

## 超高速包缝机 使用说明书

## X 系列

### 重要安全事项

1. 使用此缝纫机时，必须遵守包括如下项目的基安全措施。
2. 使用此缝纫机之前，请阅读本使用说明书在内的所有指示文件。同时应该将此使用说明书妥善保管，以便能够随时查阅。
3. 使用此缝纫机和缝纫机动作中，所有的安全装置应安装到规定的位置。没有安装规定的安全装置的缝纫机禁止使用。
4. 此缝纫机应由接受过培训的操作人员来操作。
5. 使用缝纫机时，建议戴安全防护眼镜。
6. 发生下列情况时，应立即关闭电源开关，或按下电源线插头。
  - 6-1. 机针、弯针、分离器弯针和更换旋梭时。
  - 6-2. 更换机针、压脚、针板、弯针、分离器、送布牙、护针器、支架、布导向器等时。
  - 6-3. 修理时。
  - 6-4. 工作场所无人了或离开工作场所时。
7. 缝纫机以及附属装置使用的机油、润滑脂等液体流入眼睛或沾到皮肤上时，或被误饮时，应立即清洗有关部分并去医院治疗。
8. 禁止用手触摸打开了缝纫机开关通电的零件或装置。
9. 有关缝纫机的修理、改造、调整应由受过专门训练的技术人员或专家来进行。
10. 一般的维修保养应由受过训练的人员来进行。
11. 有关缝纫机的电路方面的修理、维修应有资格的电器技术人员或专家的监督和指挥下进行。
12. 修理、保管有关空气、汽缸等压缩空气的零件时，应切断空气压缩机供气源后再进行。
13. 缝纫机的使用期间应定期进行清扫。
14. 为了正常安全运转，应安装地线。同时应在不受高频焊接机等强噪音源影响的环境下使用。
15. 电源插头应用具有电器专门知识的人来安装。电源插头必须连接到接地插座上。
16. 缝纫机指定用途以外不能使用。
17. 对缝纫机的改造、变更应符合安全规格，并采取有效的安全措施。另外，对于有关改造和变更，本公司概不负责。

### SAFETY ENSURENC

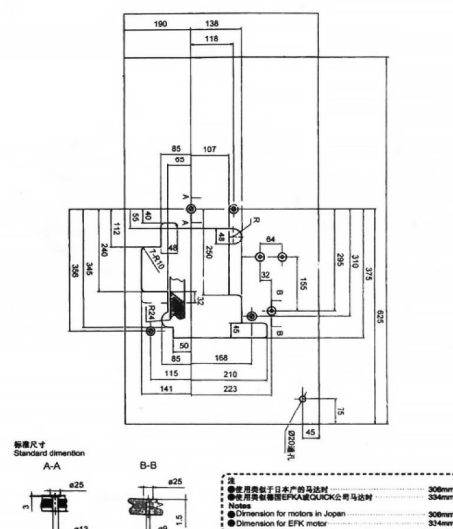
- 1 When using the machine, please strictly observe the safety measures as the following items.
- 2 Before using the machine, please read all instructions contained in the instruction manual. Please take care of the manual for handle consult.
- 3 When using the machine, make sure that all the safety devices are installed to the required location. Forbid to use the machine if the safety devices are not in the right position.
- 4 The machine shall be operated by the trained operator.
- 5 When using the machine, safety glasses are recommended.
- 6 Please turn off the power or unplug the power plug when the following cases happen.
  - 6-1 When threading the stitch, double stitch, segregator and replacing bobbin.
  - 6-2 When changing replacing the stitch, the presser foot, the throat plate, bend stitch, the feed dog, the stitch guard, the folder and the cloth guider.
  - 6-3 Repairing work.
  - 6-4 Nobody in the working place or leaving the working place.
- 7 The oil, lubrication used in the machine and the peripheral device flow in eyes or skin, or drinking mistakenly, please wash the correlation parts and go to hospital.
- 8 Prohibit to touch the power on/off accessory and devices of the machine with oil hand.
- 9 The repair, alteration, adjustment about the machine should be carried out by professional staff.
- 10 General repair and maintenance of the machine should be carried out by trained staff.
- 11 Repair and maintenance about electrical aspects of the machine should be done by professional staff or experts.
- 12 When repairing, preserving the accessory about the air, compressed air cylinder, the air compressor to supply source should be cut off.
- 13 The sewing machines should be regular cleaned while using.
- 14 The machine should be connected to ground wire for safe operation. It should be used against strong noise such as high-frequency welding machine.
- 15 Electrical power plug should be installed by trained staff. Power plug must be connected to the ground.
- 16 Sewing machine can not be used other than the designated purpose.
- 17 Alteration and modification of the machine should be accorded to safety requirements and effective safety measures should be taken. In addition, we assume no responsibility for alteration and modification.

-1-

### 台板加工图

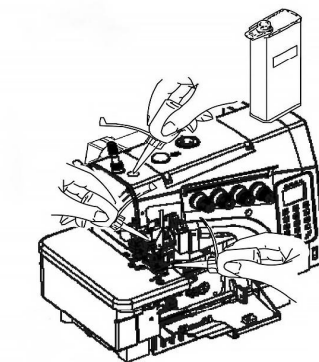
### Schematic diagram of the machine table

请参照下图进行台板的加工。 Cut the table referring to the diagram.



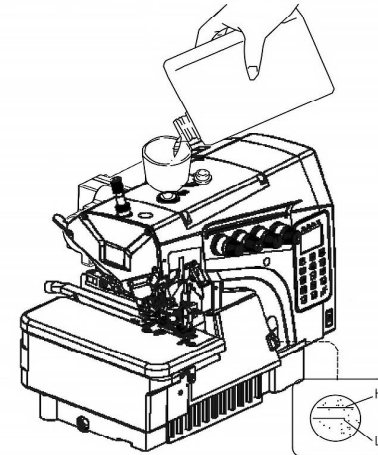
### 手动供油 Manual lubrication

手动给油是在缝纫机最初开始使用时，或长时间一段时间没使用时，请供给2-3滴油。  
Apply 2 or 3 drops of oil by hand when the machine is used for the first time or has been left unused for some time.



### 给油 Lubrication

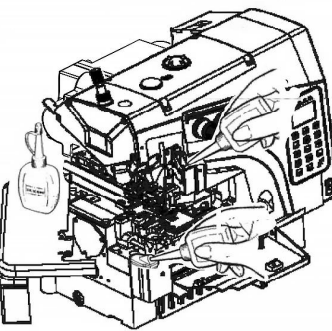
加油量是使油面处于H线与L线之间为好。当油面低于L线时，就要及时补充机油。  
After filling the oil pan, the top of the indicator should lie between (H) and (L) line.  
Add oil, when the oil level indicator reaches or goes below (L).



### 给HR装置供油

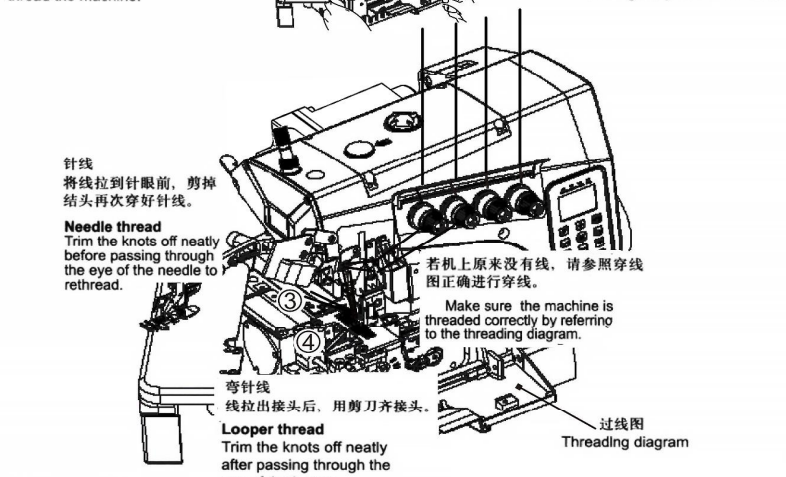
### Filling the HR device with silicon oil

注：关于购买硅油，请向代理店或与本公司营业部联系。  
Fill the HR device with oil before it is too low in order to prevent needle thread breakage and fabric damage.  
Note: Use Pegasus recommended silicon oil. [UNION CARBIDE CORPORATION] UCC L-45(10)



### 穿线的方法 Threading

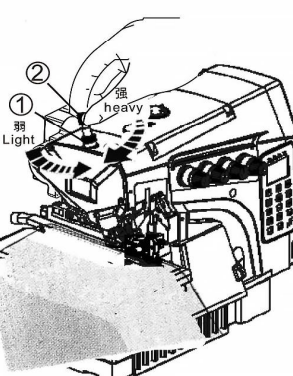
把机上原有的线与缝绉用线绑在一起。 ① Knot the preset thread and the thread being used together to thread the machine.



### 压脚压力的调节

### Adjusting the presser foot pressure

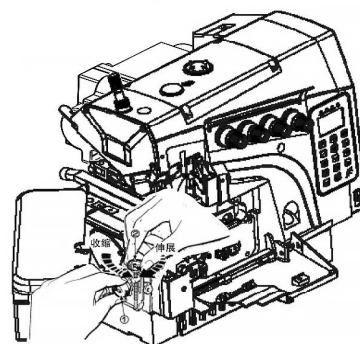
压脚压力的调节，松动螺母①，调节螺母②。在这布得到稳定状态下尽可能使用较弱的压力为好。  
Loosen adjusting nut ① and turn adjusting nut ② to adjust the presser foot pressure. It should be as light as possible, yet be sufficient to obtain the proper stitch formation.



