

HXT6800T系列 DIRECT-DRIVE HIGH-SPEED UP-DOWN
FEEDING OVERLOCK MACHINE
直驱上下送布高速包缝机

使用说明书

INSTRUCTION MANUAL BOOK

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此说明书仅作参考，如有更改恕不另作通知。

This manual is only for reference.
IF there is any modification , we apologize for the changing hence caused.



通过 ISO9001:2008
质量管理体系认证

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本安全措施。
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，应立即关掉电源开关，或拔下电源线插头。
 - 6-1 机针、弯针、分离器等穿线和更换旋梭时。
 - 6-2 更换机针、压脚、针板、弯针、分离器、上下送布牙、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. 禁止油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. 有关缝纫机的电器方面的修理、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。
18. 本使用说明书上采用以下 2 个警告符号。



有损伤操作人员、维修人员的危险。



安全上需要特别加以注意的事项。

为了安全地使用缝纫机的注意事项



危险

1. 为了防止触电事故，请不要在接通电源的状态下打开控制箱的外壳或触摸控制箱内的零件。



注意

- 1 为了防止人身事故的发生，请不要在卸了皮带护罩、眼睛防护罩等安全装置的状态下运转缝纫机。
- 2 为了防止被卷入的人生事故的发生，请使用带电机防护罩的马达。
- 3 为了防止触电事故的发生，请不要卸下电源地线的状态下运转缝纫机。
- 4 为了防止被卷入的人身事故的发生，缝纫机运转途中请不要将手指、头发、衣服靠近皮带轮，也不要东西放到上面。
- 5 为了防止人身事故的发生，打开电源后或缝纫机运转中请不要把手指放到切布刀和机针的附近。
- 6 为了防止人身事故的发生，缝纫机运转中请不要把手指放到眼睛防护罩内。
- 7 为了防止触电、漏电、火灾事故，拔插电源线前一定先关掉分缝机电源，手持电源插头进行插拔。
- 8 为了防止突然启动造成人身事故，离开缝纫机时请您一定关掉电源。
- 9 为了防止突然启动造成人身事故，发生停电后一定关上电源。
- 10 为了防止突然启动造成人身事故，拆卸电机防护罩时，请一定关掉电源，用脚踩踏板确认不动后再拆卸。
- 11 为了防止突然启动造成人身事故，检修、调整、扫除、穿线、换针时，请一定先关掉电源，用脚踩踏板确认不动后再进行。
- 12 为了防止缝纫机落下造成人身事故，搬运缝纫机时请不要手拿布台护罩。拿布台护罩后护罩会打开，缝纫机会掉下来。

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1. 前 言

- 本操作说明书将描述如何注意产品的安全使用。
- 在使用该机器之前，请务必阅读本使用说明书，充分理解及掌握缝纫机的操作、检查、调整、维修等方法之后，再进行使用。

2. 警告标记

在本公司的产品及本书中，为了安全使用产品，根据危险程度将警告表示分别使用，务必注意书中的提示。

警告标签应贴在较醒目的地方。若有标签剥落或污损时，应及时更换，贴上新的标签。如需更换用新的标签，请联系本公司销售部。

提醒注意的标记以及报警用语

 危险	表示危险性极大，弄错操作等时会有可能至于死亡或受重伤的危险。
 警告	操作有误时，会至于受重伤，甚至发生死亡事故的危险。
 注意	操作有误时，有可能受轻伤或中等伤害，或会发生损伤物质的危险。

说明图表记号

	必须严守指示，应按其内容准确操作
	万一弄错操作，会有触电的危险。
	弄错操作，会招致手指受伤。
	有接触高温烫手受伤的危险。
	绝对禁止。
	需要进行修理、调整等维修工作时，或有可能落雷的危险时，应预先把电源插头由供电的插座拔掉，以免意外。
	连接地线
	表示缝纫机传动轮旋转方向。

3. 安全措施

➤ 使用环境

使用的环境有可能给缝纫机的寿命、性能及安全性带来不良影响。



为了安全保护，请勿在下述环境条件之下使用。

1. 在靠近高频焊接机等产生干扰的机器设备旁边。
2. 产生药品蒸气气氛的地方，及受药品飞溅等地方使用或保管。
3. 屋外、高温高湿、直接曝晒阳光的地方。
4. 周围的温度、湿度很大，会给缝纫机带来坏影响的地方。
5. 额定电压常超过±10%以上的电压变动较厉害的地方。
6. 电源容量无法确保控制马达规格上所需要的容量时。

➤ 安全措施



(1) 进行维修保养、检验时的安全保护

- 在对缝纫机进行检查、修理、清扫等维护作业时，请关掉电源开关，将电源插销从插座上拔下，并确认踩缝纫机踏板也不会转动之后再进行操作。
但是，有必要接通电源进行作业时，请制定防止缝纫机以外转动或操作者错误而导致危险的安全操作准则，并遵守一切安全防护准则。
- 在进行以下作业时，务必关掉电源开关，将电源插销从插座上拔下之后进行。
 - 加油
 - 穿线
 - 打扫缝纫机
 - 换机针
 - 进行供油元件的清扫和更换时
 - 更换机油
- 在进行以下作业时，请务必关掉电源开关之后进行。
 - 调节针脚时
 - 调节差动比时
- 实施定期检修、保养时，应限由充分熟练省力装置以及缝纫机的维修工作的专门技术人员来进行。



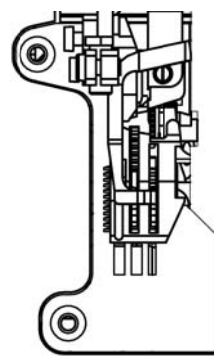
- 请勿按客户的任意判断而加以改造或更改，会招致事故的原因。

※如有改造或更改的需要，应先联系经销商或本公司销售部询问。



(2) 开始运转前的检验事项

- 在开始操作运转缝纫机前，先检查缝纫机缝纫部分，看是否有损伤、功能不良等问题。万一有异常现象时，应马上修理或采取必要的措施。
- 务必先确认针箍是否固定好。
※请注意针尖有危险。
- 在使用缝用手轻轻转动手轮，看针尖是否落在压脚的针孔中心）（图 1）
- 纫机之前，务必确认压脚是否在正确的位置。（
- 务必检查压脚是否牢固的固定好。（使用抬压脚机构抬起压脚，用手前后左右扳动，检查压脚是否松动）（图 2）

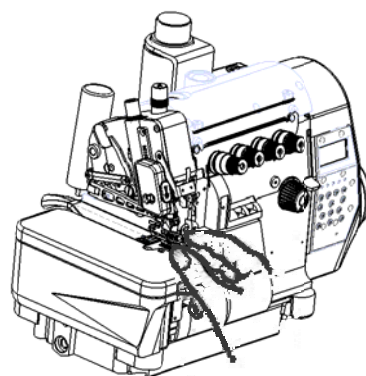


(图1)



(3) 培训

- 为了防止事故，操作人员及维修员应先掌握机器的使用和有关技能。



(图 2)

4. 各操作过程的注意事项

➤ 开箱

1. 缝纫机机头出厂时包装好后装入纸箱运出的。从印刷在纸箱上的标记字样确认上下后，请从上到下按顺序开箱。
2. 把缝纫机机头从缓冲包装材料里拿出时，绝对不要提拿与机针部位或过线器等有关的部件，否则会发生危险或损伤机器。
3. 在取出缝纫机机头时，请注意重心的位置，小心谨慎的取出。
4. 开箱用过的纸箱如果以后还用的话，请好好保存放好。

包装材料的处理

- 包装材料包括木头、纸张、纸箱、VCE 纤维。请顾客将包装材料正确适当的进行处理。

缝纫机废物的处理

1. 缝纫机的废物，请客户负责进行处理。
2. 制造缝纫机使用的材料有铁、铝、锌及各种材料。
3. 缝纫机的废物应遵照当地环境保护的有关规定进行处理。必要时委托专门的厂家进行处理。

※有油污的部件务必遵照当地环境保护的有关规定，分别进行处理。

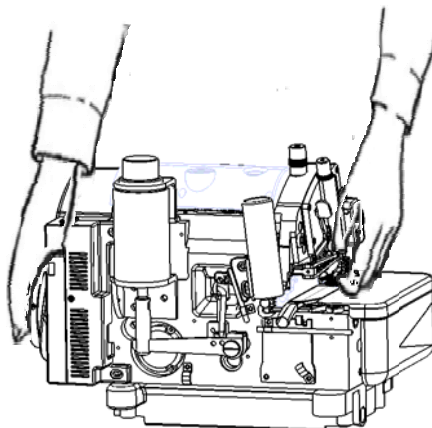
警告

➤ 搬运

1. 缝纫机机头的搬运一定要两个人以上进行。另外，
2. 用人直接搬运应只限于搬往缝纫机台板或小台车进行。
3. 移动缝纫机机头时，用右手抓住手轮及电机罩，左手垮在机头里，扎实牢固的搬起。（图 3）

缝纫机上沾有油污在搬运时容易滑脱摔坏，搬运请好好擦净机头上的油污。

4. 在往缝纫机台板上或小台车上搬运时，请注意不要过分冲击或震动，以免缝纫机倒斜造成危险。
5. 如果要第二次运送缝纫机并要包装时，请一定擦干净机头上的油污。否则，搬运时会滑脱摔坏机头或油污使包装材料变质穿底。



（图 3）

注意

➤ 安装·准备

缝纫机台板

- 1 请使用能充分承受缝纫机机头重量及搬运时产生的反作用力的缝纫机台板（台板、铁架）。
- 2 应充分考虑缝纫机装配部件和操作光线的明亮度，放置在容易作业的环境中。如果光线不是十分明亮时，应根据需要安装照明电灯。
- 3 在运转缝纫机时，为防止操作者踩踏板时脚滑脱造成事故，一定要在缝纫机踏板上安装防止滑脱的垫子。
- 4 根据操作者操作的姿势，调整台板面的高度（工作时的高度）。

警告

接线

1. 请牢固的查好缝纫机机头与电机连接线的插头。
缝纫机机头与电机用连接线进行连接时，务必在将电源开关关闭的状态下进行操作。
2. 在使用中请不要给连接线过多的力。
3.  请不要过度弯曲连接线。
4. 接近运动部件的连接线，应最小距离在 25mm 处进行安装。
5. 必要时考虑连接位置或加设护罩来保护连接线。
6.  固定连接线时绝对不要使用书针。

注意

接地

1. 接地线是按每台缝纫机分别装设专用的接地线，不应与其他机器共用。
2.  在缝纫机机头的规定地点准确地装设接地线。

警告

➤ 使用缝纫机油

1. 在油盘内没有注入油之前绝对不要运转机器。机油请使用指定的缝纫机专用润滑油。（相当于 ISO 粘度等级 VG22）。
2. 机油进入眼睛会使眼睛发炎，所以在使用时请戴防护眼镜以免机油进入眼睛。
※万一进入眼睛，请用干净水冲洗 15 分钟，再请医生治疗。
3. 接触皮肤后，请马上用水和肥皂洗干净。
4.  绝对不要使机油进入口腔。
5. 机油请保管在孩子摸不到的地方。万一进入口腔，不要硬性呕吐，马上请医生进行治疗。
6. 废油、废容器的处理方法必须遵照环境保护法相关的措施正确处理。如不知道请与经销商联系后，再进行处理。
7. 为了防止灰尘、水分的混入，使用完后保管机油时请盖紧油箱盖，放在没有阳光直射的阴凉处保管。

警告

➤ 运转缝纫机前的注意事项

缝纫机台板

1. 打开电源前，请确认接线或接头是否有损伤、脱落、松动等外观上的异常。
2.  打开电源时，请不要将手放在机针附近或自动切线装置剪刀。
3. 操作缝纫机者应为受过培训、充分理解本书及使用说明书的内容之后，再进行操作使用。
4. 关于缝纫机机头上的危险、警告标志应熟读并理解[2.警告表示]，必要时应对使用者进行安全教育。
5. 最初使用的一个月应降低速度。请使用在最高转速的 $\frac{3}{4}$ 以下的转速。

警告

➤ 运转缝纫机中的注意事项

1.  在拆卸下护眼板、护指架、传动护罩等安全装置下，请不要运转缝纫机。
2.  缝纫机在运转中是很危险的，绝对不要将手放入机针下。
3. 缝纫机在运转中有危险，手指、头发、衣服请勿靠近针杆和自动切线装置剪刀附近。
同时，在上述场所，请勿放置剪刀、镊子、工具等。
4. 在不使用缝纫机时或者操作者离开缝纫时，一定要将电源开关关掉。
5. 停电时务必将电源关掉。

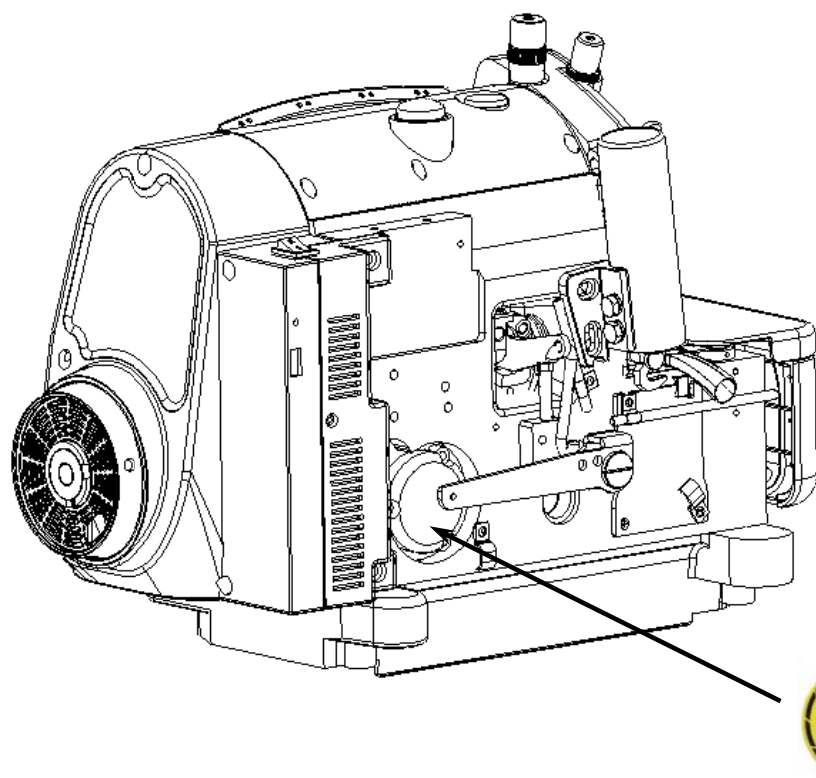
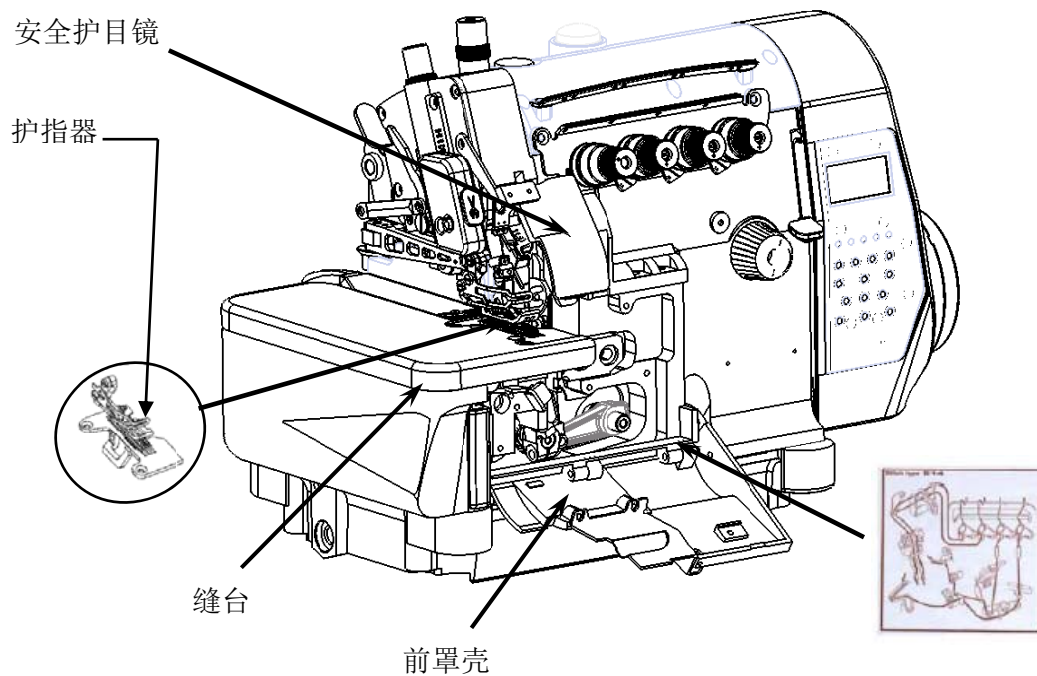
6. 在操作缝纫机时，请穿着不易被机械卷入的服装。
7. 缝纫机在运转中，请不要在缝纫机台板上放置工具及其他与缝纫无关的物品。

注意

➤ **维护、检查、修理**

1. 维护、检查、修理的作业应由受过特别训练的人并在充分理解本书及使用说明书的内容之后，再进行作业。
2. 为了维护、检查、修理要将缝纫机机头放倒时、务必将电源开关关掉，把电源插头从插座上拔下，并确认即使踩缝纫机踏板缝纫机也不会转动之后，再进行操作。
3. 对于缝纫机机头的日常检查或定期检查，应按照本书及使用说明书的指示，切实认真的进行。
4. 缝纫机的修理或部件的更换请使用原装部件。对于不恰当的修理、调整或使用假冒伪劣部件所造成的事故，本公司将不负一切责任。
5. 请不要根据顾客自己的判断对缝纫机进行改造。否则因改造而发生事故，本公司将不负一切责任。
6. 临时因修理、调整而拆卸下的安全装置、安全护罩，待作业完成后务必按原来的状态安装好。
7. 维护、检查、修理的作业完成后，请检查接通电源之后是否确实没有危险。

5. 警告标签粘贴的位置与安全保护装置



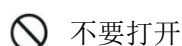
6. 安全保护装置

这个项目是为了使大家都知道各种安全保护装置，并记载了各部分的注意事项。



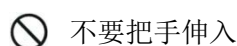
安全保护装置

➤ 护眼板



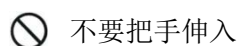
为了眼睛的安全，绝对不要在打开护眼板的状态下操作缝纫机。护眼板是为了在缝纫中针断了时，使断针不会飞入眼睛而安装的护眼罩。

➤ 护指架



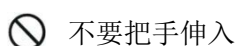
为了防止上下运动的机针与人接触而产生危险，在机针附近安装了护指架。但是，在护指架上方为了便于穿线而留有间隙，如果将手指从间隙伸入，机针有可能会刺上手指造成危险。

➤ 压脚



从针板表面压脚的上升量是 5mm 以上，这个间隙有夹手指的危险。在用膝盖开关抬升压脚时或用踏板自动抬升压脚时，请不要将手指伸入压脚上方。

➤ 前护盖



弯针的运动从缝纫机正面看时，是进行左右往复的圆弧运动。为了避免进行圆弧运动的弯针与人接触，务必请在前盖板闭合的状态下操作缝纫机。

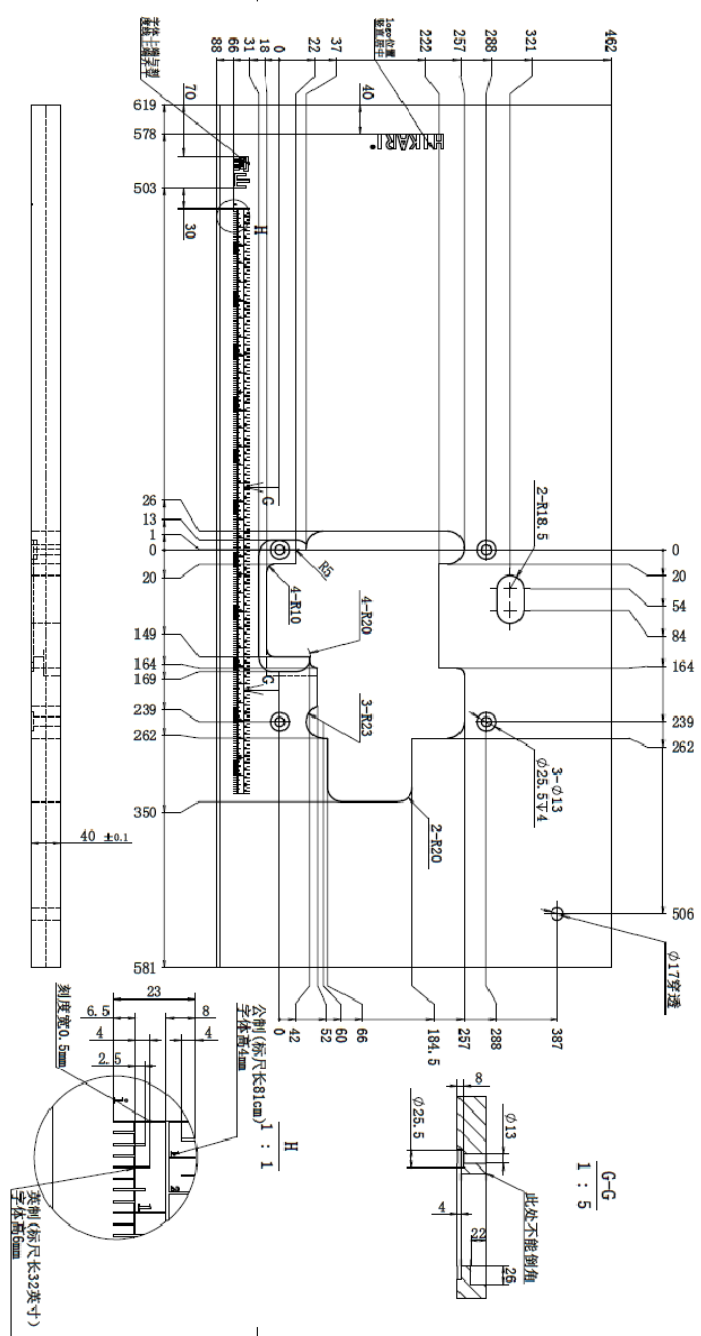
➤ 大盖



缝纫机在运转中，为了避免链弯针打线凸轮和弯针与热接触，请务必在关闭大盖的状态下操作缝纫机。

7. 日常操作中应了解的常识问题

➤ 台板的加工图



(图5)

➤ 关于供油



注意

在加机油或换机油时，请务必使用本公司提供的机油。如果使用提供以外的机油，有可能损坏缝纫机。

1. 使用的油类

请使用本公司提供的“HIGH SPEED SEWING MACHINE OIL”（高速低粘度润滑油）（ISO 粘度等级/VG22）

2. 供油的方法(图 6)

揭开供油口的盖子,加油至油面到达油标尺的 H 线和 L 线中间。加完油后，请盖好供油口的盖子 1。

3. 油的规定量（图 6）

油标尺 2 的 H 线和 L 线表示着油量的上限和下限。

为使油面经常保持在 H 线和 L 线之间，请常常检查注意加油。

4. 用手加油（图 7）



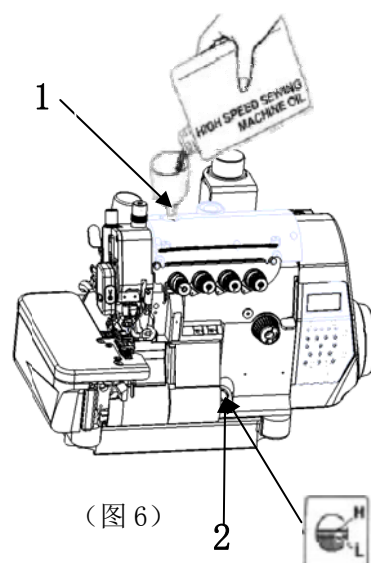
注意

在用手加油时，务必将缝纫机的电源关掉，将插头从电源插座上拔下来之后再行进行。

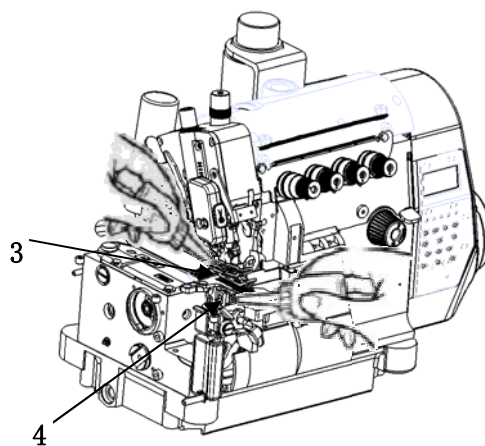
第一次使用缝纫机时，以及使用已有一段时间没有使用的缝纫机时，请用给油瓶在针杆 3 和上弯针台 4 处分别给油 2~3 滴。

5. 检查机油的循环状况（图 8）

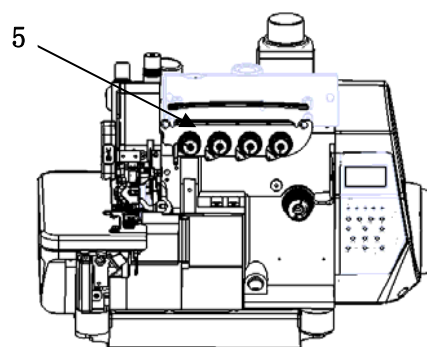
请在加完油后，踩下缝纫机踏板，使缝纫机运转，通过油窗 5 检查机油的循环状况是否良好。



（图 6）



（图 7）



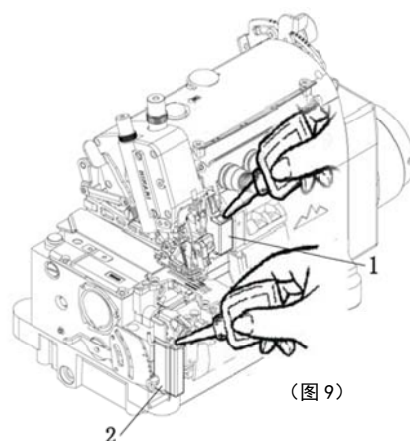
（图 8）

➤ 给 HR 装置供油

⚠ 注意

在给 HR 装置供油时，务必将缝纫机的电源关掉，将插头从电源插销上拔下来之后再进行。

在 HR 装置的硅油盒 1 和 2，为了防止机针断线加有硅油。请经常检查，请尽早补充硅油。（图 9）



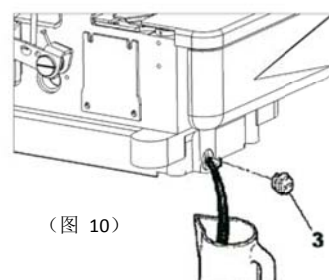
（图 9）

➤ 机油的更换

⚠ 注意

更换油时，请专业技术人员进行操作。

缝纫机在开始使用 1 个月后更换一次机油，然后请 6 个月更换一次机油。如果不更换机油继续使用，缝纫机有可能发生故障。



（图 10）

➤ 排油的方法

1. 请卸开油箱底座排油孔螺丝 3，排出旧油。
2. 排完油后，将排油孔螺丝 3 拧紧。（图 10）

➤ 检修和更换过滤器

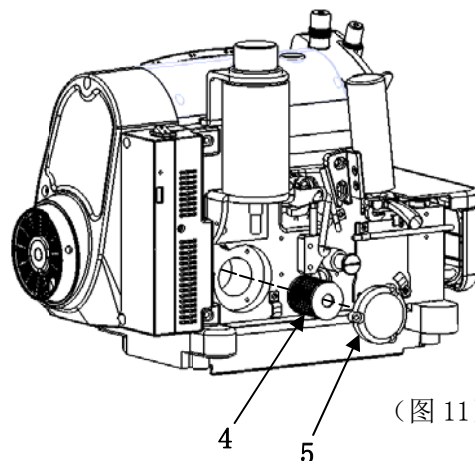
⚠ 注意

检修和更换过滤器时，务必将缝纫机的电源关掉，将插头从电源插销上拔下来之后，请专业技术人员进行操作。

当过滤器 4 有赃物等堵塞时，就不能正常给油。请每 6 个月拆卸过滤器 4，进行清扫或更换。

过滤器的拆卸方法（图 11）

请参考图，拆下 4~5 后，检查过滤器。当发现过滤器 4 伤痕严重无法使用时，请更换新的过滤器。



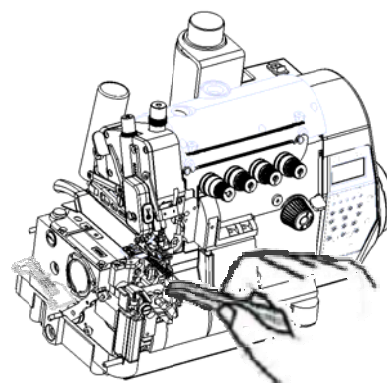
（图 11）

➤ 缝纫机的清扫

⚠ 注意

在清扫缝纫机时，务必将缝纫机的电源关掉，将插头从电源插销上拔下来之后再进行。

请打扫针板的空槽和送布牙周围。（图 12）



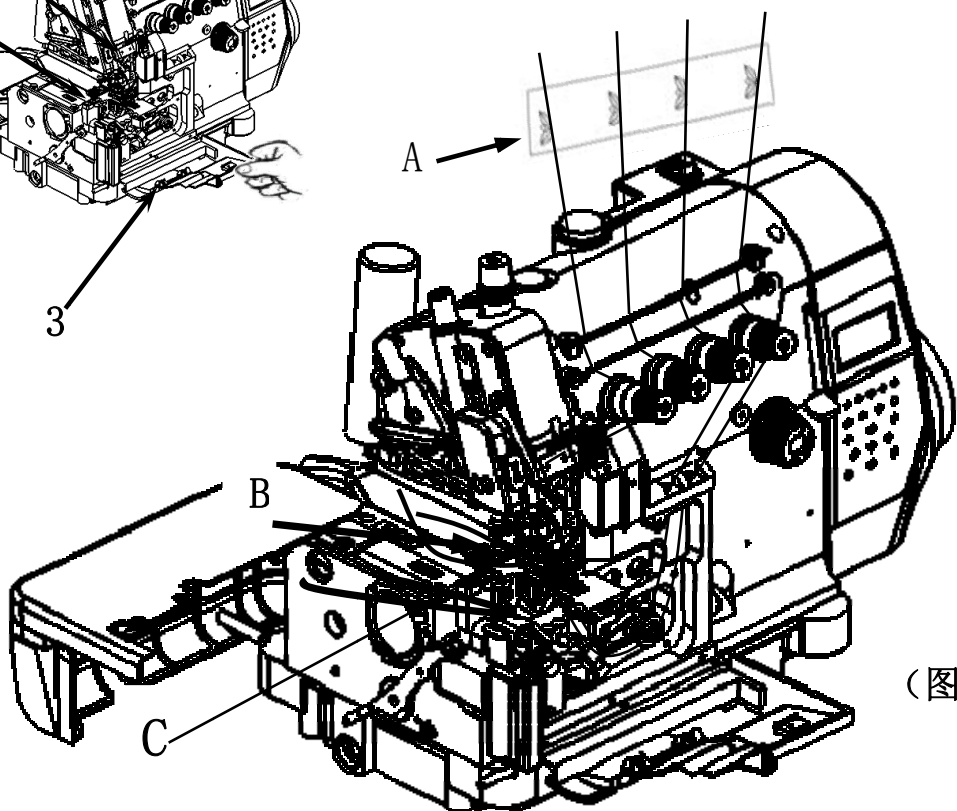
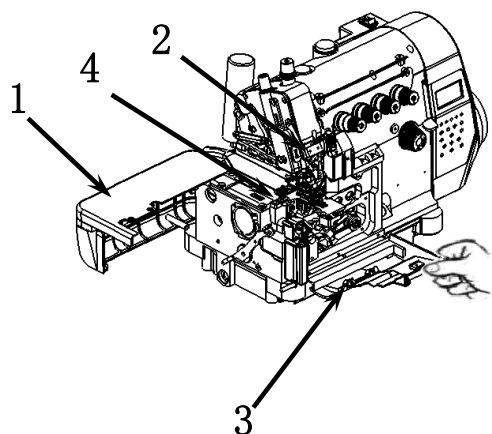
（图 12）

➤ 穿线的方法

⚠ 注意

在进行穿线时，务必将缝纫机的电源关掉，将插头从电源插销上拔下来之后再行。

(图13)



(图14)

1 请打开大盖 1、护眼罩 2、前罩 3、抬压脚臂 4。穿过线以后，请恢复到原来的位置。(图 13)

2 如果已穿好线时(图 14)

A 部：请将已穿好的线与缝纫机用线连接起来。

B 部：针线

把线的接头拉到针的跟前，先将接头剪掉，再将线穿过针。

C 部：弯针线、链弯针线

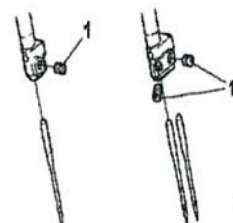
可一直将连接的接头穿好后，再用剪刀剪掉线头整好。

3 当缝纫机上没有线时看着贴在缝纫机上的穿线图，将线穿过去。



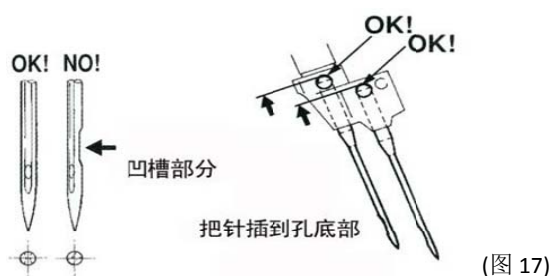
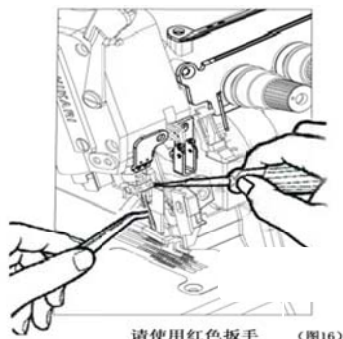
➤ 机针的更换

⚠ 注意



(图15)

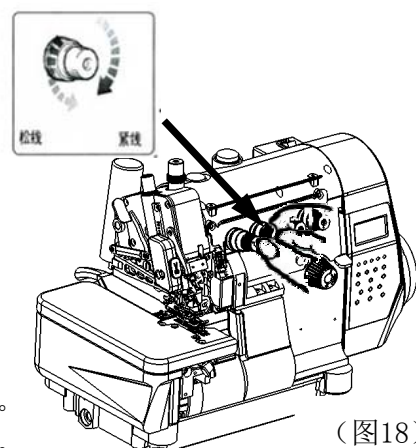
在更换机针时，务必将缝纫机的电源关掉，
将插头从电源插销上拔下来之后再进行。
请松动螺丝 1（但不能拔出螺丝），更换针。（图 15,16）
安装时，将针的凹槽部朝向正后方，插入针箍的针孔
中于最底端，拧紧螺丝 1。（图 17）



