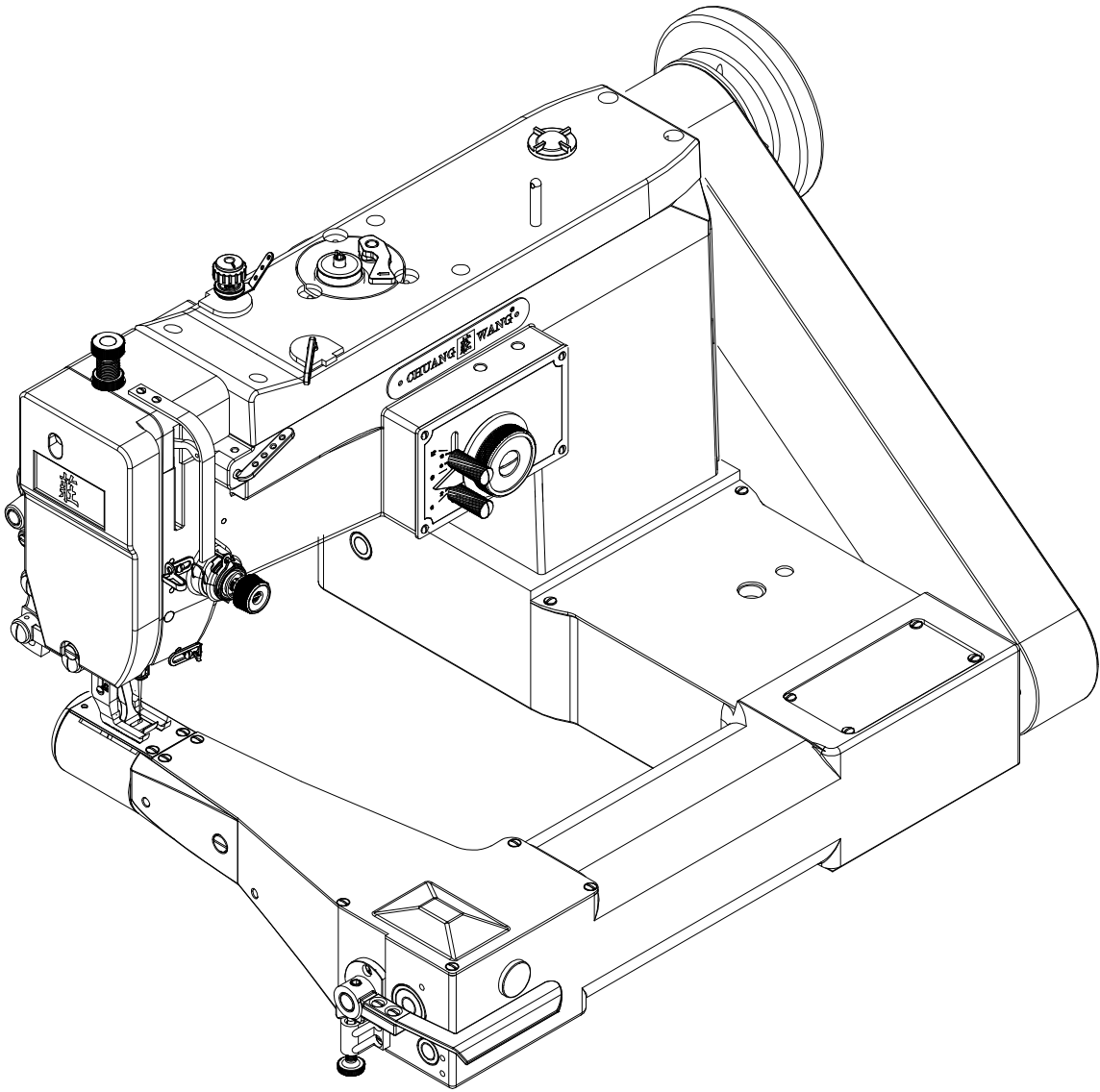


CHUANG  WANG<sup>®</sup>

CW-7205-N

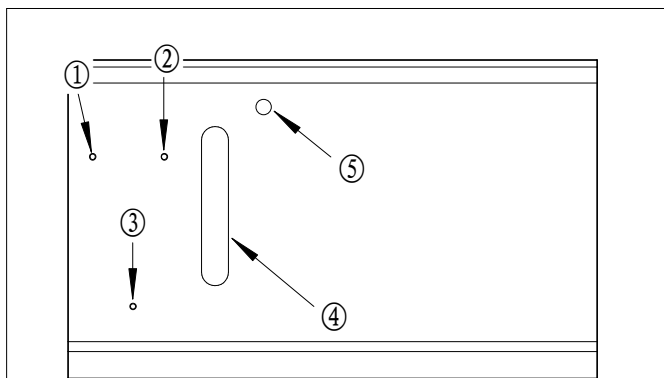
使用说明书  
INSTRUCTION MANUAL



注意： 为了安全地使用，请您在使用之前一定阅读本使用说明书。  
另外，请您注意保管本使用说明书，以便随时查阅。

NOTE: Read safety instructions carefully and understand them before using.  
Retain this Instruction Manual for future reference.