### 差动比的调节

### Adjusting the diff. feed ratio

差动比的调节松开螺母①调节螺母②。Loosen the adjusting nut ① and turn the adjusting nut ② to adjust the differential feed ratio

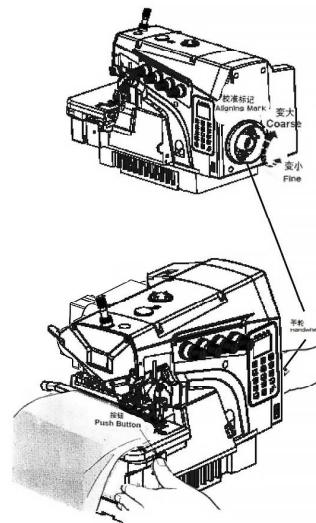


-3-

### 针脚长度的调节

### Adjusting the stitch length

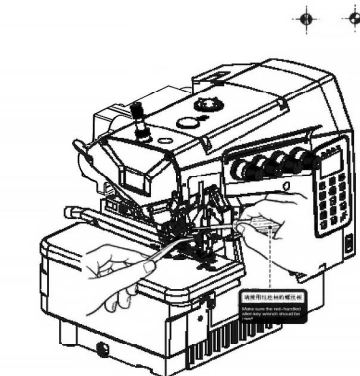
1. 摁住按钮，旋转手轮，按钮会略进更深处。
  2. 这时边摁住按钮，边转动手轮，使校准标记号对准所希望的数值。
- ① While pressing the push button, turn the hand-wheel to seek the position at which the push button goes further into the depth.  
② Then, keeping the push button pressed, turn the handwheel and set the desired scale to the aligning mark.
- 注：针脚长度的调节务必请在调节差动比之后进行。  
Note: Stitch length adjustment must only be made after the differential feed ratio has been changed.



### 换针 Replacing the needle

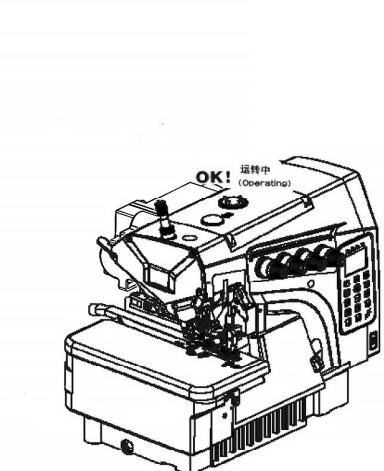
准确辨认针的前后，请将针凹向后方，即背向操作者进行安装。  
针要牢固的插到孔的最深处。

- \* Check the needle carefully to see that the scarf is turned to the rear of the machine.
  - \* Insert the needle to the proper depth, and fasten securely.
- 标准使用针：风号DCX27  
Standard needle: Organ DCX27



### 检查机油的循环

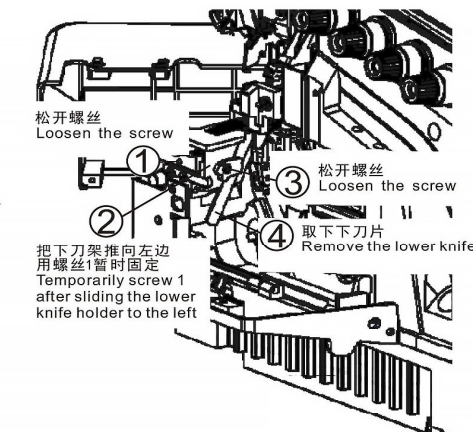
### Checking the oil circulation



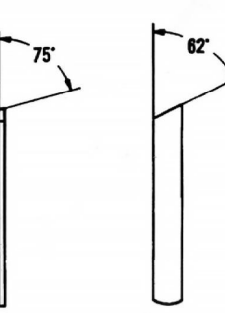
### 下刀片的更换

### Replacing the lower knife

卸下下刀片  
To remove the lower knife



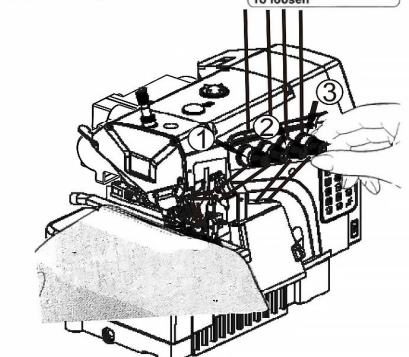
下刀片正确的研磨角度  
Correct angles to resharpen the lower knife



### 线状态的调节

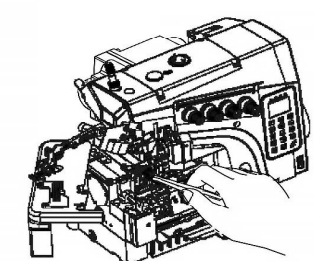
### Adjusting the thread tension

线张力状态的调节，请用针线调节旋钮①、上弯针线调节旋钮②、弯针线调节旋钮③来进行调节。  
Make tension adjustments with the needle thread knob ①, the upper looper knob ②, and the lower looper knob ③.



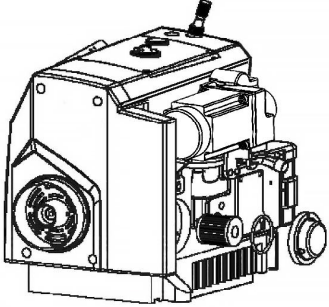
### 缝纫机的清扫 Cleaning the machine

缝纫机的清扫，以针板槽及送布牙周围为主。Mainly the slots of the needle plate and the feed rows should be cleaned.



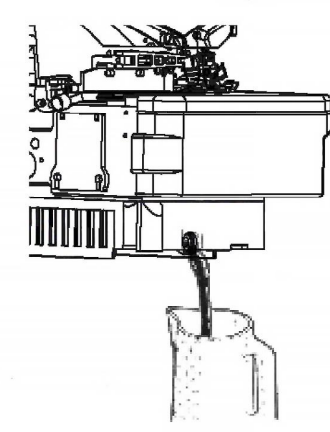
### 检查油质量，更换油

检查油质量，更换油。机油每6个月检查并更换。Check and replace the oil filter every six months.



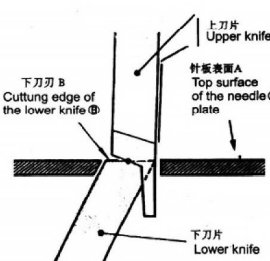
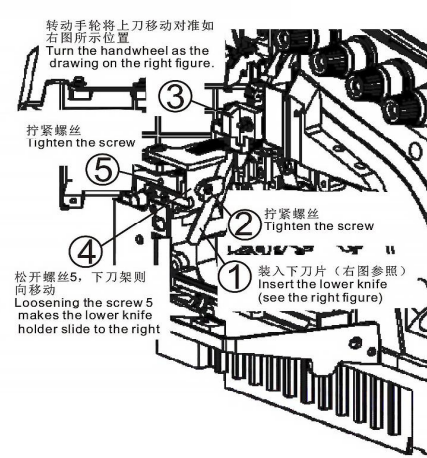
### 换机油 Replacing the oil

机油的更换，请在使用开始1个月后更换一次，然后，每6个月更换一次。供油请参见第2页。  
Replacing the oil one month after the first use and every six months thereafter (See p.2).



### 安装下刀片

### To replace the lower knife



使针板表面A与下刀片处于相同水平位置。  
Level of [A] = Level of [B]  
装好下刀片后进行穿线，确认剪切状况。  
Check cutting action of knife

## MAQI 美机科技集团有限公司

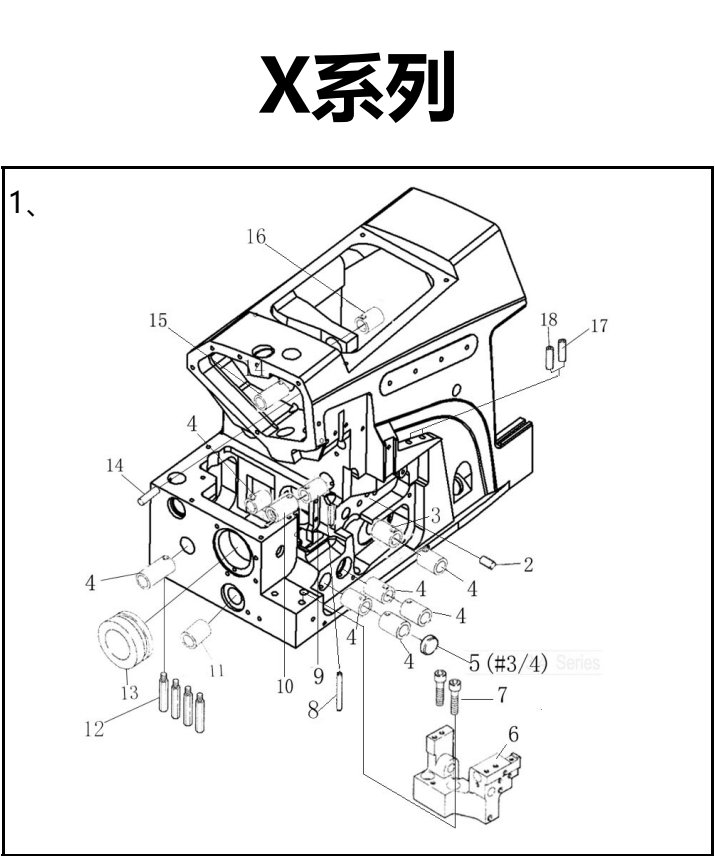
地址：中国浙江·台州·温岭·新河·锦绣路  
ADD: Jingxiu Rd, Xinh Town, Taizhou, Zhejiang, China  
电话：0576-86557127 传真：0576-86557198  
TEL: 0576-86557127 FAX: 0576-86557198  
Http://www.chinamaqi.com E-mail: maqi@vip.163.com

