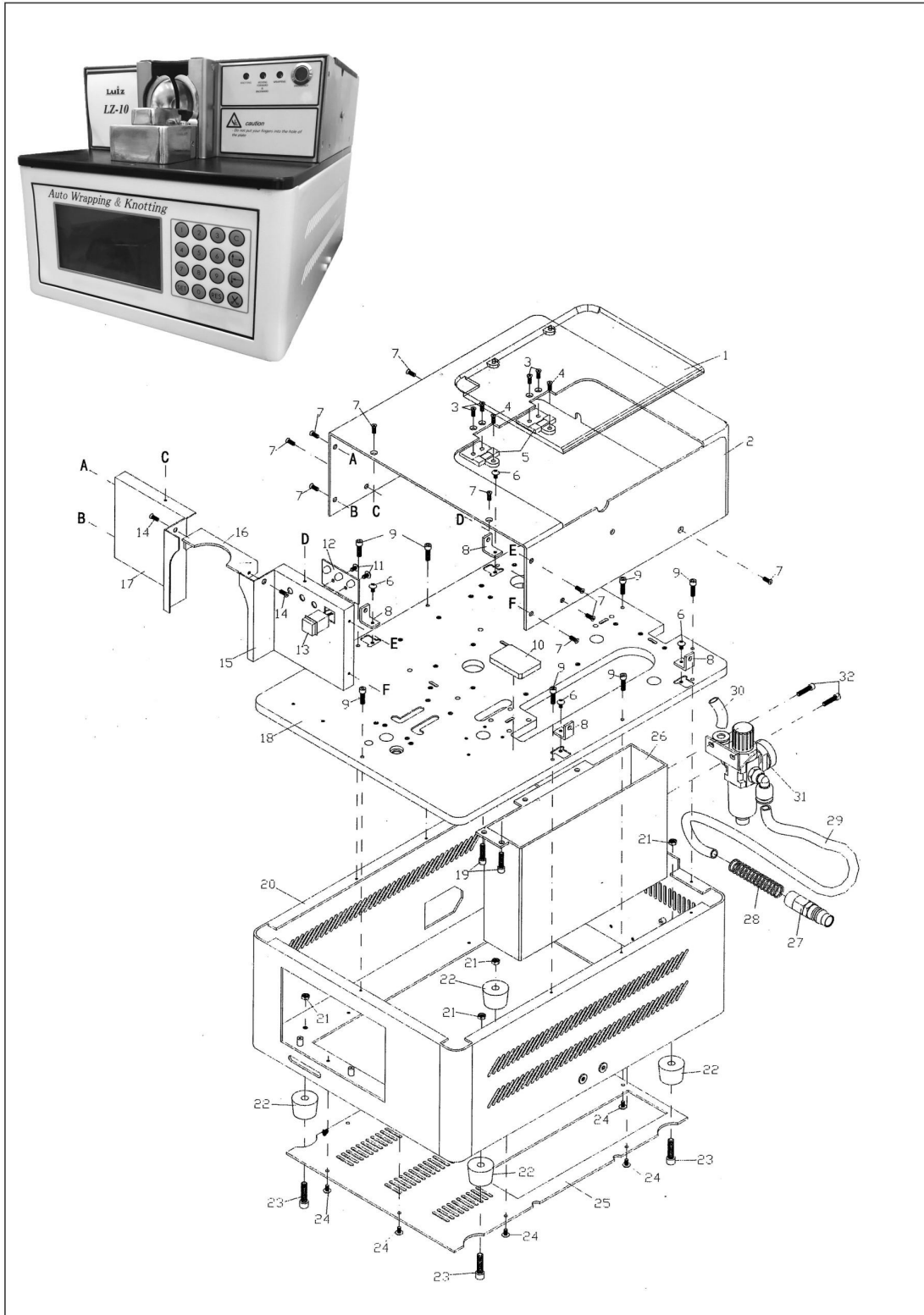
THREAD GUIDE



Luiz

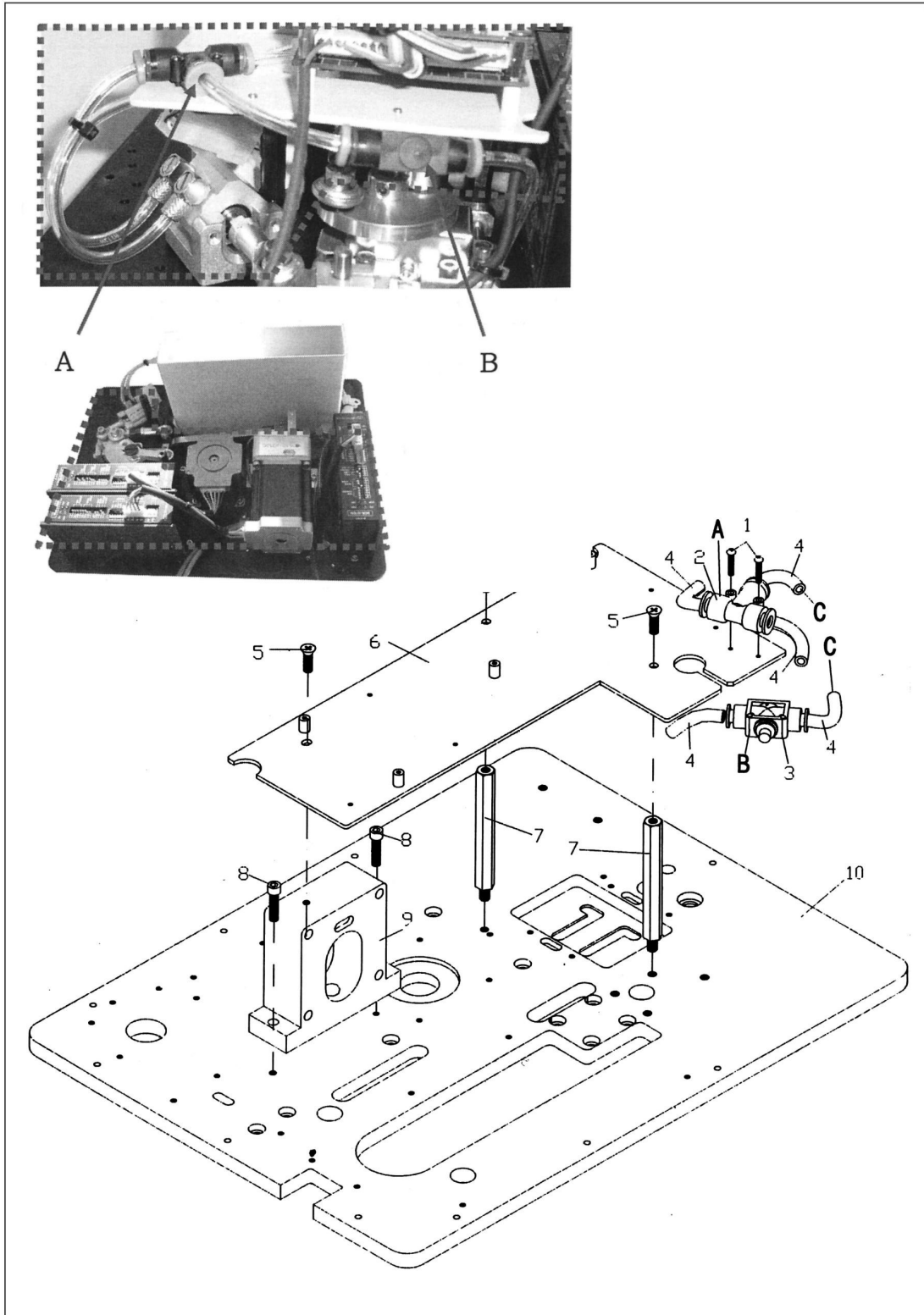
NO.	PARTS NO.	NAME OF PARTS	NO.	PARTS NO.	NAME OF PARTS
1	Tg001	FIXING BOLT			
2	TG002	THREAD GUIDE			
3	TG003	THREAD STAND			
4	TG004	THREAD HANGER			
5	TG005	THREAD HANGER SUPPORT			
6	TG006	THREAD HANGER BASE PLATE			
7	TG007	FIXING BOLT			
8	TG008	THREAD STAND ASSY FIXING DEVICE			
9	TG009	THREAD STAND ASS'Y FIXING DEVICE			
10	TG010	HEADLESS FIXING BOLT			
11	TG011	THREAD STAND ASS'Y FIXING DEVICE			
12	TG012	NUT			

ASSEMBLY OF MAIN COVER



NO.	PARTS NO.	NAME OF PARTS	NO.	PARTS NO.	NAME OF PARTS
1	AC001	COVER			
2	AC002	MAIN COVER			
3	AC003	FIXING BOLT			
4	AC004	FIXING BOLT			
5	AC005	HINGE			
6	AC006	FIXING BOLT			
7	AC007	FIXING BOLT			
8	AC008	FIXING DEICE			
9	AC009	FIXING BOLT			
10	AC010	FIXING DEVICE			