➤ 线状态的调节

线状态的调节请用针线调节旋钮、上弯针线调节旋钮和下弯针线
调节旋钮进行调节。（图 18）

想将线拉紧一些时，可将各旋钮向右旋转，想松一些时可向左旋转。
在能取得均匀且漂亮缝纫效果的情况下，尽量采用较松的夹线状态。
压脚的开和关



⚠ 注意

开和关压脚时，务必将缝纫机的电源关掉，将插头从电源插销上
拔下来之后再进行。

打开压脚时，（图 19）

1. 旋转手轮，将针置于最上边位置。
2. 压下压脚开关把手 1，打开抬压脚臂 2。

合上压脚时，（图 19）

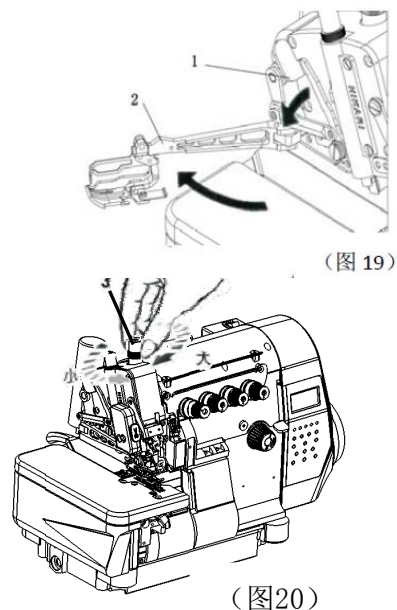
1. 旋转手轮，将针置于最上边位置。

➤ 压下压脚开关把手 1，将抬压脚臂 2 返回到原来的位置。

➤ 压脚压力的调节

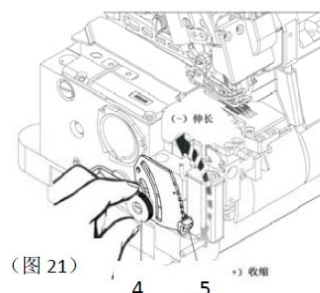
压脚的压力在送布能正确的进行，并且能缝出稳定针脚的
范围内，请尽量使用较小的压力为宜。

旋转调节螺丝 3，调节压脚的压力。（图 20）



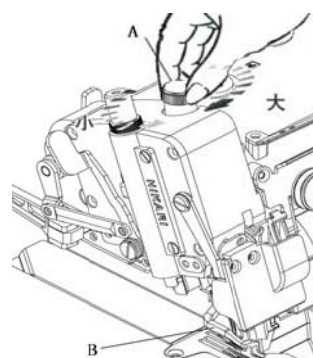
➤ 差动比的调节

- 1 松动螺母 4，将把手 5 压下时差动比变大，缝好的布料会
收缩。抬起把手 5 时，差动比变小，缝好的布料会伸长。
- 2 调节结束后，请拧紧螺母 4。（图 21）



➤ 上送布牙压力的调节

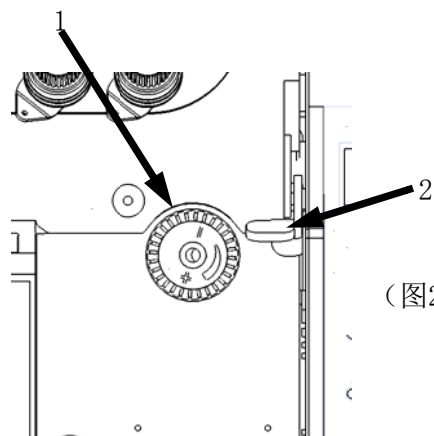
当上送布牙能够进行正常送布运动时，并且能缝出稳定针脚的情况下，尽量使用较小的压力为宜。旋转调节螺丝 A，如右图示方向调节上送布牙的压力。(图 22-1)



(图 22-1)

➤ 上送布牙前后方向的调节

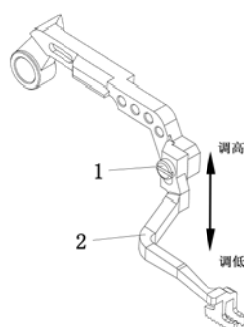
逆时针方向拧松调节旋钮 1，调节扳手进行操作，实现完成上送布牙前后方向的调节。(图 22-2)



(图22-2)

➤ 上送布牙上下方向的调节

使用一字型的螺丝刀拧松螺钉 1 进行调节上送牙上下方向的调节，调节高度如图示方向。(图 22-3)



(图22-3)

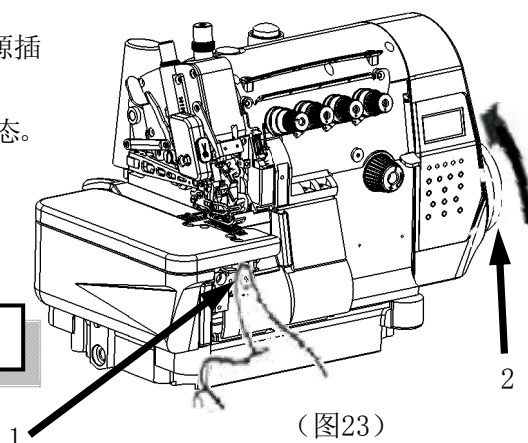
➤ 针脚长度的调节

⚠ 注意

在调节针脚长度时，务必将缝纫机的电源关掉，将插头从电源插销上拔下来之后再进行。

- 1 一边按着按钮 1，一边旋转手轮 2，将按钮置于更深的状态。(图 23)
- 2 顺时针方向旋转手轮，针距变大；逆时针方向旋转手轮，针距变小。

缝纫针脚长度的调节，请务必在调节差动比之后进



(图23)

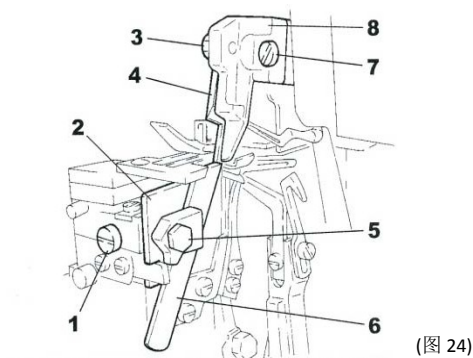
注意

调节刀片时，务必将缝纫机的电源关掉，将插头从电源插销上拔下来之后，请专门的技术人员进行操作。

刀片的刃部有划破手指的危险，操作时要特别小心注意。

上刀的更换

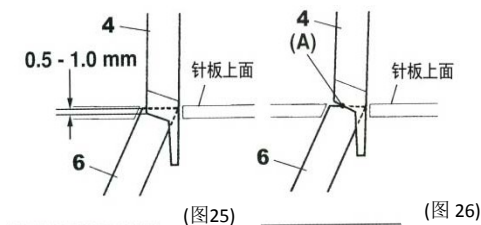
- 1 请松动螺丝 1，使下刀架 2 靠向最左边位置，使用螺丝 1 临时固定。
- 2 请拔出螺丝 3，拆掉上刀 4。用螺丝 3 临时固定新的上刀，旋转手轮，将上刀架置于最下边位置，上下移动上刀进行调节，使上刀和下刀相互咬合 0.5~1.0mm 的深度，拧紧螺丝 3。
- 3 将上刀 4 的刀中央 (A) 点对准与下刀 6 的刀中央部相交叉的位置 (请参照图 26)，松动螺丝 1，确认上刀和下刀没有间隙之后，拧紧螺丝 1。
- 4 在上下刀之间放入线，旋转手轮，确认可以顺利切断线。



(图 24)

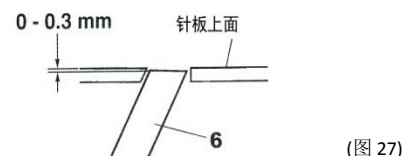
下刀的更换

- 1 松动螺丝 1，将下刀架 2 置于最左边位置，用螺丝 1 临时固定。
- 2 松动螺丝 5，取出下刀 6，更换新的下刀。调节下刀，使下刀的刀刃与针板上面的间隙尺寸为 0~0.3mm，拧紧螺丝 5。
- 3 根据更换上刀的项目 3.~4. 进行操作。



(图 25)

(图 26)



(图 27)

链幅的调节

- 1 松动螺丝 1，将下刀架 2 置于最左边位置，用螺丝 1 临时固定。
- 2 松动螺丝 7，左右移动上刀座 8，调节链幅。
- 3 根据更换上刀的项目 3.~4. 进行操作。

刀的研磨方法



上刀的材质为超硬合金，可在很长时间内不需要研磨。刀的切断变钝时，请研磨下刀。

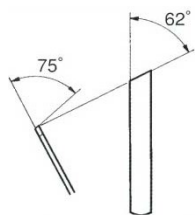
下刀的研磨方法 (图 28)

请参照图示正确地进行研磨。

研磨方法不对时会使刀变钝，不能很快切断，请予注意。

上刀

研磨上刀时，需要使用特殊的研磨机，最好由购买特约店委托我公司代为研磨。为了提高作业效率，请准备好备用上刀。



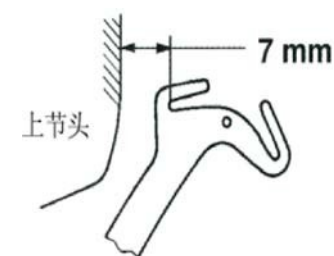
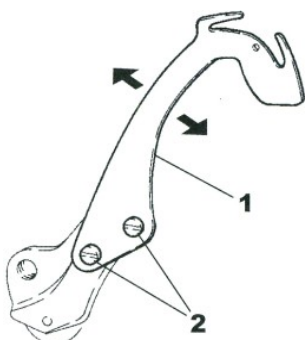
(图 28)

➤ 针打线片的标准安装位置和调节

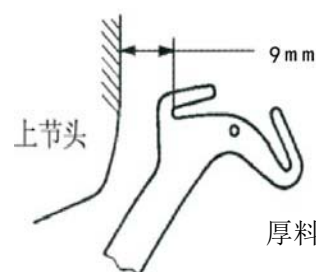
⚠ 注意

调节针打线片时，务必将缝纫机的电源关掉，将插头从电源插销上拔下来之后，请专业技术人员进行操作。

转动手轮当针打线片 1 处于最下方的位置时，请调节上节头部前面到针打线片的尺寸。进行调节时，请松动螺丝 2 进行调节。



(图 29)



(图 30)

➤ 针过线件的标准安装位置和调节

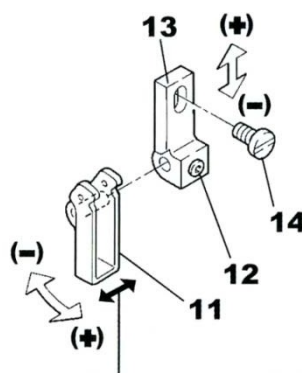
针过线件的安装位置因缝纫机的型号而异，以针打线片处于最下方位置和最上方位置时为标准，将各针过线件安装到符合其型号的位置处。

针过线件调节标准（图 31）

松动螺丝 12 和 14，沿箭头方向移动针过线件和针过线件托架 13 进行调节。

向图中符号 (+) 的方向调节时，线的抽出量增多，向符号 (-) 的方向调节时，线的抽出量减小。调节后，

请拧紧螺丝 12 和 14。

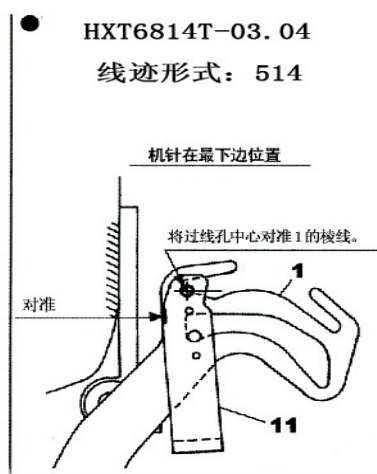


(图 31)

调节过线件 11 的左右位置，使针打线片处于双股部分的中心。

HXT6814T

针过线件的标准安装位置(图 32)



(图 32)

弯针打线片和过线件的标准安装位置与打线凸轮打线量的调节

 注意

调节打线凸轮时，务必将缝纫机的电源关掉，将插头从电源插销上拔下来之后，请专业技术人员进行操作。

- 1 弯针打线片 9 和 11 用下弯针最右边位置调节。各自的标准安装位置如下图所示。参与图示，请松动螺丝 10 和 12，调节弯针打线片 9 和 11。

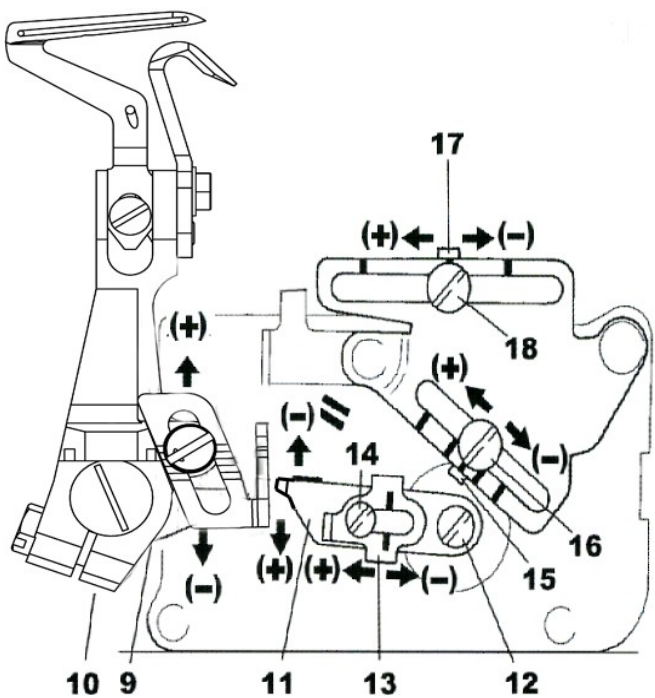
将弯针打线片 19 和 11 调节到图中 (+) 符号的方向时，打线量变大；调节到 (-) 符号的方向时，打线量变小。

- 2 弯针过线件 13、15、17 的标准安装位置如下图所示所示。

参考图，请松动螺丝 14、16 和 18，调节各弯着针过线件。

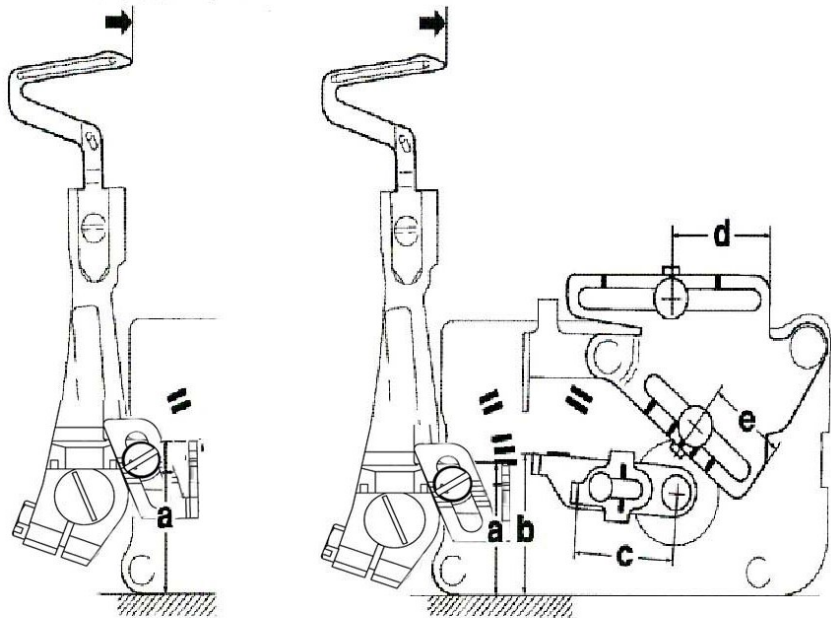
将各弯针过线件向图中的 (+) 符号调节时，线的打出量增多，向 (-) 符号调节时，线的打出量减小。（图 33）

弯针打线片和过线件的标准安装位置（图 34）



(图 33)

下弯针最右边位置



(图 34)

HXT6800T	(a)	(b)	(c)	(d)	(e)
HXT6814T-04	30	29	20	33.5	10.5

(mm)

HXT6800T	(a)	(b)	(c)	(d)	(e)
HXT6814T-03	26	29	28	21.5	14.5

(mm)

调节基准表

(mm)

子型号											
			(a)	(b)	(c)	(a)	(b)				
HXT6814T-03	10.5	3.8	13.5	5.5	10.5	0.5	0.2	0.7-0.9	5.5	1-6	4.5
HXT6814T-04	11.9	4.2	13.5	5.5	11	0.5	0.2	0.7-0.9	6	1-8	5.5

标准用针

子型号	DC×27
HXT6814T-03	#11
HXT6814T-04	#11

HX系列子型号规格表

Application 用途	布料厚度	子型号	针数(根)	线数(根)	针距(mm)	链幅(mm)	线迹长(mm)	差动比	压脚抬升量 (mm)	最高旋转数 (r.p.m.)
一般缝纫	中厚-厚	HXT6814T-03	2	4	2	4	0.6 - 3.8	0.7 - 2	5.5	6,700
	厚-特厚	HXT6814T-04	2	4	2	4	0.8-5	0.7 - 2	6	6,300

Safety attention

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 proper keep the manual so as to consult at anytime .
3. When using this 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 for needle ,looper, separator ,or replace hook .
 - 6-2 When change needle ,presser foot ,needle plate ,looper , separator ,feeding dog , needle guide ,stand ,cloth guideway device .
 - 6-3 When repair
 - 6-4 Nobody in the working site ,or leave working site
7. In case of The oil, lubrication grease used in the machine and the peripheral device flow into eyes or skin, or be drunk mistakenly, please wash 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 an high-frequency welding machine.
15. Electrical power plug should be installed by trained staff. Power plug must be connected to the grounding receptacle
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.
18. The instructions using the following two warning signs.

Safety instruction



Dangerous to operators, maintenance staff.



Special attention needed for safety.

Precautions for safety use of the machine



Dangerous

1. To prevent electric shock, please do not open the shell of the control box or touch the control box parts when power on.



caution

1. Please do not operate the machine when the safety devices ,such as, belt cover, eye protective cover are unload ,to prevent personal injury.
2. To prevent operator being rolled into machine to cause life accidents , please use those motor with motor protection cover .
3. Please do not operate the machine when the power ground wire is took away ,to avoid electric shock.
4. To prevent operator to be rolled into machine to cause life accidents , please do not put your fingers, hair, clothes near the belt pulley when the machine is running , and do not put anything above the machine.
5. To prevent personal injury, please don't let your fingers near to cloth cutting and needle after turning on the power or the machine in operation.
6. To prevent personal injury, when the machine is in operation, do not put your finger in the eye shield.
- 7.To prevent electric shock, electric leakage, fire accident, be sure to turn off the power of the sewing machine before unplug or insert the power plug with your hand.
8. To prevent personal injury due to sudden starts, be sure to turn off the power when leaving the machine.
9. To prevent personal injury due to machine sudden starts, turn off the power after a power outage.
10. In order to prevent personal injury due to machine sudden start, when disassembling motor shield, be sure to turn off the power and the foot pedal is firmly fixed.
11. To prevent personal injury due to sudden starts, when repair, adjusting, removing, threading, replacing stitch, be sure to turn off the power , and the foot pedal is firmly fixed.
12. To prevent personal injury due to falling the machine, please do not hand carry shield cover when sewing machine. Take shield cover off, the shield will open, this will result in the falling of the machine.

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1. preface

- This instruction manual describes how to use our products safely.
- Read this instruction manual and learn very carefully how to operate, adjust and service this sewing machine before beginning any of the procedures.

2. Warning label

To prevent accidents and ensure safety, warning indications which show the degree of danger are used on our products and in this manual.

Follow all warnings and instructions. Indication labels should be found easily. Attach new labels when they are stained or removed. Contact our sales department when new labels are needed.

Symbols, signs and/or signal words which attract users`attention

 DANGER	Indicates an immediate hazard to life or limb.
 WARNING	Indicates a potential hazard to life or limb.
 CAUTION	Indicates a possible mistake that could result in injury or damage

Symbols and messages

	Be sure to follow the instructions when operate the machine.
	It`s dangerous to get an electrical shock.
	It`s dangerous to injure your hands or fingers.
	Indicates a danger of burn injury due to high temperature.
	Never do this.
	Shut off the power when checking, adjusting and repairing the machine or when lightning may strike.
	Be sure to ground the machine and labor saying device securely.
	Denotes the normal rotating direction of the machine pulley.

3. Safety measures

➤ Using environment

The environment in which our industrial sewing machines are used may seriously affect their lives, functions, performance and/or safety.



For safety protection, please don't use machine in the following environment

1. Do not use the machine near objects which make noise such as a high-frequency welder, etc.
2. Do not use or store the machine in the air which has vapor from chemicals, or do not expose the device to chemicals.
3. Do not leave the machine outside, in high temperatures or the direct sun.
4. Do not use the machine in the places of high ambient temperature and humidity that seriously affects sewing machines.
5. Do not use the machine on the condition that the voltage fluctuation range is more than $\pm 10\%$ of the rated voltage.
6. Do not use the machine in the place where the supply voltage specified for the control motor cannot be properly obtained.

➤ Safety measures



(1) Safety protection during maintenance and examine of machines

- Always turn off the power unplug the machine and then make sure that the machine does not run by pressing the treadle before performing any maintenance, such as checking, repairing, cleaning, etc. However, if you need to perform these procedures with the power on, to prevent accidents due to the unexpected start of the machine and users' misoperation, establish your own procedures for safely and follow them.
- Always turn off the power and unplug the machine before performing the procedures shown below.
 - Add oil
 - Threading
 - Clean sewing machine
 - Change needle
 - Clean and replace the oil supply component
 - Change machine oil
- Please turn off the power switch before the following action
 - Adjust stitch
 - Adjust different stitch ratio
- Only well-trained people should perform routine daily maintenance and/or repair the machine.



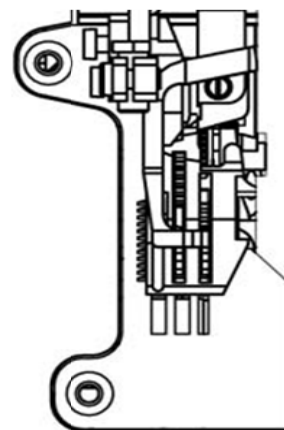
- Do not modify the machine yourself.

※Consult your local Hikari sales office or representative for modification.



(2) Before operating the machine

- Check the machine head and unit for any damage and/or faulty function at the start of each day. If there should be something wrong with the machine, immediately perform repair and/or other necessary procedures
- Make sure the thimble is fixed well
※Be care of the needle point
- Before starting the machine, make sure that the presser foot is positioned correctly(turn the machine pulley slowly by hand to see if the needle point is centered in the needle drop hole on the presser)(Fig.1)
- Check to see if the presser foot is secured(raise the presser foot by the foot lifter and press it by hand front to back and left to right)(Fig.2)

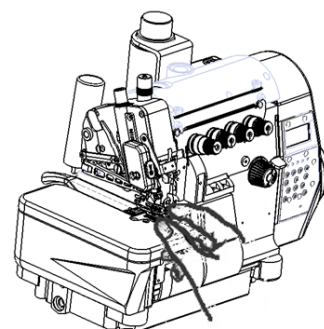


(Fig.1)



(3) Training

- To prevent accidents, operators and service/maintenance personnel should have proper knowledge and skills for safe operation. To ensure so, managers must design and conduct training for these people.



(Fig.2)

4. All attention matters in following operation

➤ Open carton

1. The machine is packaged in a cardboard box before shipping. Unpack your machine in orderly sequence while checking them right-side up by referring to the indications, such as logo, etc. printed on the boxes.
2. When take off the machine head from the cushion packing material, don't bring up those parts of machine needle or thread line device, or will happen dangerous or damage machine.
3. When take off machine head, please take care of the centrybaric position, be careful to take off.
4. Keep the cardboard box and packing carefully in case secondary transport is needed in the future.

Disposal of the packaging

- The packaging material of the machine consists of wood, paper, cardboard and VCE fiber. The proper disposal of the packaging is the responsibility of the customer.

Disposal of machine waste

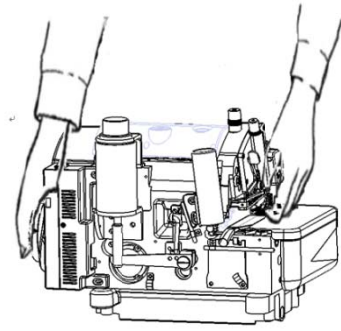
1. Customer take responsibility to dispose sewing machine waste
2. Some material like steel, aluminum, zinc etc which used to make sewing machine
3. The disposal of sewing machine waste should obey the rule of local environmental protection department. In necessity, please ask help from special factory to dispose these waste.

※For some oiled parts, please make disposal according to the regulation of local environmental protection.

warning

➤ **transportation**

1. Need two above person to carry sewing machine head .moreover , only sewing machine table can be carried by small trolley by people.
2. When move machine head , use right hand to hold the handwheel and motor cover , use left hand hold machine head ,to lift up with smoothly and fasten . (Fig.3) When sewing machine is stained with oil ,it is easy to slip from hand to be broken when carry it ,please clean well the oil before carry machine .
3. When carry machine table or carry machine by small trolley ,please note that don't powerful strike or shock ,so as to avoid sewing machine slope to cause danger .
4. If need re-transport sewing machine and make packing , please clean oil from machine head . otherwise ,the machine will slip away to broken machine head or the oil will deteriorate the packing material .



(Fig.3)

warning

➤ **Install and preparation**

sewing machine table

1. Please use those machine table which can hard enough to bear the weight of sewing machine head and the reactive force when carry machine .(table ,brandrich)
2. Please sufficient in consider the brightness of sewing machine parts and operation light ,put machine in easy-operation environment .if the brightness is not enough , please install lamp according to requirement .
3. When operate sewing machine , in order to avoid accident caused by slide foot from pedal ,so must install anti-skidding mat on the pedal .
4. According to the operator's pose , adjust the height of table (working status height)

warning

Wiring

1. Please check up the wire plug which connect machine head and motor .
Use wire to connect sewing machine head and motor ,make sure the power is off .
2. Don't put strong force when wiring .
3.  Don't overbending wire .
4. Close to the connection wire from moving parts , keep at least 25mm away to install .
5. In necessity , consider the connection location or put protection cover to protect the connection wire .
6.  Don't use pin when connect wires .



warning

Grounding

1. Each special ground wire is used for each sewing machine only , can not used for other sewing machine .
2.  Correctly install ground wire in the right place of machine head .



Warning



Use sewing machine oil

1. Don't operate machine before inject oil to the oil tray .pls use the exclusive lubricate oil for sewing machine .(equivalent ISO viscosity grade VG22)
2. Please wear protective glasses to avoid the machine oil enter into eyes and cause eye inflammation .
※In case ,the oil enter into eyes, please use water to wash at 15 minutes ,and go to doctor .
3. If skin touch machine oil , please use water and soap to wash immediately .
4.  Never allow machine oil enter into mouth .
5. Please keep the machine oil away from the place that kids can reach . in case the oil enter into mouth ,don't emesis , ask for doctor immediately .
6. Please correctly dispose the waste oil ,container according to the disposal measures from environmental protection law .if don't know the law ,pls contact the local agent ,and then make disposal .
7. In order to prevent dusty ,moisture from mix in ,please fasten down the oil tank cover to store oil after work , put in the shade place to keep .



Warning



Attention matters before operate sewing machine

Sewing machine table

1. Please make sure the connection wire or wire contact without damage ,shed ,loosen before power on .
2.  Don't put hands around machine needle or trimmer when power on .
3. The operator must had been trained and full understand this book and operation manual before they operate machine .
4. Must familiar and understand the dangerous and warning labels , when necessary , should make safety education toward the operators .
5. In the beginning use of the first month ,should reduce the operation speed . please use the three fourth of the max speed .



Warning

➤ attention matters when operating sewing machine .

1.  After take off the eyeshield board ,fingershield support ,transmission cover , don't operate sewing machine .
2.  Sewing machine is running is very dangerous , don't put hands under machine needle .
3. Sewing machine is running is very dangerous , make sure don't let finger ,hair ,cloth close to needle bar and automatic trimmer device .
4. When don't use sewing machine or leave sewing machine , please power off .
5. When power cut , please turn off power .
6. When operate sewing machine , don't wear some cloth which is easy to be rolling into machines .
7. When machine is running , don't put tools or some irrelevant items on machine table .

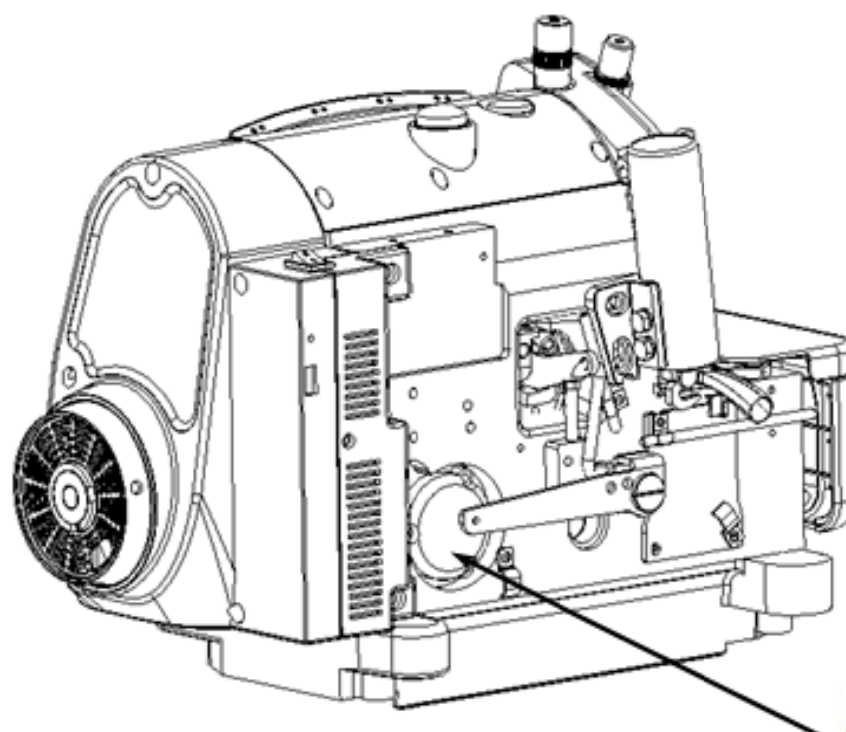
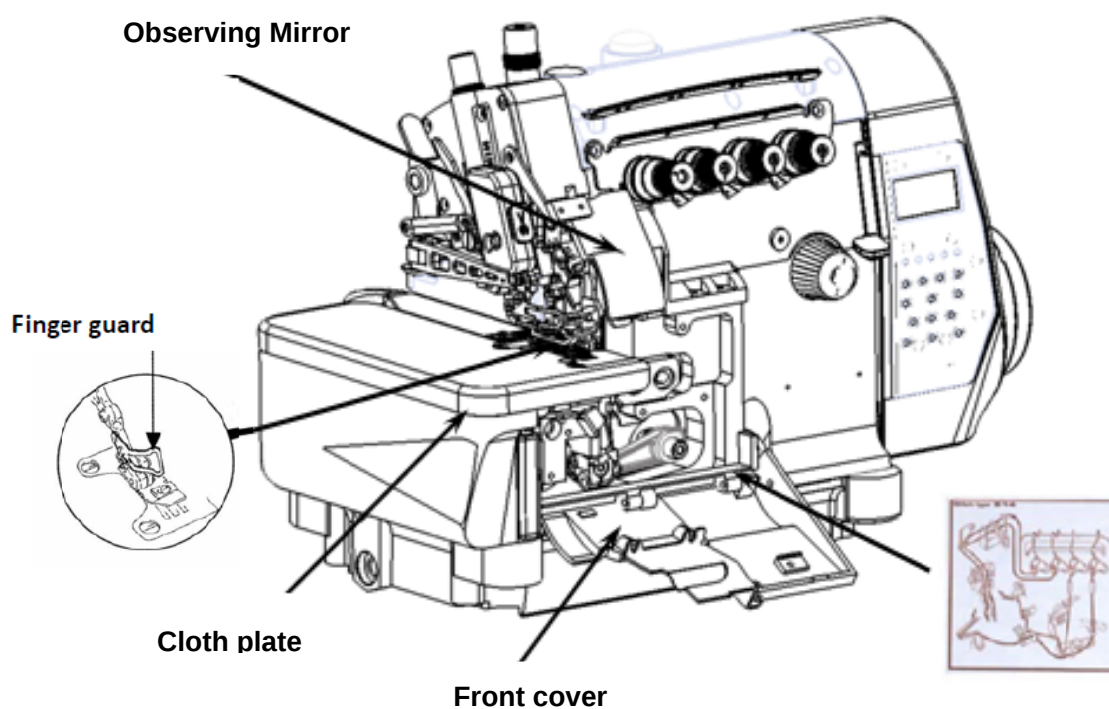


Note

➤ **maintenance ,inspection ,repair**

1. The work of maintenance ,inspection ,repair need some one who is gained special training and full understand this book and operation manual .
2. Please turn off power before lay down machine head to maintain ,check up ,repair sewing machine , unplug the power plug from socket , and make sure to operate sewing machine only in the condition that even use foot to press pedal ,the machine can not running .
3. For routing inspection and regular inspection toward sewing machine head ,please according to the instruction of operation manual .
4. Please use the original parts to repair and change parts , our company will not take responsibility for accidents which caused by improper repair or use fake and poor quality parts.
5. Don't modify sewing machine according to customer' judgment, otherwise our company don't take responsibility for accidents caused by this .
6. For the purpose of temporary repair ,adjustment to disassemble safety device ,safety protective shield , after work, please reinstall according to the original state .
7. After finish work of maintain ,inspection and repair sewing machine , please check-up whether it is safe after switch-on power .

5.The position of warning label and safety protective device



(Fig.4)



6. Safety protective device

This program is composed to let you know all the safety protective device , and record all the attention matters .



Note

Safety protective device

➤ Eye shield board

⊘ Don't open

For the eye safety purpose , don't open the eye shield board when operate sewing machine . eye shield board is the eye shield cover which can avoid the broken needle fly into eyes .

➤ Finger protective support

⊘ Don't stretch hands into

In order to avoid the danger that operator contact the up-down moving needle , install finger protective support around needle . but , above the finger protective support reserve space to convenient threading , if stretch finger into the space , there may be the danger that needle spur into finger .

➤ Presser foot

⊘ Don't stretch hands into

The distance from surface of needle plate and presser foot is above 5mm , there have danger of clamp finger in this space .when use knee contact to lift presser foot or use foot press pedal for automatic presser foot lift , don't stretch finger to the presser foot .

➤ Front protective cover

⊘ Don't stretch hands into

Look from front side of sewing machine ,the looper is moving in the circular motion . in order to avoid the looper contact operator , must operate sewing machine on the condition that the front cover is closed .

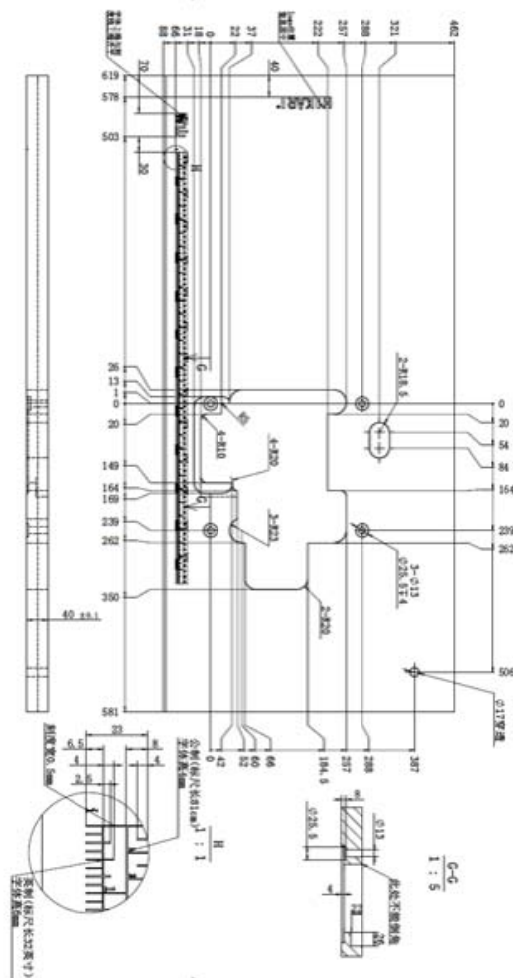
➤ big cover

⊘ Don't open

When mahine is running , in order to avoid the looper thread routing camshaft to contact with looper , please close the big cover .