-4-

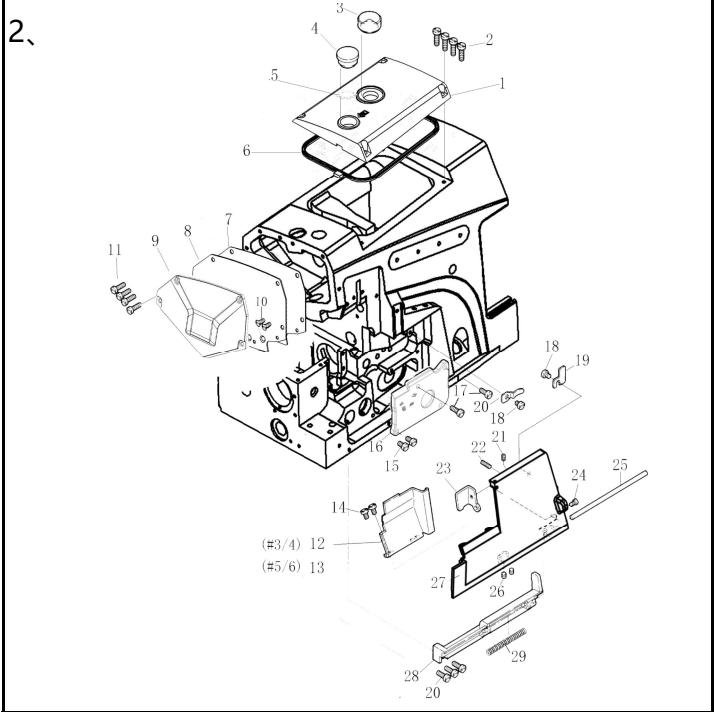
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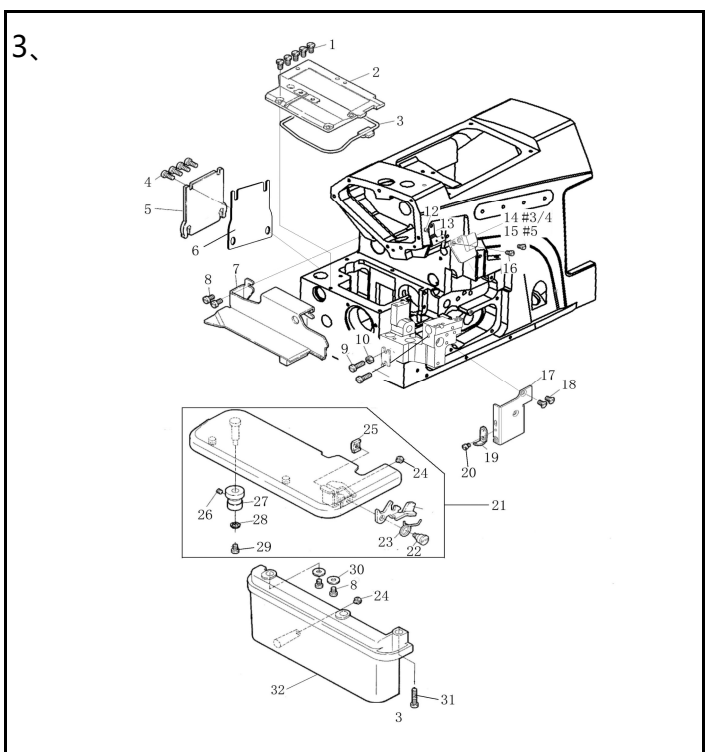


| 一、机壳部件/Machine Bed Frame |                |         |                   |  | 数量 (Number)  |             |             |
|--------------------------|----------------|---------|-------------------|--|--------------|-------------|-------------|
| 序号<br>NO.                | 品号<br>CODE     | 名称      | NAME              |  | 三线           | 四线          | 五线          |
|                          |                |         |                   |  | three-thread | four-thread | five-thread |
| 1                        | 035KX0101      | 机壳      | Machine Bed Frame |  | 1            | 1           | 1           |
| 2                        | BF889210182    | 厚料摇杆定位销 | Pin               |  | 1            | 1           | 1           |
| 3                        | BF8892704      | 上弯针轴后套  | Bushing           |  | 1            | 1           | 1           |
| 4                        | BF8892703      | 弯针、送布套  | Bushing           |  | 5            | 5           | 7           |
| 5                        | BF800208173    | 油封      | Plug              |  | 1            | 1           | 0           |
| 6                        | BF889270008-91 | 下刀座     | Bracket Assembly  |  | 1            | 1           | 1           |
| 7                        | BF8894511      | 螺钉M6×25 | Screw             |  | 2            | 2           | 2           |
| 8                        | BF889240299    | 切刀轴回油管  | Pin               |  | 1            | 1           | 1           |
| 9                        | BF8892706      | 上刀轴内套   | Bushing           |  | 1            | 1           | 1           |
| 10                       | BF8892705      | 上刀轴外套   | Bushing           |  | 1            | 1           | 1           |
| 11                       | BF8892707      | 差动轴套    | Bushing           |  | 1            | 1           | 1           |
| 12                       | BF800270047    | 支柱螺钉    | Screw             |  | 4            | 4           | 4           |
| 13                       | BF8892708      | 主抽套     | Bushing           |  | 1            | 1           | 1           |
| 14                       | BF800201002    | 销5×12   | Pin               |  | 1            | 1           | 1           |
| 15                       | BF8892701      | 上轴外套    | Bushing           |  | 1            | 1           | 1           |
| 16                       | BF8892702      | 上轴内套    | Bushing           |  | 1            | 1           | 1           |
| 17                       | BF889240325    | 过线管     | Pipe              |  | 1            | 1           | 1           |
| 18                       | BFX52403251    | 过线管     | Pipe              |  | 1            | 1           | 1           |

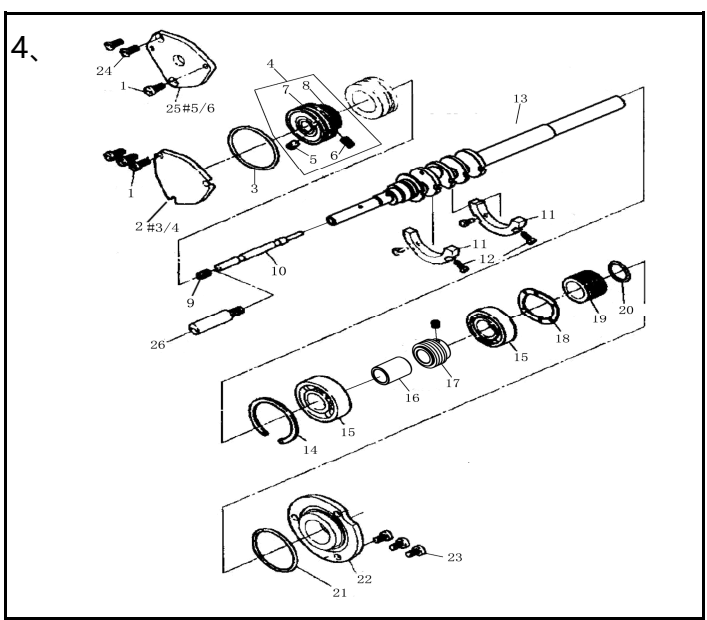


| 二、机壳机罩部件 (1)/Cover (1) |              |         |                    |  | 数量 (Number)  |             |             |
|------------------------|--------------|---------|--------------------|--|--------------|-------------|-------------|
| 序号<br>NO.              | 品号<br>CODE   | 名称      | NAME               |  | 三线           | 四线          | 五线          |
|                        |              |         |                    |  | three-thread | four-thread | five-thread |
| 1                      | KX0201       | 上盖(喷漆后) | Top Cover          |  | 1            | 1           | 1           |
| 2                      | BF310167022  | 螺钉      | Screw              |  | 4            | 4           | 4           |
| 3                      | PF5550824    | 油窗      | Oil sight window   |  | 1            | 1           | 1           |
| 4                      | BF889240310  | 橡皮塞     | Plug               |  | 1            | 1           | 1           |
| 5                      | BF889275541  | 过滤片     | Gasket             |  | 1            | 1           | 1           |
| 6                      | KX0226       | 上盖垫     | Gasket             |  | 1            | 1           | 1           |
| 7                      | BFX527008322 | 侧盖板垫    | Gasket             |  | 1            | 1           | 1           |
| 8                      | BFX527008312 | 侧盖板     | Gasket             |  | 1            | 1           | 1           |
| 9                      | KX02092      | 侧盖板罩    | Cover              |  | 1            | 1           | 1           |
| 10                     | BF310167043  | 螺钉M4X6  | Screw              |  | 2            | 2           | 2           |
| 11                     | BF370167082  | 螺钉M4X8  | Screw              |  | 4            | 4           | 4           |
| 12                     | BF889270012  | 左前板-四线  | Front Cover (left) |  | 1            | 1           | 0           |
| 13                     | BF889270013  | 左前板     | Front Cover (left) |  | 0            | 0           | 1           |
| 14                     | BF8007130    | 螺钉M4X7  | Screw              |  | 2            | 2           | 2           |
| 15                     | BF310167020  | 螺钉M4X10 | Screw              |  | 2            | 2           | 2           |
| 16                     | BF889270153  | 上弯针前盖板  | Side Cover         |  | 1            | 1           | 1           |
| 17                     | BF310167021  | 螺钉M4X12 | Screw              |  | 2            | 2           | 2           |