11	AC011	FIXING BOLT			
12	AC012	MOTOR LAMPS			
13	AC013	EMERGENCY SWITCH			
14	AC014	FIXING BOLT			
15	AC015	FRONT RIGHT COVER			
16	AC016	PLATE SAFETY DEVICE			
17	AC017	FRONT LEFT COVER			
18	AC018	MAIN BASE			
19	AC019	FIXING BOLT			
20	AC020	BODY			
21	AC021	NUT			
22	AC022	RUBBER STAND			
23	AC023	FIXING BOLT			
24	AC024	FIXING BOLT			
25	AC025	BOTTOM COVER			
26	AC026	LEVER BOX			
27	AC027	AIR NIPPLE			
28	AC028	AIR HOSE MOUTH SPRING			
29	AC029	AIR HOSE			
30	AC030	AIR HOSE			
31	AC031	AIR FILTER			
32	AC032	FIXING BOLT			

BASE PLATE



Luiz

NO.	PARTS NO.	NAME OF PARTS	NO.	PARTS NO.	NAME OF PARTS
1	BP001	FIXING BOLT			
2	BP002	AIR NIPPLE			
3	BP003	AIR NIPPLE			
4	BP004	HOSE			
5	BP005	FIXING BOLT			
6	BP006	PCB BOARD BASE			
7	BP007	PILLAR			
8	BP008	FIXING BOLT			
9	BP009	GEAR BOX			
10	BP010	MAIN BASE			