## 1. 缝纫机的安装/INSTALLATION



1、①~③缝纫机固定位;

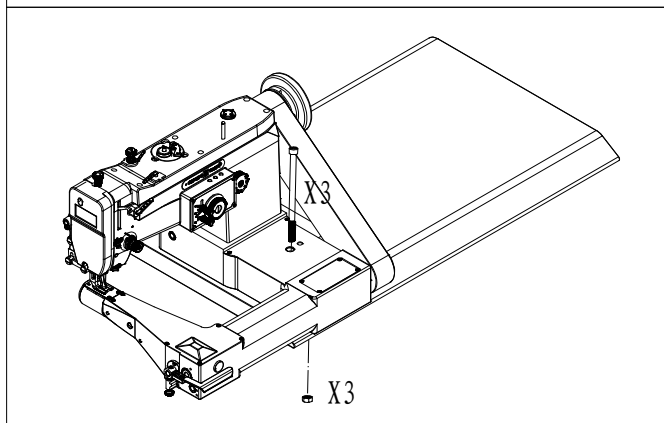
④V型皮带槽;

⑤线架安装孔。

Fixing the machine onto position ①~③;

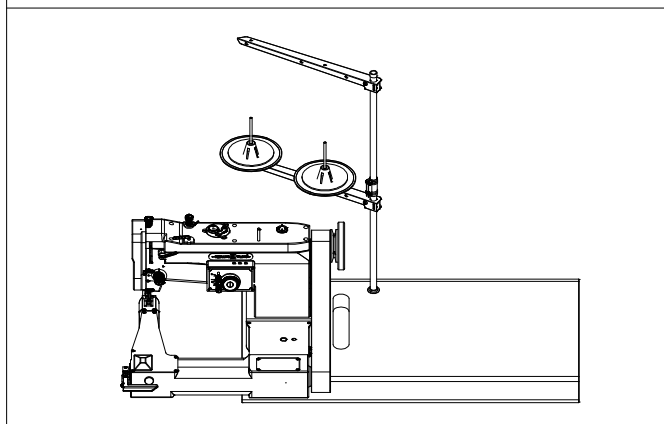
④is slot for belt;

⑤is thread rack hole.



2、缝纫机附件箱配有3棵螺丝 (M8x1.25) 与螺母, 用来固定缝纫机放车板上; 在螺丝尚未完全固定时, 必须特别注意缝纫机的重心与平稳度, 避免缝纫机因为倾倒所造成人员的伤害与缝

In accessories pack, have 3 pairs of M8x1.25 screws to fix the machine onto sewing table; Watch out the steadiness of the machine during the fixing, so to avoid any personal injury or damage of machine caused by the unsteadiness.



3、(一)左图为安装参考示意图。(二)在一切安装以完成时, 请在次检查一次, 是否有摇晃; 螺丝松动之情形, 以免日后影音操作人员人身安全与缝纫机的性能。

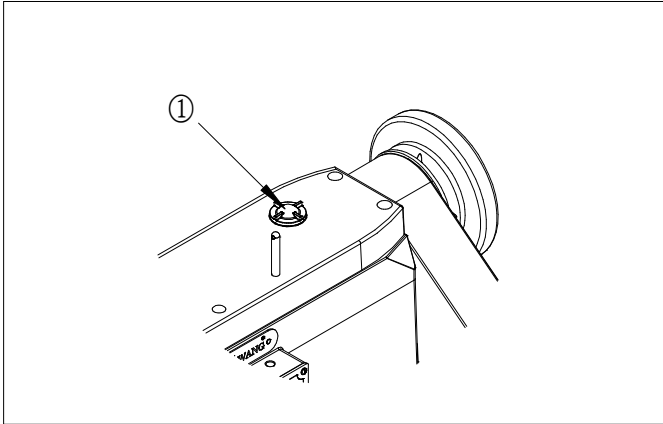
(一)see left sketch for installation instruction;

(二)check again the machine sleadiness when complete installation. Also check all screws to make sure they are well fixed, so the machine can be used safely with all capabilities.

## 2. 规格/SPECIFICATIONS

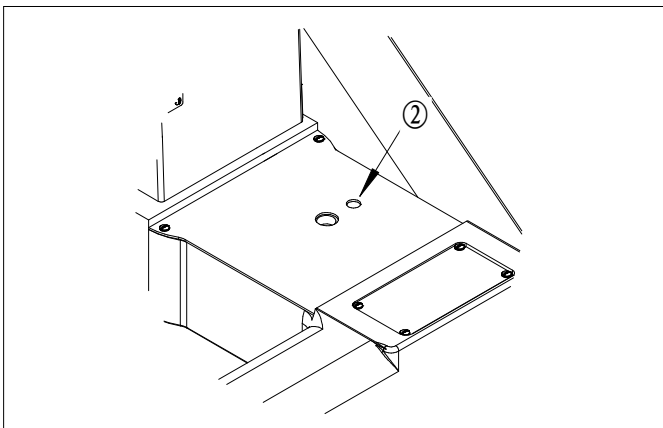
最高缝速 MAX.SPEED (S.P.M)	最大摆针 MAX.BIGHT	最长针距 MAX.STITCH LENGTH	圆管直径 CYLINDER DIA	圆管长度 CYLINDER LENGTH	缝纫图示 STITCH PATTERN	直线缝最大缝目 MAX.STITCH LENGTH FOR STRAIGHT STITCHING
2000 S.P.M	12.0 mm (15/32")	1.3 mm (20 spi)	50 mm	230 mm		6mm