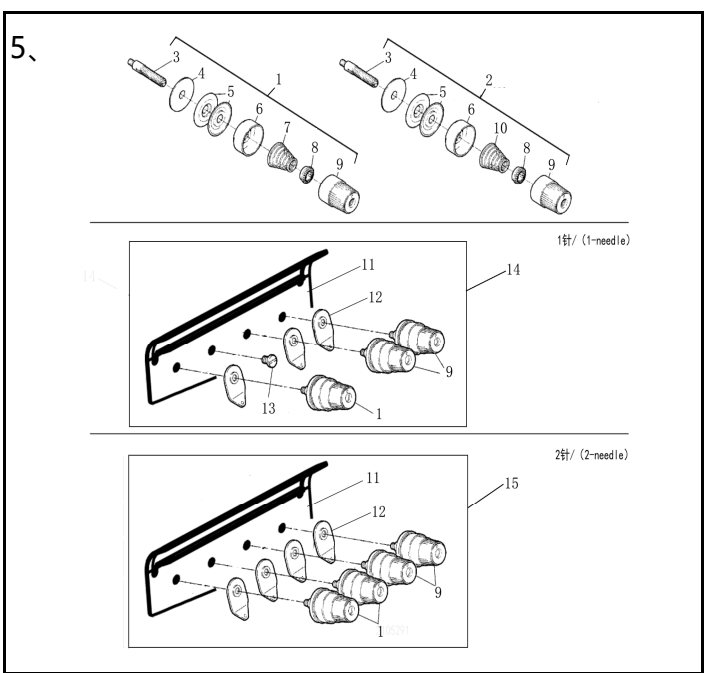
| 零件手册<br>Parts Manual |              |          |                     |  | 数量 (Number)  |             |             |
|----------------------|--------------|----------|---------------------|--|--------------|-------------|-------------|
| 序号<br>NO.            | 品号<br>CODE   | 名称       | NAME                |  | 三线           | 四线          | 五线          |
|                      |              |          |                     |  | three-thread | four-thread | five-thread |
| 18                   | BF8007018    | 螺钉M4X5   | Screw               |  | 2            | 2           | 2           |
| 19                   | BF889270017  | 锁紧板      | Latch               |  | 1            | 1           | 1           |
| 20                   | BF800210044  | 前盖板锁紧舌   | Flat Spring         |  | 1            | 1           | 1           |
| 21                   | BF310164535  | 螺钉M3X4   | Screw               |  | 1            | 1           | 1           |
| 22                   | BF8894574    | 螺钉M3X12  | Screw               |  | 1            | 1           | 1           |
| 23                   | BF889270018  | 锁紧板      | Latch               |  | 1            | 1           | 1           |
| 24                   | BF800240043  | 铰链销      | Pin                 |  | 1            | 1           | 1           |
| 25                   | BF310167011  | 螺钉M3X8   | Screw               |  | 1            | 1           | 1           |
| 26                   | BF310164543  | 螺钉M4X4   | Screw               |  | 2            | 2           | 2           |
| 27                   | BFX527001011 | 前门板(喷漆后) | Front Cover (right) |  | 1            | 1           | 1           |
| 28                   | BF889270014  | 铰链       | Hinge               |  | 1            | 1           | 1           |
| 29                   | BF800240301  | 弹簧       | Spring              |  | 1            | 1           | 1           |



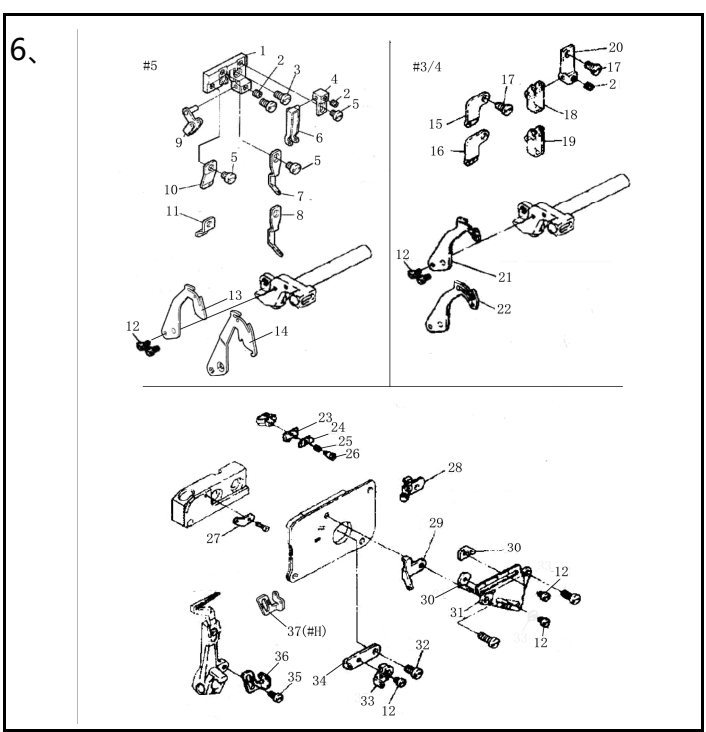
| 三、机壳机罩部件 (2)/Cover (2) |                   |              |                   |  | 数量 (Number)  |             |             |
|------------------------|-------------------|--------------|-------------------|--|--------------|-------------|-------------|
| 序号<br>NO.              | 品号<br>CODE        | 名称           | NAME              |  | 三线           | 四线          | 五线          |
|                        |                   |              |                   |  | three-thread | four-thread | five-thread |
| 1                      | BF310167084       | 螺钉M4X8       | Screw             |  | 5            | 5           | 5           |
| 2                      | BF889270177       | 左上盖          | Bed Cover Plate A |  | 1            | 1           | 1           |
| 3                      | BF889270023       | 密封垫          | Gasket            |  | 1            | 1           | 1           |
| 4                      | BF310167020       | 螺钉M4X10      | Screw             |  | 4            | 4           | 4           |
| 5                      | BFX5270026B       | 后窗板          | Cover Plate       |  | 1            | 1           | 1           |
| 6                      | BFX5270026C       | 后窗板垫         | Gasket            |  | 1            | 1           | 1           |
| 7                      | BF889270019       | 布料挡板         | Fabric Guide      |  | 1            | 1           | 1           |
| 8                      | BF8007019         | 螺钉M4X8       | Screw             |  | 2            | 2           | 2           |
| 9                      | BF310167023       | 螺钉M4×16      | Screw             |  | 1            | 1           | 1           |
| 10                     | BF310164821       | 螺母M4X3       | Nut               |  | 1            | 1           | 1           |
| 11                     | BF889273007       | 挡板           | Guide             |  | 1            | 1           | 1           |
| 12                     | BF320267131       | 螺钉 (特殊)      | Screw             |  | 1            | 1           | 1           |
| 13                     | BFX52700341       | 观察镜支架        | Bracket           |  | 1            | 1           | 1           |
| 14                     | BF889270032       | 四线观察镜        | Eye Guide         |  | 1            | 1           | 0           |
| 15                     | BF889270033       | 五线观察镜        | Eye Guide         |  | 0            | 0           | 1           |
| 16                     | BF8007008         | 螺钉           | Screw             |  | 2            | 2           | 2           |
| 17                     | BF889270015       | 挡板           | Plate             |  | 1            | 1           | 1           |
| 18                     | BF8007077         | 螺钉           | Screw             |  | 2            | 2           | 2           |
| 19                     | BF800270049       | 下刀座前盖板护板     | Latch             |  | 1            | 1           | 1           |
| 20                     | BF8007180         | 螺钉           | Screw             |  | 1            | 1           | 1           |
| 21                     | BF88901270037-117 | 缝台组件         | Cloth Plate       |  | 1            | 1           | 1           |
| 22                     | BF8007172         | 螺钉           | Screw             |  | 1            | 1           | 1           |
| 23                     | BF800270044       | 缝台卡簧弹簧       | Spring            |  | 1            | 1           | 1           |
| 24                     | BF800240305       | 减震垫          | Cushion Rubber    |  | 1            | 1           | 1           |
| 25                     | BF800270045       | 缝台卡簧固定板      | Bracket           |  | 1            | 1           | 1           |
| 26                     | BF310164543       | 螺钉M4X4       | Screw             |  | 1            | 1           | 1           |
| 27                     | BF800270042       | 缝台铜套         | Bushing           |  | 1            | 1           | 1           |
| 28                     | BF800210307       | 波形垫圈         | Washer            |  | 1            | 1           | 1           |
| 29                     | BF310167066       | 螺钉           | Screw             |  | 1            | 1           | 1           |
| 30                     | BF800240343       | 垫圈           | Washer            |  | 2            | 2           | 2           |
| 31                     | BF310167025       | 螺钉           | Screw             |  | 1            | 1           | 1           |
| 32                     | BFX52700301-118   | 侧盖下台(宽) (灰色) | Side Cover        |  | 1            | 1           | 1           |



| 四、主轴部件/Crankshaft Drive Mechanism |              |           |                |  | 数量 (Number)  |             |             |
|-----------------------------------|--------------|-----------|----------------|--|--------------|-------------|-------------|
| 序号<br>NO.                         | 品号<br>CODE   | 名称        | NAME           |  | 三线           | 四线          | 五线          |
|                                   |              |           |                |  | three-thread | four-thread | five-thread |
| 1                                 | BF8007019    | 螺钉M4X8    | Screw          |  | 3            | 3           | 1           |
| 2                                 | BF889270508  | 前轴承盖-四线   | Cover          |  | 1            | 1           | 0           |
| 3                                 | BF800240340  | 油封 (O型圈)  | O Ring         |  | 1            | 1           | 1           |
| 4                                 | BF8892705071 | 挡链组件      | Watchet        |  | 1            | 1           | 1           |
| 5                                 | BF310164514  | 螺钉M5×5    | Screw          |  | 1            | 1           | 1           |
| 6                                 | BF8004572    | 螺钉        | Screw          |  | 1            | 1           | 1           |
| 7                                 | BF8892705028 | 轴承        | Ball Bearing   |  | 1            | 1           | 1           |
| 8                                 | BF889270507  | 挡齿        | Ratchet        |  | 1            | 1           | 1           |
| 9                                 | BF88927374   | 螺钉M6X6.5  | Screw          |  | 1            | 1           | 0           |
| 10                                | BF889270503  | 油线销       | Pin            |  | 1            | 1           | 1           |
| 11                                | BF889270502  | 平衡块       | Balance Weight |  | 2            | 2           | 2           |
| 12                                | BF310167011  | 螺钉        | Screw          |  | 4            | 4           | 4           |
| 13                                | KX0401       | 主轴        | Crankshaft     |  | 1            | 1           | 1           |
| 14                                | BF889240335  | 主轴卡簧φ42   | Ring           |  | 1            | 1           | 1           |
| 15                                | BF310166203Z | 轴承        | Ball Bearing   |  | 2            | 2           | 2           |
| 16                                | BF889270523A | 轴套 (主轴挡套) | Spacer         |  | 1            | 1           | 1           |
| 17                                | BF889274507  | 蜗杆        | Worm           |  | 1            | 1           | 1           |
| 18                                | BF889240306  | 主轴承型垫片φ39 | Washer         |  | 1            | 1           | 1           |
| 19                                | BF700M46     | 主轴承中轴套    | Oil Seal       |  | 1            | 1           | 1           |
| 20                                | BF889210057  | O型圈16X1.8 | O Ring         |  | 1            | 1           | 1           |
| 21                                | BF889240307  | O型圈41X2   | O Ring         |  | 1            | 1           | 1           |
| 22                                | BF88921528A  | 挡板        | Right Cover    |  | 1            | 1           | 1           |
| 23                                | BF310167020  | 螺钉M4X10   | Screw          |  | 3            | 3           | 3           |
| 24                                | BF8897044    | 螺钉M4X10   | Screw          |  | 0            | 0           | 2           |
| 25                                | BF889270509  | 前轴承盖-五线   | Cover          |  | 0            | 0           | 1           |
| 26                                | BF800270510  | 后齿轮、五线    | Pin            |  | 0            | 0           | 1           |