7. General matters in daily operation

➤ **drawing of table**



(Fig.5)

➤ regarding oil supply



note

When add or change machine oil , please use the oil supplied by our company . if use oil from other company , may damage sewing machine .

1. oil category

Use we supplied “HIGH SPEED SEWING MACHINE OIL ”(high speed low viscosity lubrication oil)(ISO viscosity/VG22)

2. the method of supply(Fig.6)

Open the cover of oil supply mouth, add oil to the oil level between oil scale H and L .after adding oil ,cover the oil supply mouth .

3. The required amount of oil (Fig.6)

The H line and L line of The oil scale 2 marks the maximum oil amount and minimum oil amount .

In order to normally keep oil amunt between H line and L line , please often check and add oil .

4. Use hand to add oil (Fig.7)



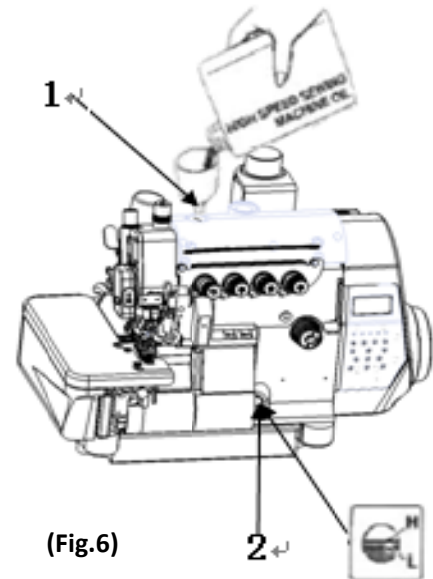
note

Before add oil by hands , please turn off the power ,and unplug the plug from socket

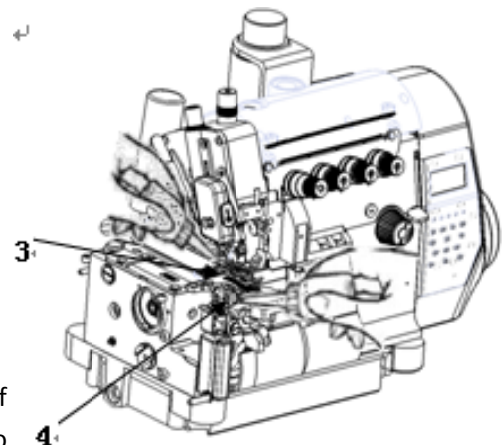
It is the first time to use sewing machine , or it is a period of time to use sewing machine again , please use oil supply bottle to add 2-3 drip of oil to the needle bar 3 and upper looper 4.

5. check the machine oil circulation condition (Fig.8)

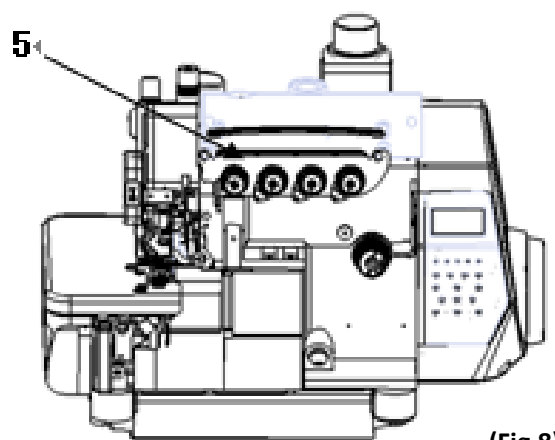
After add oil , press the sewing machine pedal , make machine running , check the oil cirsculation by oil window 5.



(Fig.6)



(Fig.7)

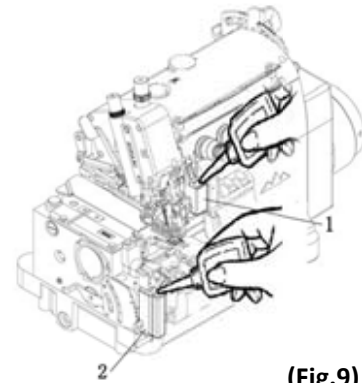


(Fig.8)

➤ supply oil for HR device

note

Before supply oil for HR device , please turn off the power ,
unplug the plug from socket .
often check and supplement silicone for the silicone oil
box 1 and 2 ,to avoid the thread broken caused by the neele in lack
of silicone oil . (Fig.9)



(Fig.9)

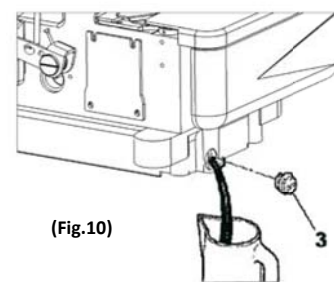
➤ change machine oil

note

Need professional technician to change oil .
Sewing machine need change oil after one month in the first
using ,after please change oil every six month . if don't change oil ,
the sewing machine may break down .

➤ the method of oil extraction

1. Please unscrew the screw 3 of the oil extraction hole on
the oil tank base ,drain out the old oil .
2. After oil extraction , please fasten the screw 3. (Fig.10)



(Fig.10)

➤ maintenance and change filter

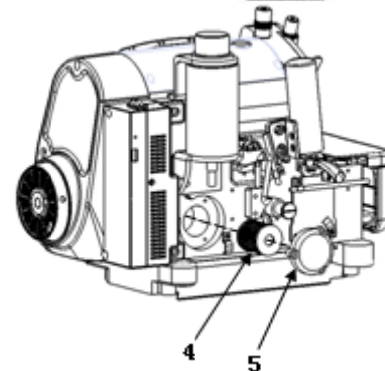
note

When maintenance and change filter ,please turn off the
power ,unplug the plug from socket , require professional
technician to operate .

When the filter is block by wate material , the filter would not
normally work . please Disassemble the filter 4 , make clean and
change .

To renmove the filter(Fig.11)

Please refer the drawing , after disassemble 4-5,
Check the filter . when find the fiter have badly scar ,
please change the filter .



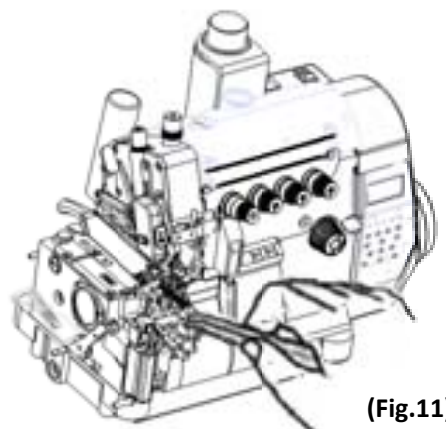
(Fig.10)

➤ clean the sewing machine

note

Before clean the sewing machine , pleae turn off the power ,
unplug the plug from socket .

Please clean the empty slot of the needle plate and
feed dog . (Fig.12)



(Fig.11)

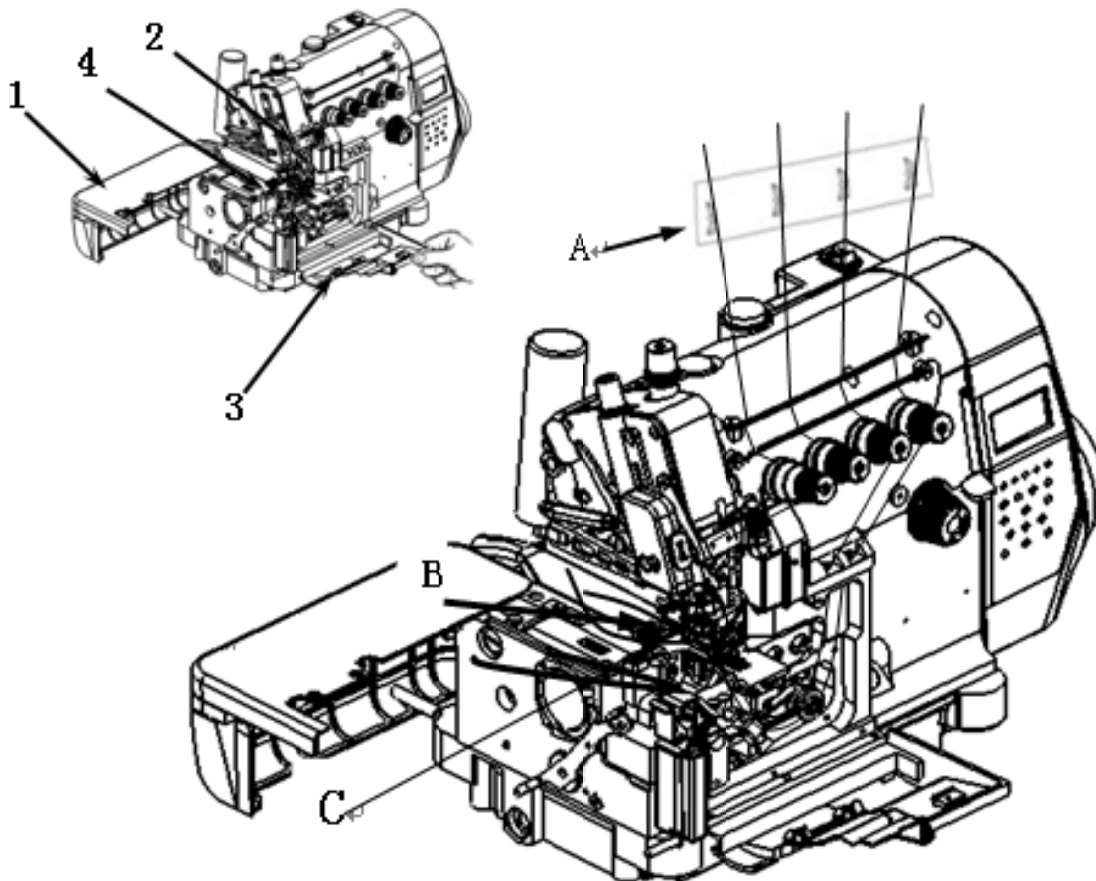
Safety instruction

➤ method of threading

note

Before threading , please turn off the power ,and unplug the plug from socket .

(Fig.13)



(Fig.14)

1. Open the big cover 1,eye shield cover 2,front cover3,the arm of presser foot 4. After threading , please restore to the original place .(Fig 13)

2. If already threading (Fig 14)

A:please connect the already threading and the sewing machine threading .

B: needles thread

Cutting the joint head first ,then threading .

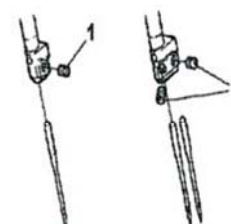
C: looper thread ,chain stitch looper thread

3. Threading according to the threading drawing



➤ change needle

note

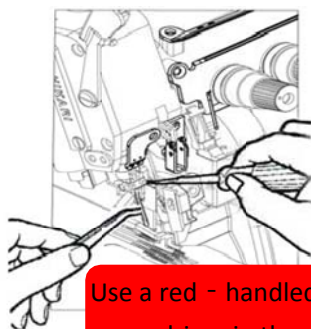


(Fig.15)

Before change needle , please turn off the power ,
unplug the plug from power socket .
Please loosen the screw 1(but don't pull off the screw)
to change needlw .

(Fig 15,16)

When install needles ,please place the the groove parts
of the needle to the right astern ,insert the needle to the
end of the thimble ,fasten the screw 1.(Fig17)



(Fig.16)

➤ the adjustment of thread tension .

Please use thread adjustment knob , upper looper adjustment knob and
down looper adjustment knob to adjust the thread tension .(drawing 18)
To turn by clockwise direction to tense the thread , to turn by
anti-clockwise to loose the thread .in the condition that realize beautiful
sewing stitch , it is better to adopt more loosen thread clamp status .

➤ open and close the automatic presser foot lift



note

before open and close automatic preffer foot lifer , please turn off the
power ,and unplug the plug from power socket .

When open presser fott ,(Fig 19)

1. Turn the handwheel , place the needle at the toppest position .
2. Press the presser foot switch handle 1, open the arm of presser foot lifter 2 .

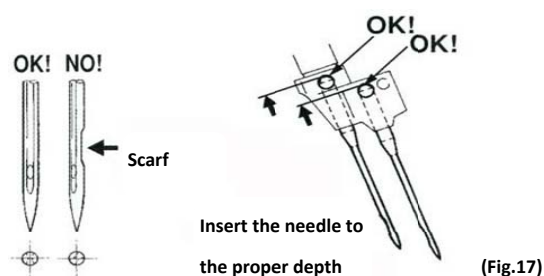
When close the presser foot ,(Fig 19)

1. Turn the handlewheel , place the needle to the toppest position .
2. Press the presser foot switch handle 1, return the arm of presser foot lifter to the original place .

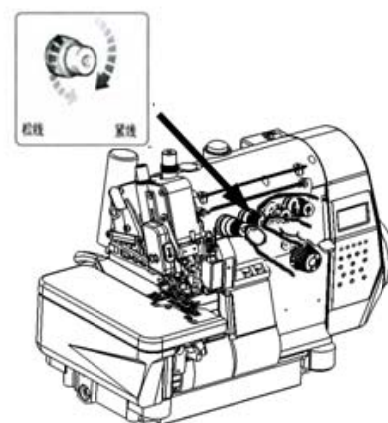
➤ the adjustment of press strength of presser foot

Under the condition that the feeding fabric can normal conduct , and
can sewing stable stitch , try to use smaller press strength .

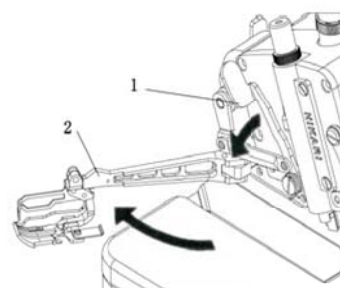
Turn the adjustment screw 3 to adjust the press strength of presser foot .(Fig 20)



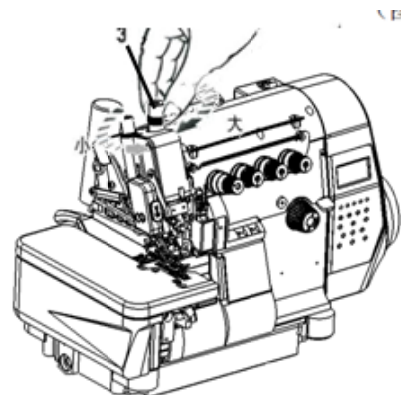
(Fig.17)



(Fig.18)



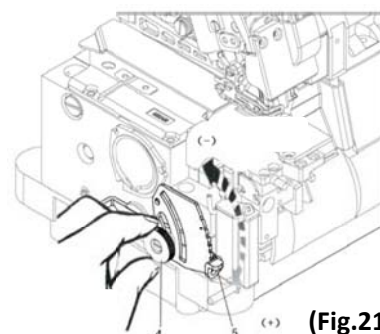
(Fig 19)



(Fig.20)

➤ The adjustment of differential ratio

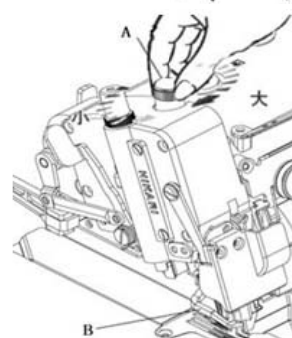
1. Loosen the screw 4 ,press handle 5 to increase the differential ratio ,
The already sewing fabric will shrink . uplift the handle 5 , the
differential ratio will reduced ,
The already sewing fabrice will extent .
- 2.After adjust the dirrerencial ratio , please fasten the screw 4 .
(Fig 21)



(Fig.21)

➤ The adjustment to the presser strength of upper feeding Dog

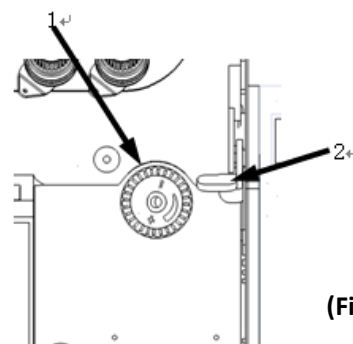
under the condition that the normally feeding fabric ,and
can swing the stable stitch try to use the smaller presse strength .
turn the adjustment screw A to adjust the pressure of upper
feeding dog according to the right drawing (Fig 22-1)



(图 22-1)

➤ Adjus the front –back direction of upper feeding dog

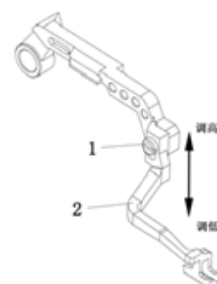
turn the adjustment screw 1 by anti-clockwise direction to
loosen the screw , push the adjustent lever2 ,to realize
the front – back direction adjustment of feeding dog
movement .(Fig 22-2)



(Fig.22-2)

➤ The adjustment of the up-down direction of feed dog

Use the screwdriver to loosen bolt 1 to adjust the the up-down
Moving height of feeding dog .(Fig 22-3)



(Fig.22-3)

➤ the adjustment to the stitch length

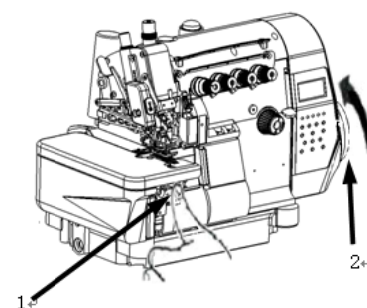
⚠ note

Before adust the stitch length ,please turn off the ower ,unplug the plug
from power socket .

1. Pree the button 1 , meanwhile to turn the handwheel2 ,
Pree the button to the more deep position .
2. Turn handwheel by clock-wise direction to large the stitch ; turn
handwheel by anti-clockwise direction to lessen the stitch .

note

Before adjust the stitch length ,please adjust the dirrerencial ratio .



(Fig 23)



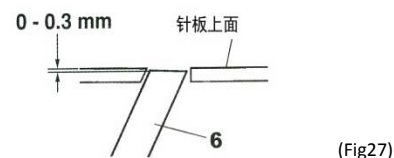
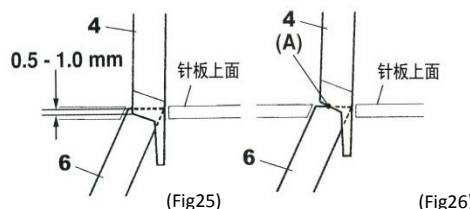
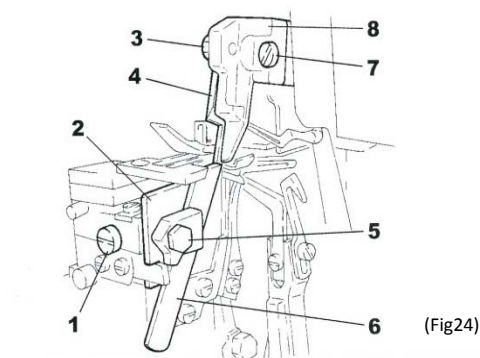
note

When adjust the knife , please turn off the power , unplug the plug from power socket , need special profession mechanician to do .

Please be careful that the blade of the knife have the danger of scratch the finger .

➤ change the upper knife

1. Please loosen the screw 1 ,lay the down knife support to the most left place , use screw 1 to make temporary fasten .
2. Please pull out the screw 3 , disassemble the upper knife 4 . use screw 3 to temporary fasten the new upper knife , turn handwheel , place the upper knife at the lowest position ,up-down moving the upper knife to adjust , and make the upper knife and downknife to occlude at deepth of 0.5-1.0mm ,and then fasten the screw 3.
3. Aim the centry point of upper knife to centry crossed parts of the down knife 6 (refer Fig26),loosen the screw 1, after confirm the no gap between the upper knife and down knife , fasten the screw 1.
4. Put thread between the upper knife and down knife , turn handwhee to make sure can smoothly cut the thread .



➤ change the down knife

1. Loosen the screw 1 , place the down knife support in the most left position , use screw 1 to temporary fasten .
2. Loosen the screw 5 , take out the dow knife 6 , change the new down knife . to adjust the down knife ,make the gap between the down knife blade and needle plate at 0-0.3mm ,and then fasten the screw 5 .
3. Operate according to the method 3 and method 4 of changing upper knife .(Fig27)

➤ the stitch width adjustment

1. Loosen the screw 1 , place the down knife support to the most left position , and use screw 1 to temporary fasten .
2. Loosen the screw 7 , move the upper knife base 8 by left and right direction , to adjust the stitch width .
3. Operate according to the method 3-4 of changing upper knife .

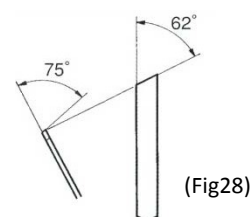
➤ the method of grinding knife



The material of upper knife superhard alloy , no need to grind in a long timme usage .when the knife is getting no sharp , please grind the down knife .

the grind method see(Fig 28),

if don't the correct method to grind knife , it will make the knife no sharp ,can not immediately cut the thread ,please note .



Safety instruction

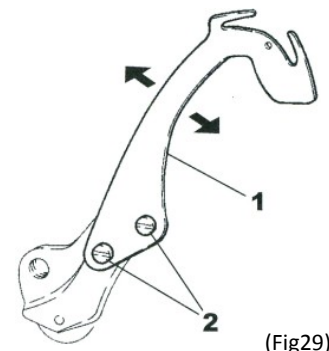
When grind upper knife , need use the special grinding machine , it is better to purchase the grinding machine from the special shop . in order to improve the working efficiency , please keep the upper knife in your stock .(see Fig 28)

➤ the standard install place and adjustment to the thread routing pieces

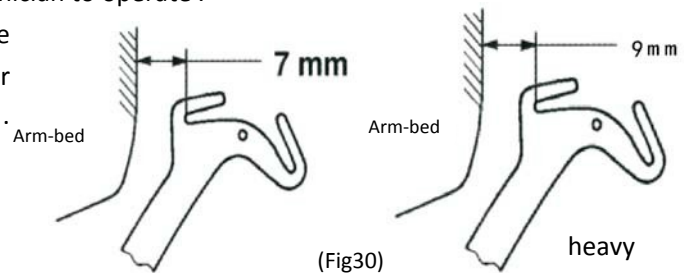
! note

Before adjust the thread routing pieces , please turn off the power and unplu the plug from power socket ,need professional technician to operate .

Turn the handwheel , when the thread routing piece 1 in the the lowest place , please adjust the upper segment to the thread routing piece dimension . when adjusting , please loosen the screw 2 to make the adjustment (Fig 29 , 30)



(Fig29)



(Fig30)

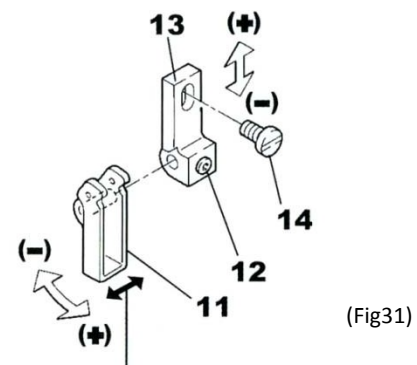
➤ the the standard installation place and adjustment of needle thread line piece

The install place of needle thread line piece is different as the different sewing machine model , the standard place is the needle routing line piece in the lowest and toppest position ,please install the needle thread line piece to the suitable sewing machine model of the correct place .

the adjustment standard of needle thread line pieces (Fig.31)

Loosen the screw 12 and 14 , ajust by moving the needle thread line piece by the arrow instruct direction and adjust the needle thread line support 13 .

Adjust to the (+)direction , the thread draw out will get more ,adjust to the (-)direction , the thread draw out , Will get less .after adjustment ,please fasten the screw12 and 14 .

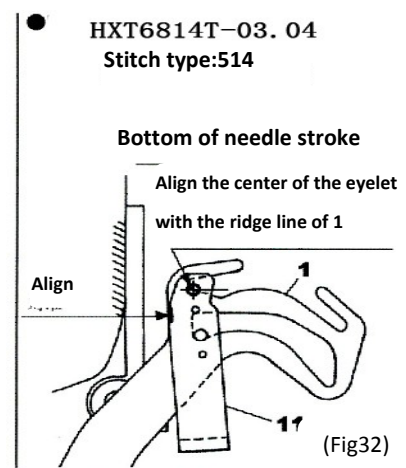


(Fig31)

Adjust thread guide 11 left or right so that the needle thread take-up is centered between the two prongs of each thread guide.

HXT6814T

The standard installation position of needle line piece (Fig32)



(Fig32)

- The standard installation position of looper routing piece and line pieces and the thread routing quantity adjustment of routing camshaft .

! note

Before adjust the routing camshaft ,please turn off the power ,unplug the plug from power socket , need professional technician to operate .

1. To adjust the looper routing piece 9 and 11 at the place of looper'most right .the standard installation place as per the drawing .
Please refer the drawing , loosen screw 10 and 2 , adjust the looper routing piece 9 and 11 .

Adjust the looper routing piece 19 and 11 to the (+) direction , the routing quantitative would become bigger ;adjust to the (-) direction , the routing quantitative would become smaller .

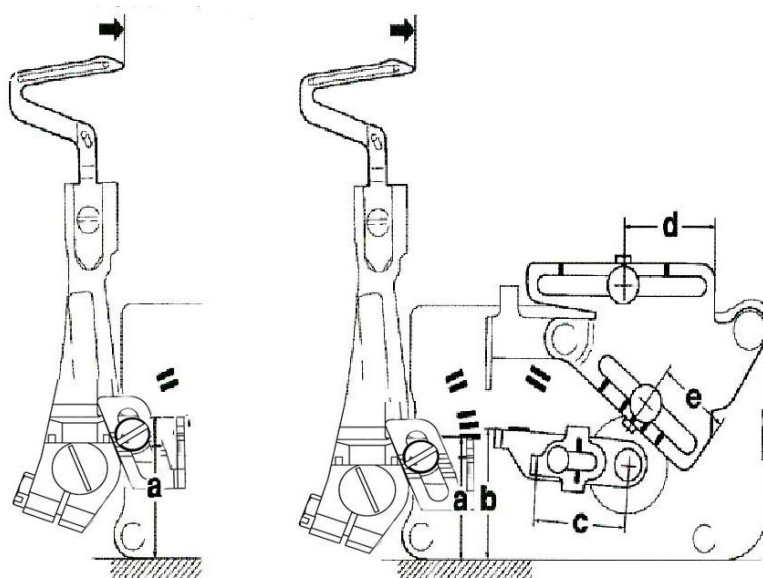
2. The standard installation place of The looper line piece 13,15,17 refer to the drawing .

Refer drawing , please loosen the screw 14,16 and 18 to adjust the every looper line piece .

Adjust every looper line piece to the (+)direction , the thread routing quantitative will get more big , to the (-) direction , the threading routing quantitative will get smaller .(Fig 33)

The standard install place of looper routing piece and line piece (Fig34)

the most right place of
down looper



(drawing 34)

HXT6800T	(a)	(b)	(c)	(d)	(e)
HXT6814T-04	30	29	20	33.5	10.5

(mm)

HXT6800T	(a)	(b)	(c)	(d)	(e)
HXT6814T-03	26	29	28	21.5	14.5

(mm)

The dimension adjusting table

(mm)

Subclas											
			(a)	(b)	(c)	(a)	(b)				
HXT6814T-03	10.5	3.8	13.5	5.5	10.5	0.5	0.2	0.7-0.9	5.5	1-6	4.5
HXT6814T-04	11.9	4.2	13.5	5.5	11	0.5	0.2	0.7-0.9	6	1-8	5.5

standard used needle

Subclass	DC×27
HXT6814T-03	#11
HXT6814T-04	#11

HX series sub-model specification

Application	the thickness of fabric	Subclass	Number of needle	Number of thread	Needle space	width of stitch	the length of stitch	Diff.feed rate	Presser foot lift	maxium speed
generalsewing	Medium-heavy	HXT6814T-03	2	4	2	4	0.6-3.8	0.7-2	5.5	6,700
	Extra heavy	HXT6814T-04	2	4	2	4	0.8-5	0.7-2	6	6,300

HXT6818T系列 DIRECT-DRIVE HIGH-SPEED
UP-DOWN FEEDING OVERLOCK MACHINE
直驱上下送布高速包缝机

使用说明书

INSTRUCTION MANUAL BOOK

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http:www.chinahikari.com



此说明书仅作参考，如有更改恕不另作通知。
This manual is only for reference.
IF there is any modification, we apologize for the changing hence caused.



通过 ISO9001:2008
质量管理体系认证

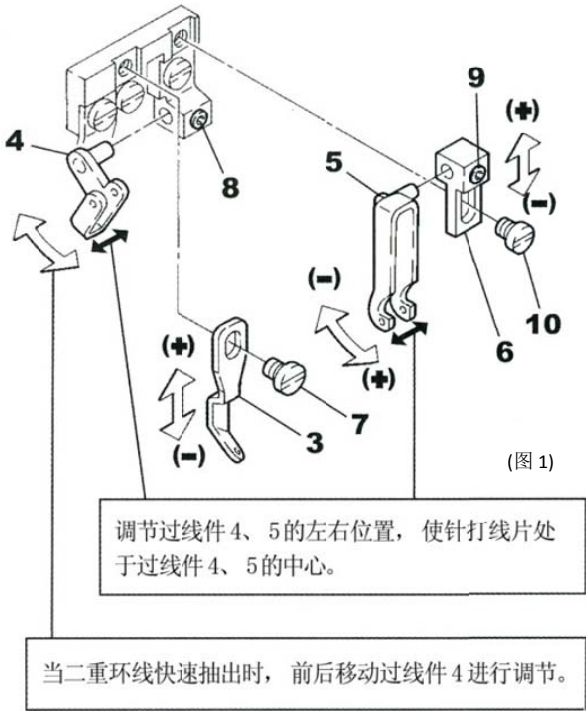
➤ 针过线件的标准安装位置和调节

针过线件的安装位置因缝纫机的型号而异，以针打线片处于最下方位置和最上方位置时为标准，将各针过线件安装到符合其型号的位置处。

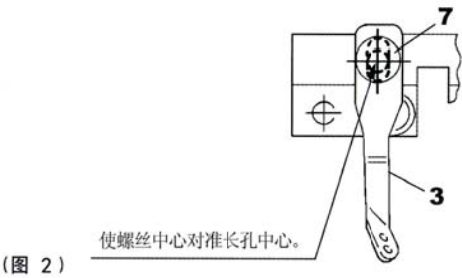
五线系列 针过线件调节标准（图 1）

松动螺丝 7~10，将针过线件 3~5 和针过线件托架 6 沿箭头方向移动进行调节。

向图中符号 (+) 的方向调节时，线的抽出量增多，想符号 (-) 的方向调节时，线的抽出量减少，调节后，请拧紧螺丝 7~10。



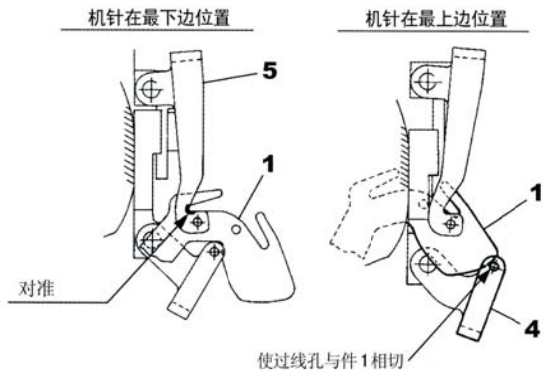
五线系列
针过线件的标准安装位置



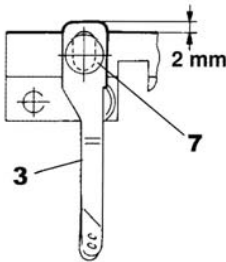
(图 2)

●HXT6816T-03

针脚形式: 516



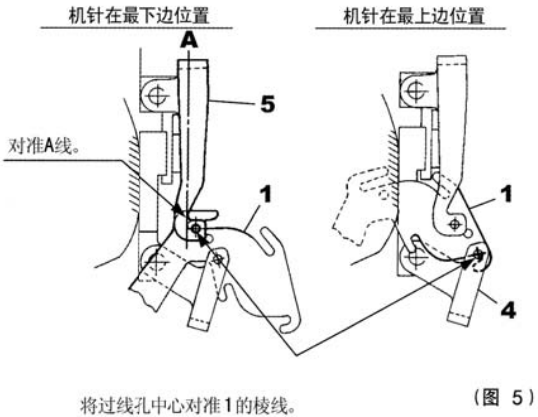
(图 3)



(图 4)

●HXT6816T-04

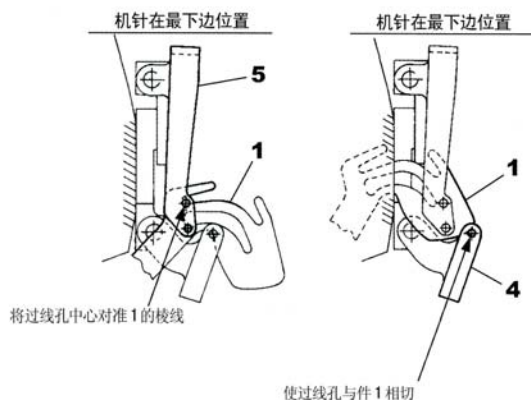
针脚形式: 516



(图 5)

●HXT6818T-03

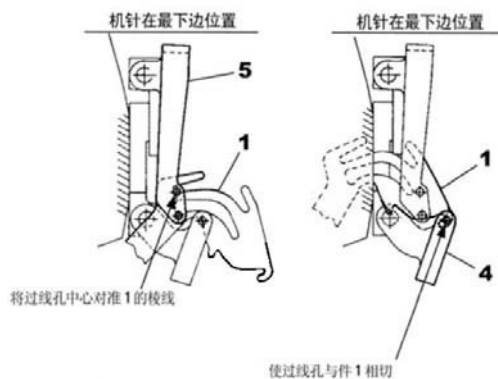
针脚形式: 516+401



(图 6-1)

●HXT6818T-04

针脚形式: 516+401



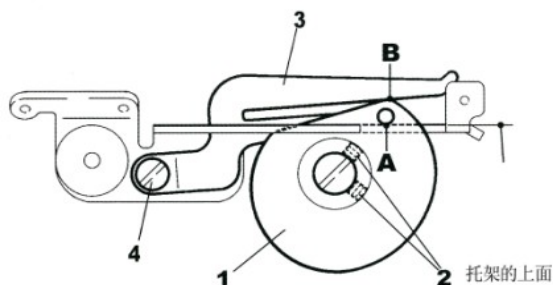
(图 6-2)

➤ 链弯针打线片和过线件的标准安装位置与打线凸轮打线量的调节

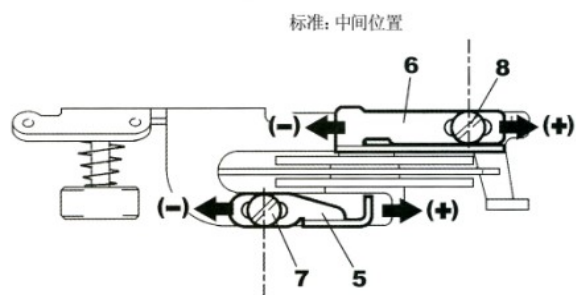
⚠ 注意

调节打线凸轮时，务必将缝纫机的电源关掉，将插头从电源插销上拔下来之后，请专业技术人员进行操作。

1. 旋转手轮，将针置于最上边位置。
2. 松动螺丝 2，旋转链弯针打线凸轮 1 进行调节，使链弯针打线凸轮 1 的 A 点和托架上面对准。 (图 7)
3. 松动螺丝 4，上下移动打线导轮 3，进行调节，使打线导轮 3 的 B 点对准链弯针打线凸轮 1 的 B 点。 (图 7)
4. 参考图示，松动螺丝 7、8，左右移动过线件 5、6 进行调节。将过线件 5、6 调节到图中的 (+) 符号方向时，打线量变大；调节到 (-) 符号的方向时，打线量变小。 (图 8)