### 3. 加油/LUBRICATION

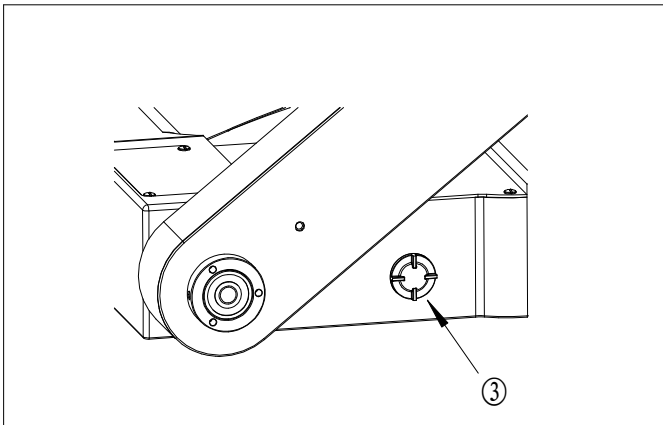


1、 I 图①为打油器送油观查点；  
 II 在整机开始连作后，经由目视；油料有进入此观查点；即可透过内部油管线路达到整机内部零件自动润滑的效果。

I ① is oil check window;  
 II Oil streaming for lubrication purpose can be seen through the clear oil check window.



2、 图②为油槽加油孔。  
 ② is oil slot hole.



3、 I 图③为油槽油量观查点；  
 II 每次加油时，请油图②所示加入；  
 III 每次加入的油量，请勿超出视窗的1/2。  
 2. I ③ is oil check window;  
 II pour oil from the oil slot hole  
 III oil amount replenished cannot over half of the window.



**注意**

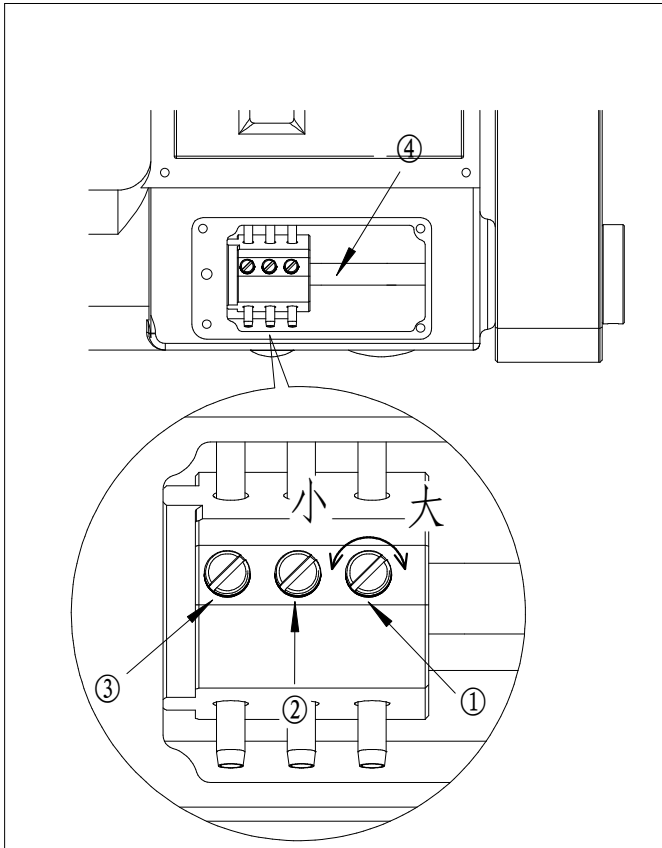
请每日检查油量，避免缝机因油量不足，没法自动加油润滑而造成各部位零组件损；坏故障与缝纫机运作的性能。



Caution

checking oil amount everyday, make sure to have sufficient oil to avoid parts damage and malfunctin of the machine caused by lack lubrication.