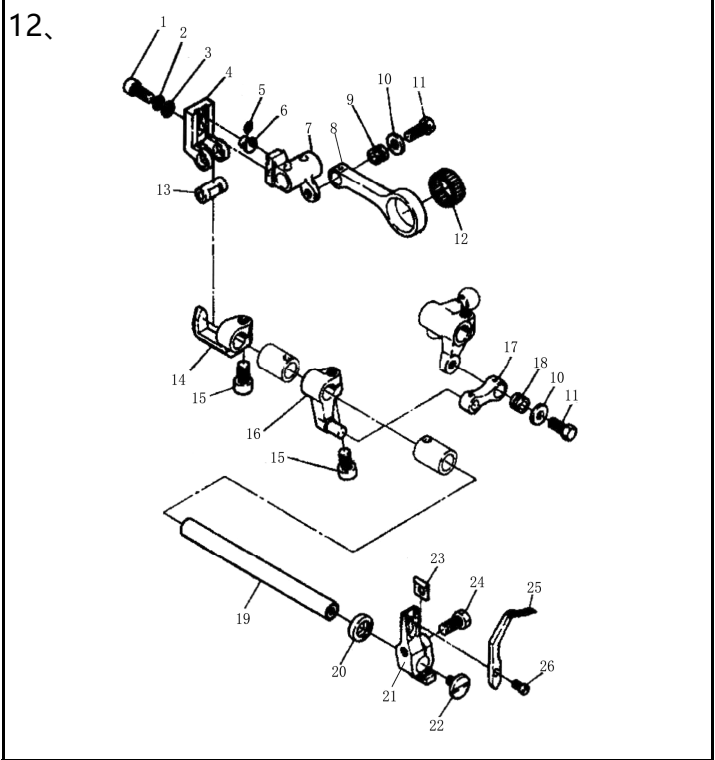


| 五、夹线部件/Thread Tension Mechanism |                |               |                         |  | 数量 (Number)  |             |             |
|---------------------------------|----------------|---------------|-------------------------|--|--------------|-------------|-------------|
| 序号<br>NO.                       | 品号<br>CODE     | 名称            | NAME                    |  | 三线           | 四线          | 五线          |
|                                 |                |               |                         |  | three-thread | four-thread | five-thread |
| 1                               | BF8892105291   | 夹线组 (强)       | Thread Tension Complete |  | 1            | 2           | 2           |
| 2                               | BF8892105301   | 夹线组 (弱)       | Thread Tension Complete |  | 2            | 2           | 2           |
| 3                               | BF8895082      | 夹线螺钉          | Screw                   |  | 3            | 4           | 4           |
| 4                               | BF889208449    | 夹线片垫          | Felt                    |  | 3            | 4           | 4           |
| 5                               | BF889210319    | 夹线片           | Tension Disc            |  | 6            | 8           | 8           |
| 6                               | BF889208450    | 调压止动盖         | Cup                     |  | 3            | 4           | 4           |
| 7                               | BF889201037    | 机针调压簧         | Spring                  |  | 1            | 2           | 2           |
| 8                               | BF889208448    | 调压止动套         | Spring Bushing          |  | 3            | 4           | 4           |
| 9                               | BF889208447-0A | 调压螺母          | Post Nut                |  | 3            | 4           | 4           |
| 10                              | BF889201086    | 下弯针调压簧        | Spring                  |  | 2            | 2           | 2           |
| 11                              | BF889275001    | 过线板           | Thread Eyelet           |  | 1            | 1           | 1           |
| 12                              | BF889202849    | 过线板           | Tension Guide           |  | 3            | 4           | 4           |
| 13                              | BF8894009      | 螺钉            | Screw                   |  | 1            | 0           | 0           |
| 14                              | BFX5275001A-3  | 13夹线器组件-三线(夹) | Tension Spring Assembly |  | 1            | 0           | 0           |
| 15                              | BFX5275001A-4  | 13夹线器组件-四线(夹) |                         |  | 0            | 1           | 1           |



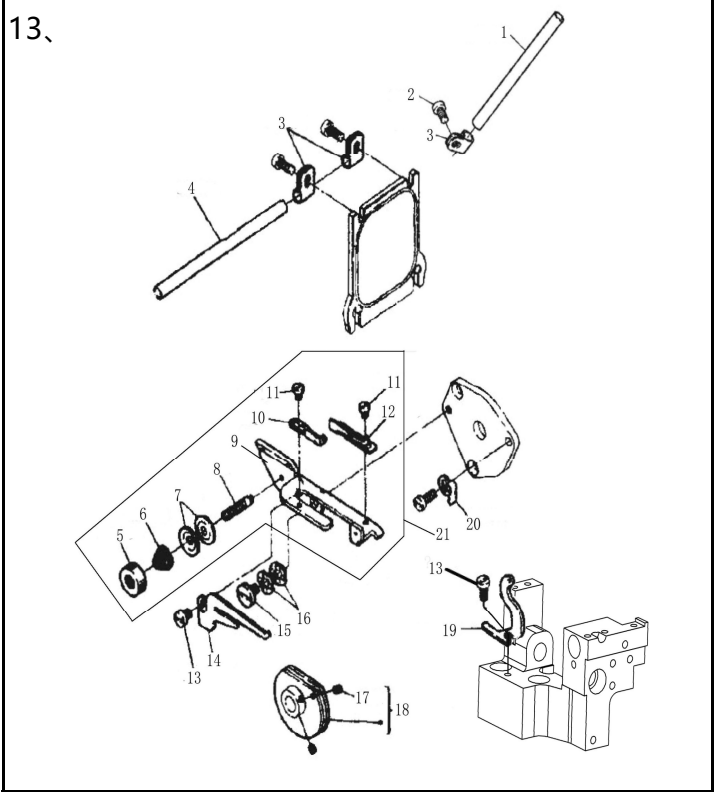
| 六、过线机构/Thread Guide and Thread Takeup |               |            |                 | 数量 (Number)      |                 |                 |
|---------------------------------------|---------------|------------|-----------------|------------------|-----------------|-----------------|
| 序号<br>NO.                             | 品号<br>CODE    | 名称         | NAME            | 三线               | 四线              | 五线              |
|                                       |               |            |                 | three-<br>thread | four-<br>thread | five-<br>thread |
| 1                                     | BFX52750211   | 托架         | Bracket         | 0                | 0               | 1               |
| 2                                     | BF310164543   | 螺钉M4X4     | Screw           | 1                | 1               | 2               |
| 3                                     | BF310167082   | 螺钉M4X7.5   | Screw           | 0                | 0               | 2               |
| 4                                     | BF889275026   | 托架         | Bracket         | 0                | 0               | 1               |
| 5                                     | BF8007018     | 螺钉M4X5     | Screw           | 0                | 0               | 3               |
| 6                                     | BF889275024   | 二孔过线—五线    | Thread Guide    | 0                | 0               | 1               |
| 7                                     | BF889275028   | 过线—五线      | Thread Guide    | 0                | 0               | 1               |
| 8                                     | BF889275057   | 过线—六线和五线厚料 | Thread Guide    | 0                | 0               | 1               |
| 9                                     | BF889275022   | 过线—五线      | Thread Guide    | 0                | 0               | 1               |
| 10                                    | BF889275029   | 过线板—五线     | Thread Guide    | 0                | 0               | 1               |
| 11                                    | BF8891275052A | 过线板—五线     | Thread Guide    | 0                | 0               | 1               |
| 12                                    | BF8007008     | 螺钉         | Screw           | 3                | 3               | 3               |
| 13                                    | BF889275027   | 挑线—五线      | Thread Takeup   | 0                | 0               | 1               |
| 14                                    | BF889275122   | 挑线—五线厚料    | Thread Takeup   | 0                | 0               | 1               |
| 15                                    | BF889275018   | 过线(三线)     | Thread Eyelet   | 1                | 0               | 0               |
| 16                                    | BF889275018A  | 过线板—四线     | Thread Eyelet   | 0                | 1               | 0               |
| 17                                    | BF8007130     | 螺钉M4X7     | Screw           | 2                | 2               | 0               |
| 18                                    | BF889275013A  | 过线—三线      | Thread Guide    | 0                | 1               | 0               |
| 19                                    | BF889275013   | 机针过线—四线    | Thread Guide    | 0                | 1               | 0               |
| 20                                    | BF889275015   | 托架         | Bracket         | 1                | 1               | 0               |
| 21                                    | BF889275016   | 挑线—三线      | Thread Takeup   | 1                | 0               | 0               |
| 22                                    | BF889275017   | 挑线—四线      | Thread Takeup   | 0                | 1               | 0               |
| 23                                    | BF889275011   | 机针线压板(下)   | Thread Retainer | 1                | 1               | 1               |
| 24                                    | BF889275012   | 机针线压板(上)   | Thread Retainer | 1                | 1               | 1               |
| 25                                    | BF889240326   | 压簧         | Spring          | 1                | 1               | 1               |
| 26                                    | BF8897163     | 螺钉M2(轴位)   | Screw           | 1                | 1               | 1               |
| 27                                    | BF889275056   | 过线         | Thread Guide    | 1                | 1               | 1               |
| 28                                    | BF889275056   | 过线—厚料      | Thread Guide    | 0                | 0               | 1               |
| 29                                    | BF889275007   | 过线         | Thread Guide    | 1                | 1               | 0               |
| 30                                    | BF700M810     | 刻度板过线      |                 | 2                | 2               | 2               |
| 31                                    | BF889275004   | 托架         | Bracket         | 1                | 1               | 1               |
| 32                                    | BF310167020   | 螺钉M4X10    | Screw           | 1                | 1               | 1               |
| 33                                    | BF889275006   | 过线         | Thread Eyelet   | 1                | 1               | 1               |
| 34                                    | BF889275005   | 挑线架        | Thread Takeup   | 1                | 1               | 1               |
| 35                                    | BF8007012     | 螺钉         | Screw           | 1                | 1               | 1               |
| 36                                    | BF889275054   | 挑线架        | Thread Takeup   | 1                | 1               | 1               |
| 37                                    | BF889275009   | 挑线架—厚料     | Thread Takeup   | 0                | 0               | 1               |