(图 7)



标准: 中间位置

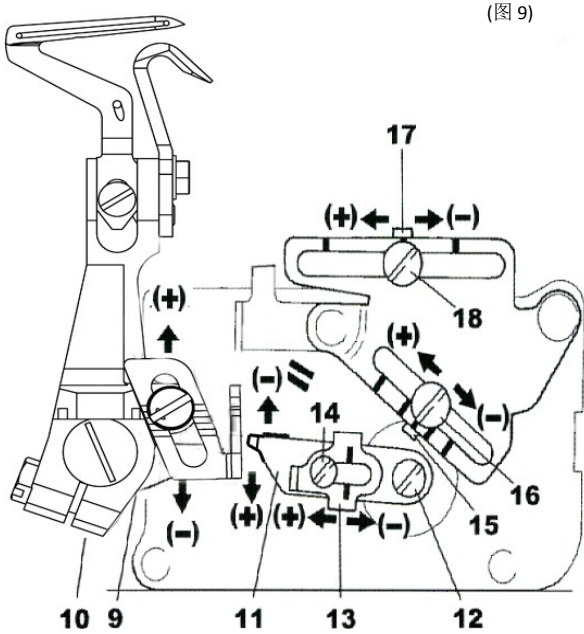
(图 8)

➤ 弯针打线片和过线件的标准安装位置与打线凸轮打线量的调节

⚠ 注意

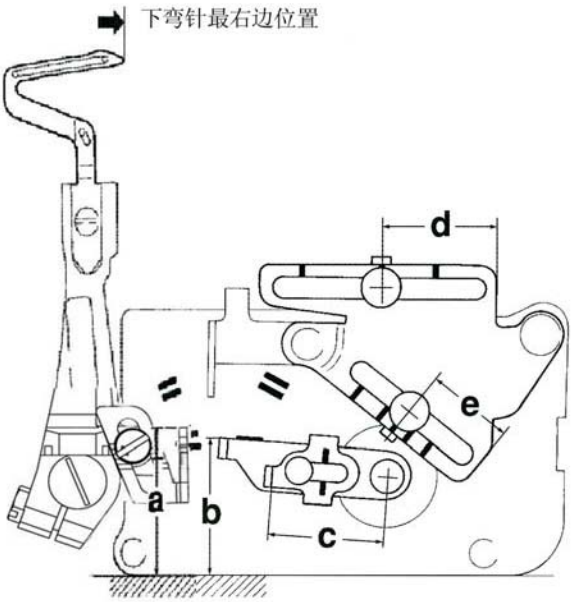
调节打线凸轮时，务必将缝纫机的电源关掉，将插头从电源插销上拔下来之后，请专业技术人员进行操作。

- 1 弯针打线片 9 和 11 用下弯针最右边位置调节。
各自的标准安装位置如下图所示。
参与图示，请松动螺丝 10 和 12，调节弯针打线片 9 和 11。
将弯针打线片 19 和 11 调节到图中 (+) 符号的方向时，打线量变大；调节到 (-) 符号的方向时，打线量变小。
- 2 弯针过线件 13、15、17 的标准安装位置如下图所示。
参考图，请松动螺丝 14、16 和 18，调节各弯着针过线件。
将各弯针过线件向图中的 (+) 符号调节时，线的打出量增多，向 (-) 符号调节时，线的打出量减小。（图 9）



(图 9)

弯针打线片和过线件的标准安装位置（图 10）



五、六线系列	(a)	(b)	(c)	(d)	(e)
HXT6816T-03	26	29	20	21.5	17.5
HXT6816T-04	30	29	20	33.5	10.5
HXT6818T-03	30	29	25	21.5	14.5
HXT6818T-04	30	29	20	33.5	10.5

(mm)

(图 10)

调节基准表

五、六线系列	 子型号			 (a) (b) (c)			 (a) (b)						
				(a)	(b)	(c)	(a)	(b)					
	HXT6816T-03	10.4 - 10.6	3.7 - 3.9	14.5	4.4 - 4.7	10.8	0.5	0.2	0.7 - 0.9	5.5	1.4 - 1.6	1-6	4.5
	HXT6816T-04	11.8 - 12	4.1 - 4.3	14.5	4.4 - 4.7	12	0.5	0.2	1.0 - 1.2	7	1.6 - 1.8	1-8	5.5
	HXT6818T-03	10.4 - 10.6	3.7 - 3.9	13.5	5.4 - 5.7	10.5	0.5	0.2	0.7 - 0.9	5.5	1.4 - 1.6	1-6	4.5
	HXT6818T-04	11.8 - 12	4.1 - 4.3	13.5	5.4 - 5.7	11.8	0.5	0.2	1.0 - 1.2	7	1.6 - 1.8	1-8	5.5

五、六线系列

标准用针

子型号	DC×27	
HXT6816T-03	# 14	
HXT6816T-04	# 21	
HXT6818T-03	# 11	
HXT6818T-04	# 21	

HX系列子型号规格表

五、六线系列

										
用 途	布料厚度	子型号	针数(根)	线数(根)	针距(mm)	链幅(mm)	线迹长(mm)	差动比	压脚抬升量 (mm)	最高旋转数 (r.p.m.)
无缝缝	中厚~厚	HXT6816T-03	2	5	3	4	0.6 - 3.8	0.7 - 2	5.5	6,300
	极厚	HXT6816T-04	2	5	5	6	0.8 - 5	0.8 - 1.5	7	6,300
	中厚~厚	HXT6818T-03	3	6	3×2	4	0.6 - 3.8	0.7 - 2	5.5	6,300
	极厚	HXT6818T-04	3	6	5×3	4	0.8 - 5	0.8 - 1.5	7	6,300

Be sure to study very carefully for safety

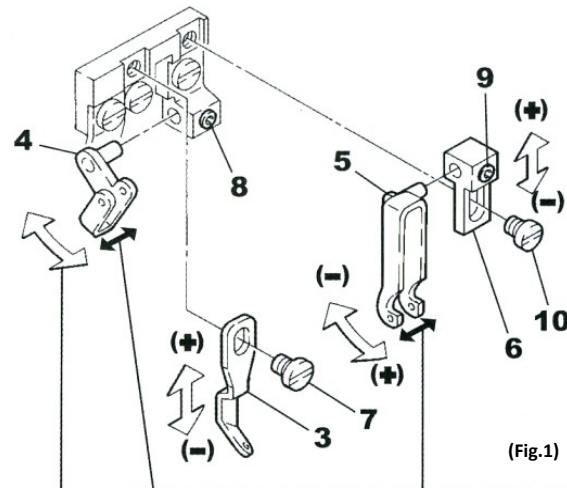
➤ **Positioning the thread guides/Adjusting the amount thread to be supplied from the needle thread take-up**

The location of each needle thread guide varies with types of machine. When the needle thread take-up is at the bottom and the top of its travel, position each needle thread guide according to the machine being used.

5 thread series Adjusting the needle thread guides (Fig.1) Loosen screws 7 to 10. Adjust thread guides 3 to 5, and needle thread bracket 6 by moving them in the direction of the arrows.

To increase the amount of thread to be supplied, move each thread guide, and needle thread bracket in the direction of (+). To decrease the amount of thread to be supplied, moving each thread guide, and needle thread bracket in the direction of (-).

After this adjustment, tighten screws 7 to 10.



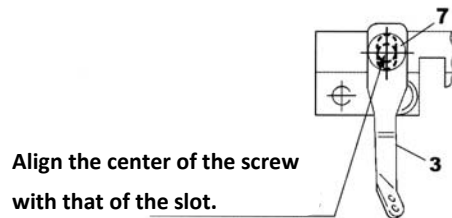
(Fig.1)

Adjust thread guides 4 and 5 left or right so that the needle Thread take - up is centered between the two prongs of each thread guide

If stitches are improperly formed by quick release of the needle thread from the looper in double chainstitching, adjust thread guide 4 by moving it back and forth.

5 thread series

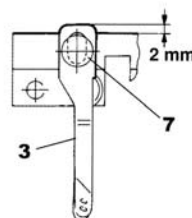
Positioning the thread guides



(Fig.2)

● HXT6816T-03

Stitch type:516



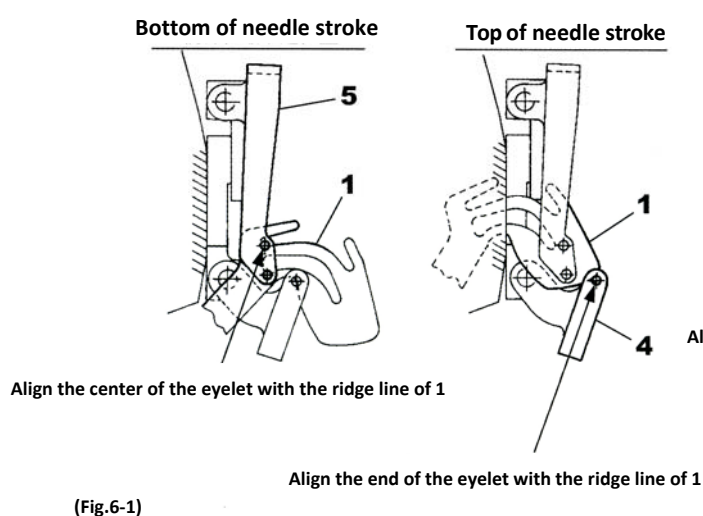
(Fig.4)

● HXT6816T-04

Stitch type:516

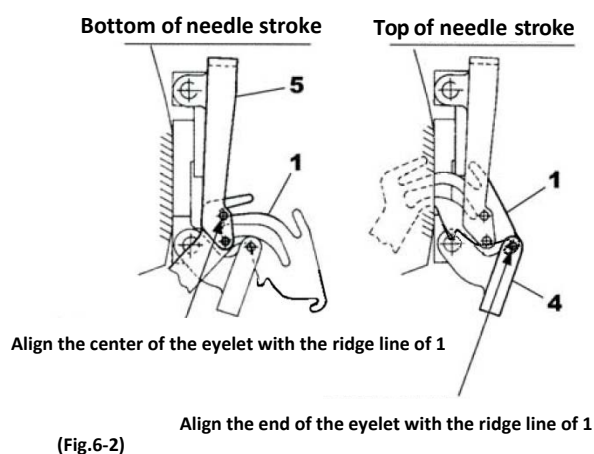
● HXT6818T-03

Stitch type:516+401



● HXT6818T-04

Stitch type:516+401

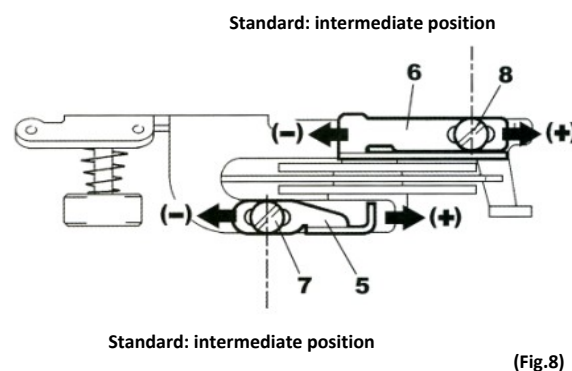
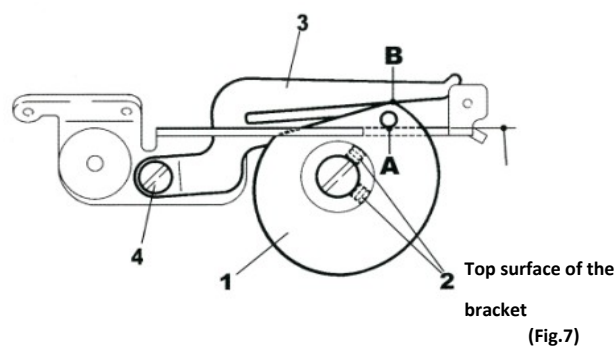


- **Positioning the front looper thread take-up and thread guides.Adjusting the amount of thread to be supplied from the looper thread take-up**

⚠ CAUTION

Always turn off the power,unplug the machine and then well-qualified technicians should adjust the thread take-up.

1. Turn the hand wheel until the needle is at the top of its stroke.
2. Align point A on double chainstitch looper1 with the top surface of the bracket.Adjustment is made by loosening screw4 and moving thread take-up guide3 up or down(Fig.7)
3. Align point B on thread take-up guide3 with point B on double chainstitch looper1.Adjustment is made by loosening screw4 and moving thread take-up guide3 up or down(Fig.7)
4. To adjust thread guides 5 and 6,loosen screw 7 and 8,and move guides 5 and 6 to the left or right(see the illustration).To increase the amount of thread,move thread guides 5 and 6 in the direction of (+).To decrease the amount of thread,move thread guides 5 and 6 in the direction of (-)(Fig.8)

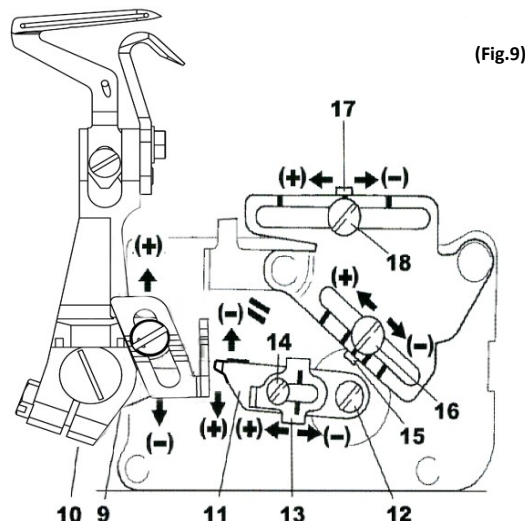


- **Positioning the looper thread take-up and thread guides. Adjusting the amount of thread to be supplied from the looper thread take-up**

CAUTION

Always turn off the power, unplug the machine and then well-qualified technicians should adjust the thread take-up.

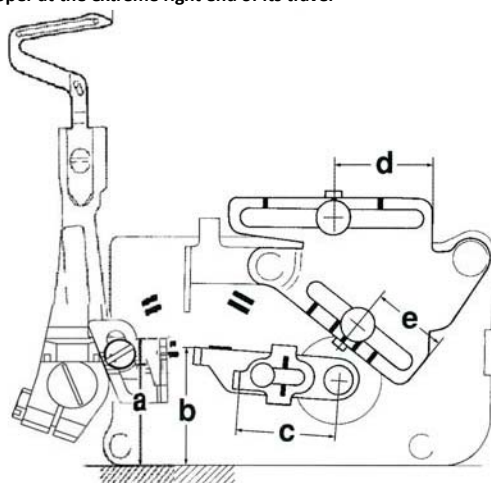
1. Adjust looper thread take-up 9 and 11 with the lower looper at the extreme right end of its travel. Position looper thread take-up 9 and 11 by referring to the table below. Loosen screws 10 and 12, and adjust looper thread take-up 9 and 11. To increase the amount of thread, move looper thread take-up 9 and 11 in the direction of (+). To decrease the amount of thread, move looper thread take-up 9 and 11 in the direction of (-).
2. The standard location of looper thread guides 13, 15 and 17 is shown on the next page. Loosen screws 14, 16 and 18, and adjust each looper thread guide (see the illustration). To increase the amount of thread to be supplied, move each looper thread guide in the direction of (+). To decrease the amount of thread to be supplied, move each looper thread guide in the direction of (-). (Fig. 9).



(Fig. 9)

The standard position of thread looper and thread guides (Fig. 10)

Lower looper at the extreme right end of its travel
下弯针最右位置



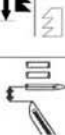
5 & 6 thread series	(a)	(b)	(c)	(d)	(e)
HXT6816T-03	26	29	20	21.5	17.5
HXT6816T-04	30	29	20	33.5	10.5
HXT6818T-03	30	29	25	21.5	14.5
HXT6818T-04	30	29	20	33.5	10.5

(mm)

(Fig. 10)

The dimension adjusting table

5 & 6 thread series

 子型号														(mm)
	(a)	(b)	(c)	(a)	(b)									
HXT6816T-03	10.4 - 10.6	3.7 - 3.9	14.5	4.4 - 4.7	10.8	0.5	0.2	0.7 - 0.9	5.5	1.4 - 1.6	1-6	4.5		
HXT6816T-04	11.8 - 12	4.1 - 4.3	14.5	4.4 - 4.7	12	0.5	0.2	1.0 - 1.2	7	1.6 - 1.8	1-8	5.5		
HXT6818T-03	10.4 - 10.6	3.7 - 3.9	13.5	5.4 - 5.7	10.5	0.5	0.2	0.7 - 0.9	5.5	1.4 - 1.6	1-6	4.5		
HXT6818T-04	11.8 - 12	4.1 - 4.3	13.5	5.4 - 5.7	11.8	0.5	0.2	1.0 - 1.2	7	1.6 - 1.8	1-8	5.5		

5&6 thread series

Needle standard

Subclass	DC×27	
HXT6816T-03	# 14	
HXT6816T-04	# 21	
HXT6818T-03	# 11	
HXT6818T-04	# 21	

HX series type form

5&6 thread series



Application	Fabric weight	Subclass	Number of needle	Number of thread	Needle space	Overage width	Stitch length	Diff.feed rate	Presser foot lift	Max speed
Plain seaming	Medium-heavy	HXT6816T-03	2	5	3	4	0.6 - 3.8	0.7 - 2	5.5	6,300
	Extra heavy	HXT6816T-04	2	5	5	6	0.8 - 5	0.8 - 1.5	7	6,300
	Medium-heavy	HXT6818T-03	3	6	3×2	4	0.6 - 3.8	0.7 - 2	5.5	6,300
	Extra heavy	HXT6818T-04	3	6	5×3	4	0.8 - 5	0.8 - 1.5	7	6,300

The dimension adjusting table

(mm)

 Subclas											
			(a)	(b)	(c)	(a)	(b)				
HXT6814T-03	10.5	3.8	13.5	5.5	10.5	0.5	0.2	0.7-0.9	5.5	1-6	4.5
HXT6814T-04	11.9	4.2	13.5	5.5	11	0.5	0.2	0.7-0.9	6	1-8	5.5

standard used needle

Subclass	DC×27
HXT6814T-03	#11
HXT6814T-04	#11

HX series sub-model specification

          										
Application	the thickness of fabric	Subclass	Number of needle	Number of thread	Needle space	width of stitch	the length of stitch	Diff.feed rate	Presser foot lift	maximum speed
generalsewing	Medium-heavy	HXT6814T-03	2	4	2	4	0.6-3.8	0.7-2	5.5	6,700
	Extra heavy	HXT6814T-04	2	4	2	4	0.8-5	0.7-2	6	6,300

HXT6800T 系 DIRECT-DRIVE HIGH-SPEED
UP-DOWN FEEDING OVERLOCK MACHINE
列 直驱上下送布高速包缝机

零件手册
PARTS BOOK

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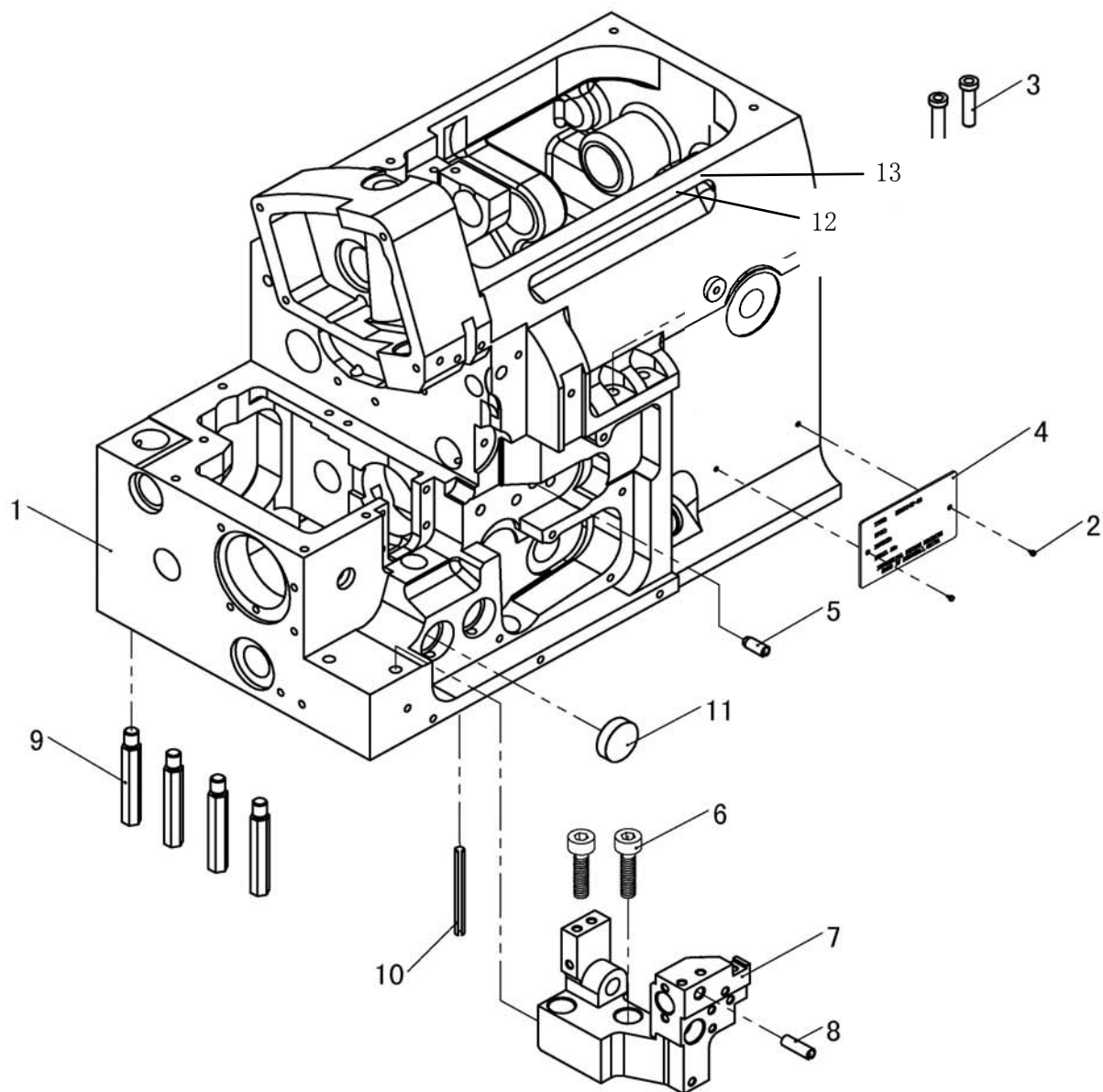


此说明书仅作参考，如有更改恕不另作通知。
This manual is only for reference.
IF there is any modification, we apologize for the changing hence caused.



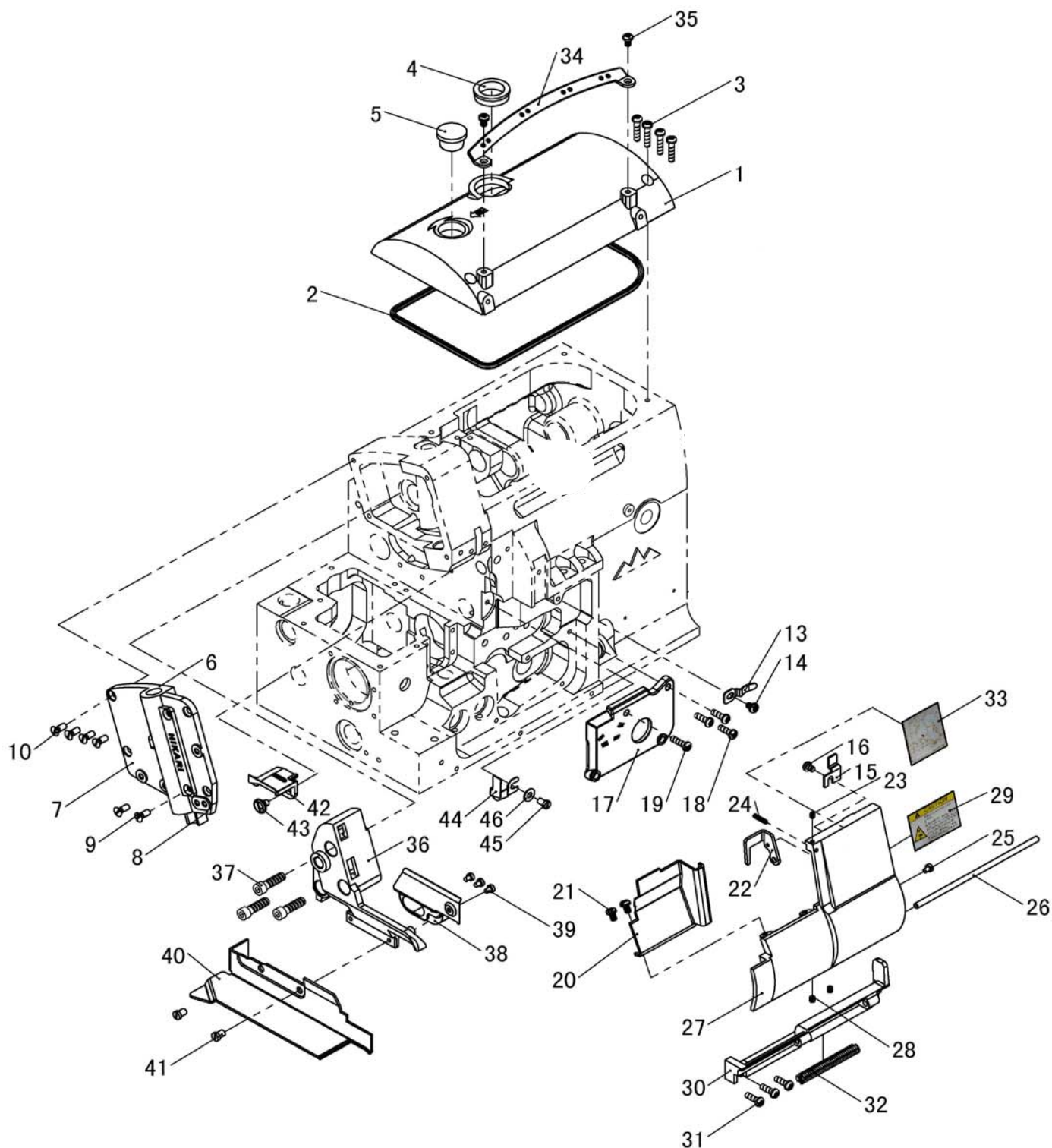
通过 ISO9001:2008
质量管理体系认证

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1. 机壳部分 Machine cover

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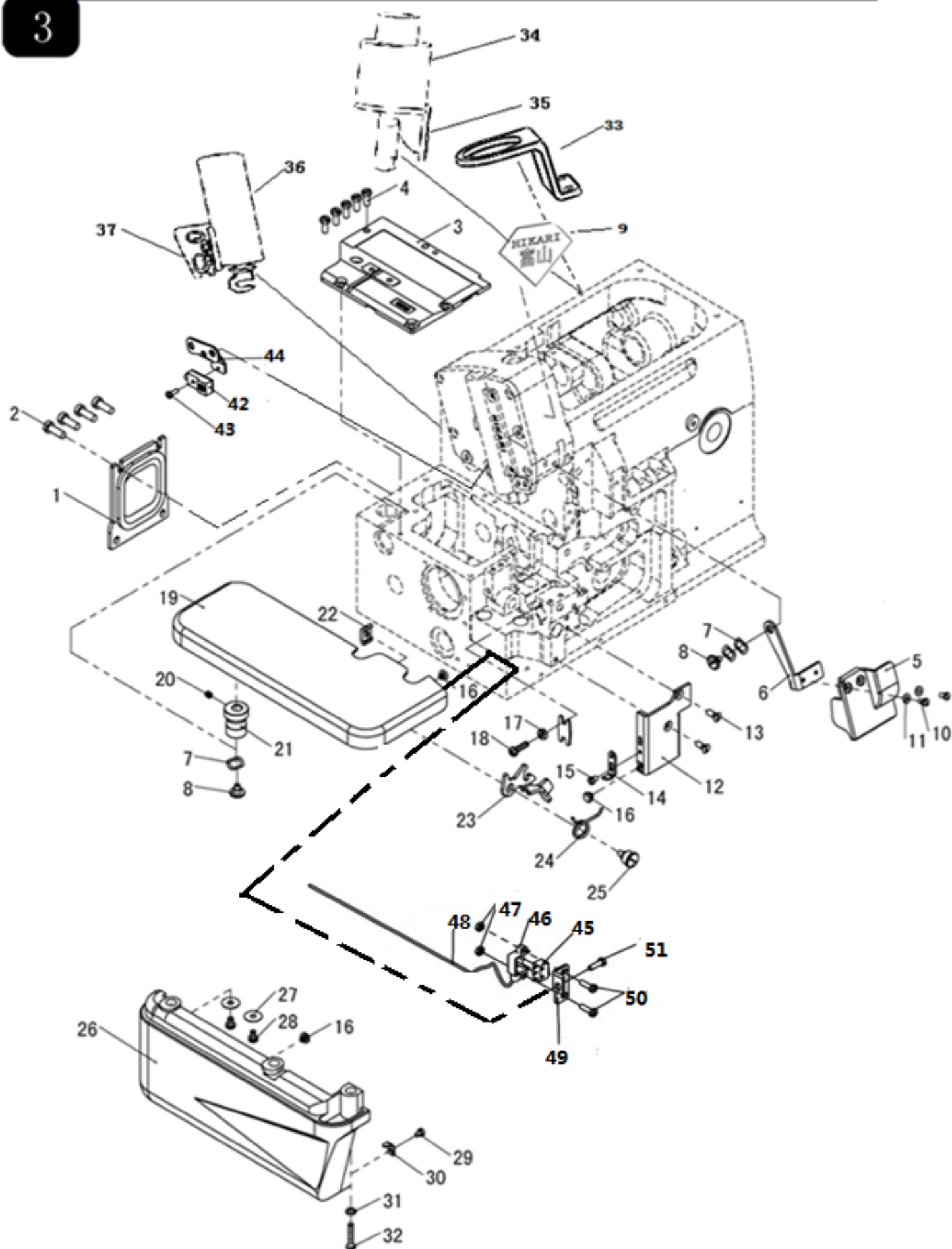


2. 密封部分(1) Airproof mechanism(1)

序号	图号	名称		4线	4线 厚料	5线	5线 厚料	6线	6线 厚料	备注
		中文	英文							
1	2102.08-01B2	上盖	Upper Cover	1	1	1	1	1		
2	2102.02-02	油封垫	Oil Reservoir Gasket	1	1	1	1	1		
3	01-404001623-1	上盖螺钉	Screw	6	6	6	6	6		
4	101.09-01	油窗	Oil Sight Window	1	1	1	1	1		
5	22-19807024	油塞	Oil Plug	1	1	1	1	1		
6	2101.02-03A	机头前盖组件	Front Cover ASM	1	1	1	1	1		
7	22-19807024	油塞	Plug	1	1	1	1	1		
8	09-0420408-1	波形垫片	Spring Washer	1	1	1	1	1		
9	01-104000721-1	机头前盖连接螺钉	Screw	1	1	1	1	1		
10	01-104001021-1	机头前盖固定螺钉	Screw	(4)	(4)					
11	2101.02-10	卡板	Cover	1	1	1	1	1		
12	01-604000621-1	M4×5.5螺钉	Screw	1	1	1	1	1		
13	201.02-13	前板锁紧舌	Cloth Waste Cover Stopper	1	1	1	1	1		
14	01-404000523-1	前盖板锁紧舌螺钉	Screw	1	1	1	1	1		
15	201.02-15	前盖板锁紧板	Cloth Waste Locket	1	1	1	1	1		
16	01-404000523-1	前盖板锁紧板螺钉	Screw	1	1	1	1	1		
17	201.02-17	前盖板	Cloth Waste Cover	1	1	1	1	1		
18	01-404001223-1	前盖板螺钉A	Screw	3	3	3	3	3		
19	01-404001423-1	前盖板螺钉B	Screw	1	1	1	1	1		
20	201.02-20	前盖板罩板	Cover	1	1					
	203.02-20	前盖板罩板	Cover			1	1	1		
21	01-404000623-1	前盖板罩板螺钉	Screw	2	2	2	2	2		
22	201.02-22	前盖板防转压板	Anti-rotating Clamp	1	1	1	1	1		
23	01-803000414-1	螺钉	Screw	1	1	1	1	1		
24	01-803001214-1	螺钉	Screw	1	1	1	1	1		
25	01-503000421-1	前盖板防转压板螺钉	Screw	1	1	1	1	1		
26	201.02-27	铰链销	Looper Cover Hinge Shaft	1	1	1	1	1		
27	201.02-28G1	前罩壳	Cover	1	1	1	1	1		
28	01-804000414-1	铰链销紧定螺钉	Screw	2	2	2	2	2		
29	101.01-13	安全指示牌	Safety-indicating Plate	1	1	1	1	1		
30	201.02-30	前罩壳下铰链	Hinge	1	1	1	1	1		
31	01-404001223-1	下铰链螺钉	Screw	3	3	3	3	3		
32	201.02-32	铰链销弹簧	Hinge Shaft Spring	1	1	1	1	1		
33	202.02-33A	穿线标识	Threading Sign	1	1					
	203.02-33A	穿线标识A	Threading Sign			1				
	204.02-33A	穿线标识A	Threading Sign				1			
	206.02-34A	穿线标识A	Threading Sign					1		
34	201.02-35G	过线板A	Thread Guide Plate	1	1	1	1	1	1	
35	01-404000623-1	过线板螺钉	Screw	2	2	2	2	2		
36	2101.02-05	托架	Bracket	1	1	1	1	1		
37	01-506002524-1	托架螺钉M6×25	Screw	3	3	3	3	3		
38	2101.02-06	盖板	Cover	1	1	1	1	1		
39	01-503000421-1	盖板螺钉M3×3.5	Screw	3	3	3	3	3		
40	2101.02-07	导布板	Fabric Guard	1	1	1	1	1		
41	01-645000621-1	M4.5×6螺钉	Screw	2	2	2	2	2		

2. 密封部分(1) Airproof mechanism(1)