## 4. 油量的调整/Adjust of oil regulate



1、调整螺丝①、②、③，从图上所示的位置向逆时针方向转动，油量最小。

2、从图上所示的位置向顺时针方向转动，长轴运转④时，油量最大。

3、请先用手转动皮带轮，确认图④长轴不会因为调节压力过大，而造成长轴连转卡死。

4、用油量调整后，请进行30秒左右的运转，按照箭头方向确认油量。

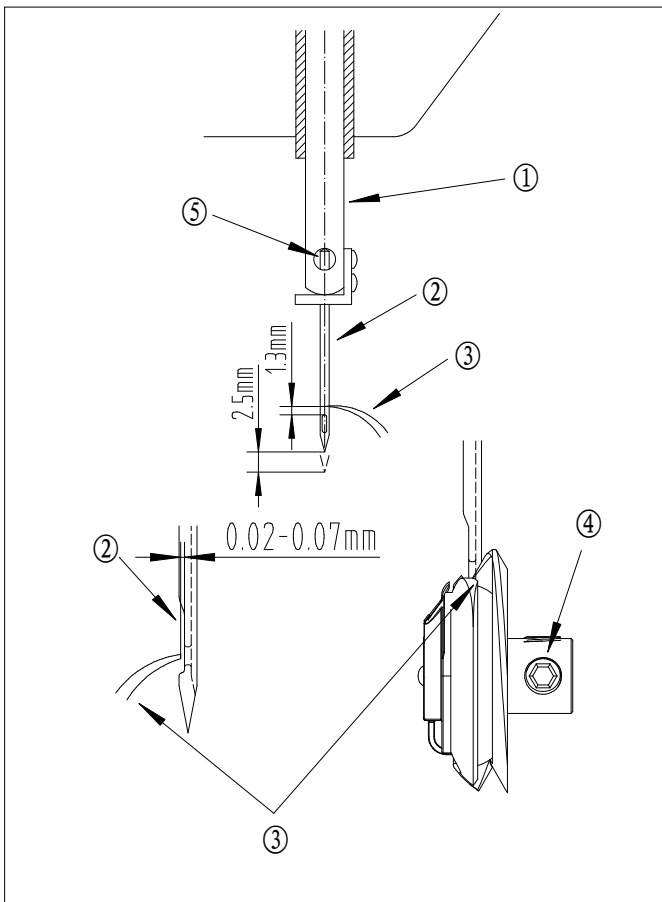
1、 Counterclockwise turn from position①、②&③ for the minimum oil amount.

2、 Clokwise turn for the maximum oil amount.

3、 Rotating the belt by hand to make sure④bar doesn't get stuck due to overadjustment.

4、 After adjust of oil regulate,to do a 30 seconds operation test to make sure a proper oil regulate.

## 5. 机针和旋梭的关系/NEEDLE-TO-HOOK RELATIONSHIP



1、针杆上升时，趟针杆金属部件①对准针杆的上碰面到位⑤（用DPx17）

2、把旋梭尖③和机针②的中心调整得基本一致，把机针②和旋梭尖③的间隙调整为0.02~0.07mm，然后拧紧旋梭固定螺丝④。

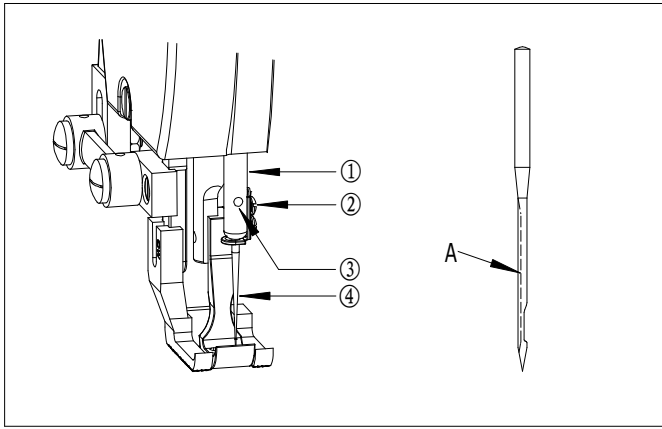
3、调整旋梭时，请卸下针板拧松旋梭固定螺丝④然后进行调整。

1、 When lifting the needle bar from its lowest position to position ⑤ (use DPx17)

2、 ③,the hook point of the bobbin,should align with the center line of the needle ②.the clearance (distance)between the bottom of the needle notch and the hook point should be 0.02-0.07mm. And then tighten the screws to fix.

3、 When adjust the hook,should take off the needle plate by loosening ④ screw.

## 6. 机针的安装/ATTACHING THE NEEDLE



标准机针是schmetz DPx17, size 100/16.

- ①移动针柱至最高点;
  - ②松开螺丝;
  - ③插入机针, 锁紧螺丝;
  - ④机针的长槽。
- A转到横向前面。

The standard needle is schmetz DPx17 size100/16.

- ①Move needle bar to highest point;
  - ②Loosen screw;
  - ③Insert needle up as far as possible and tighten screw;
  - ④Long groove.
- A in needle faces exactly to the front.



**注意**

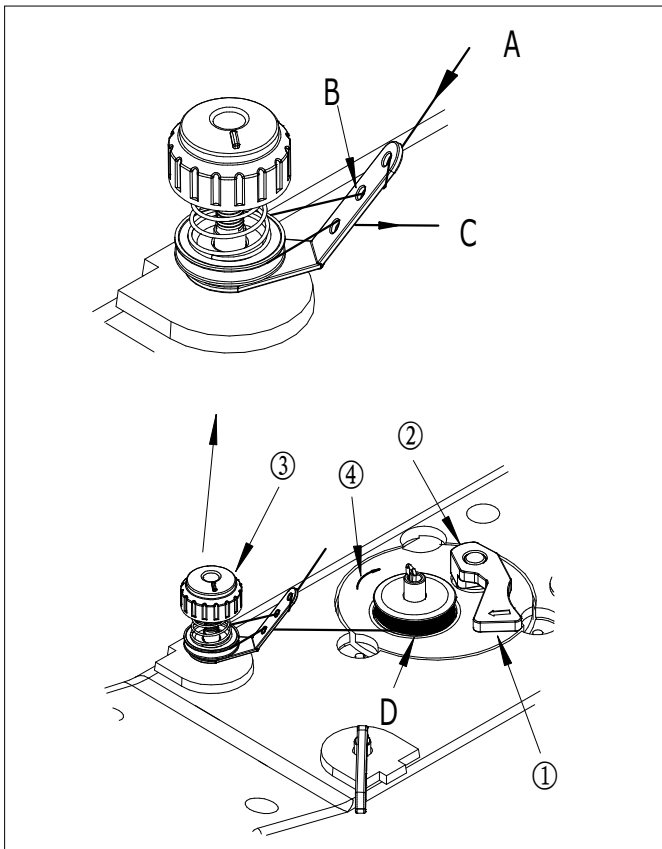
为了防止突然启动造成人身事故, 请关掉电源, 确认马达确实停止转动后再进行。



WARNING:

To avoid possible personal injury due to abrupt start of the machine, turn off the power to machine and check to be sure that the motor has totally stopped rotating in prior.