|    |                |            |                     |   |   |   |
|----|----------------|------------|---------------------|---|---|---|
| 6  | BF889271500-92 | 弯针连杆       | Connection          | 1 | 1 | 1 |
| 7  | BFX52715011    | 连杆垫圈       | Washer              | 1 | 1 | 1 |
| 8  | BF8007041      | 螺钉         | Screw               | 2 | 2 | 2 |
| 9  | BF889272000-92 | 三四线下弯针曲柄   | Crank               | 1 | 1 | 0 |
| 10 | BF8045331      | 螺钉(细)      | Screw               | 1 | 1 | 1 |
| 11 | BF700M83       | 油封         | Oil Seal            | 1 | 1 | 1 |
| 12 | BF700S058      | 螺钉         | Screw               | 1 | 1 | 1 |
| 13 | BF889272001    | 下弯针架       | Lower Looper Holder | 1 | 1 | 1 |
| 14 | BF88927169     | 螺钉M4X7     | Screw               | 1 | 1 | 1 |
| 15 | BF88927168     | 螺钉M3.5X6.5 | Screw               | 1 | 1 | 1 |
| 16 | BF889277015    | 下弯针        | Lower Looper        | 1 | 1 | 1 |
| 17 | BF889273511-92 | 五线下弯针球曲柄   | Crank               | 0 | 0 | 1 |
| 18 | BF310164514    | 螺钉 M5*5    | Screw               | 0 | 0 | 1 |



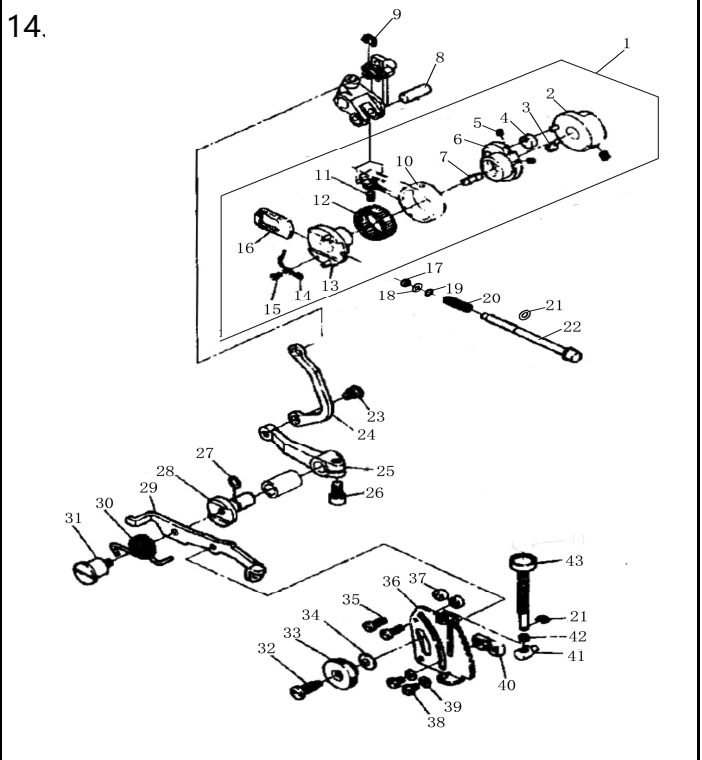
十二、二重环弯针机构(1) / Chainstitch Looper Drive

| 序号<br>NO. | 品号<br>CODE          | 名称               | NAME                      | 数量(Number)             |                       |                       |
|-----------|---------------------|------------------|---------------------------|------------------------|-----------------------|-----------------------|
|           |                     |                  |                           | 三线<br>three-<br>thread | 四线<br>four-<br>thread | 五线<br>five-<br>thread |
| 1         | BF310164531         | 螺钉M5*12          | Screw                     | 0                      | 0                     | 1                     |
| 2         | BF800303067         | 垫圈               | Washer                    | 0                      | 0                     | 1                     |
| 3         | BF800240062         | 垫圈               | Washer                    | 0                      | 0                     | 1                     |
| 4         | BF889273502         | 滑块座组件            | Slider                    | 0                      | 0                     | 1                     |
| 5         | BF889208949         | O型圈4X1.3         | O Ring                    | 0                      | 0                     | 1                     |
| 6         | BF889252515         | 偏心销              | Pin                       | 0                      | 0                     | 1                     |
| 7         | BF889273501         | 曲柄               | Crank                     | 0                      | 0                     | 1                     |
| 8         | BF889273500         | 驱动连杆             | Connection                | 0                      | 0                     | 1                     |
| 9         | BF889240542         | 连杆套              | Bushing                   | 0                      | 0                     | 1                     |
| 10        | BF31016240049       | 垫片               | Washer                    | 0                      | 0                     | 2                     |
| 11        | BF8897056           | 螺钉M3X13(细牙) 螺钉   | Screw                     | 0                      | 0                     | 2                     |
| 12        | BF889205015-20(0-2) | K132208(0-2)滚针轴承 | Needle Bearing            | 0                      | 0                     | 1                     |
| 13        | BF800273504         | 五线轴              | Shaft                     | 0                      | 0                     | 1                     |
| 14        | BF889273505-92      | 驱动座              | Holder                    | 0                      | 0                     | 1                     |
| 15        | BF80045331          | 螺钉(细)            | Screw                     | 0                      | 0                     | 2                     |
| 16        | BF889273509         | 链线曲柄             | Crank                     | 0                      | 0                     | 1                     |
| 17        | BF889272517         | 连杆               | Link                      | 0                      | 0                     | 1                     |
| 18        | BF889240542A        | 连杆套              | Bushing                   | 0                      | 0                     | 1                     |
| 19        | BF889273506         | 链线弯针轴            | Shaft                     | 0                      | 0                     | 1                     |
| 20        | BF700M119           | 油封               | Oil Seal                  | 0                      | 0                     | 1                     |
| 21        | BF889273510         | 下弯针架             | Looper Holder             | 0                      | 0                     | 1                     |
| 22        | BF8897169           | 螺钉M4X7           | Screw                     | 0                      | 0                     | 1                     |
| 23        | BF889240337         | 垫片               | Spacer                    | 0                      | 0                     | 1                     |
| 24        | BF700S058           | 螺钉               | Screw                     | 0                      | 0                     | 1                     |
| 25        | BF889277018         | 链线弯针             | Double Chainstitch Looper | 0                      | 0                     | 1                     |
| 26        | BF88927168          | 螺钉M3.5X6.5       | Screw                     | 0                      | 0                     | 1                     |



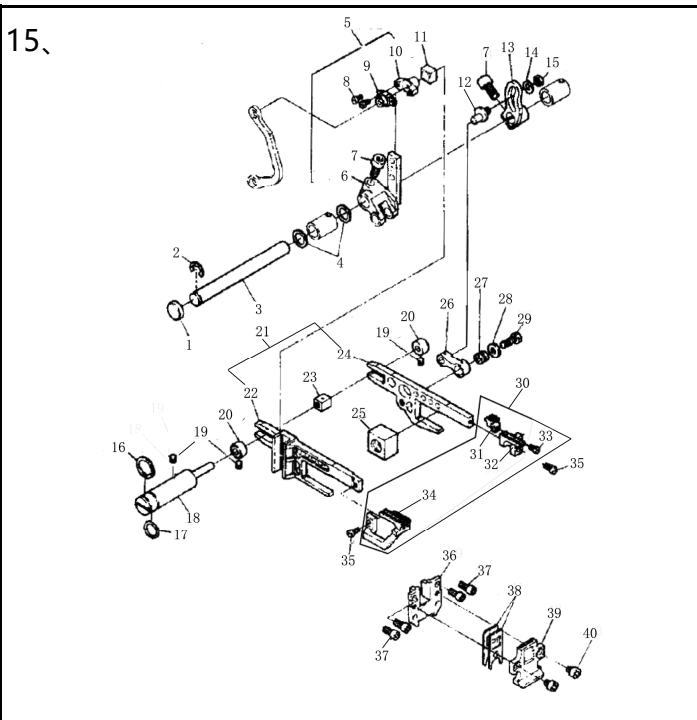
十三、二重环弯针机构(2) / Chainstitch Looper Drive