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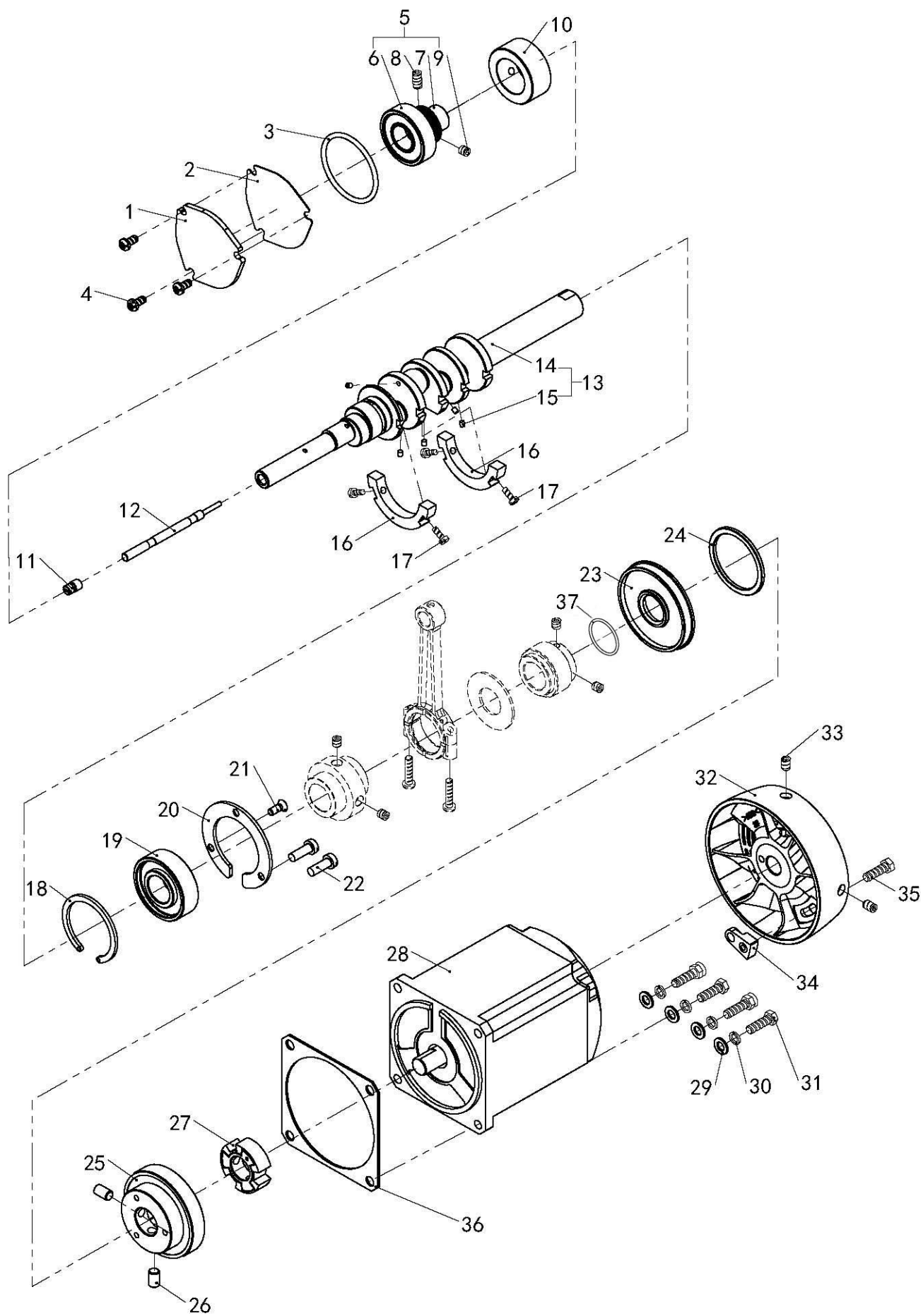


3. 密封部分(2) Airproof mechanism(2)

序号	图号	名称		4线	4厚	5线	5厚	6线	备注
		中文	英文						
1	201. 03-01	后盖板组件	Rear Cover ASM	1	1	1	1	1	
2	01-504001021-1	后盖板螺钉	Screw	4	4	4	4	4	
3	201. 03-03A	左上盖	Cover	1	1	1	1	1	
4	01-704000821-1	左上盖固定螺钉	Screw	5	5	5	5	5	
5	201. 03-05	观察镜	Observing Mirror	1	1				
	203. 03-05	观察镜	Observing Mirror			1	1	1	
6	201. 03-06C	观察镜支架	Mirror Bracket	1	1	1	1	1	
7	08-0700311-1	波形弹性垫圈	Cushion	3	3	3	3	3	
8	201. 03-08	台螺钉	Screw	2	2	2	2	2	
9	H0-001	面板贴（钻石形）	Series Card	1	1				
10	01-603000621-1	观察镜固定螺钉	Setscrew	2	2				
11	05-032050700-1	平垫圈	Ring	2	2				
12	201. 03-12	防护板	protective board	1	1				
13	01-104000721-1	防护板固定螺钉	Setscrew	2	2				
14	201. 03-14	压板	Pressure Board	1	1				
15	01-535000421-1	防护板压板固定螺钉	Screw	1	1				
16	201. 03-16	防震塞	Rubber Cushion	3	3				
17	03-604000320-1	调节螺母	Adjusting Nut	1	1				
18	01-404001623-1	调节螺钉	Adjusting Screw	1	1				
19	295. 03-22A	缝台组件	Cloth Base ASM	1	1				
20	01-804000414-1	缝台转动轴固定螺钉	Screw	1	1				
21	201. 03-24	缝台转动轴套	Eccentric Bushing	1	1				
22	201. 03-26	缝台闸固定板	Fix Board	1	1				
23	201. 03-27	缝台闸	Cloth Base Switch-type Stopper	1	1				
24	201. 03-28	缝台闸弹簧	Cloth Base Switch-type Spring	1	1				
25	201. 03-29	缝台闸固定螺钉	Screw	1	1				
26	201. 03-30G1	缝台下罩壳组件	Cloth Base Lower Cover ASM	1	1				
27	05-043201350-1	下罩壳垫圈	Lower Cover Gasket	2	2				
28	01-404000623-1	下罩壳固定螺钉A	Lower Cover Setscrew	2	2				
29	01-503000421-1	下罩壳压板螺钉	Pressure Board Screw	1	1				
30	201. 03-34	下罩壳压板	Lower Sover Pressure Board	1	1				
31	07-0421111-1	弹簧垫圈	Cushion	1	1				
32	01-404002023-1	下罩壳固定螺钉B	Setscrew	1	1				
33	2102. 26-01B	电磁铁固定板	Electromangnet flxing piate	1	1				

3. 密封部分(2) Airproof mechanism(2)

[illegible]

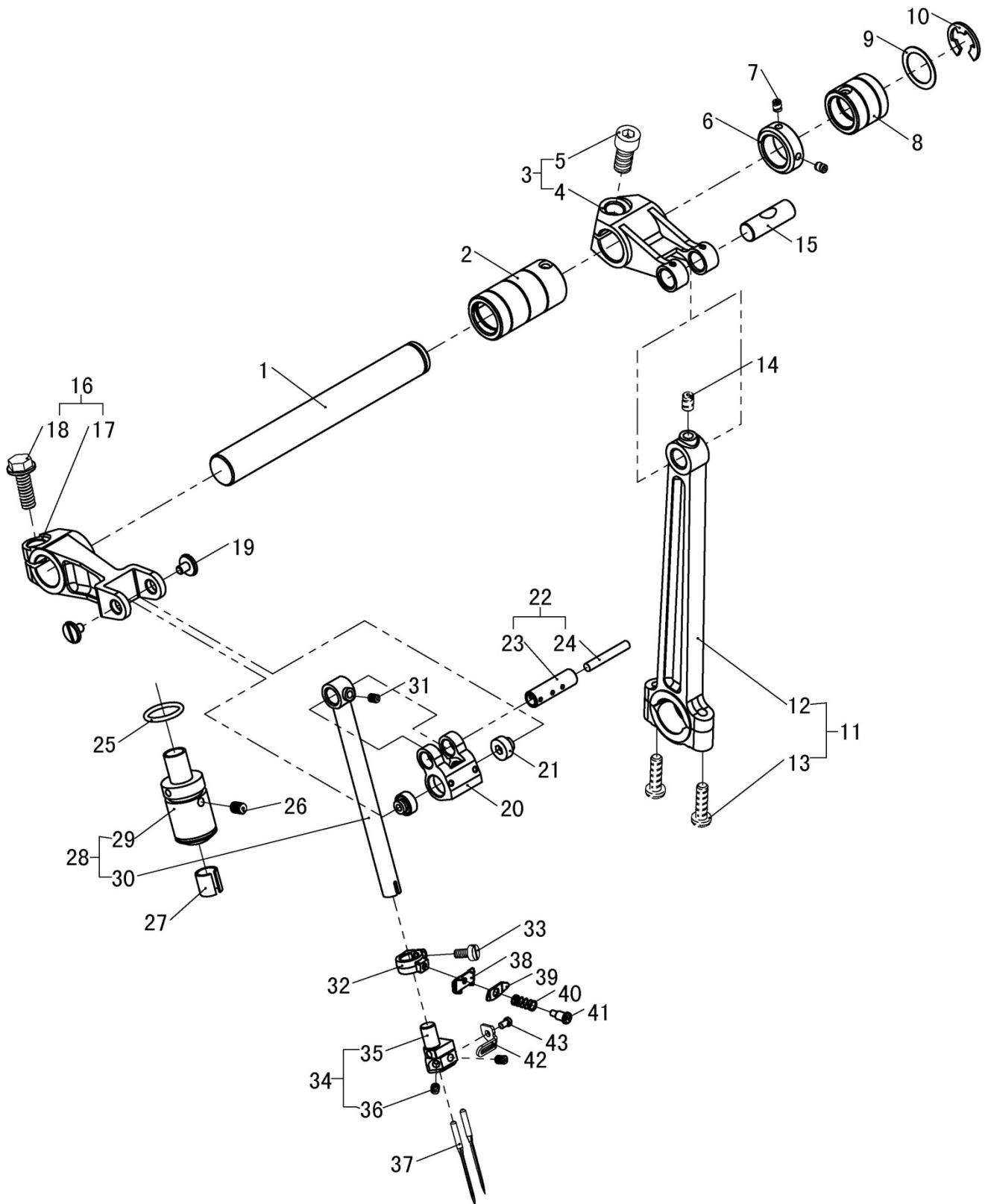


4. 主轴传动部分 Main shaft transmit mechaniam

序号	图号	名称		4线	4厚	5线	5厚	6线	备注
		中文	英文						
1	201. 04-01G	主轴前轴承盖	Main and Front bearing cover	1	1				
	203. 04-01G	主轴前轴承盖	Main and Front bearing cover			1	1	1	
2	201. 04-01G-01	轴承盖橡胶垫	bearing cover Rubber sealing	1	1				
	203. 04-01G-01	轴承盖橡胶垫	bearing cover Rubber sealing			1	1	1	
3	12-387265	O型圈	O-ring	1	1	1	1	1	
4	01-404000823-1	轴承座固定螺钉A	Setscrew A	3	3				
	01-104001021-1	轴承座固定螺钉	Setscrew			2	2	2	
	01-404001023-1	轴承座固定螺钉	Setscrew			1	1	1	
5	260. 04-05	轴承组件	Crankshaft Ball Bearing ASM	1	1	1	1	1	
6	14-6202-RZ	轴承	Crankshaft Ball Bearing	1	1	1	1	1	
7	201. 04-05-2	轴承套（外齿）	Shaft Bushing	1	1	1	1	1	
8	01-805001014-1	轴承紧套紧定螺钉A	Setscrew A	1	1	1	1	1	
9	01-805000514-1	轴承紧套紧定螺钉B	Setscrew B	1	1	1	1	1	
10	201. 04-14	主轴中轴套	Mainshaft Bushing	1	1	1	1	1	
11	201. 04-09	主轴端螺钉	Screw	1	1				
12	201. 04-18	油量销	Oil Adjusting Bar	1	1	1	1	1	
	203. 04-09	凸轮轴	Cam Shaft			1	1	1	
13	2101. 04-00A	主轴组件	Mainshaft Components	1					
	2102. 04-00A	主轴组件	Mainshaft Components		1				
	2103. 04-00A	主轴组件	Mainshaft Components			1		1	
	2104. 04-00A	主轴组件	Mainshaft Components				1		
14	2101. 04-10A	主轴	Mainshaft	1		1		1	
	2102. 04-10A	主轴	Mainshaft		1		1		
15	201. 04-10-02	主轴堵螺钉	Mainshaft Setscrew	5	5	5	5	5	
16	201. 04-12	主轴平衡块	Mainshaft Balance Block	2	2	2	2	2	
17	01-503000821-1	主轴平衡块固定螺钉	Setscrew	4	4	4	4	4	
18	11-4251824-1	制动环	braking Ring	1	1	1	1	1	
19	14-6203	单列向心球滚珠轴承	Crankshaft Ball Bearing	1	1	1	1	1	
20	210. 04-30	轴承挡圈	Bearing Ring	1	1	1	1	1	
21	01-104000721-1	沉头螺钉	Screw	1	1	1	1	1	
22	01-504000621-1	螺钉	Screw	2	2	2	2	2	
23	13-14150550	油封	Oil Seal	1	1	1	1	1	

4. 主轴传动部分 Main shaft transmit mechaniam

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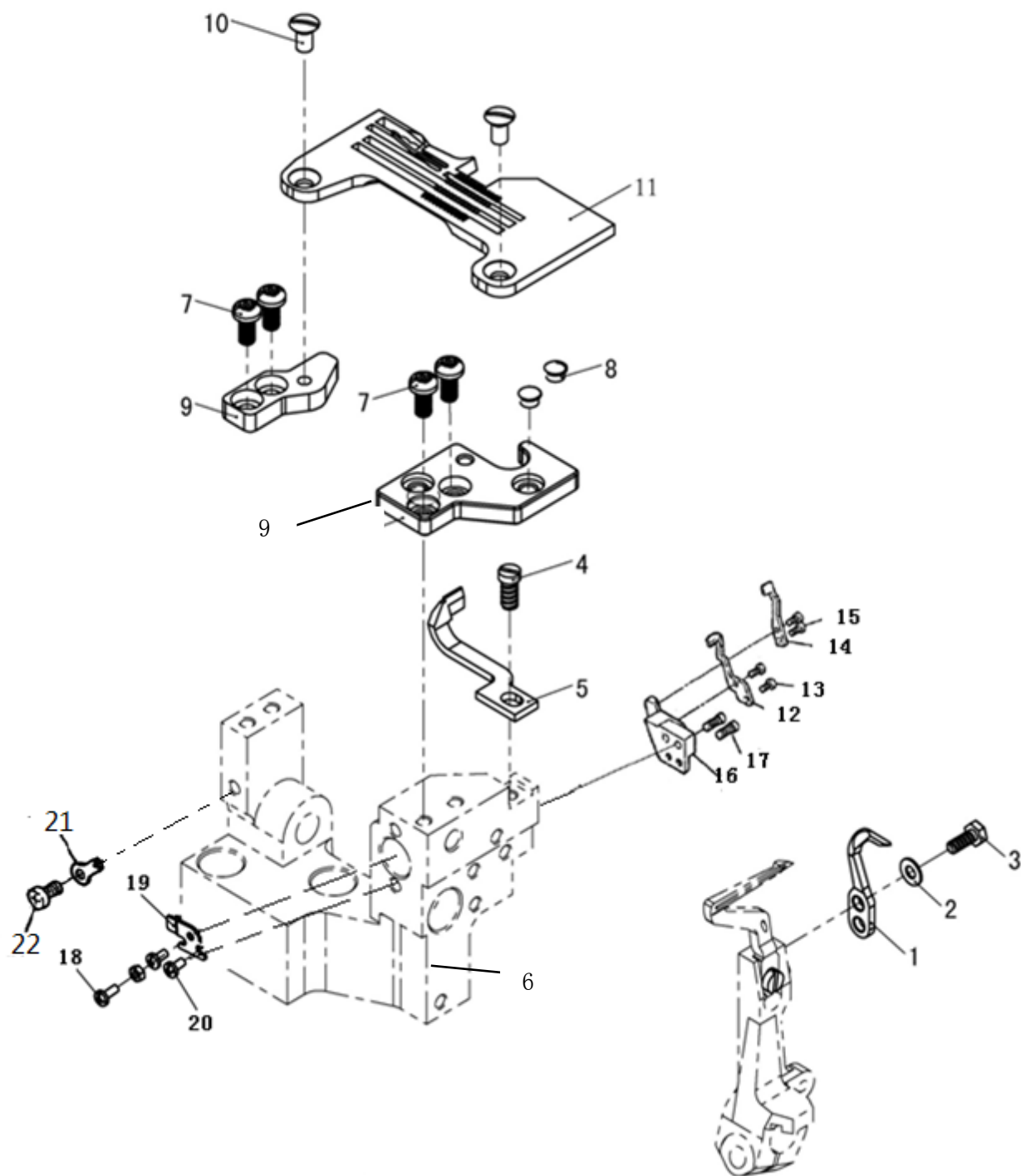


5. 针杆传动部分 Needle Rod transmit mechanism

序号	图号	名称		4线	4线 厚料	5线	5线 厚料	6线	6线 厚料	备注
		中文	英文							
1	2101.05-01	针杆传动轴	Needle Rod Transmit Shaft	1	1					
2	201.05-02	机针传动轴前套筒	Front Bushing	1	1					
3	201.05-03	机针传动轴曲柄组件	Needle Rod Transmit Shaft Crank ASM	1	1					
4	201.05-03-01	机针传动轴曲柄	Needle Rod Transmit Shaft Crank	1	1					
5	01-506751224-1	机针传动轴曲柄螺钉	Screw	1	1					
6	2101.05-02	轴箍	Thrust Collar	1	1					
7	01-803000314-1	挡圈紧定螺钉	Setscrew	2	2					
8	2101.05-03	机针传动轴后套筒	Rear Bushing	1	1					
9	201.05-08	铜垫片	Copper Spacer	1	1					
10	06-0800816-1	卡簧	E-spring	1	1					
11	201.05-10	针杆连杆组件	Connecting Rod ASM	1	1					
12	201.05-10-01	针杆连杆	Connecting Rod	1	1					
13	01-404001623-1	针杆连杆螺钉	Connecting Rod Screw	2	2					
14	01-804000614-1	机针传动连杆紧定螺钉	Connecting Rod Setscrew	1	1					
15	201.05-13	销轴	Feed Branch Crank Pin	1	1					
16	2101.05-04	针杆曲柄组件	Needle Rod Crank ASM	1	1					
17	2101.05-04-01	针杆曲柄	Needle Rod Crank	1	1					
18	19-706751225-1	针杆传动摆杆螺钉	Screw	1	1					
19	2101.05-05	M3×4螺钉	Screw	2	2					
20	2101.05-06	连接曲柄	Link	1	1					
21	2101.05-07	螺纹销	Pin	2	2					
22	2101.05-08	针杆连接销组件	Needle Driving ASM Pin ASM	1	1					
23	2101.05-08-01	针杆连接销	Needle Driving ASM Pin	1	1					
24	2101.05-08-02	油线 $\phi 3 \times 34$	Oil Wick	1	1					
25	12-115150	O型圈	O-ring	1	1					
26	01-804000544-1	针杆套螺钉	Needle Rod Collar Screw	1	1					
27	201.05-23	毛毡	Felt	1	1					
28	2101.05-10	针杆组件	Needle Rod ASM	1	1					
29	2101.05-10-01	针杆轴套	Needle Rod Collar	1	1					
30	2101.05-10-02	针杆	Needle Rod	1	1					
31	01-803000444-1	M3×4螺钉	Screw	1	1					
32	201.05-26	拦线板支架	Needle Thread Presser Guide	1	1					
33	01-903000621-1	固定螺钉	Setscrew	1	1					
34	202.05-29	针夹组件	Needle Clamp ASM	1	1					
	203.05-30	针夹组件	Needle Clamp ASM			1				
	204.05-30	针夹组件	Needle Clamp ASM				1			
	206.05-30	针夹组件	Needle Clamp ASM					1		
	2107.05-30	针夹组件	Needle Clamp ASM						1	
35	202.05-29-01	针夹	Needle Clamp	1	1					
	203.05-30-01	针夹	Needle Clamp			1				
	204.05-30-01	针夹	Needle Clamp				1			

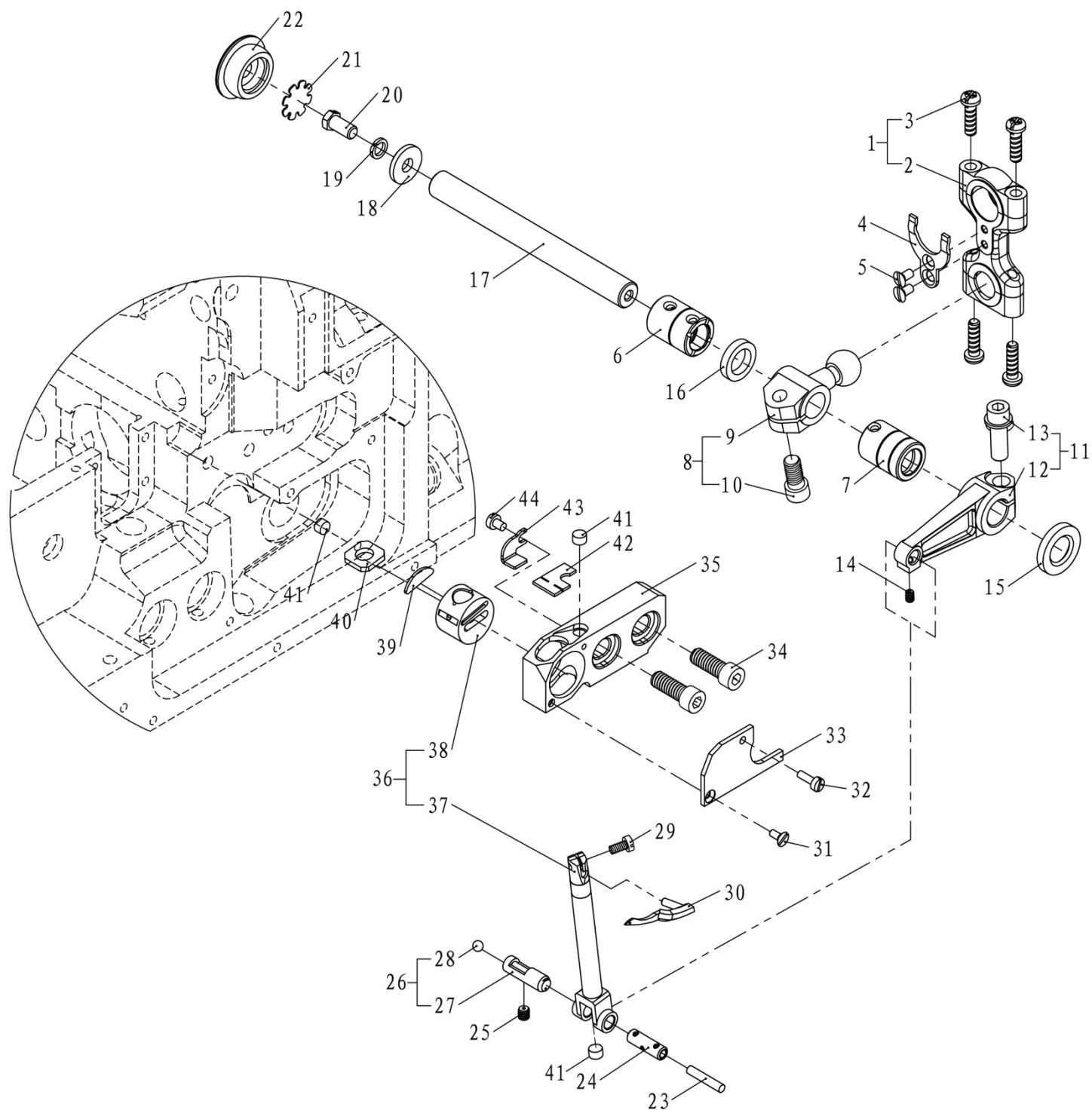
5. 针杆传动部分 Needle Rod transmit mechanism

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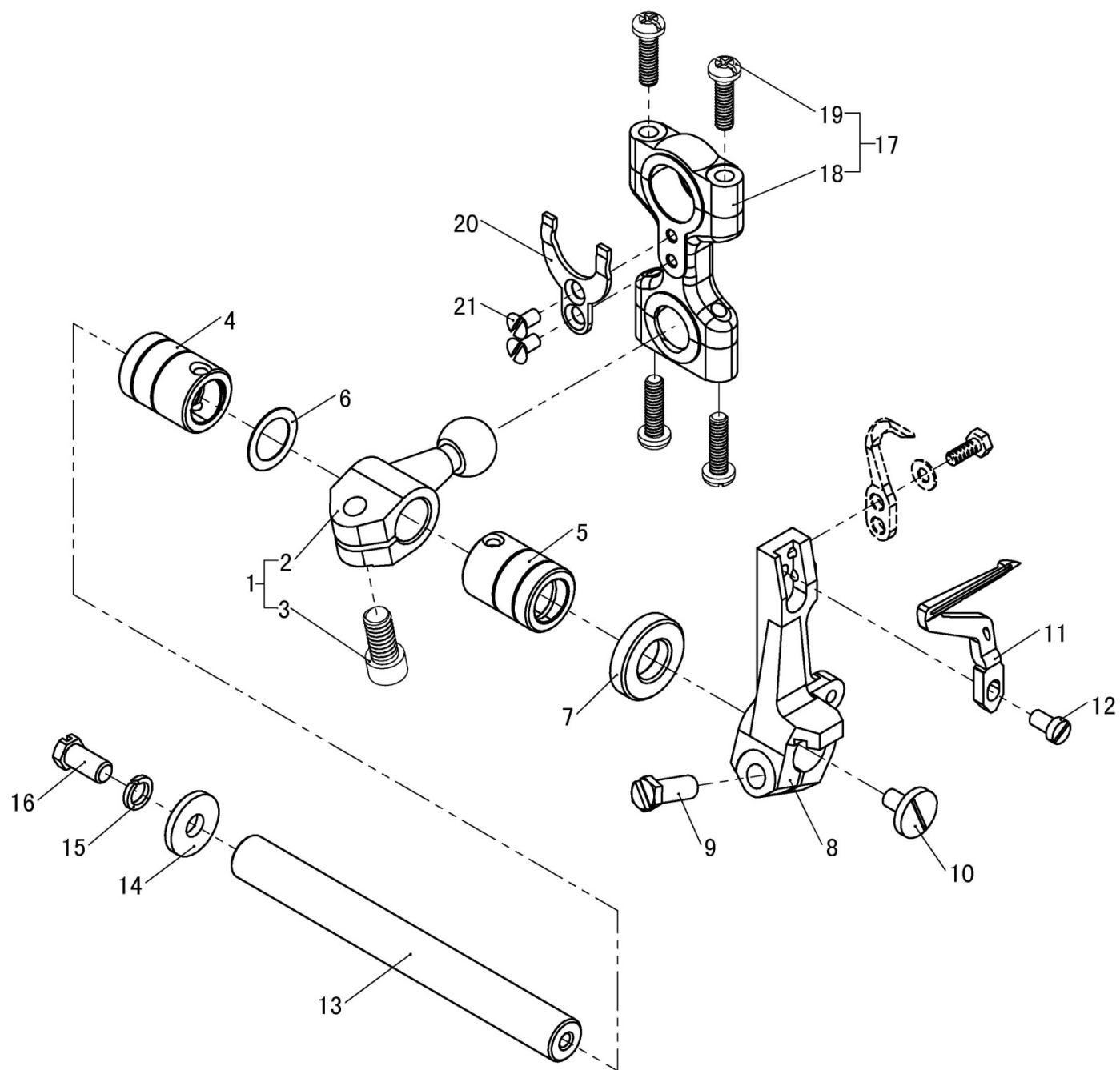
6. 针板部分 Needle bar mechanism

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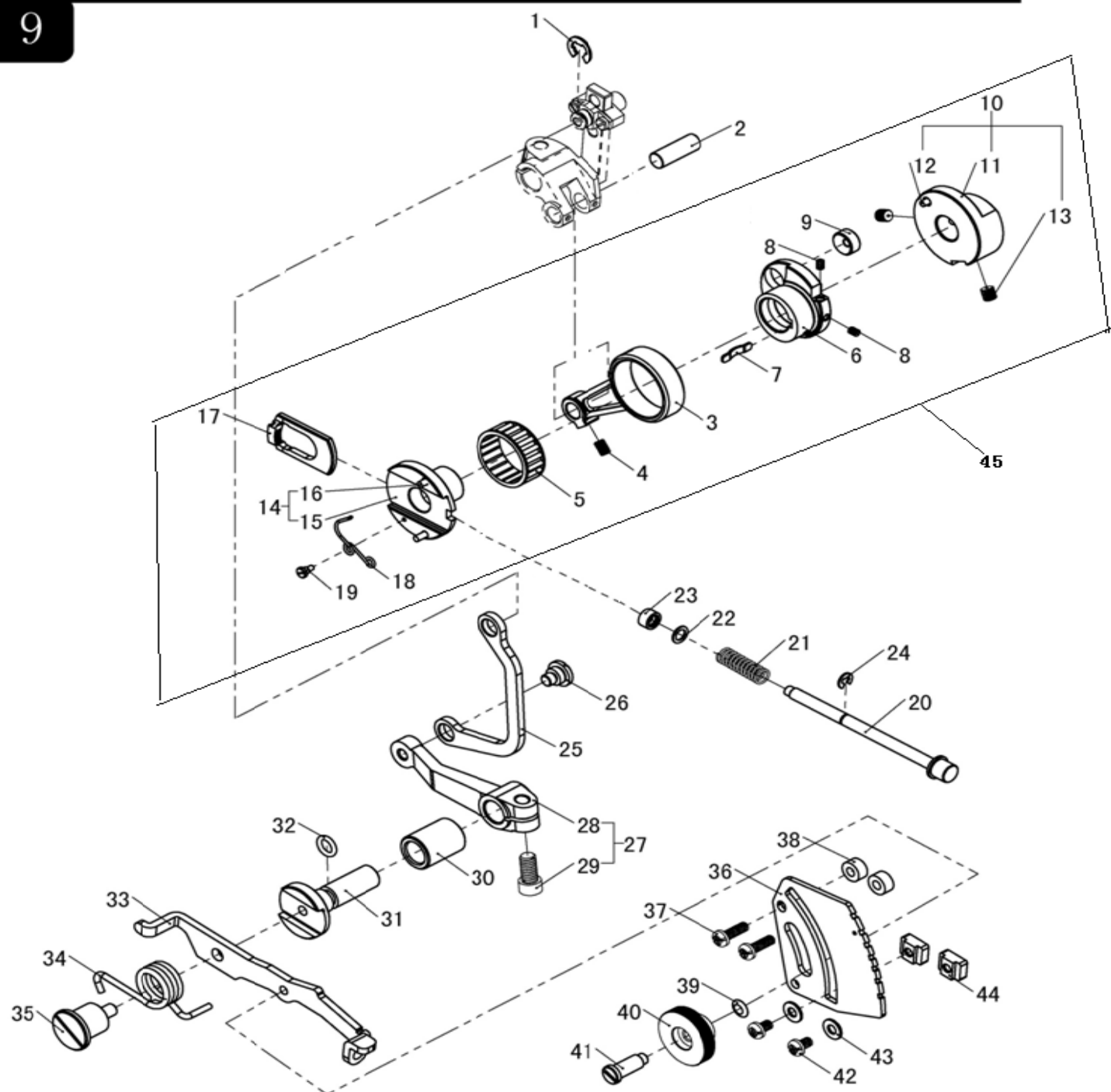
7. 上弯针传动部分 Upper looper driving mechanism

序号	图号	名称		4线	4 线 厚料	5线	5 线 厚料	大针距	备注
		中文	英文						
1	201. 07-01	弯针球连杆组件	Looper Ball Connecting Rod ASM	1	1				
2	201. 07-01-01	弯针球连杆	Looper Ball Connecting Rod	1	1				
3	01-404001623-1	弯针球连杆螺钉	Screw	4	4				
4	201. 07-03	防震片	Rubber Cushion	1	1				
5	01-103000621-1	螺钉	Screw	2	2				
6	201. 07-05	上弯针轴后轴套	Upper Looper Shaft Rear Bushing	1	1				
7	201. 07-06	弯针轴前轴套	Looper Shaft Front Bushing	1	1				
8	202. 07-07	上弯针球曲柄组件	Upper Looper Ball Crank ASM	1	1				
9	202. 07-07-01	上弯针球曲柄	Upper Looper Ball Crank	1	1				
10	01-506751224-1	上弯针球曲柄螺钉	Upper Looper Ball Crank Screw	1	1				
11	201. 07-09	摇杆曲柄组件	Upper Looper Arm ASM	1	1				
12	201. 07-09-01	摇杆曲柄	Upper Looper Arm	1	1				
13	19-706751225-1	螺钉	Screw	1	1				
14	01-803000444-1	连杆销固定螺钉	Setscrew	1	1				
15	13-09340190	油封	Oil Seal	1	1				
16	202. 07-13	挡圈	Stopping Gasket	1	1				
17	201. 07-14	弯针轴	Looper Shaft	1	1				
18	05-053201452-5	弯针轴垫片	Looper Shaft Washer	1	1				
19	07-0521313-1	弹簧垫圈	Spring Washer	1	1				
20	01-705001021-1	六角头开槽螺钉	Screw	1	1				
21	201. 07-18	防油片	Oil Proof Spacer	1	1				
22	201. 07-19	橡胶帽	Rubber Cap	1	1				
23	201. 07-20	油线	Oil Thread	1	1				
24	201. 07-21	连杆销轴	Gauge Fixing Pin	1	1				
25	01-804000414-1	机壳销紧定螺钉	Setscrew	1	1				
26	201. 07-23	机壳销组件	Pin Components	1	1				
27	201. 07-23-01	机壳销	Machine Pin	1	1				
28	201. 07-23-02	钢球	Steel Ball	1	1				
29	01-935000621-1	上弯针紧定螺钉	Setscrew	1	1				
30	202. 07-26	上弯针	Upper Looper	1					
	201. 07-26	上弯针	Upper Looper			1	1		
	2102. 07-26	上弯针（华杰）	Upper Looper					1	
31	01-125000621-1	挡板螺钉A	Screw A	1	1				
32	01-525000821-1	挡板螺钉B	Screw B	1	1				
33	201. 07-29	摇杆座盖	Upper Looper Gange Cover	1	1				
34	01-506001624-1	上弯针滑杆座螺钉	Screw	2	2				
35	201. 07-31	摇杆座	Upper Looper Guide Support	1					
	204. 07-31	摇杆座	Upper Looper Guide Support		1				
36	201. 07-32	摇杆组件	Upper Looper Holder ASM	1	1				
37	201. 07-32-01	摇杆	Upper Looper Holder	1	1				
38	201. 07-32-02	摆轴	Thrust Collar	1	1				
39	201. 07-34	月牙毛毡	Crescent Moon Felt	1	1				
40	201. 07-35	油毡	Felt	1	1				
41	201. 07-36	油塞	Oil Plug	3	3				
42	201. 07-40	毛毡	Felt	1	1				
43	201. 07-39	挡片	Stopper	1	1				
44	01-503000421-1	M3X4螺钉	Screw	1	1				