## 7. 梭线的绕线方法/WINDING A BOBBIN



1、按照A、B、C、D的顺序穿线, 然后在梭芯上绕数圈线。

2、绕线器轴心旋轴之方向以④所示方向。

3、放倒梭芯箭头方向轻推把手①, 让转紧线轴调整梭心内之线量时, 首先松开把手①上之止付螺丝然后移动把手, 调整完成后再锁紧止付螺丝②, 使用螺帽③去调整梭心绕线之张力。

1、Route the thread in the order of A、B、C and D, and then wind it round the bobbin several times.

2、Bobbin winder spindle rotates in the direction of arrow ④.

3、Push lever ① in the direction of arrow to wind the bobbin. To adjust amount of thread on bobbin, loosen set screw ② in lever ① and move lever ①, as required. Securely tighten set screw ②. Adjust the thumb nut ③ to regulate the tension for bobbin winding.



**注意**

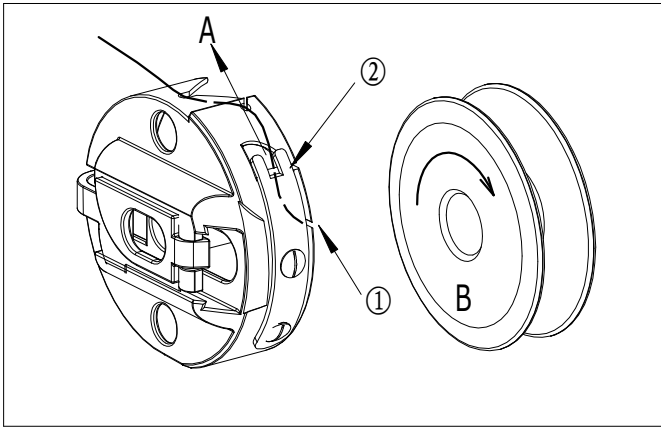
让缝纫机空转时, 有可能机线空绕而卷不到旋锁上, 因此请卸下梭壳和梭芯。



**Caution**

When making the sewing machine run idle, remove the bobbin case and the bobbin since there is the possibility that thread is entangled in the hook.

## 8. 底线的穿线方法 / THREADING THE BOBBIN CASE



- 1、梭壳的装卸  
扳起梭壳的卡头，进行安装和拆卸。
- 2、底线的穿过方法  
把线穿过梭壳的穿线口①，然后从线张力弹簧②的下面穿过。

- 1、 Removing the bobbin case  
Raise the bobbin case latch to remove the bobbin case.

- 2、 Threading the bobbin case

Pass the thread through threading slit ① in the bobbin case, and route it under tension spring ②.