| 序号<br>NO. | 品号<br>CODE    | 名称      | NAME                 | 数量(Number)             |                       |                       |
|-----------|---------------|---------|----------------------|------------------------|-----------------------|-----------------------|
|           |               |         |                      | 三线<br>three-<br>thread | 四线<br>four-<br>thread | 五线<br>five-<br>thread |
| 1         | BF800209699   | 短过线管、五线 | Thread Guide         | 0                      | 0                     | 1                     |
| 2         | BF8007019     | 螺钉M4X8  | Screw                | 0                      | 0                     | 3                     |
| 3         | BF800206115   | 压板、五线   | Holder               | 0                      | 0                     | 1                     |
| 4         | BF800209631   | 长过线管、五线 | Thread Guide         | 0                      | 0                     | 1                     |
| 5         | BF31016275034 | 螺母      | Knob                 | 0                      | 0                     | 1                     |
| 6         | BF31016211388 | 弹簧      | Spring               | 0                      | 0                     | 1                     |
| 7         | BF31016137108 | 夹线片     | Tension Disc         | 0                      | 0                     | 2                     |
| 8         | BF310167167   | 螺钉      | Screw                | 0                      | 0                     | 1                     |
| 9         | BF800275033A  | 打线凸轮架   | Bracket              | 0                      | 0                     | 1                     |
| 10        | BF800275039   | 凸轮架过线   | Thread Guide         | 0                      | 0                     | 1                     |
| 11        | BF8007008     | 螺钉      | Screw                | 0                      | 0                     | 2                     |
| 12        | BF800275036   | 挡线板     | Thread Guide         | 0                      | 0                     | 1                     |
| 13        | BF8007018     | 螺钉M4X5  | Screw                | 2                      | 2                     | 2                     |
| 14        | BF800275035   | 分线板(五线) | Thread Guide         | 0                      | 0                     | 1                     |
| 15        | BF310167066   | 螺钉      | Screw                | 0                      | 0                     | 1                     |
| 16        | BF800210307   | 波形垫圈    | Washer               | 0                      | 0                     | 2                     |
| 17        | BF310164554   | 螺钉M3X3  | Screw                | 0                      | 0                     | 2                     |
| 18        | BF800179498   | 打线凸轮    | Looper Thread Takeup | 0                      | 0                     | 1                     |
| 19        | BF889275038   | 过线      | Thread Guide         | 0                      | 0                     | 1                     |
| 20        | BF800275037   | 打线架卡簧   | Spring               | 0                      | 0                     | 1                     |
| 21        | BF800YQZ7     | 压线器组件   | Threading Component  | 0                      | 0                     | 1                     |



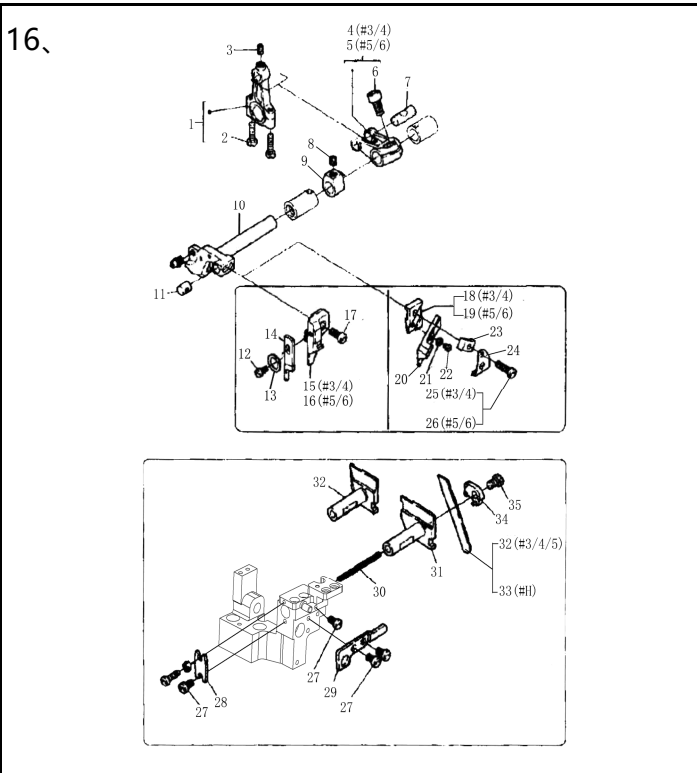
十四、差动调节机构/Feed Mechanism

| 序号<br>NO. | 品号<br>CODE     | 名称          | NAME            | 数量(Number)             |                       |                       |
|-----------|----------------|-------------|-----------------|------------------------|-----------------------|-----------------------|
|           |                |             |                 | 三线<br>three-<br>thread | 四线<br>four-<br>thread | 五线<br>five-<br>thread |
| 1         | BF889270507-92 | 送布组件        | Connection      | 1                      | 1                     | 1                     |
| 2         | BF889270506-91 | 送布偏心        | Regulator       | 1                      | 1                     | 1                     |
| 3         | BF310164514    | 螺钉 M5*5     | Screw           | 2                      | 2                     | 2                     |
| 4         | BF889210129    | 开针偏心凸轮      | Feed Eccent     | 1                      | 1                     | 1                     |
| 5         | BF310164535    | 螺钉M3X4      | Screw           | 2                      | 2                     | 2                     |
| 6         | BF889272501    | 送布凸轮        | Eccent          | 1                      | 1                     | 1                     |
| 7         | BF889210130    | 送布凸轮簧       | Flat Spring     | 1                      | 1                     | 1                     |
| 8         | BF800271001    | 销子          | Pin             | 1                      | 1                     | 1                     |
| 9         | BF889202522    | 卡簧          | Ring            | 1                      | 1                     | 1                     |
| 10        | BF889272500    | 送料连杆        | Connection      | 1                      | 1                     | 1                     |
| 11        | BF8004538      | 螺钉          | Screw           | 1                      | 1                     | 1                     |
| 12        | BF800240012    | K222610滚针轴承 | Needle Bearing  | 1                      | 1                     | 1                     |
| 13        | BF800272504-91 | 送料偏心        | Eccent Assembly | 1                      | 1                     | 1                     |
| 14        | BF889272503    | 扭簧          | Spring          | 1                      | 1                     | 1                     |
| 15        | BF8007038      | 螺钉          | Screw           | 1                      | 1                     | 1                     |
| 16        | BF889272502    | 棘爪          | Ratchet         | 1                      | 1                     | 1                     |
| 17        | BF889240315    | 橡胶垫         | Gasket          | 1                      | 1                     | 1                     |
| 18        | BF889240314    | 垫片          | Washer          | 1                      | 1                     | 1                     |
| 19        | BF889208949    | O型圈4X1.3    | O Ring          | 1                      | 1                     | 1                     |
| 20        | BF889240317    | 弹簧          | Spring          | 1                      | 1                     | 1                     |
| 21        | BF31016200555  | 卡簧          | Ring            | 1                      | 1                     | 1                     |
| 22        | BF889272509    | 开针按钮轴       | Push Button     | 1                      | 1                     | 1                     |
| 23        | BF8897058      | 螺钉          | Screw           | 1                      | 1                     | 1                     |
| 24        | BF889272529    | 差动连杆        | Link            | 1                      | 1                     | 1                     |
| 25        | BF889272530    | 差动曲柄        | Lever           | 1                      | 1                     | 1                     |
| 26        | BF80045331     | 螺钉(细)       | Screw           | 1                      | 1                     | 1                     |
| 27        | BF889204185    | O型圈6X1.8    | O Ring          | 1                      | 1                     | 1                     |
| 28        | BF889272533A   | 差动扳手轴       | Shaft           | 1                      | 1                     | 1                     |
| 29        | BF889272532    | 差动杆         | Lever           | 1                      | 1                     | 1                     |
| 30        | BF800272534    | 弹簧          | Spring          | 1                      | 1                     | 1                     |
| 31        | BF8007161      | 螺钉          | Screw           | 1                      | 1                     | 1                     |
| 32        | BF8897059A     | 螺钉M5(特)     | Screw           | 1                      | 1                     | 1                     |
| 33        | BF889252069    | 螺母          | Nut             | 1                      | 1                     | 1                     |
| 34        | BF800211301    | 垫圈          | Washer          | 1                      | 1                     | 1                     |
| 35        | BF310167021    | 螺钉M4X12     | Screw           | 2                      | 2                     | 2                     |
| 36        | BF889272535    | 调节板         | Regulator Plate | 1                      | 1                     | 1                     |
| 37        | BF889240321    | 垫圈          | Washer          | 2                      | 2                     | 2                     |
| 38        | BF8007018      | 螺钉M4X5      | Screw           | 2                      | 2                     | 2                     |
| 39        | BF31016303448  | 垫片          | Washer          | 2                      | 2                     | 2                     |
| 40        | BF889252658    | 螺母          | Nut             | 2                      | 2                     | 2                     |
| 41        | BF889272539A   | 调节螺母        | Nut             | 1                      | 1                     | 1                     |
| 42        | BF889240559    | 弹簧          | Spring          | 1                      | 1                     | 1                     |
| 43        | BF889272538A   | 调节杆         | Adjusting Bar   | 1                      | 1                     | 1                     |