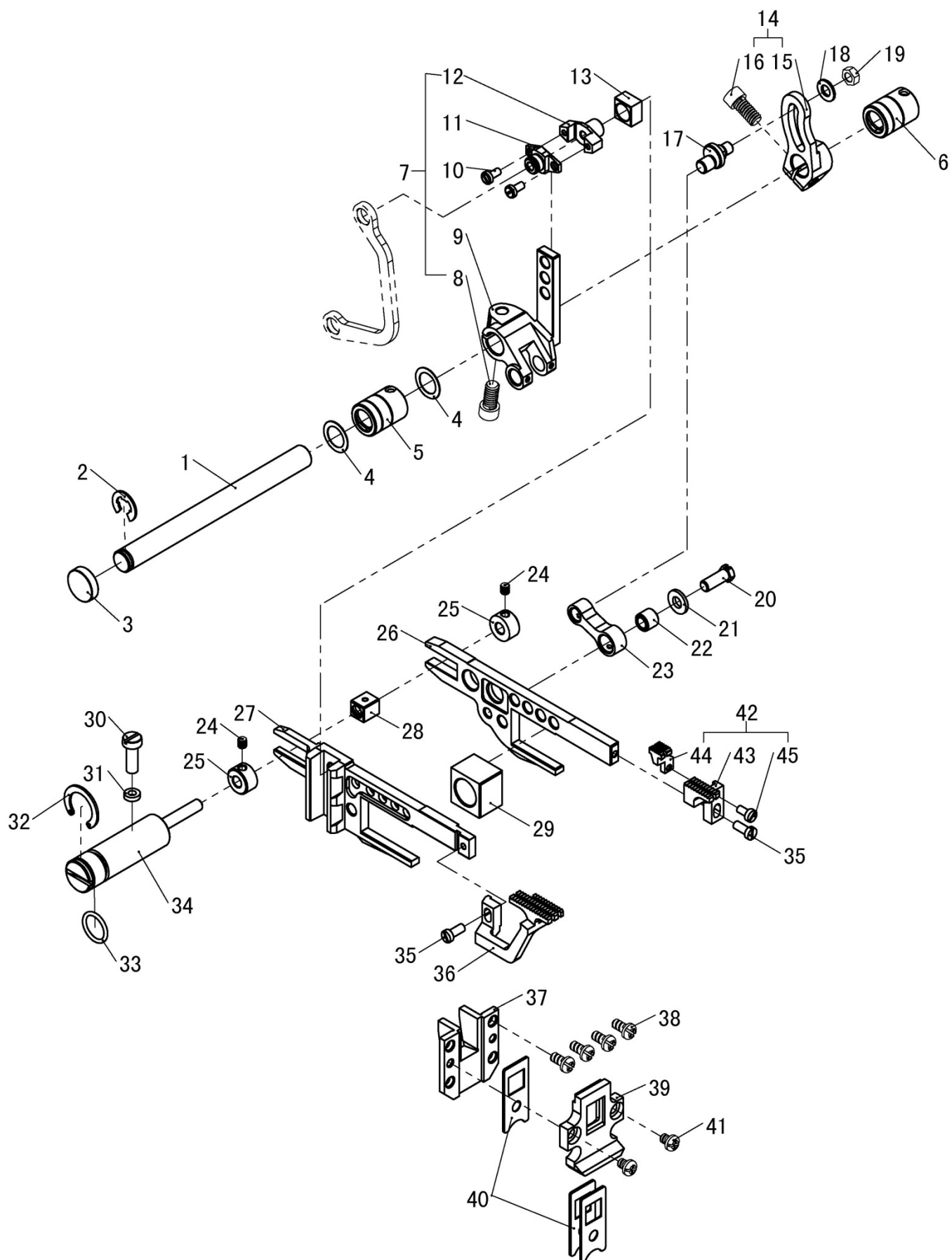
8. 下弯针传动部分 (Lower looper driving mechanism)

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9. 针距调节部分 Adjusting of the stitch space mechanism

序号	图号	名称		4线	4线厚料	备注
		中文	英文			
1	06-0600812-1	轴用挡圈	Gasket	1	1	
2	201. 05-13	销轴	Pin	1	1	
3	201. 09-03	连杆	Feeding Connecting Rod	1	1	
4	01-804000614-1	送布连杆紧固螺钉	Setscrew	1	1	
5	201. 09-05	送布连杆滚针轴承	Feeding Needle Bearing	1	1	
6	201. 09-06	针距凸轮	Cam	1		
	2102. 09-06A	针距凸轮	Cam		1	
7	201. 09-07	弹簧片	Spring	1	1	
8	01-803000414-1	内六角紧定螺钉	Hexagon Setscrew	2	2	
9	201. 09-09	针距凸轮滑块	Cam Block	1	1	
10	201. 09-10	针距调节座组件	Adjusting Base Components	1	1	
11	201. 09-10-01	针距调节座	Adjusting Base	1	1	
12	201. 09-10-02	定位销	Position Pin	1	1	
13	01-805000514-1	针距调节座紧定螺钉	Position Pin Setscrew	2	2	
14	201. 09-13	偏心轮组件	Eccentric Wheel Components	1	1	
15	201. 09-13-01	偏心轮	Eccentric Wheel	1	1	
16	201. 09-13-02	定位销	Position Pin	2	2	
17	201. 09-15	内齿	Inside Gear	1	1	
18	201. 09-16	弹簧	Spring	1	1	
19	201. 09-17	压簧固定螺钉	Setscrew	1	1	
20	201. 09-18	针距调节轴	Ratio Adjusting Rod	1	1	
21	201. 09-19	差动调节簧	Ratio Adjusting Spring	1	1	
22	05-050050760-4	垫片	Gasket	1	1	
23	201. 09-21	油封	Oil Seal	1	1	
24	06-0300607-1	开口挡圈	E-ring	1	1	
25	201. 09-23	差动调节连杆	Ratio Adjusting Rod	1	1	
26	201. 09-24A	差动调节连杆螺钉	Ratio Adjusting Rod Screw	1	1	
27	201. 09-25	差动调节曲柄组件	Ratio Adjusting Crank ASM	1	1	
28	201. 09-25-01	差动调节曲柄	Ratio Adjusting Crank	1	1	
29	01-506751224-1	固定螺钉	Setscrew	1	1	
30	201. 09-27	差动轴套	Ratio Bushing	1	1	
31	201. 09-28	差动轴	Ratio Shaft	1	1	
32	12-060200	O型圈	O-ring	1	1	
33	201. 09-30	差动调节杠杆	Ratio Adjusting Lever	1	1	
34	201. 09-31	差动扳手簧	Ratio Spanner Spring	1	1	
35	201. 09-32	差动扳手固定螺钉	Ratio Spanner Setscrew	1	1	
36	201. 09-33	针距调节指示板	Adjusting Indicator	1	1	
37	01-404001223-1	固定螺钉	Setscrew	2	2	
38	201. 09-35	固定垫圈	Spacer	2	2	
39	09-0620513-1	弹性垫圈（碟形）	Elastic Spacer (Dish-Live)	1	1	
40	201. 09-37	差动调节螺母	Ratio Adjusting Nut	1	1	
41	201. 09-38	差动调节螺钉	Ratio Adjusting Screw	1	1	
42	01-404000623-1	定位螺钉	Setscrew	2	2	
43	05-043080900-4	垫片	Spacer	2	2	
44	201. 09-41	定位螺母	Nut	2	2	
45	2102. 09-42A	针距调节大组件(1. 5)	Needle pitch adjustment large assembly (1.5)		1	

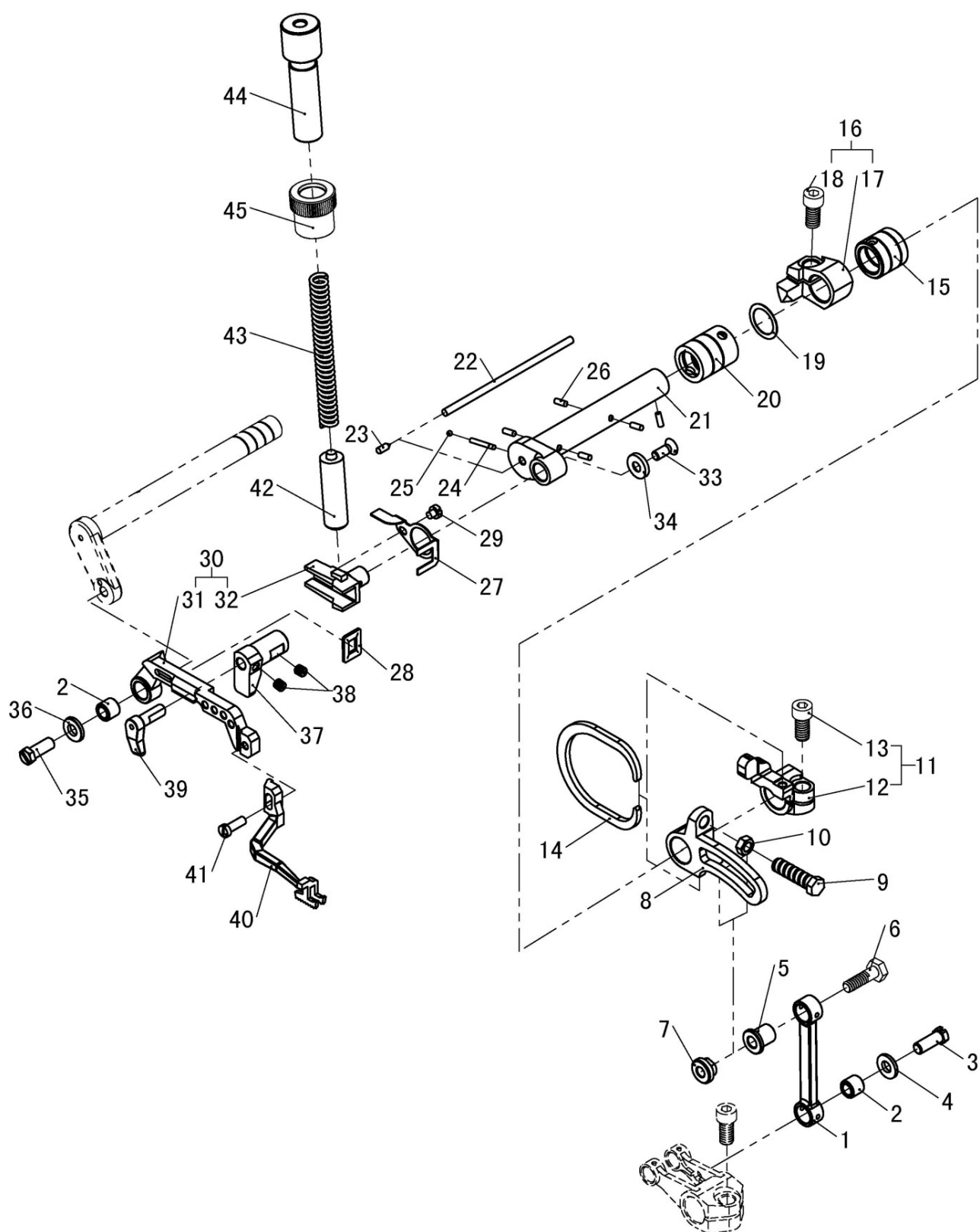


10. 送布传动部分 Feed transmit mechanism

序号	图号	名 称		4线	4 线 厚料	5线	5 线 厚料	大针 距	备注
		中文	英文						
1	201. 10-01	送布轴	Feed Rocker Shaft	1	1				
2	06-0700814-4	开口挡圈	E-ring	1	1				
3	22-15004000	油封	Oil Seal	1	1				
4	201. 08-06	铜垫片	Copper Gasket	2	2				
5	201. 07-06	送布轴前轴套	Feed Rocker Shaft Front Bushing	1	1				
6	201. 07-06	送布轴后轴套	Feed Rocker Shaft Rear Bushing	1	1				
7	201. 10-07	差动牙架调整曲柄组件	Ratio Adjusting Crank ASM	1	1				
8	01-506751224-1	差动牙架调整曲柄螺钉	Ratio Adjusting Crank Screw	1	1				
9	201. 10-07-02	差动牙架调整曲柄	Ratio Adjusting Crank	1	1				
10	01-503000621-1	滑块盖板螺钉	Slipper Block Screw	2	2				
11	201. 10-07-04	差动送布滑块盖板	Slipper Block Cover	1	1				
12	201. 10-07-05	差动牙架调整曲柄滑块	Crank Block	1	1				
13	201. 10-08	滑块	Slipper Block	1	1				
14	201. 10-09	送布曲柄组件调整	Feed Cloth Adjusting Crank ASM	1	1				
15	201. 10-09-01	送布调整曲柄	Feed Cloth Adjusting Crank	1	1				
16	01-506751224-1	送布调整曲柄紧固螺钉	Setscrew	1	1				
17	201. 10-11	偏心轴	Eccentric Cam	1	1				
18	05-053101001-5	垫片	Gasket	1	1				
19	03-605000400-1	送布牙连杆偏心轴螺母	Nut	1	1				
20	01-705051325-1	送布牙架连杆套螺钉	Screw	1	1				
21	05-053151102-5	送布牙架连杆套垫圈	Gasket	1	1				
22	201. 10-16	送布牙架连杆套	Connecting Rod Bushing	1	1				
23	201. 10-17	送布牙架连杆	Connecting Rod	1	1				
24	01-804000414-1	挡圈螺钉	Screw	2	2				
25	201. 10-19	轴箍	Thrust Collar	2	2				
26	201. 10-20	送布牙架	Feed Rocker Rank	1	1				
27	201. 10-21	差动牙架	Ratio Rank	1	1				
28	201. 10-22	差动送布滑块	Feed Slipper Block	1	1				
29	201. 10-23	抬牙滑块	Take-up Slipper Block	1	1				
30	01-504000624-1	螺钉	Screw	1	1				
31	201. 10-25	油封	Oil Seal	1	1				
32	10-1401014-1	挡圈	E-ring	1	1				
33	12-115160	O型圈	O-ring	1	1				
34	201. 10-28	牙叉轴	Shaft	1	1				

10. 送布传动部分 Feed transmit mechanism

序号	图号	名 称		4线	4 线 厚料	5线	5 线 厚料	大针 距	备注
		中文	英文						
35	01-535000821-1	差动牙螺钉	Screw	2	2				
36	201. 10-30	差动牙	Ratio dog	1	1				
	203. 10-30	差动牙	Ratio dog			1			
	204. 10-30	差动牙	Ratio dog				1		
	2102. 10-30-00	送布牙大组件(四排齿)	Ratio dog					1	
37	201. 10-31	牙架导轨	Guide Orbit	1	1				
38	01-404000823-1	牙架导轨螺钉	Screw	4	4				
39	201. 10-33	密封导架	Guide Bracket	1	1				
40	201. 10-34	油封	Oil Seal	3	3				
41	01-404000523-1	密封导架螺钉	Screw	2	2				
42	201. 10-36	主送布牙组件	Main Feed Dog Components	1	1				
	203. 10-36	主送布牙组件	Main Feed Dog Components			1			
	204. 10-36	主送布牙组件	Main Feed Dog Components				1		
43	201. 10-36-01	主送布牙	Main Feed Dog	1	1				
	203. 10-36-01	主送布牙	Main Feed Dog			1			
	204. 10-36-01	主送布牙	Main Feed Dog				1		
44	201. 10-36-02	副送布牙	Differential	1	1				
	201. 10-36-02	副送布牙	Differential			1			
	204. 10-36-02	副送布牙	Differential				1		
45	01-503000621-1	副送布牙螺钉	Screw	1	1				
21	05-053151102-5	送布牙架连杆套垫圈	Gasket	1	1				
22	201. 10-16	送布牙架连杆套	Connecting Rod Bushing	1	1				
23	201. 10-17	送布牙架连杆	Connecting Rod	1	1				
24	01-804000414-1	挡圈螺钉	Screw	2	2				
25	201. 10-19	轴箍	Thrust Collar	2	2				
26	201. 10-20	送布牙架	Feed Rocker Rank	1	1				
27	201. 10-21	差动牙架	Ratio Rank	1	1				
28	201. 10-22	差动送布滑块	Feed Slipper Block	1	1				
29	201. 10-23	抬牙滑块	Take-up Slipper Block	1	1				
30	01-504000624-1	螺钉	Screw	1	1				
31	201. 10-25	油封	Oil Seal	1	1				

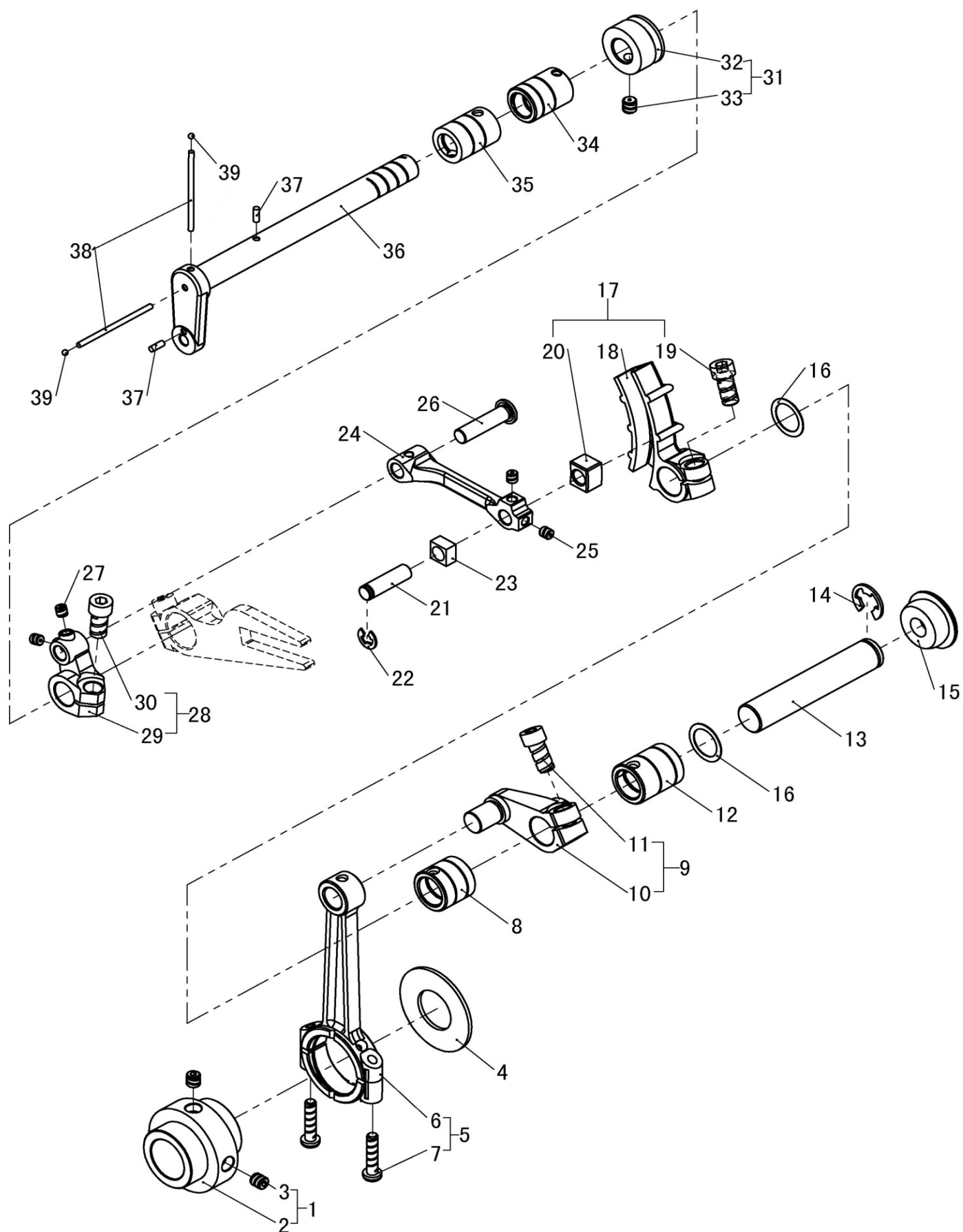


11. 上送布传动部分(1) Top feed transmit mechanism(1)

序号	图号	名称		4线	4线 厚料	5线	5线 厚料	大针距	备注
		中文	英文						
1	2101.11-01	连杆	Link	1	1				
2	201.10-16	套筒	Bushing	2	2				
3	01-705051325-1	M5×13六角螺钉	Screw	1	1				
4	05-053151102-5	平垫片	Washer	1	1				
5	2101.11-03	轴套	Bushing	1	1				
6	19-705051725-1	螺栓 M5x17	Bolt	1	1				
7	2101.11-04	限位螺母	Nut	1	1				
8	2101.11-05	调节曲柄	Crank	1	1				
9	01-706002255-1	螺栓 M6x22	Bolt	1	1				
10	03-606000400-1	六角螺母	Nut	1	1				
11	2101.11-06	挡套组件	Collar ASM	1	1				
12	2101.11-06-01	挡套	Collar	1	1				
13	01-506751224-1	M6x12螺钉	Screw	1	1				
14	2101.11-07	C型弹簧	Flat spring	1	1				
15	2101.05-03	曲柄轴后套筒	Bushing	1	1				
16	2101.11-09	限位挡圈组件	Collar ASM	1	1				
17	2101.11-09-01	限位挡圈	Collar	1	1				
18	01-506751224-1	螺栓 M6x12	Screw	1	1				
19	201.05-08	铜垫片	Washer	1	1				
20	2101.11-13	曲柄轴前轴套	Bushing	1	1				
21	2101.11-14	曲柄轴	Crankshaft	1	1				
22	2101.11-15	油线	Oil wick	1	1				
23	2101.11-16	插销	Pin	1	1				
24	2101.11-17	油毡	Oil felt	1	1				
25	2101.11-18	油塞	Plug	1	1				
26	2101.11-19	油毡	Oil felt	5	5				
27	2101.11-20	送料轴油封导架	Guide/Feed Bar Oil Seal	1	1				
28	2101.11-21	油封	Oil seal	1	1				
29	01-503000321-1	M3×3螺钉	Screw	1	1				
30	2101.11-22	上送布架组件	Top Feed Bar Assebly	1	1				
31	2101.11-22-01	上送布牙架	Top Feed Bar	1	1				
32	2101.11-22-02	上送布牙架导向	Guide	1	1				
33	01-104001021-1	M4×10螺钉	Screw	1	1				
34	2101.11-23	平垫片	Washer	1	1				

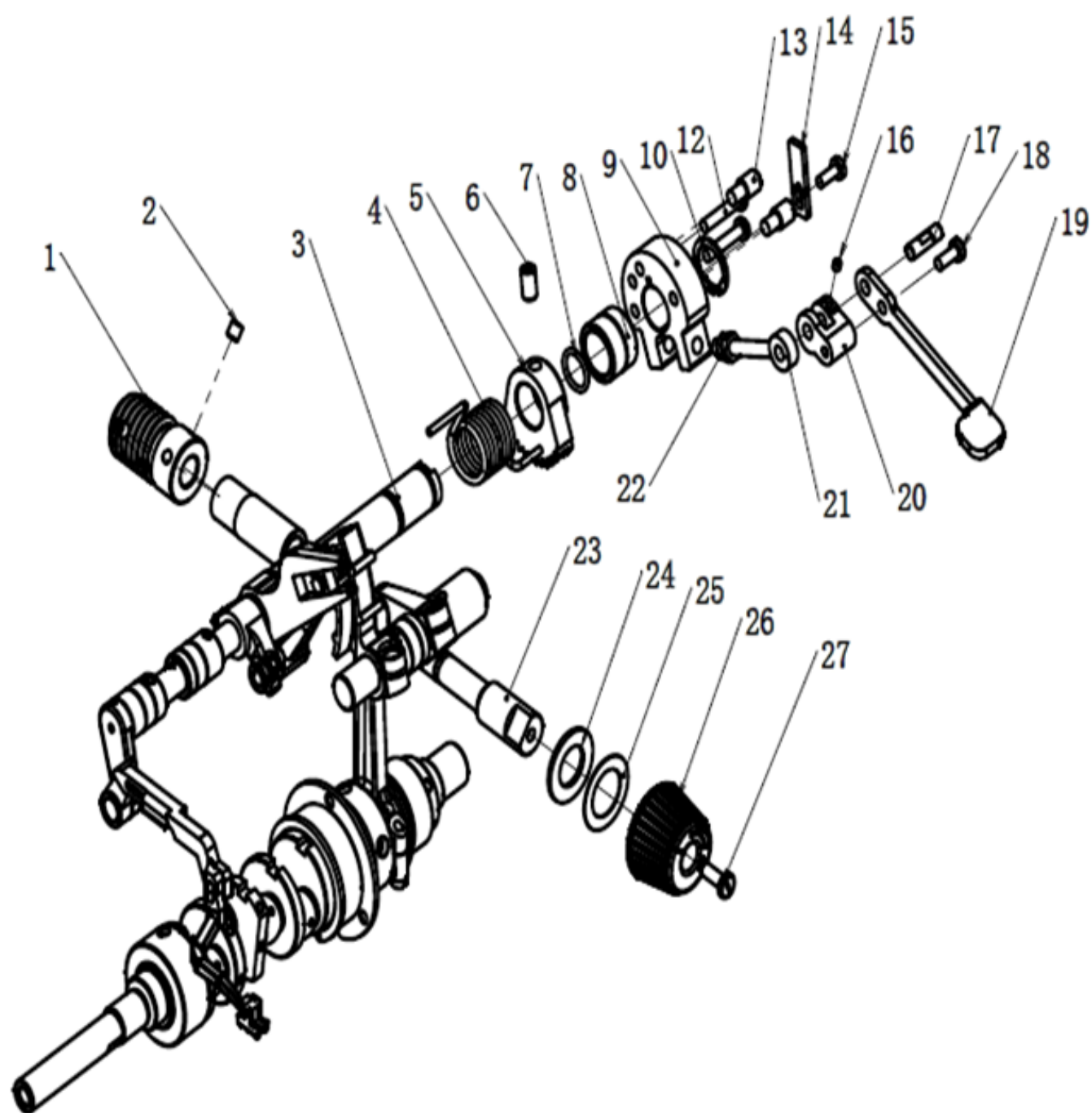
11. 上送布传动部分(1) Top feed transmit mechanism(1)

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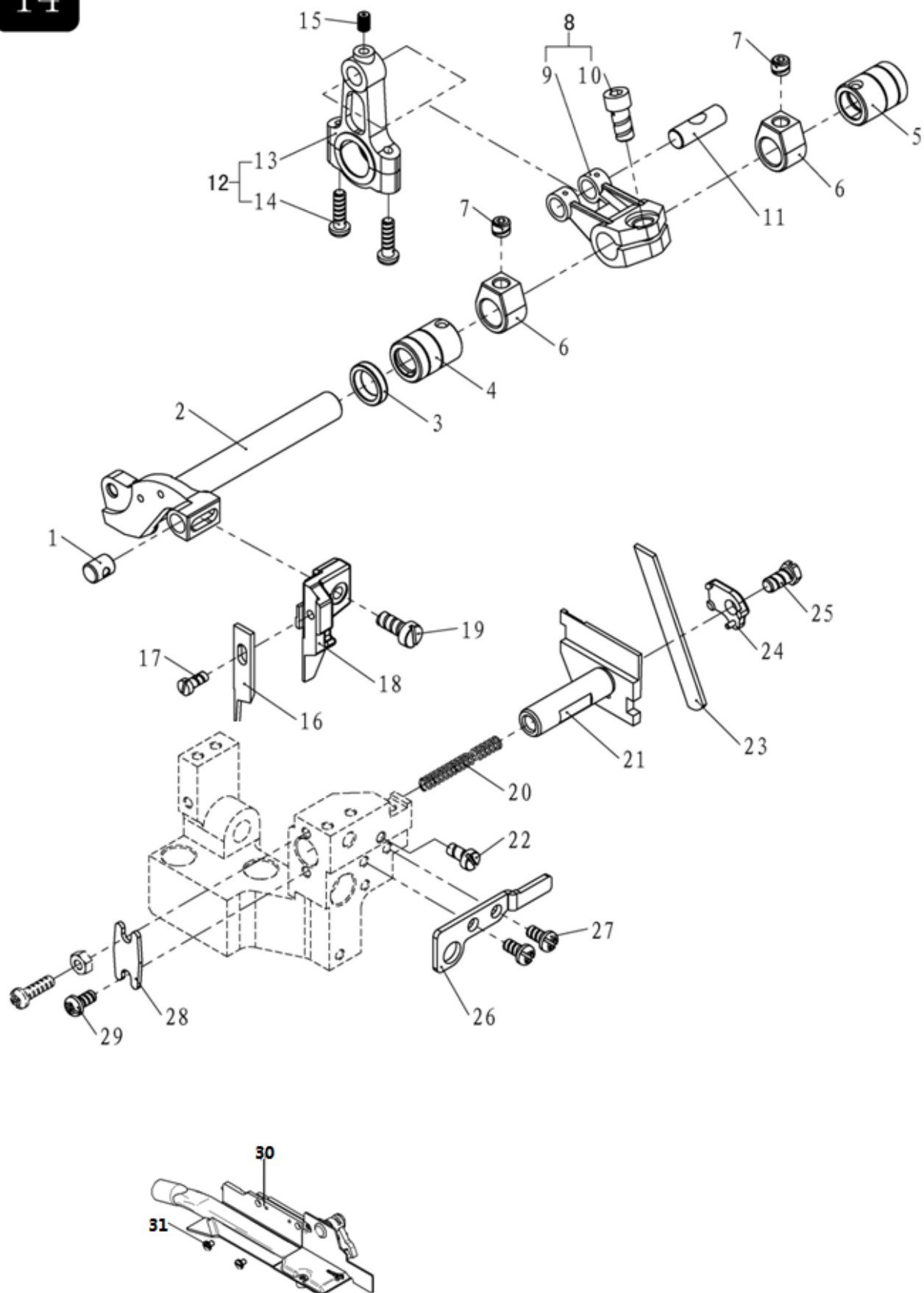
12. 上送布传动部分(2) Top feed transmit mechanism(2)

序号	图号	名称		4线	4线厚料	备注
		中文	英文			
1	2101. 12-01	上送前后偏心凸轮组件	Eccentric ASM	1	1	
2	2101. 12-01-01	偏心凸轮	Eccentric	1	1	
3	01-805000514-1	M5×5螺钉	Screw	2	2	
4	2101. 12-02	平垫片	Washer	1	1	
5	2101. 12-04	上送布传动连杆组件	Connection ASM	1	1	
6	2101. 12-04-01	上送布传动连杆	Connection	1	1	
7	01-404001823-1	M4×18螺钉	Screw	2	2	
8	2101. 05-03	机针传动轴后套筒	Bushing	1	1	
9	2101. 12-05	上送传动曲柄组件	Crank ASM	1	1	
10	2101. 12-05-01	上送传动曲柄	Crank	1	1	
11	01-506751224-1	M6×12螺钉	Screw	1	1	
12	201. 05-07	后套筒	Bushing	1	1	
13	2101. 12-07	上送传动轴	Rod	1	1	
14	06-0800816-1	卡簧	Ring	1	1	
15	22-19807024	橡胶塞	Plug	1	1	
16	201. 05-08	平垫片	Washer	2	2	
17	2101. 12-08	差动曲柄组件	Crank Asseby	1	1	
18	2101. 12-08-01	差动曲柄	Crank	1	1	
19	01-506751224-1	M6×12螺钉	Screw	1	1	
20	2101. 12-08-02	差动曲柄滑块	Block	1	1	
21	2101. 12-09	滑块销	Pin	1	1	
22	06-0400609-1	卡簧	Ring	1	1	
23	2101. 12-10	差动连杆滑块	Block	1	1	
24	2101. 12-11	上送连杆	Link	1	1	
25	01-804000414-1	M4×4螺钉	Screw	2	2	
26	2101. 12-12	上送连杆销	Pin	1	1	
27	01-804000414-1	M4×4螺钉	Screw	2	2	
28	2101. 12-13	上送曲柄组件	Crank Asseby	1	1	
29	2101. 12-13-01	上送曲柄	Crank	1	1	
30	01-506751224-1	M6x12螺钉	Screw	1	1	
31	2101. 12-14	轴套组件	Collar	1	1	
32	2101. 12-14-01	轴套	Collar	1	1	
33	01-805000514-1	M5×5螺钉	Screw	1	1	
34	201. 07-06	上送布轴后套筒	Bushing	1	1	
35	2101. 12-16	上送布轴前套筒	Bushing	1	1	
36	2101. 12-17	上送布轴	Crankshaft	1	1	
37	2101. 11-19	油毡	Oil felt	2	2	
38	2101. 12-19	油毡	Oil felt	2	2	
39	2101. 11-18	油塞	Plug	2	2	



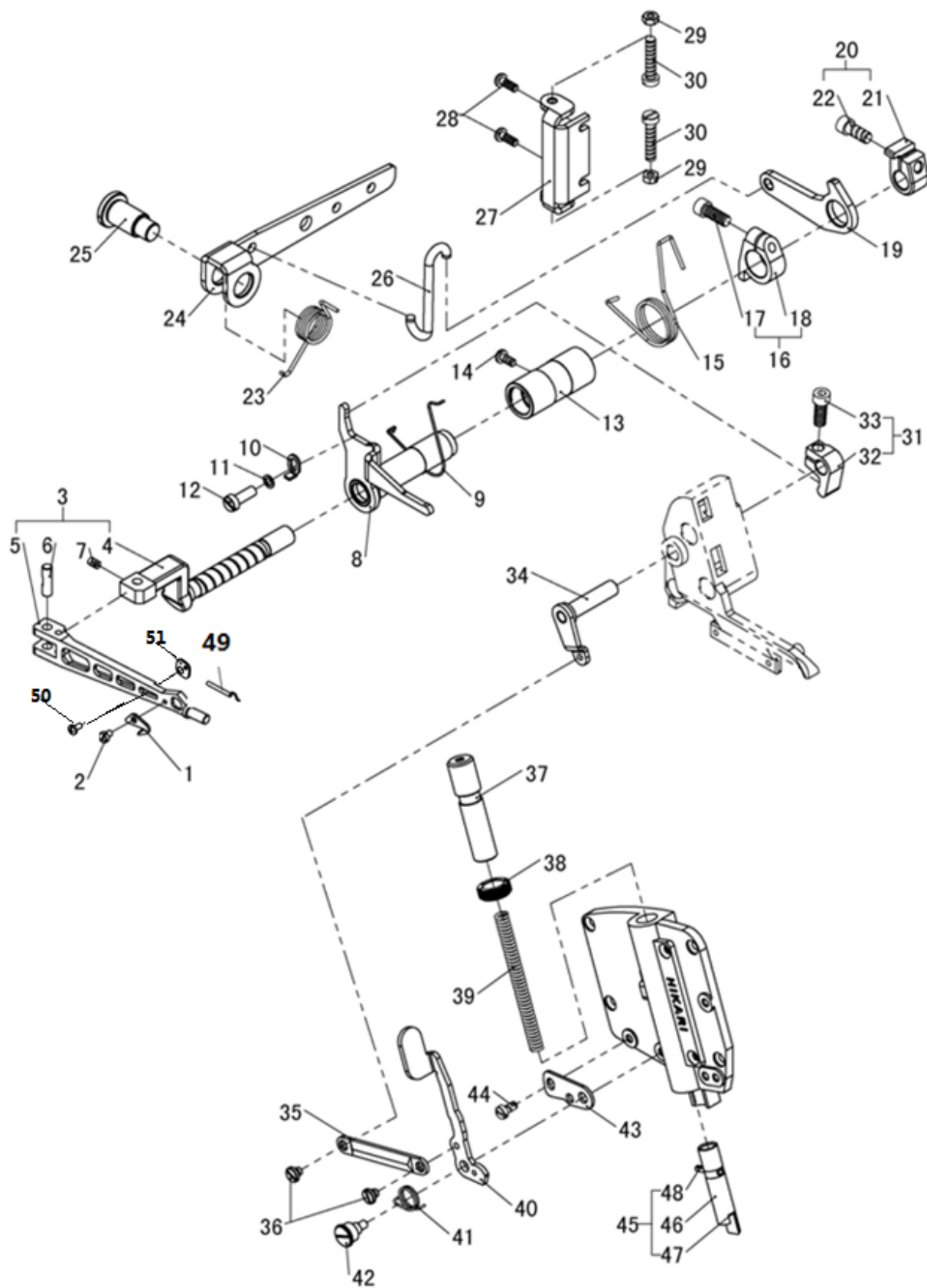
13. 上送布传动部分(3) Top feed transmit mechanism(3)