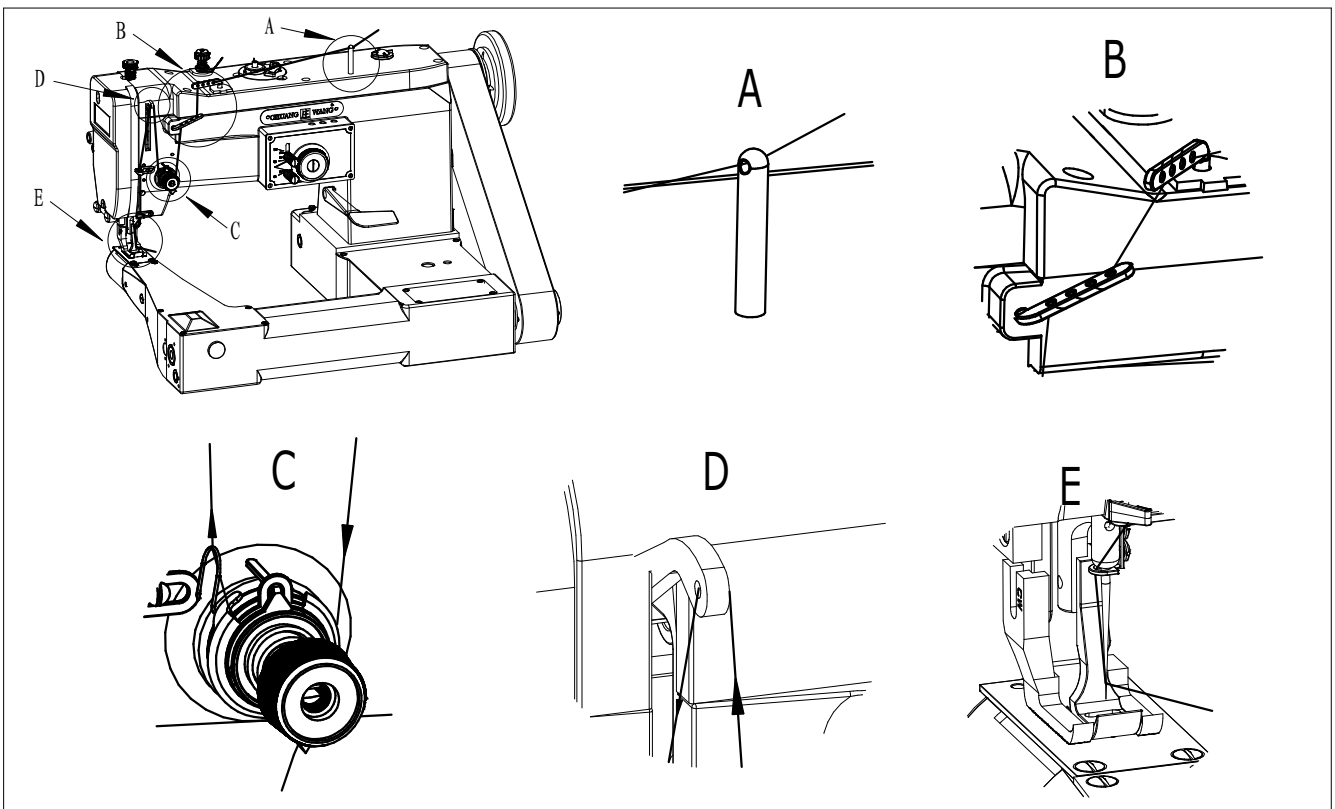
往梭壳安装梭芯时，请注意线的卷绕方向。

(如果把线朝箭头A的方向拉之后，梭芯向箭头B方向转动的话，则插入方法正确。)



Place the bobbin in the bobbin case taking care of the winding direction of the thread. (The bobbin should turn in the direction of arrow B when the thread is pulled in the direction of arrow A.)

## 9. 上线的穿线方法 / THREAD THE MACHINE HEAD



- 1、请如图所示那样穿上线，将缝线顺序穿入A, B, C, D, E。

- 1、 Threading the thread according the sequence of A,B,C,D,E.



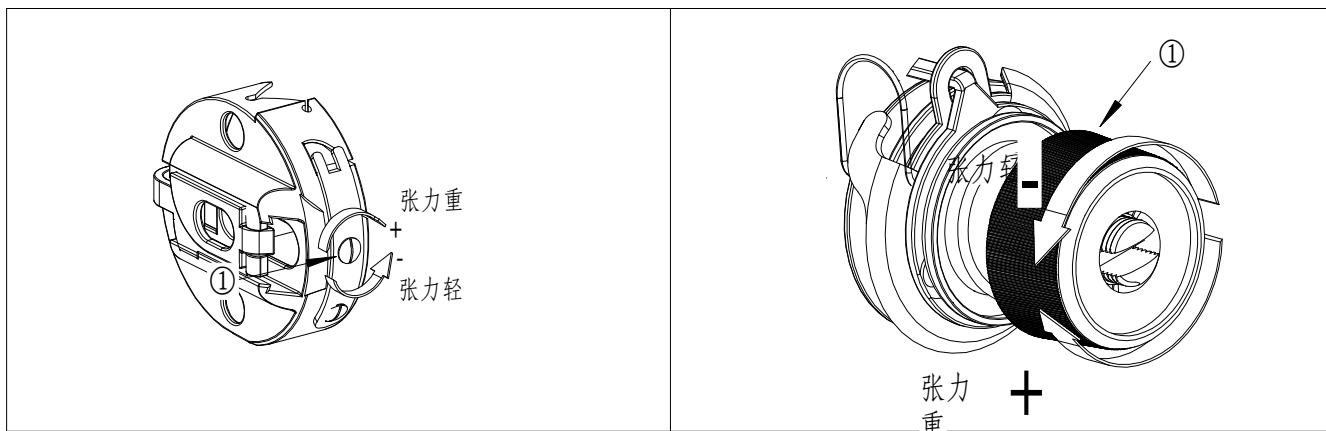
为了防止突然启动造成人身事故，请关掉电源，确认马达确实停止转动后再进行。



WARNING:

To avoid possible personal injury due to abrupt start of the machine, turn off the power to machine and check to be sure that the motor has totally stopped rotating in prior.

## 10. 线张力/THREAD TENSION



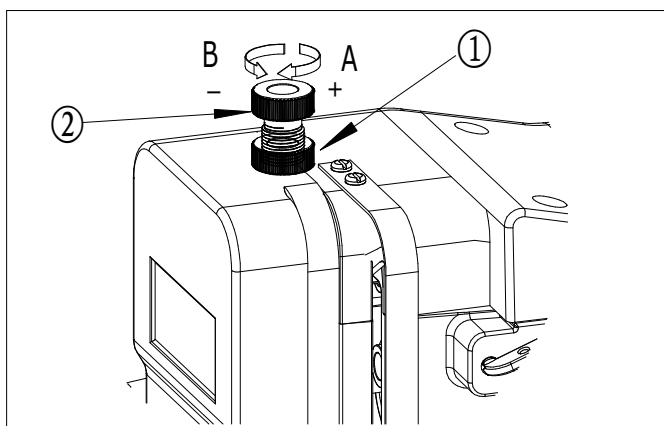
1、底线的张力调整，图表示螺丝①左右转动来决定张力轻重。

1、 Tension on threads should be as light as possible, while still sufficient to set stitch correctly in material.