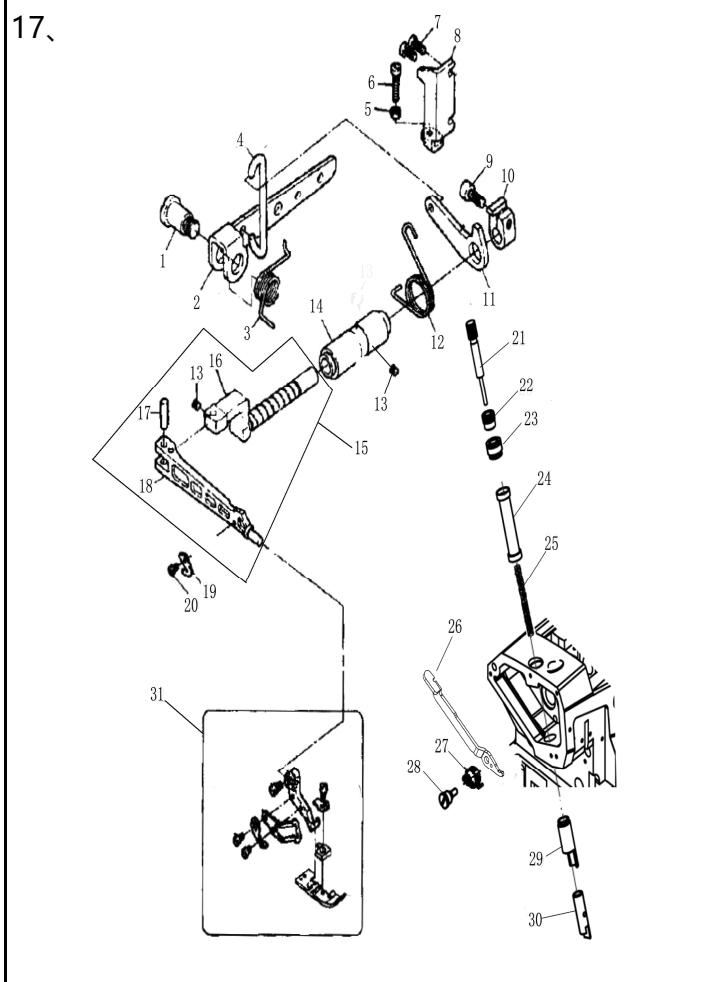
十五、送布机构 / Feed Mechanism

| 序号<br>NO. | 品号<br>CODE     | 名称          | NAME                   | 数量(Number)             |                       |                       |
|-----------|----------------|-------------|------------------------|------------------------|-----------------------|-----------------------|
|           |                |             |                        | 三线<br>three-<br>thread | 四线<br>four-<br>thread | 五线<br>five-<br>thread |
| 1         | BF800208173    | 油封          | Oil Seal               | 1                      | 1                     | 1                     |
| 2         | BF31016205061  | 卡簧          | Ring                   | 1                      | 1                     | 1                     |
| 3         | BF889272516    | 送料轴         | Shaft                  | 1                      | 1                     | 1                     |
| 4         | BF800240311    | 垫圈          | Washer                 | 2                      | 2                     | 2                     |
| 5         | BF889272510-91 | 差动器组件       | Crank                  | 1                      | 1                     | 1                     |
| 6         | BF889272510    | 差动曲柄        | Crank                  | 1                      | 1                     | 1                     |
| 7         | BF8907010      | 螺钉          | Screw                  | 2                      | 2                     | 2                     |
| 8         | BF889272512    | 滑块盖板        | Crank                  | 1                      | 1                     | 1                     |
| 9         | BF889272513    | 差动曲柄滑块      | Crank Pin              | 1                      | 1                     | 1                     |
| 10        | BF889272518    | 差动滑块        | Block                  | 1                      | 1                     | 1                     |
| 11        | BF889272515    | 送布牙架连接销     | Pin                    | 1                      | 1                     | 1                     |
| 12        | BF80045331     | 螺钉(细)       | Screw                  | 2                      | 2                     | 2                     |
| 13        | BF889272514-92 | 方口曲柄(送布)    | Crank                  | 1                      | 1                     | 1                     |
| 14        | BF800240062    | 垫圈          | Washer                 | 1                      | 1                     | 1                     |
| 15        | BF310164805    | 螺母M5X4      | Nut                    | 1                      | 1                     | 1                     |
| 16        | BF889240319    | 卡簧φ18.5     | Ring                   | 1                      | 1                     | 1                     |
| 17        | BF889201022    | O型圈11.5X1.5 | O Ring                 | 1                      | 1                     | 1                     |
| 18        | BF889272525    | 偏心轴         | Pin                    | 1                      | 1                     | 1                     |
| 19        | BF310164543    | 螺钉M4X4      | Screw                  | 3                      | 3                     | 3                     |
| 20        | BF889240303    | 挡圈          | Collar                 | 2                      | 2                     | 2                     |
| 21        | BF889YJZJ      | 牙架组件        | Feed Bar Assy.         | 1                      | 1                     | 1                     |
| 22        | BF889272528    | 差动牙架        | Differential Feed Bar  | 1                      | 1                     | 1                     |
| 23        | BF889272526    | 送布牙架滑块      | Block                  | 1                      | 1                     | 1                     |
| 24        | BF889272527    | 送布牙架        | Main Feed Bar          | 1                      | 1                     | 1                     |
| 25        | BF889272524    | 铜滑块         | Block                  | 1                      | 1                     | 1                     |
| 26        | BF889272517    | 连杆          | Link                   | 1                      | 1                     | 1                     |
| 27        | BF889240542    | 连杆套         | Bushing                | 1                      | 1                     | 1                     |
| 28        | BF31016240049  | 垫片          | Washer                 | 1                      | 1                     | 1                     |
| 29        | BF8897056      | 螺钉M5X13(细牙) | Screw                  | 1                      | 1                     | 1                     |
| 30        | XXXXXX         | 牙架组件        | Main Feed Dog Complete | 1                      | 1                     | 1                     |
| 31        | XXXXXX         | 主送齿         | Main Feed Dog          | 1                      | 1                     | 1                     |
| 32        | XXXXXX         | 辅助齿         | Auxiliary              | 1                      | 1                     | 1                     |
| 33        | BF310167010    | 螺钉          | Screw                  | 1                      | 1                     | 1                     |
| 34        | XXXXXX         | 差动齿         | Differential           | 1                      | 1                     | 1                     |
| 35        | BF8007013      | 螺钉M3.5X7.5  | Screw                  | 2                      | 2                     | 2                     |
| 36        | BF88927YJG     | 牙架导引(整体)    | Feed Bar               | 1                      | 1                     | 1                     |
| 37        | BF8892710      | 螺钉M4X9      | Screw                  | 4                      | 4                     | 4                     |
| 38        | BF889272521    | 牙架油封        | Oil Seal               | 2                      | 2                     | 2                     |
| 39        | BF889272617    | 挡油板         | Feed Bar Oil Seal      | 1                      | 1                     | 1                     |
| 40        | BF8894573      | 螺钉M4X6(内六角) | Screw                  | 2                      | 2                     | 2                     |



十六、剪布机构 / Knife Drive Mechanism

| 序号<br>NO. | 品号<br>CODE      | 名称         | NAME              | 数量(Number)             |                       |                       |
|-----------|-----------------|------------|-------------------|------------------------|-----------------------|-----------------------|
|           |                 |            |                   | 三线<br>three-<br>thread | 四线<br>four-<br>thread | 五线<br>five-<br>thread |
| 1         | BF889273000-92  | 上刀连杆       | Connection        | 1                      | 1                     | 1                     |
| 2         | BF2002040103    | 螺钉         | Regulator         | 1                      | 1                     | 1                     |
| 3         | BF8004538       | 螺钉         | Screw             | 2                      | 2                     | 2                     |
| 4         | BF889273001-92  | 三四线上刀曲柄    | Feed Eccent       | 1                      | 1                     | 1                     |
| 5         | BF889273002-92  | 五线上刀曲柄     | Screw             | 2                      | 2                     | 2                     |
| 6         | BF80045331      | 螺钉(细)      | Eccent            | 1                      | 1                     | 1                     |
| 7         | BF800271001     | 销子         | Flat Spring       | 1                      | 1                     | 1                     |
| 8         | BF310164547     | 螺钉         | Pin               | 1                      | 1                     | 1                     |
| 9         | BF3202624023592 | 挡圈         | Ring              | 1                      | 1                     | 1                     |
| 10        | BF889273003     | 上刀架轴       | Connection        | 1                      | 1                     | 1                     |
| 11        | BF889273006     | 上刀销        | Screw             | 1                      | 1                     | 1                     |
| 12        | BF8007013       | 螺钉M3.5X7.5 | Needle Bearing    | 1                      | 1                     | 1                     |
| 13        | BF9000628       | 垫片         | Eccent Assembly   | 1                      | 1                     | 1                     |
| 14        | BF700M1311      | 上刀         | Spring            | 1                      | 1                     | 1                     |
| 15        | BF889179712     | 上刀架四线      | Screw             | 1                      | 1                     | 1                     |
| 16        | BF889179713     | 上刀架五线      | Ratchet           | 1                      | 1                     | 1                     |
| 17        | BF310167021     | 螺钉M4X12    | Gasket            | 1                      | 1                     | 1                     |
| 18        | BF889210756     | 四线斜上刀架     | O Ring            | 1                      | 1                     | 1                     |
| 19        | BF889210757     | 五线斜上刀架     | Washer            | 1                      | 1                     | 1                     |
| 20        | BF889211662     | 板厚料斜上刀     | Spring            | 1                      | 1                     | 1                     |
| 21        | BF889300248     | 垫片         | Ring              | 1                      | 1                     | 1                     |
| 22        | BF8007008       | 螺钉         | Push Button       | 1                      | 1                     | 1                     |
| 23        | BF889210758     | 斜上刀架压板     | Screw             | 1                      | 1                     | 1                     |
| 24        | BF889179341-15  | 挡板         | Link              | 1                      | 1                     | 1                     |
| 25        | BF310167023     | 螺钉M4*16    | Screw             | 1                      | 1                     | 1                     |
| 26        | BF310167213     | 螺钉M4X22    | Lever             | 1                      | 1                     | 1                     |
| 27        | BF8007019       | 螺钉M4X8     | O Ring            | 1                      | 1                     | 1                     |
| 28        | BF889273007     | 挡板         | Shaft             | 1                      | 1                     | 1                     |
| 29        | BF889273010     | 挡板         | Lever             | 1                      | 1                     | 1                     |
| 30        | BF889240324     | 弹簧         | Spring            | 1                      | 1                     | 1                     |
| 31        | BF889273008     | 下刀架        | Screw             | 1                      | 1                     | 1                     |
| 32        | BF700M1317      | 下刀         | Lower Knife       | 1                      | 1                     | 1                     |
| 33        | BF889277009     | 厚料下刀       | Lower Knife       | 0                      | 1                     | 1                     |
| 34        | BF889273012     | 下刀压板       | Lower Knife Clamp | 1                      | 1                     | 1                     |
| 35        | BF8897173       | 螺钉M5X8     | Screw             | 1                      | 1                     | 1                     |



十七、抬压脚机构 / Presser Foot Mechanism

| 序号<br>NO. | 品号<br>CODE | 名称 | NAME |
|-----------|------------|----|------|
|-----------|------------|----|------|