序号	图号	名称		4线	4线厚料	备注
		中文	英文			
1	2101.13-01	调上送量蜗杆	Lever ASM	1	1	
	2102.13-04	调上送量蜗杆	Lever ASM		1	
2	01-805000514-1	螺钉	Lever	1	1	
3	2102.13-08	上送差动轴	Screw	1	1	
4	2114.13-05A	扭簧	Bushing	1	1	
5	2102.13-03	调上送量蜗轮	Collar	1	1	
6	001-806001014-1	螺钉	Screw	1	1	
7	12-115160	O型橡胶密封圈	Latch	1	1	
8	2102.13-07	连杆后轴套	Spring	1	1	
9	2102.13-13	制动环	Latch	1	1	
10	10-1401014-1	轴用弹性挡圈	Screw	1	1	
12	01-504001621-1	螺钉	Bushing	1	1	
13	2102.13-10	调上送限位螺钉	Rod	1	1	
14	2102.13-09	调上送量挡板	O Ring	1	1	
15	01-504000821-1	螺钉	Lever	1	1	
16	01-804000414-1	螺钉	Screw	1	1	
17	201.13-02A-03	铰链销	Screw	1	1	
18	01-504000821-1	螺钉	Nut	1	1	
19	2102.13-16	上送差动扳手	Screw	1	1	
20	2102.13-15	制动偏心轮	Spring Washer	1	1	
21	2102.13-14	制动连杆轴	Blade Guide	1	1	
22	03-605000400-1	螺母	Screw	3	3	
23	2102.13-06	调上送量轴	Spacer	3	3	
24	05-15015240-1	平垫片	Stopper	1	1	
25	05-15015240-1	平垫片	Screw	1	1	
26	2102.13-12	调上送量旋钮	Nut	2	2	
27	01-505001221-1	螺钉	Washer	1	1	



14. 剪切部分 Thread trimmer mechanism

序号	图号	名称		4线	4厚	5线	5厚	大针距	6线	6厚	备注
		中文	英文								
1	201.11-01	销轴	Pin	1	1						
2	2111.10-01	上刀轴	Upper Knife Shaft	1	1						
3	13-09330150	油封	Oil Seal	1	1						
4	201.07-06	套筒	Bushing	1	1						
5	201.07-06	套筒	Bushing	1	1						
6	201.11-06	上刀轴箍	Crank Pin	2	2						
7	01-806750514-1	挡圈螺钉	Screw	2	2						
8	2101.14-02	上切刀曲柄组件	Feed Forked Arm Components	1	1						
	2103.14-02	上切刀曲柄组件	Feed Forked Arm Components			1	1				
9	2101.14-02-01	上切刀曲柄	Feed Forked Arm	1	1						
	2103.14-02-01	上切刀曲柄	Feed Forked Arm			1	1				
10	01-506751224-1	螺钉M6x12	Screw	1	1						
11	201.05-13	销轴	Pin	1	1						
12	201.11-11	上刀连杆组件	Connecting Rod ASM	1	1						
13	201.11-11-01	上刀连杆	Feed Forked Connecting Rod	1	1						
14	01-404001623-1	上切刀传动连杆固定螺钉	Setscrew	2	2						
15	01-804000614-1	上切刀传动连杆紧定螺钉	Setscrew	1	1						
16	201.11-14	上切刀	Upper Knife	1							
	2102.11-14	上切刀	Upper Knife		1						
17	01-535000821-1	上切刀固定螺钉	Setscrew	1	1						
18	201.11-16	上刀座	Plain Knife Support	1	1						
	203.11-16	上刀座	Plain Knife Support			1					
19	01-504001221-1	上切刀架固定螺钉	Setscrew	1	1						
20	201.11-18	下切刀弹簧	Lower Knife Spring	1	1						
21	201.11-19	下切刀架	Lower Knife Slide Stud	1	1						
	203.11-19	下切刀架	Lower Knife Slide Stud			1	1				
	2102.11-19	下切刀架	Lower Knife Slide Stud					1			
	201.11-19	下切刀架	Lower Knife Slide Stud							1	
22	01-504000821-1	下切刀架固定螺钉	Setscrew	1	1						
23	201.11-21	下切刀	Lower Knife	1							
	2102.11-21	下切刀	Lower Knife		1						
	201.11-21	下切刀	Lower Knife							1	
24	201.11-22	下切刀压板	Lower Knife Presser Board	1	1						
25	01-705000821-1	下切刀固定螺钉	Setscrew	1	1						
26	201.11-24	下切刀架支板	Lower Knife Bracket Support	1	1						
27	01-404000823-1	下切刀架定位板固定螺钉	Setscrew	2	2						
28	201.11-26	弹簧挡板	Spring Plate	1	1						
29	01-404000823-1	弹簧挡板固定螺钉	Spring Plate Setscrew	2	2						
30	2103.23-10	下吸刀组件	Chain Cutter Complete			1					
	2104.23-10	下吸刀组件	Chain Cutter Complete				1				
31	01-645000621-1	螺钉	Screw			2	2				

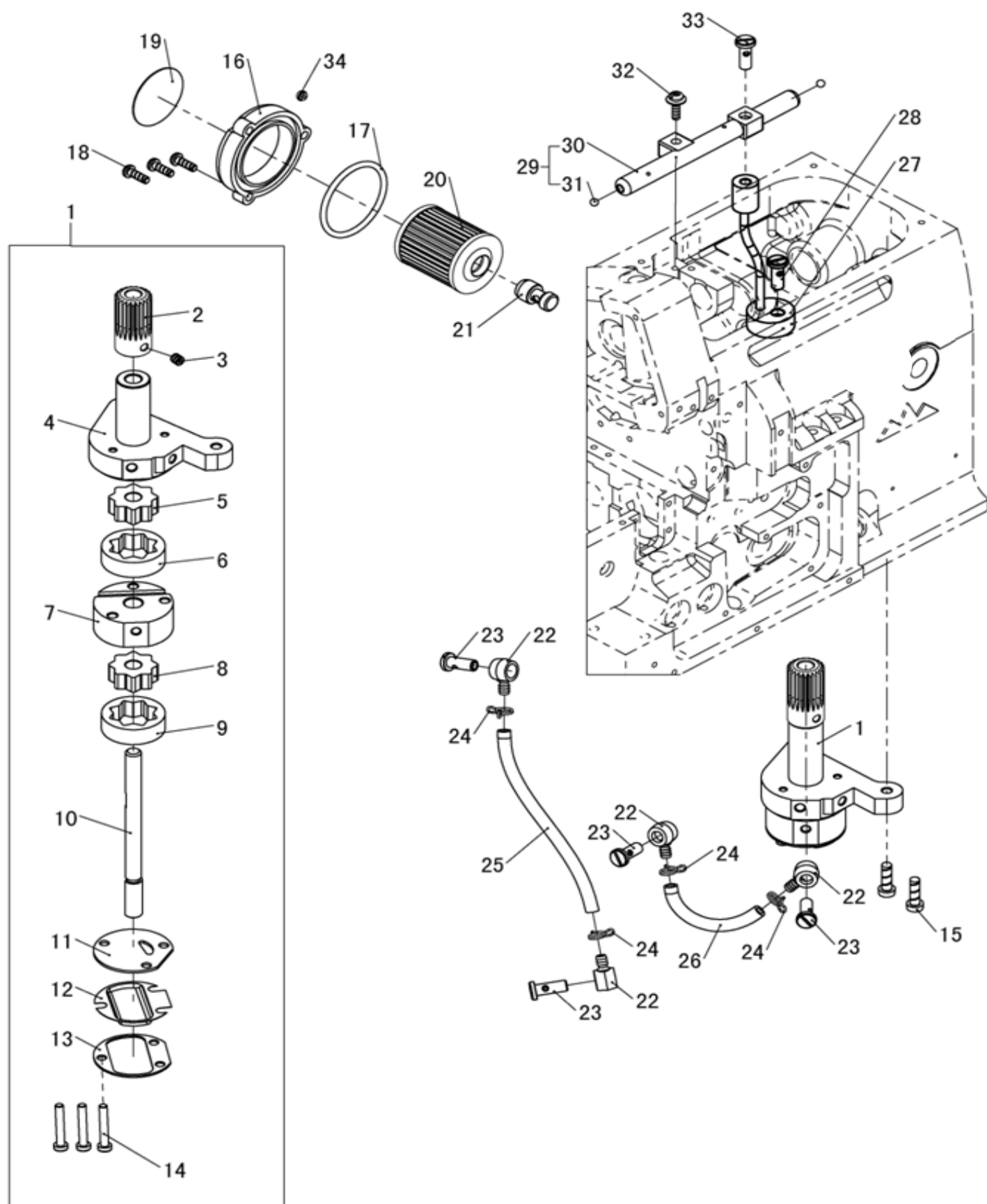


15. 压布传动部分 Presser foot driving mechanism

序号	图号	名称		4线	4线 厚料	5线	5线 厚料	大针 距	备注
		中文	英文						
1	2102. 13-17	护片	Thread Cutting Knife	1	1				
2	01-503000421-1	割线刀螺钉	Thread Cutting Knife Screw	1	1				
3	201. 13-02A	抬压脚组件	Lifting Presser Foot ASM	1	1				
4	201. 13-02A-01	抬压脚轴	Lifting Presser Foot Shaft	1	1				
5	201. 13-02A-02	抬压脚臂	Lifting Presser Foot Arm	1	1				
6	201. 13-02A-03	铰链销	Hinge Pin	1	1				
7	01-804000614-1	铰链销紧定螺钉	Hinge Pin Setscrew	1	1				
8	2101. 15-01	抬牙杠杆	Lever	1	1				
9	2101. 15-02	弹簧	Spring	1	1				
10	2101. 15-03	定位片	Stopper	1	1				
11	09-0420408-1	平垫片	Spring Washer	1	1				
12	01-504000621-1	M4×6螺钉	Screw	1	1				
13	2101. 15-04	压脚轴套	Presser Foot Bushing	1	1				
14	01-404000823-1	压脚轴套紧定螺钉	Presser Foot Bushing Setscrew	1	1				
15	2101. 15-05	扭簧	Twisting Spring	1	1				
16	2101. 15-06	挡圈组件	Collar ASM	1	1				
17	2101. 15-06-01	挡圈	Collar	1	1				
18	01-505001424-1	螺钉 M5x14	Screw	1	1				
19	201. 13-12	抬压脚轴杠杆	Lifting Presser Foot Shaft Lever	1	1				
20	201. 13-13	抬压脚曲柄组件	Lifting Presser Foot Crank ASM	1	1				
21	201. 13-13-1	抬压脚曲柄	Lifting Presser Foot Crank	1	1				
22	01-506751424-1	抬压脚曲柄螺钉	Lifting Presser Foot Crank Screw	1	1				
23	201. 13-15	杠杆弹簧	Adjusting Lever Spring	1	1				
24	201. 13-16	抬压脚杠杆	Lifting Lever Link	1	1				
25	201. 13-17	抬压脚杠杆轴位螺钉	Lifting Lever Link Screw	1	1				
26	2101. 15-07	吊钩	Lifting Hook	1	1				
27	295. 13-19A	抬压脚杠杆限位板	Lifting Level Link Limited Board	1	1				
	201. 13-19	抬压脚杠杆限位板	Lifting Level Link Limited Board			1	1		
28	01-404001623-1	十字一字槽盘头螺钉	Setscrew	2	2				
29	01-505002421-1	调节螺钉	Presser Spring Regulation	2	2				
30	03-605000400-1	调节螺母	Nut	2	2				
31	2101. 15-08	杠杆组件	Lever ASM	1	1				
32	2101. 15-08-01	杠杆	Lever	1	1				
33	01-505001224-1	M5×12螺钉	Screw	1	1				

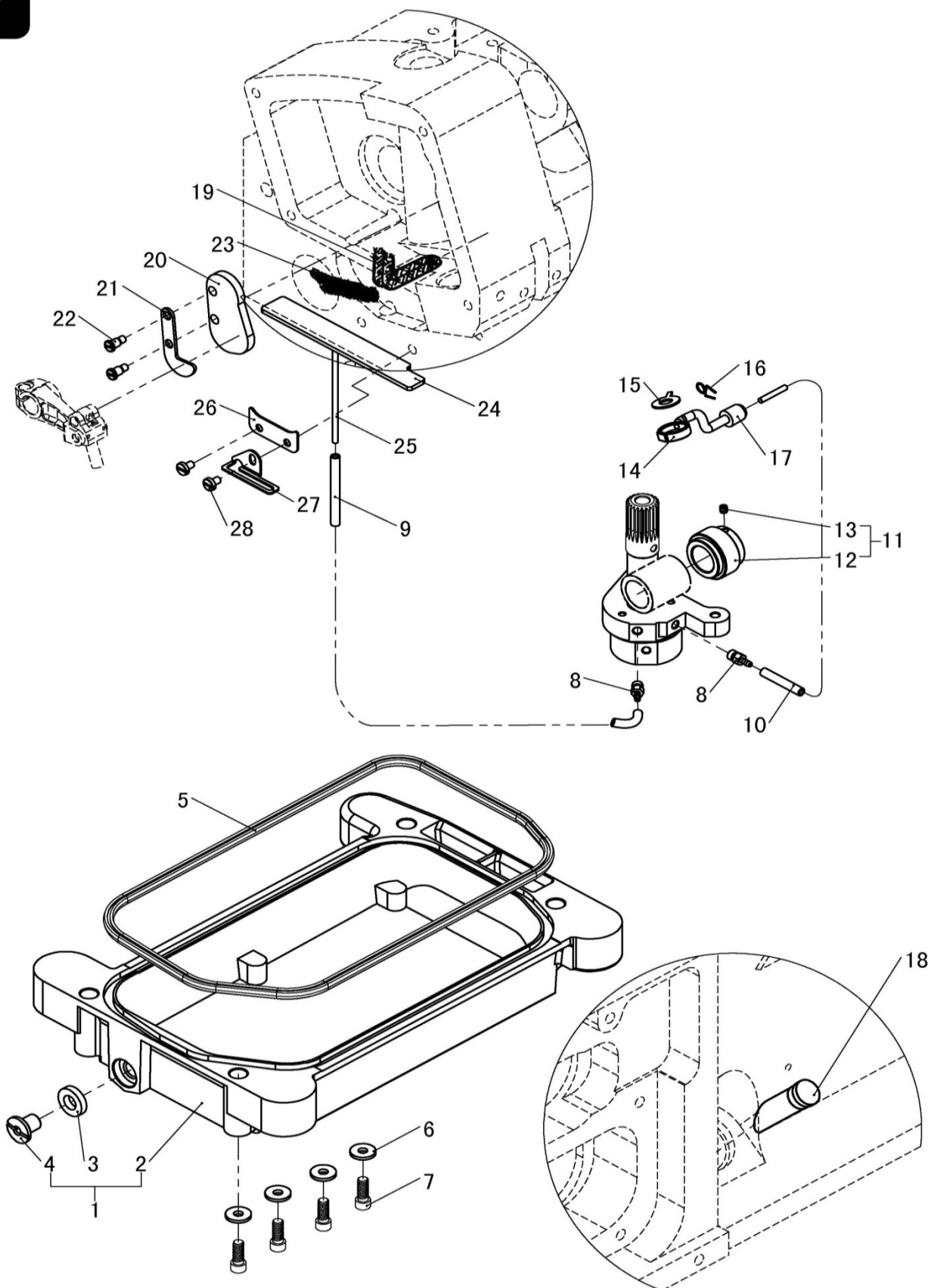
15. 压布传动部分 Presser foot driving mechanism

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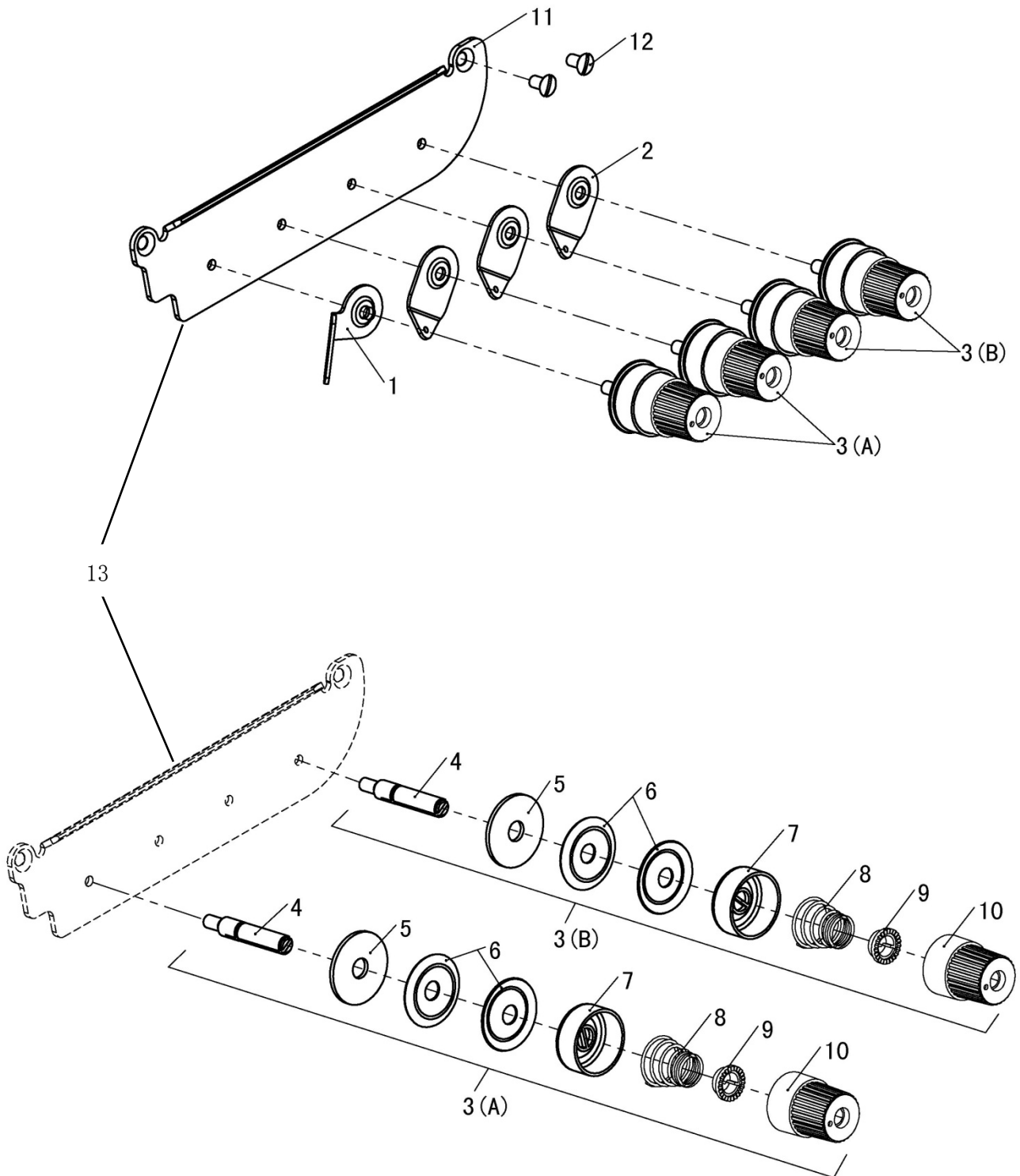
16. 润滑部分 Lubrication component

序号	图号	名称		4线	4线厚料	备注
		中文	英文			
1	210. 14-00	油泵组件	Oil Pump ASM	1	1	
2	201. 14-01-01	油泵蜗轮	Worm Gear	1	1	
3	01-805000514-1	油泵蜗轮紧定螺钉	Worm Gear Setscrew	1	1	
4	201. 14-01-03	油泵体	Oil Pump	1	1	
5	201. 14-01-04	油泵转子	Pinion Gear	2	2	
6	201. 14-01-05	油泵定子	Oil Pump Pinion	2	2	
7	210. 14-01-06	油泵底座	Oil Pump Base	1	1	
8	210. 14-01-04	大油泵转子	Pinion Gear	1	1	
9	210. 14-01-05	大油泵定子	Oil Pump Pinion	1	1	
10	201. 14-01-07	油泵主轴	Gear Pump Shaft Large	1	1	
11	201. 14-01-08	油泵底板	Pinion Spacer	1	1	
12	201. 14-01-09	滤油网	Filter	1	1	
13	201. 14-01-10	滤油网固定片	Filter Gasket	1	1	
14	201. 14-01-11	油泵底板固定螺钉	Setscrew	3	3	
15	01-504001621-1	螺钉	Screw	2	2	
16	351. 17-05	过滤器盖	Oil Finding Cap	1	1	
17	12-390350	O型圈	O Ring	1	1	
18	01-404001223-1	M4×12螺钉	Screw	3	3	
19	201. 02-37	过滤器标识	Filter Seal	1	1	
20	201. 14-05	滤油器	Cartridge Filter	1	1	
21	2101. 16-05	滤油器连接头	Joint	1	1	
22	201. 14-10	油管接头	Oil Pipe Joint	4	4	
23	201. 14-11	油管活接头螺钉	Screw	4	4	
24	201. 20-08	油管卡簧	Oil Pipe Spring	4	4	
25	2101. 16-01	主轴供油管	Oil Pipe	1	1	
26	2101. 16-02	滤油器供油管	Oil Pipe	1	1	
27	2101. 16-03	油管导引装置	Oil Distributor	1	1	
28	201. 14-11	油管连接螺钉	Screw	1	1	
29	2101. 16-04	油分配器组件	Oil Distributor Complete	1	1	
30	2101. 16-04-01	油分配器	Oil Distributor	1	1	
31	2101. 16-04-02	塞	Plug	1	1	
32	18-404001623-3	M4×16螺钉组件	Washer	1	1	
33	201. 14-11	油管连接头螺钉	Screw	1	1	
34	22-08003010	橡胶塞	Plug	1	1	



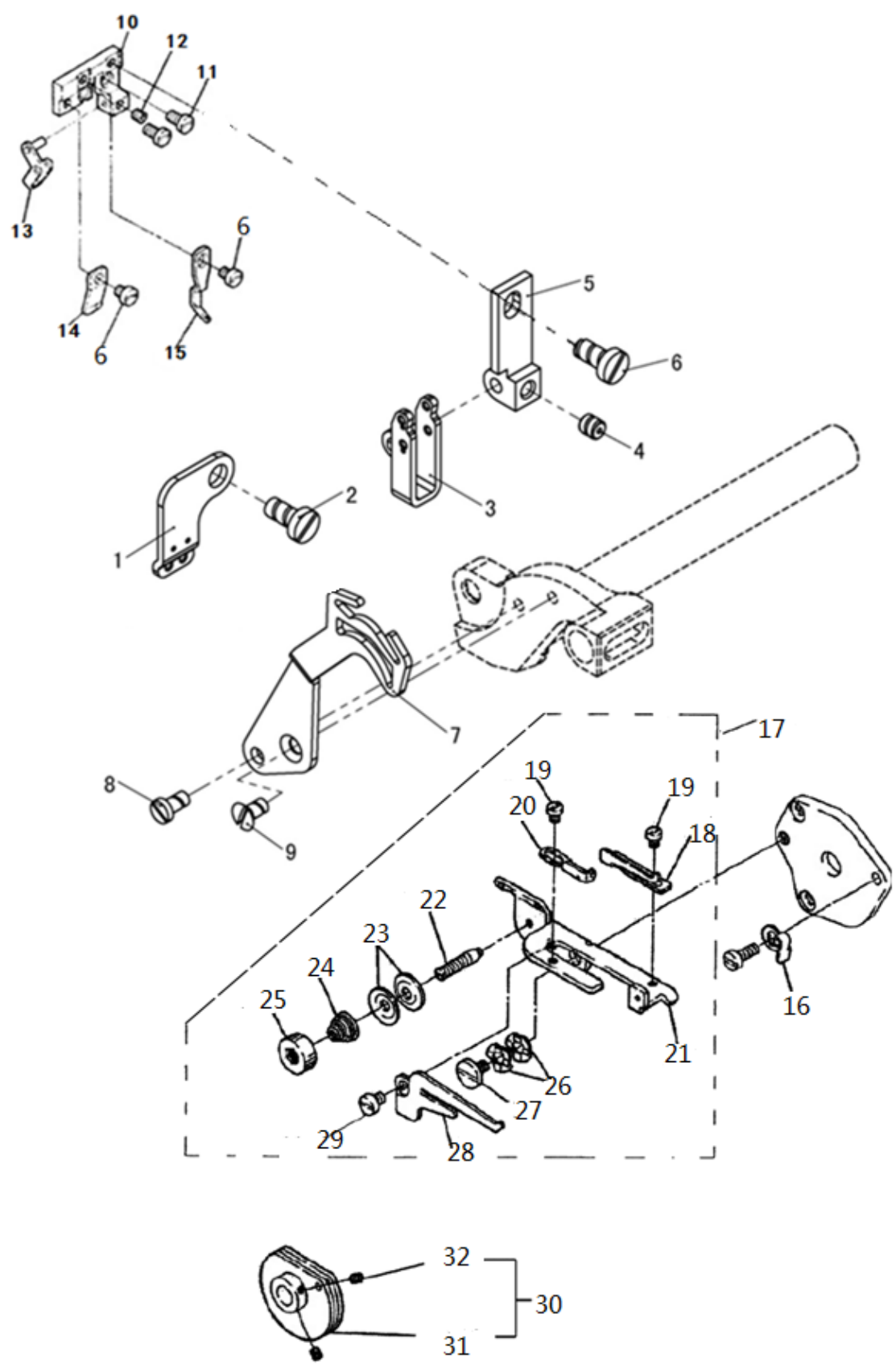
17. 油盘部分 Oil reservoir component

序号	图号	名称		4线	4线厚料	备注
		中文	英文			
1	201. 15-01	油盘组件	Oil Tray ASM	1	1	
2	201. 15-01-01	油盘	Oil Tray	1	1	
3	201. 15-01-02	放油螺钉油封	Oil Seal	1	1	
4	201. 15-01-03	放油螺钉	Oil Release Screw	1	1	
5	201. 15-04	密封圈	Oil Reservior Gasket	1	1	
6	05-053201450-1	垫片	Gasket	4	4	
7	01-505001224-1	油盘固定螺钉	Setscrew	4	4	
8	201. 15-07	油管接头	Oil Pipe Joint	2	2	
9	2101. 17-01	机头回油管	Oil Pipe	1	1	
10	2101. 17-02	针杆回油管	Oil Pipe	1	1	
11	210. 15-10	蜗杆组件	Worm Rod ASM	1	1	
12	210. 15-10-01	蜗杆	Worm Rod	1	1	
13	01-804000421-1	螺钉	Screw	2	2	
14	2101. 17-03	针杆回油器	Oil Returning Components	1	1	
15	2101. 17-04	毛毡	Felt	1	1	
16	2101. 17-05	油管夹	Oil Pipe Spring	1	1	
17	2101. 17-07	橡胶塞	Plug	1	1	
18	201. 15-18	圆柱形油窗	Oil Window	1	1	
19	2101. 17-08	油线	Oil Wick	1	1	
20	2101. 17-09	油毡	Oil Felt	1	1	
21	2101. 17-10	固定板	Cover	1	1	
22	01-604000821-1	M4螺钉	Screw	2	2	
23	311. 06-03	油毡	Oil Wick	1	1	
24	2101. 17-13A	毛毡	Felt	1	1	
25	2101. 17-14	排油管	Exhaust Oil Distributor	1	1	
26	2101. 17-15	后盖	Cover	1	1	
27	2101. 17-16	垫片	Spacer	1	1	
28	01-504000621-1	M4×6螺钉	Screw	2	2	



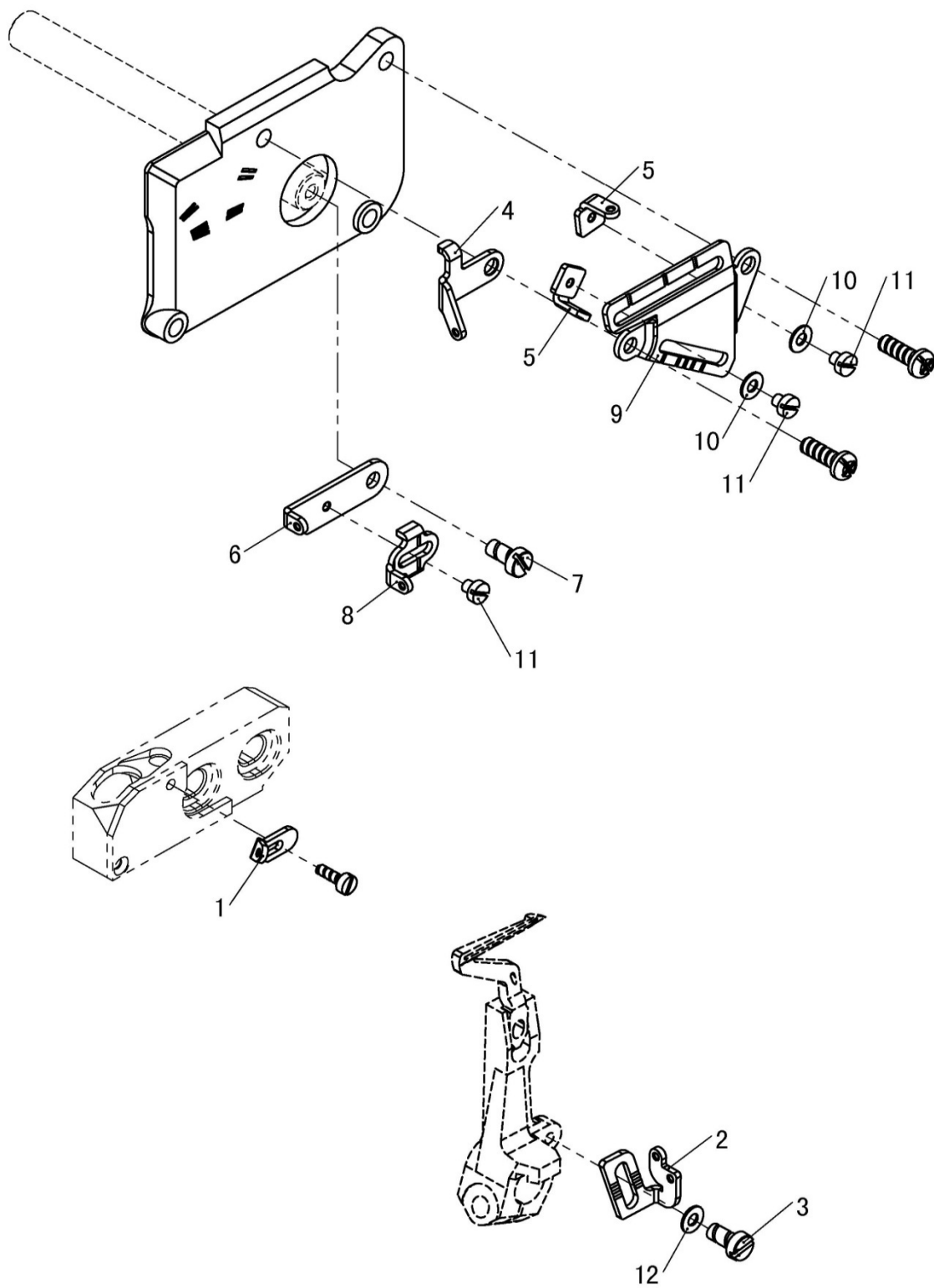
18. 夹线器部分 Thread tension component

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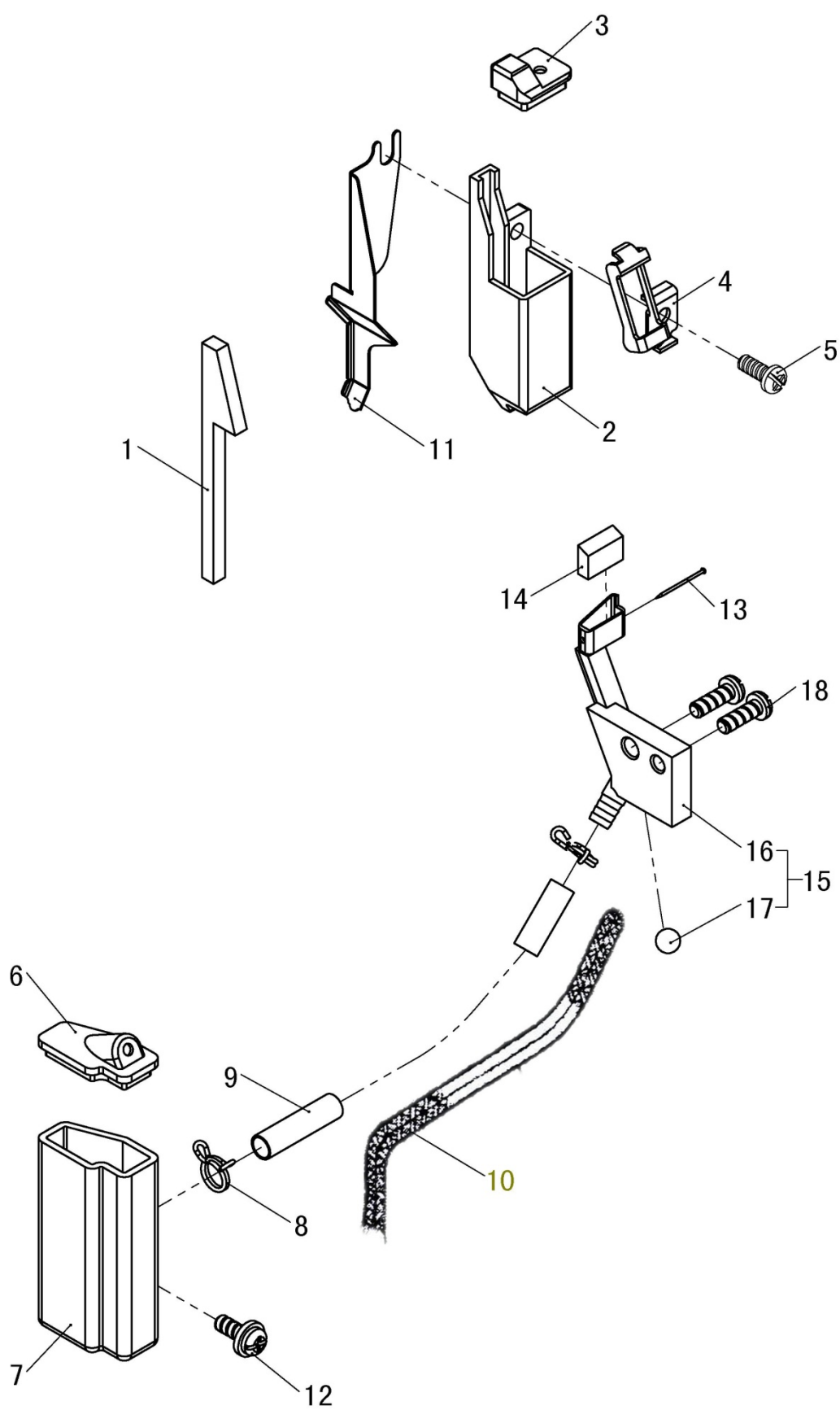
19. 过线件部分(1) Thread guider component(1)