1、使用螺母①来调整张力弹簧。

1、 Regulate needle thread tension with tension regulating thumb nut ① as shown in diagram.

## 11. 压脚压力的调整/PRESSER FOOT PRESSURE



1、请先松开①固定螺帽。

2、只要向A或向B旋转螺栓②即可调整压脚之压力。

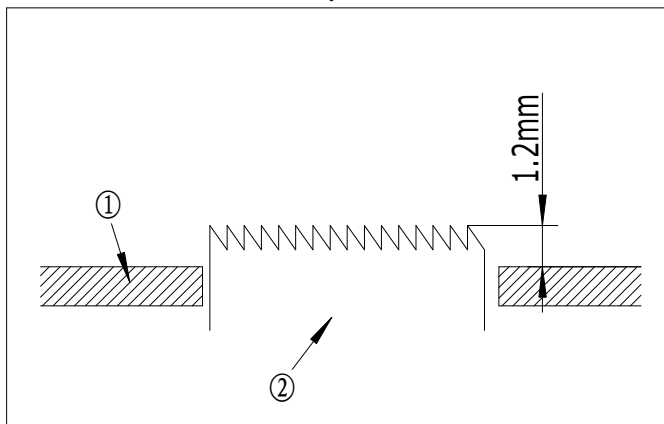
3、在缝纫物上之压力尽可能保持轻一点，以足够让传送正确即可。

1、 Loosen fixed screw nut ①.

2、 To regulate the presser foot pressure, turn knurled thumb screw ②, toward A or B are required.

3、 The pressure on the material should be as possible, while still sufficient to ensure correct feeding.

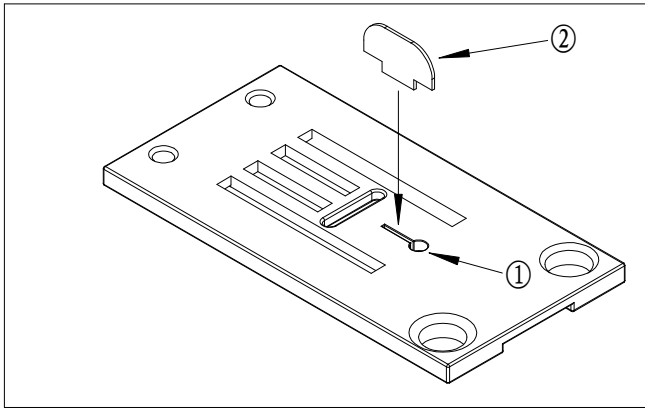
## 12. 送布牙的高度/HEIGHT OF THE FEED DOG



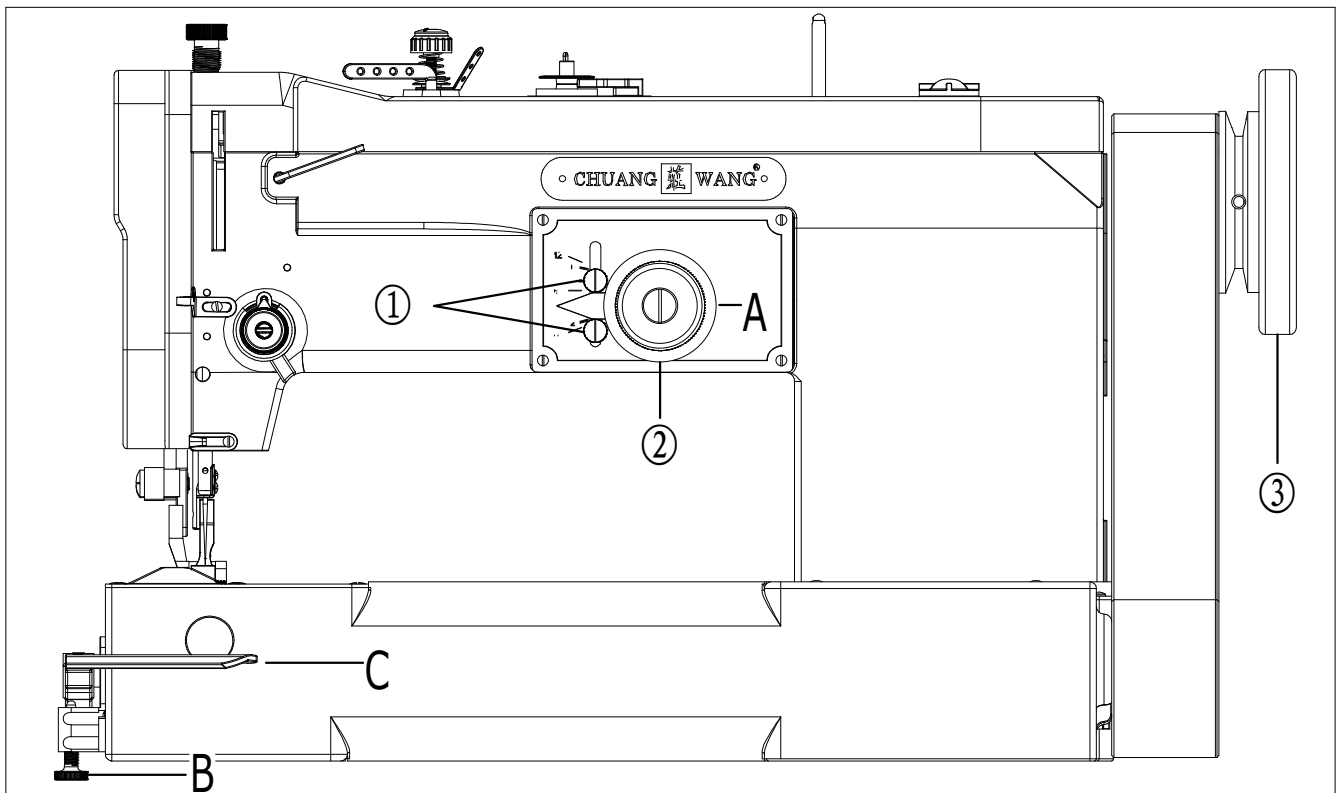
1、请把距离送布牙②的针板①的突出量调整到1.2mm。

1、 Feed dog ② is factory-adjusted to jut out 1.2 mm from the surface of throat plate ①.

## 13. 两用针板/DUAL PURPOSE NEEDLE PLATE



- 1、此针板具有两种车缝规格一般平缝与并缝，可依实际须要进行拆换。
  - 2、每次拆换图②时，请先关闭电源，在将押脚抬高，即可换装。
  - 3、在用放一般平缝时，请将图②取出
  - 4、在用放并缝时，请将图②插入图①位置即可。
1. Applied to regular stitching/seam stitching.
  2. Turn off the power, raise the hand lifter to change ② plate.
  3. Take off ② plate for regular stitching
  4. insert ② plate for seam stitching.



## 14. 针距调整/REGULATING THE STITCHLENGTH

1. 图示A来进行调整，请先用螺丝刀松开固定螺丝①；
  2. 由转盘指针②，依所要的针距来进行刻度调整；
  3. 数字越大，针距越大；数字越小，针距越小；
  4. 调整完毕之后，在用螺丝刀拧紧固定螺丝①；
  5. 请先用手转动皮带轮③，确认针距不会因针距过大，而造成组件的损坏
1. Loosen ① screws;
  2. Adjust dial A for stitchlength regulating;
  3. Big numbers for bigger stitchlength, smaller stitchlength;
  4. Tighten ① screws after regulating.
  5. Turn ③ wheel belt by hand to make sure a proper stitchlength.

## 15. 针幅调整/SELECTING THE NEEDLE POSITION

1. 由图示B进行调整；
  2. 数字盘往逆时钟方向转动，则针幅越大，即所谓的粗针；
  3. 数字盘往顺时针方向转动，则针幅越小，即所谓的细针；
1. Adjust dial "B" for needle range selecting.
  2. Counterclockwise(left)turn bigger needle range.
  3. Clockwise(right)turn for smaller needle range (Reverse & Forth Feed)

## 16. 前进与倒退缝目/Reverse & Forth Feed

1. 当需要改变后送时快速压下倒退把手C点；
  2. 至最底点，并压住此把手；
  3. 直到后送完毕，当放开把手后，缝机将回复前送的运作。
1. Depress the reverse Handle "C" to the bottom and hold on for reverse feeding .
  2. Release the reverse handle then become forth feeding.





Trouble	Cause	Corrective measure
1.Stitch skipping	①The machine head has not been properly threaded. ②The hook has scratches. ③The timing between the needle and hook is too early or too late. ④the clearance between the needle and the hook point is too large. ⑤The pressure of the presser foot is too low. ⑥The needle number selected is improper.	1.Refer to (7.Threading the machine heads). 2.Remove the scratches on the hook point using a fine emery paper. 3.Refer to (5.Needle-to-hook relationship). 4.Refer to (5.Needle-to-hook relationship). 5.Tighten the pressure regulator. 6.Replace the needle with one which is one count thicker.
2.Thread breakage	①The hook has scratches. ②The returning force of the thread take-up spring is insufficient. ③The timing between the needle and hook is too early or too late. ④The needle thread tension is excessive. ⑤The needle comes in contact with the hook point. ⑥The clearance between the needle and the hook point is too large.	1.Remove the scratches on the hook point using a fine emery paper. 2.Decrease the tension and increase the stroke of the thread take-up spring. 3.Refer to (5.Needle-to-hook relationship). 4.Adjust the needle thread tension properly. 5.Refer to (5.Needle-to-hook relationship) 6.Refer to (5.Needle-to-hook relationship)
3.Loose stitches(Isolated idling loops)	①The thread has not been passed through the notch of the bobbin case tension spring. ②The thread path is poorly finished. ③The the bobbin does not rotate is too high. ④The bobbin thread tension is too high. ⑤The bobbin thread tension is too low. ⑥An untwisted synthetic thread is used. ⑦Selection of needle size.	1.Properly thread the bobbin case. 2.Grind it using a fine emery paper or buff it up. 3.Replace the bobbin or the bobbin case. 4.Decrease the bobbin thread tension. 5.Increase the bobbin thread tension. 6.Slightly lower the sewing speed. (1800 s.p.m) 7.Replace with a needle which is thicker by one.