序号	图号	名称		4线	4厚	5线	5厚	6线	6厚	备注
		中文	英文							
	2102. 17-05	穿线板	Thread Tension Disk	1	1					
2	01-604000821-1	穿线板螺钉	Screw	1	1					
3	202. 17-09	二眼过线板组件	Two-hole Thread Tension ASM	1	1					
	203. 17-09	二眼过线板组件	Two-hole Thread Tension ASM			1	1			
	206. 17-09	二眼过线板组件	Two-hole Thread Tension ASM					1	1	
4	01-804000414-1	二眼过线板螺钉	Screw	1	1					
5	201. 17-11	过线板座	Thread Tension Base	1	1					
	203. 17-11	过线板座	Thread Tension Base			1	1			
6	01-604000821-1	过线板座螺钉	Screw	1	1					
	01-504000521-1	单孔过线板固定螺钉	Setscrew			3	3			
7	2101. 19-01	挑线板	Thread Take-up Disk	1	1					
	2103. 19-01	挑线板	Thread Take-up Disk			1				
	2104. 19-01	挑线板	Thread Take-up Disk				1			
	2105. 19-01	挑线板	Thread Take-up Disk					1		
	2107. 19-01	挑线板	Thread Take-up Disk						1	
8	01-603000621-1	M3×6螺钉	Setscrew	1	1					
9	01-103000621-1	M3×6螺钉	Setscrew	1	1					
10	203. 17-01	过线板固定座	Thread Tension Base			1	1			
11	01-604000821-1	过线板固定座螺钉	Thread Tension Base Screw			2	2			
12	203. 17-03	过线板组件	Thread Tension ASM			1	1			
13	01-804000414-1	过线板螺钉	Screw			1	1			
14	2102. 17-05	穿线板	Thread Tension Disk			1	1			
	2102. 17-05	穿线板	Thread Tension Disk					1	1	
15	203. 17-07	单孔过线板	Single-hole Thread Guide Disk			1				
	204. 17-07	单孔过线板	Single-hole Thread Guide Disk				1			
16	203. 19-05	过线环	Thread Ring							
17	203. 19-06	前弯针导线架组件	Components			1	1			
18	203. 19-06-01	过线板 A	Thread Tension Disk A			1	1			
19	01-503000421-1	过线板螺钉	Screw			1	1			
20	203. 19-06-03	过线板B	Thread Tension Disk B			2	2			
21	203. 19-06-04	导线架	Thread Guide Rack			1	1			
22	203. 19-06-05	压线螺钉	Screw			1	1			
23	203. 19-06-06	压线板	Thread Presser Disk			1	1			
24	203. 19-06-07	压线簧	Thread Presser Spring			2	2			
25	203. 19-06-08	压线螺母	Thread Presser Nut			1	1			
26	201. 03-07	波形弹性垫圈	Elastic Cushion			1	1			
27	201. 03-08	导线架螺钉	Screw			2	2			
28	203. 19-06-11	导线板	Thread Guide Disk			1	1			
29	01-504000521-1	导线板螺钉	Screw			1	1			
30	203. 19-07	张力变换凸轮组件	Tension Changing Cam ASM			1	1			
31	203. 19-07-01	张力变换凸轮	Tension Changing Cam			1	1			
32	01-803000314-1	凸轮轴套紧定螺钉	Setscrew			2	2			



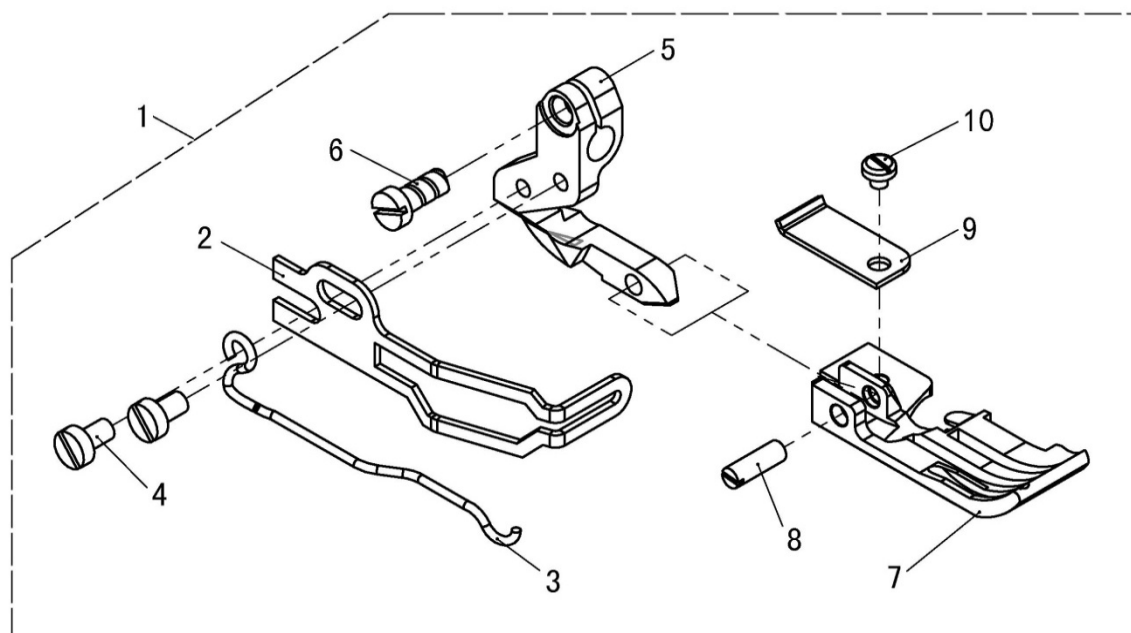
20. 过线件部分(2) Thread guider component (2)

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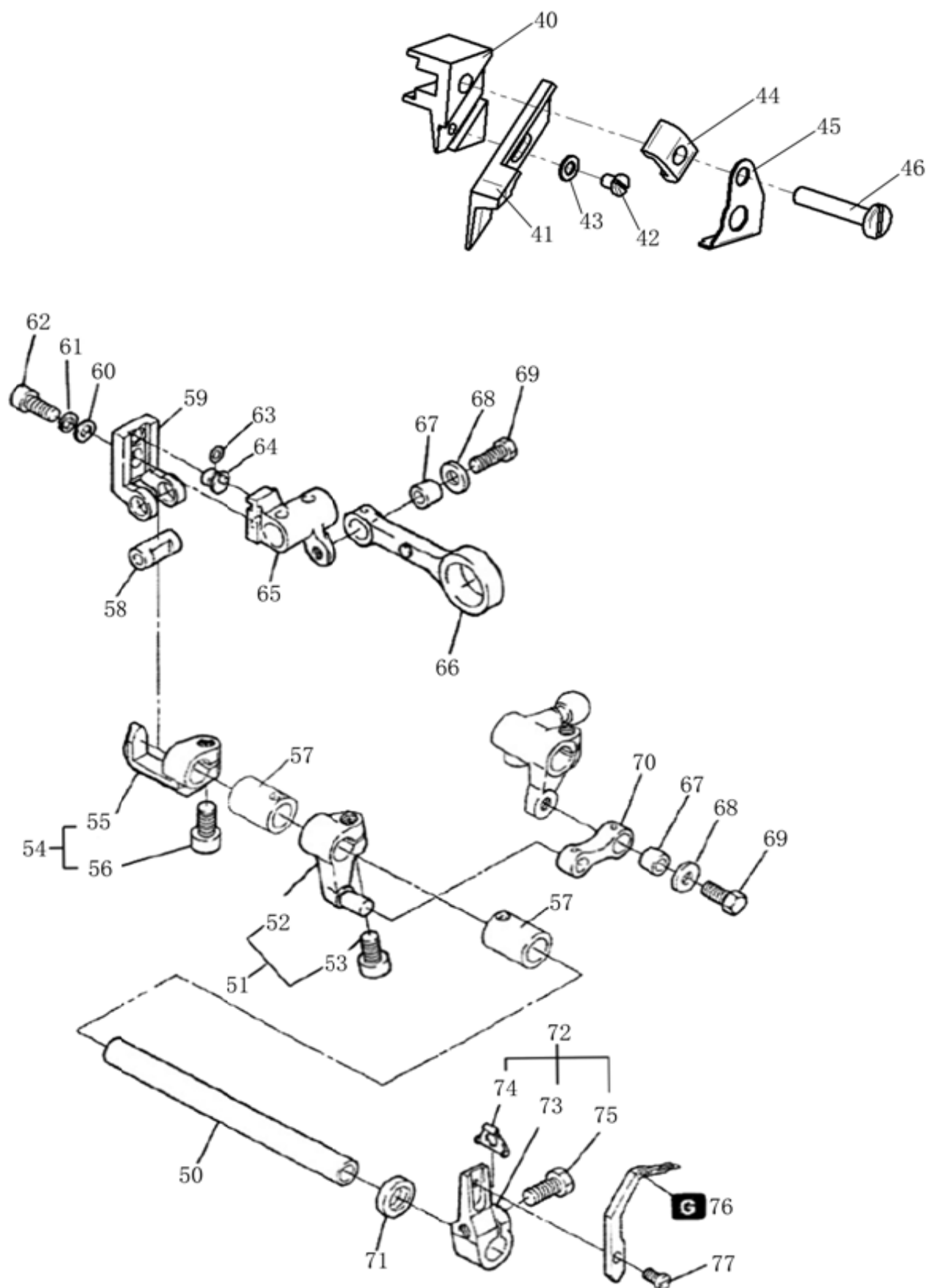
21. 硅油装置部分 Silicone oil component

序号	图号	名称		4线	4线 厚料	5线	5线 厚料	备注
		中文	英文					
1	201. 20-01	滤油毡	Filter Felt	1	1			
	203. 20-01	滤油毡	Filter Felt			1	1	
2	201. 20-02	硅油盒	Silicon Oil Box	1	1			
3	201. 20-03	油箱盒盖	Box Cover	1	1			
4	201. 20-04	压板	Presser Disk	1	1			
	203. 20-04	压板	Presser Disk			1	1	
5	01-404001023-1	压板螺钉	Screw	1	1			
6	201. 20-06	小油箱盖	Tank Cover	1	1			
7	201. 20-07	小油箱	Tank Small	1	1			
8	201. 20-08A	卡簧	Spring	2	2			
9	201. 20-09	油管	Oil Pipe	1	1			
10	201. 20-10	油线	Oil Thread	1	1			
11	201. 20-11	挡板	Thrust	1	1			
12	18-404001123-4	小油箱固定螺钉	Setscrew (zinc)	1	1			
13	201. 20-13	机针冷却器油线钉	Screw	1	1			
14	201. 20-14	油毡	Felt	1	1			
	203. 20-14	油毡	Felt			1	1	
15	201. 20-15	机针冷却器组件	Needle Fridger Components	1	1			
	203. 20-15	机针冷却器组件	Needle Fridger Components			1	1	
16	201. 20-15-01	机针冷却器	Needle Fridger	1	1			
	203. 20-15-01	机针冷却器	Needle Fridgr			1	1	
17	201. 20-15-02	钢球	Steel Ball	1	1			
18	01-404001223-1	机针冷却器固定螺钉	Setscrew	2	2			
	01-404000823-1	机针冷却器固定螺钉	Setscrew			2	2	



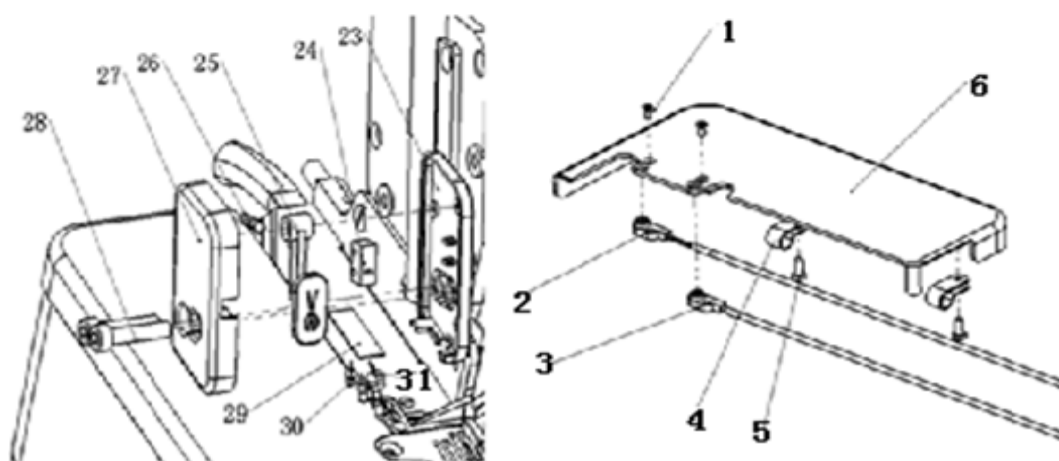
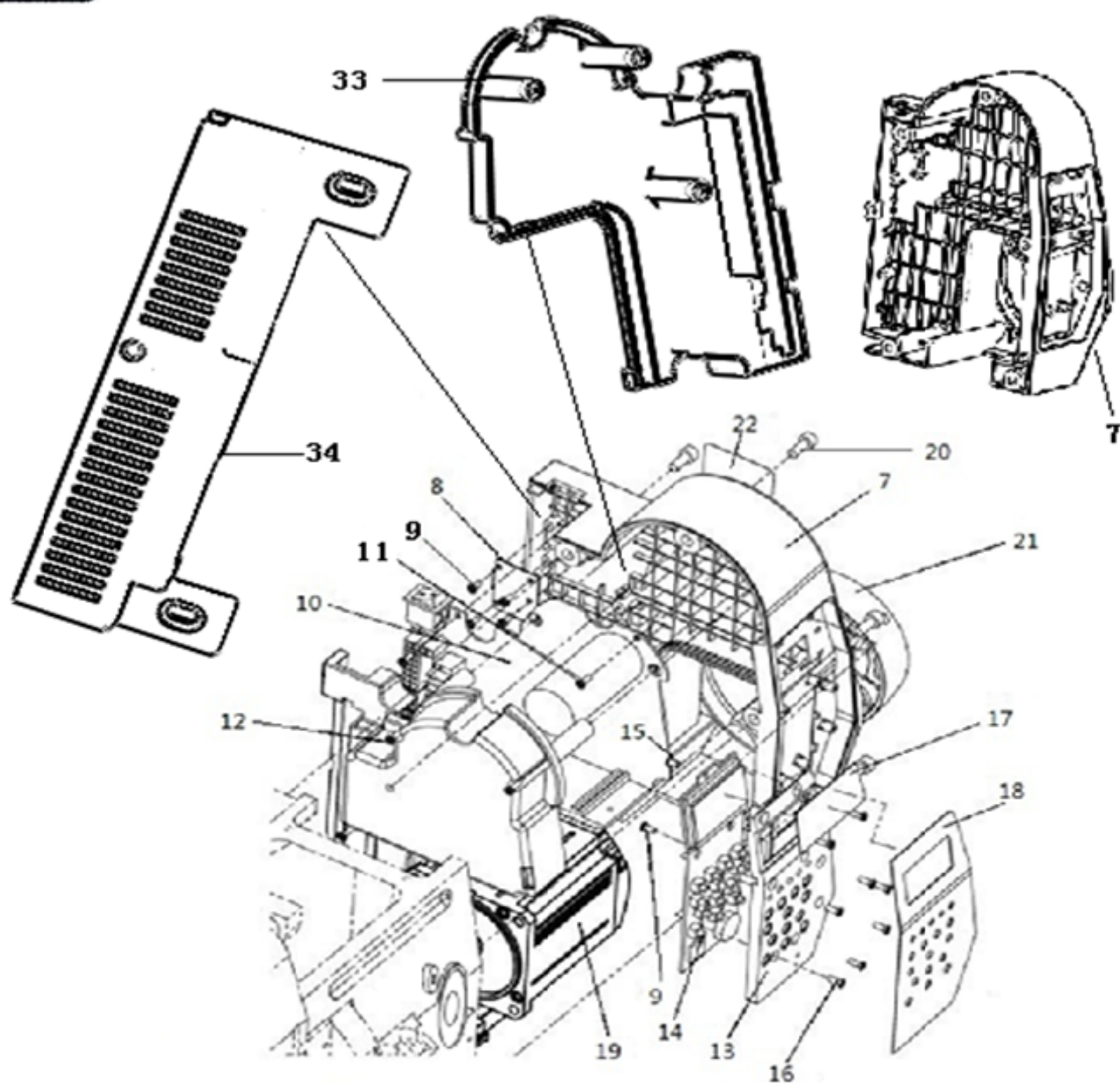
22. 压脚部分 Presser foot mechanism

[illegible]



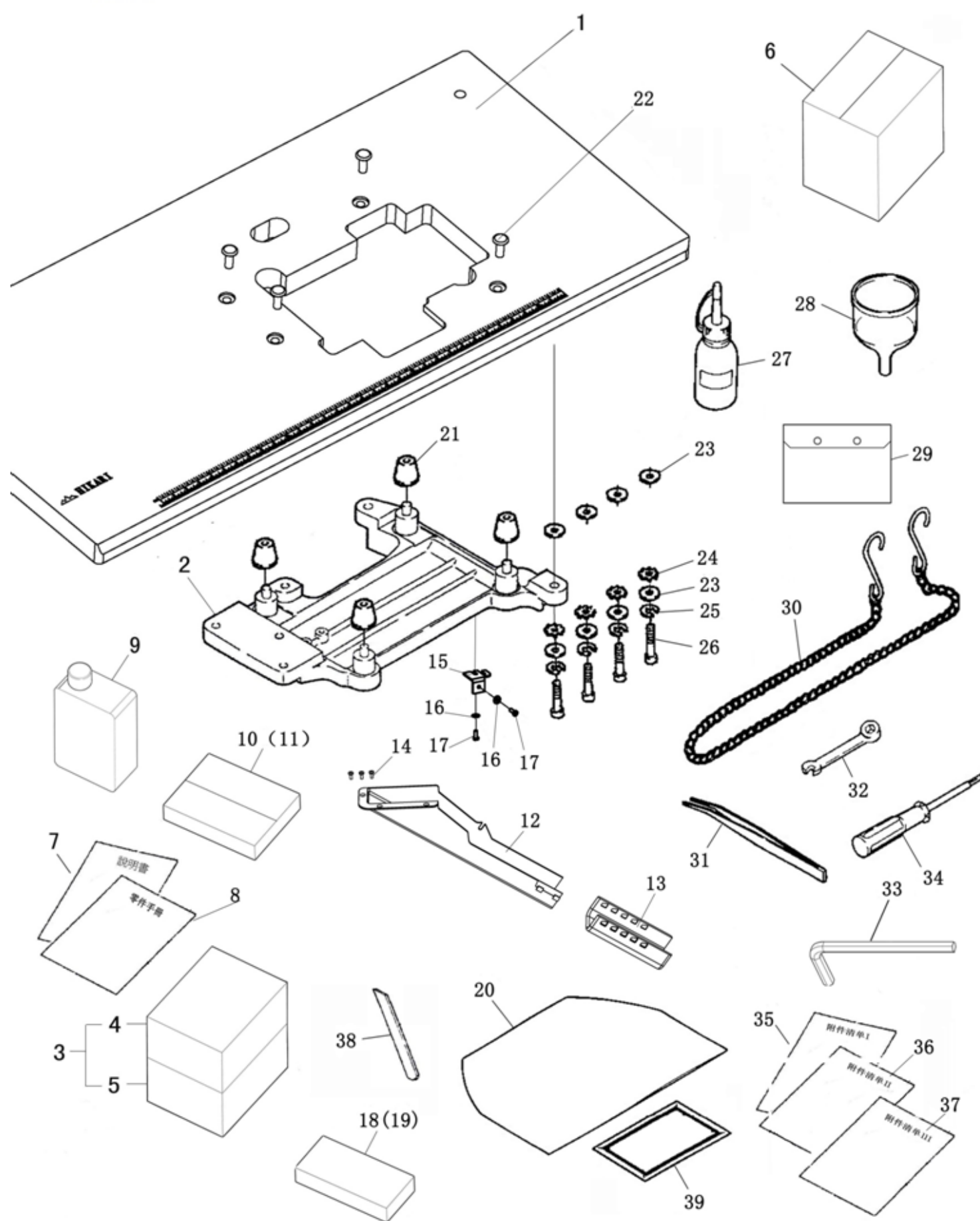
23. 五线专用件 Five-wire special parts

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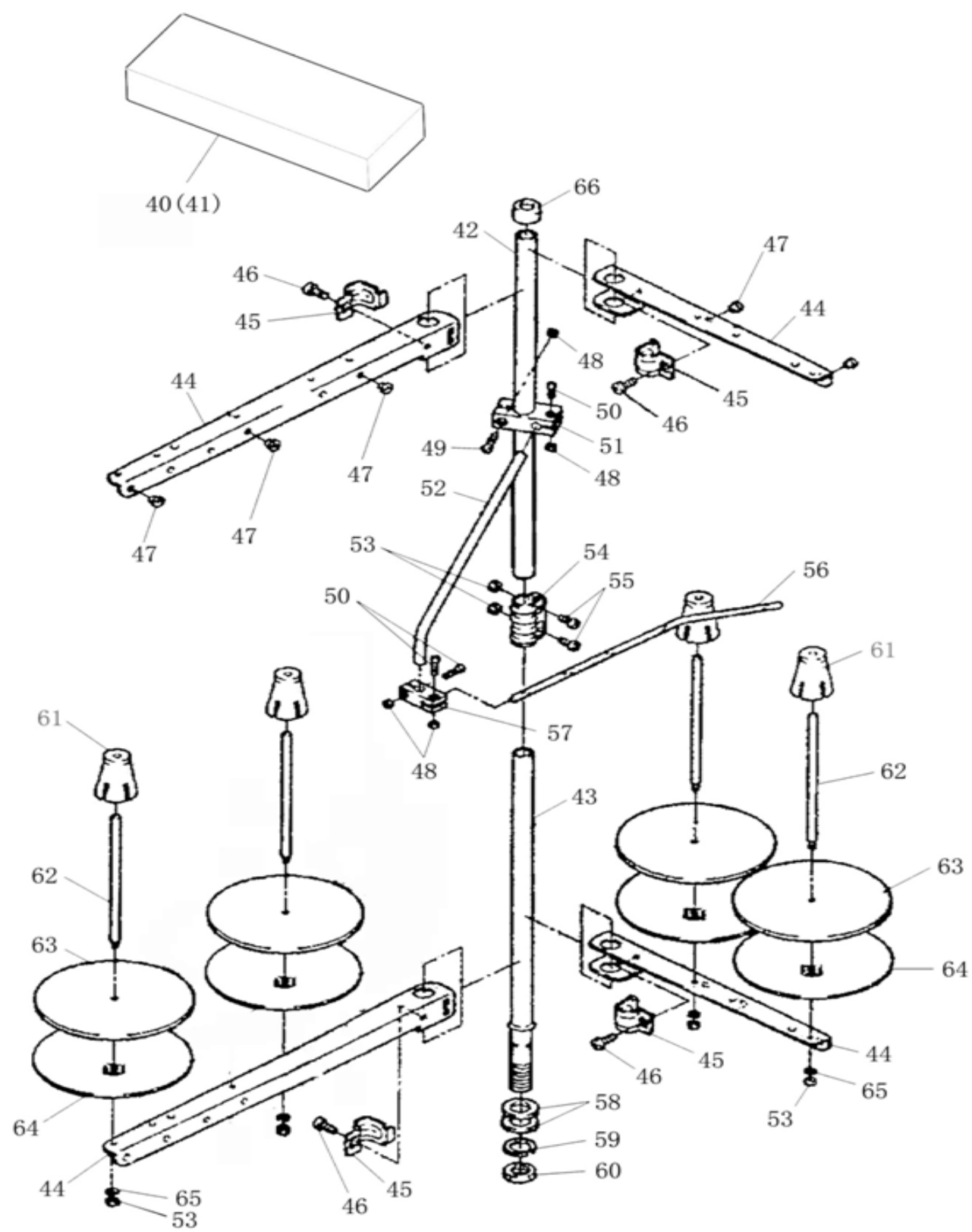
24. 电机罩部分 Motor cover part

序号	图号	名称		4线	4线厚料	5线	5线厚料	备注
		中文	英文					
1	01-103000621-1	螺钉	Sewing Machine Components	2	2			
	01-103000622-3	螺钉	Sewing Machine Components			2	2	
2	295. 33-05	前接收光眼组件	Filter Glass	1	1	1	1	
3	295. 33-06	中接收光眼组件	Induction Shell	1	1	1	1	
4	113. 08-19	5/16R型线夹	Circuit Board	2	2	2	2	
5	01-404000823-1	螺钉	Fender	2	2			
6	295. 03-22A	缝台	Screw	1	1			
7	2102. 02-04	电机罩	The Motor Cover	1	1			
8	295. 02-40-05C	USB接口组件	USB Interface Components	1	1			
9	20-4290672-3	盘头自攻螺钉	Head Tapping Screw	1	5			
10	295. 02-40-04	电控主控板	Electronic Control Panel	1	1			
11	20-4290872-3	盘头自攻螺钉	Head Tapping Screw	3	3			
12	20-4291072-3	盘头自攻螺钉	Head Tapping Screw	3	3			
13	295. 02-41	面板盖板	Panel Cover Plate	1	1			
14	295. 02-40-06	面板PCB板组件	Panel PCB Module	1	1			
15	20-4290632-3	盘头自攻螺钉	Head Tapping Screw	1	1			
16	20-1290872-3	沉头自攻螺钉	Countersunk Head Self-tapping Screw	8	8			
17	295. 02-44	显示屏保护外壳	The Screen Protects The Shell	1	1			
18	295. 02-42	面板贴膜	Panel Sticker	1	1			
19	M0-05B-550/01D	电机码盘组件	Motor Code Disk Assembly	1	1			
20	01-505001224-1	螺钉	Screw	5	5			
21	296. 04-27	手轮组件	The Handwheel Components	1	1			
22	296. 33-13	电控安全标识	Electrical Control Safety Identification	1	1			
23	2102. 23-02	发射外壳下	The Third Eye Receive The Cable	1	1			
24	30047837	微动开关(无弹片)	The Third Optical Eye Launches The Cable	1	1			
25	2102. 23-03	剪线按钮	Carrier Electric Eye Singal Connecting Line	1	1			
26	246. 27-21	剪线按钮压簧	Seaming Safety Switch Connecting Line	1	1			
27	2102. 23-01	发射外壳上	Press Foot Safety Switch Hall Connector	1	1			
28	01-505002224-1	螺钉	Nose Connection	2	2			
29	30047837	发射感应PCB板	Electrical Power Supply Input Line	1	1			
30	30050298	红外发射光眼 φ3	Foot Control Speed Switch Wiring	3	3			
31	30047838	照明灯	Solenoid Valve Transfer Connection(Three Valve)	1	1			
32	X-05-33A	机头连接线	Motor Cover Plate	1	1			
33	2102. 02-38	电机罩盖板	The Motor Cover	1	1			
34	2102. 02-39	电线防护罩	Wire shield	1	1			



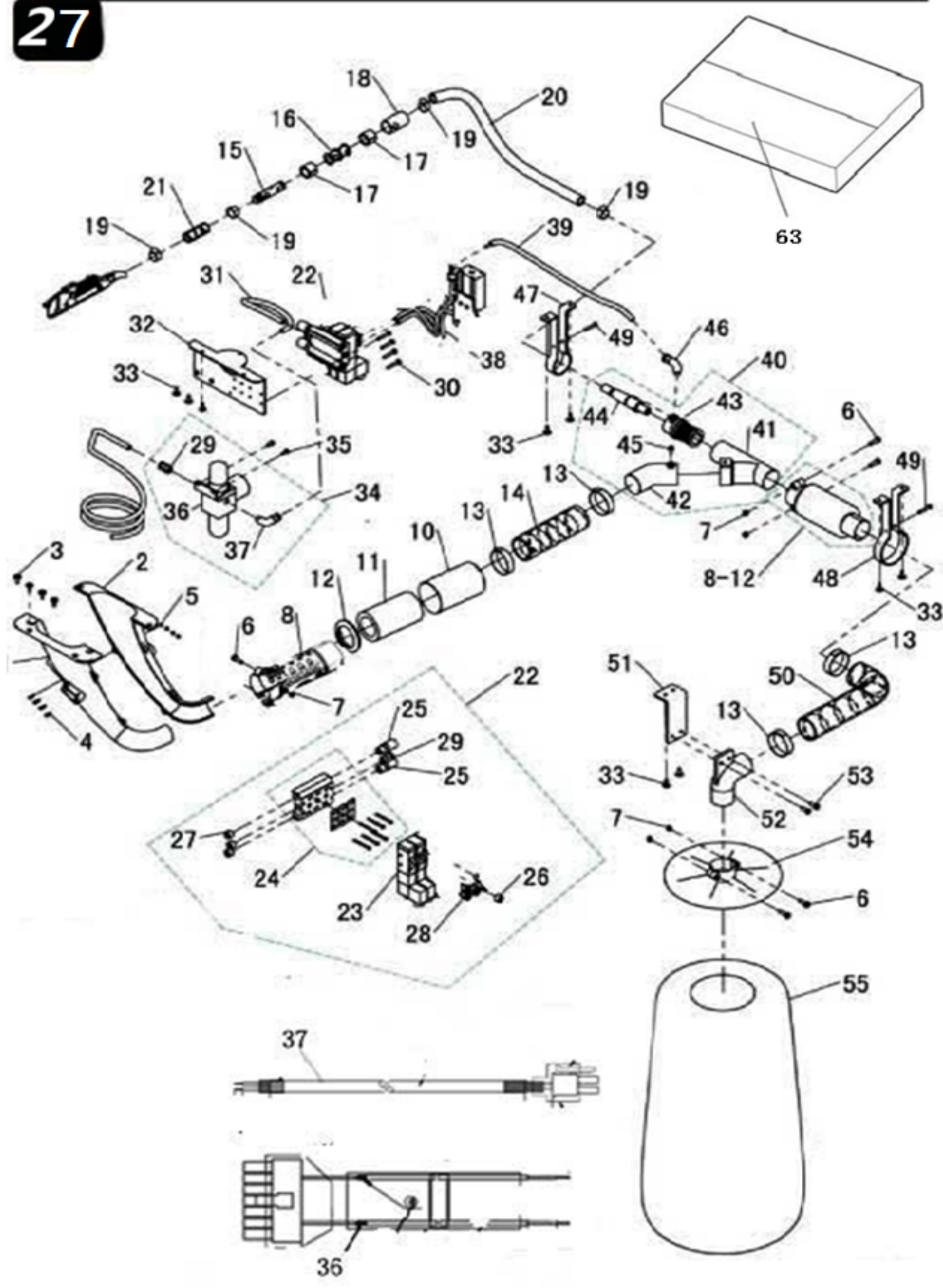
25. 附件部分 (1) Accessory list(1)

序号	图号	名称		4线	4厚	5线	5厚	大针距	6线	6厚	备注
		中文	英文								
1	2101.23-01	台板	Table(Semi-Sunken)	1	1						
2	201.22-02	台板托盘	Frame Holding Plate	1	1						
3	2102.24-02	泡沫箱组件	Foam Box ASM	1	1						
4	2102.24-02-01	泡沫箱 (上)	Foam Box (Up)	1	1						
5	2102.24-02-02	泡沫箱 (下)	Foam Box (Down)	1	1						
6	2101.24-01	外包装箱	Packing Box (Outside)	1	1						
7	2101.24-03	说明书	Instruction Manual	1	1						
8	2101.24-04	零件手册	Parts Book	1	1						
9	201.22-06	大油壶	Oil Pot	1	1						
10	201.22-07	大附件箱组件	Big Accessories Box ASM	1	1						
	HX-7 (KSC)	大附件箱组件	Big Accessories Box ASM			1	1		1	1	
	295.22-07-01	大附件箱组件	Big Accessories Box ASM					1			
11	201.22-07-01	大附件箱 (A)	Big Accessories Box (A)	1	1						
12	201.22-07-02	漏斗槽上段	Cloth Waste Chute Upper	1	1						
13	201.22-07-03	漏斗槽下段	Cloth Waste Chute Lower	1	1						
14	201.22-07-04	漏斗槽上段固定螺钉	Setscrew	3	3						
15	201.22-07-05	漏斗槽固定板	Funnel Chute Fixed Plate	1	1						
16	201.22-07-06	漏斗槽固定板垫片	Gasket	2	2						
17	01-404001023-1	漏斗槽固定板螺钉	Screw	2	2						
18	201.22-07-08	小附件箱组件	Small Accessories Box ASM	1	1						
19	201.22-07-08-01	小附件箱 (C)	Small Accessories Box (C)	1	1						
20	201.22-07-08-02	防尘罩	Dust-Proof Cap	1	1						
21	201.22-07-08-03	机头防震销垫	Dust-Proof Rubber	4	4						
22	201.22-07-08-04	台板固定螺套	Holding Plate Bolt	4	4						
23	201.22-07-08-05	台板托盘垫片	Fram Holding Plate Spacer	8	8						
24	201.22-07-08-06	外齿锁紧垫圈	Washer	4	4						
25	201.22-07-08-07	标准型弹簧垫圈	Standard Spring Washer	4	4						
26	01-508004524-1	台板托盘螺钉	Fram Holding Plate Screw	4	4						
27	201.22-07-08-09	小油壶	Oil Container	1	1						
28	201.22-07-08-10	油漏斗	Oil Funnel	1	1						
29	201.22-07-08-11	附件袋	Accessories Bag	1	1						
30	201.22-07-08-12	链钩	Chain Hook	1	1						
31	201.22-07-08-13	镊子	Tweezers	1	1						
32	201.22-07-08-14	双头扳手S8	Double-ended Spanner S8	1	1						
33	201.22-07-08-15	内六角扳手S6	Hexagon Spanner S6	1	1						
34	201.22-07-08-16	有柄内六角扳手S1.5	Hexagon Spanner S1.5	1	1						
35	2101.23-07-08-17	附件清单I	Accessories Listing I	1	1						
36	2101.23-07-08-18	附件清单II	Accessories Listing II	1	1						



26. 附件部分（2） Accessory list(2)

序号	图号	名称		4线	4线厚料	备注
		中文	英文			
37	201. 22-07-08-19	附件清单III	Accessories Listing III	1	1	
38	201. 11-21	下切刀	Lower Knife	1		
	2102. 11-21	下切刀	Lower Knife		1	
39	201. 05-32G	机针（DC×27#11）	Needle	2	2	
40	202. 22-07-09	中附件箱组件	Center Accessories Box ASM	1	1	
41	201. 22-07-09-01	中附件箱（B）	Center Accessories Box (B)	1	1	
42	201. 22-07-09-02	线架上管	Thread Standing Pipe (upper)	1	1	
43	201. 22-07-09-03	线架下管	Thread Standing Pipe (lower)	1	1	
44	202. 22-07-09-04	过线臂（短）	Thread Guide Arm (short)	4	4	
45	201. 22-07-09-05	张扣	Thread Guide Arm Joint	4	4	
46	201. 22-07-09-06	张扣螺钉	Thread Guide Arm Joint Screw	4	4	
47	201. 22-07-09-07	过线磁眼	Thread Guide Hole	4	4	
48	201. 22-07-09-08	螺母	Nut	4	4	
49	201. 22-07-09-09	大固定夹螺钉A	Setscrew A	1	1	
50	201. 22-07-09-10	固定夹螺钉B	Setscrew B	3	3	
51	201. 22-07-09-11	大固定夹	Thread Standing Guide Base(big)	1	1	
52	201. 22-07-09-12	固定夹连接杆	Thread Standing Guide Arm	1	1	
53	201. 22-07-09-13	螺母	Nut	6	6	
54	201. 22-07-09-14	上下管接头	Thread Standing Rod Joint	1	1	
55	201. 22-07-09-15	接头螺钉	Screw	2	2	
56	201. 22-07-09-16	穿线杆	Thread Standing Thread Guide	1	1	
57	201. 22-07-09-17	小固定夹	Thread Standing Guide Base(small)	1	1	
58	201. 22-07-09-18	下管垫片	Washer	2	2	
59	201. 22-07-09-19	弹簧垫	Spring Washer	1	1	
60	201. 22-07-09-20	大螺母	Big Nut	1	1	
61	201. 22-07-09-21	线圈芯	Spool Retainer	4	4	
62	201. 22-07-09-22	线圈轴	Spool Pin	4	4	
63	201. 22-07-09-23	线盘垫	Spool Rest Cushion	4	4	
64	201. 22-07-09-24	线盘	Spool Rest	4	4	
65	201. 22-07-09-25	弹性垫圈	Spring Washer	4	4	
66	201. 22-07-09-26	上管盖帽	Thread Stand Rod Rubber Cap	1	1	

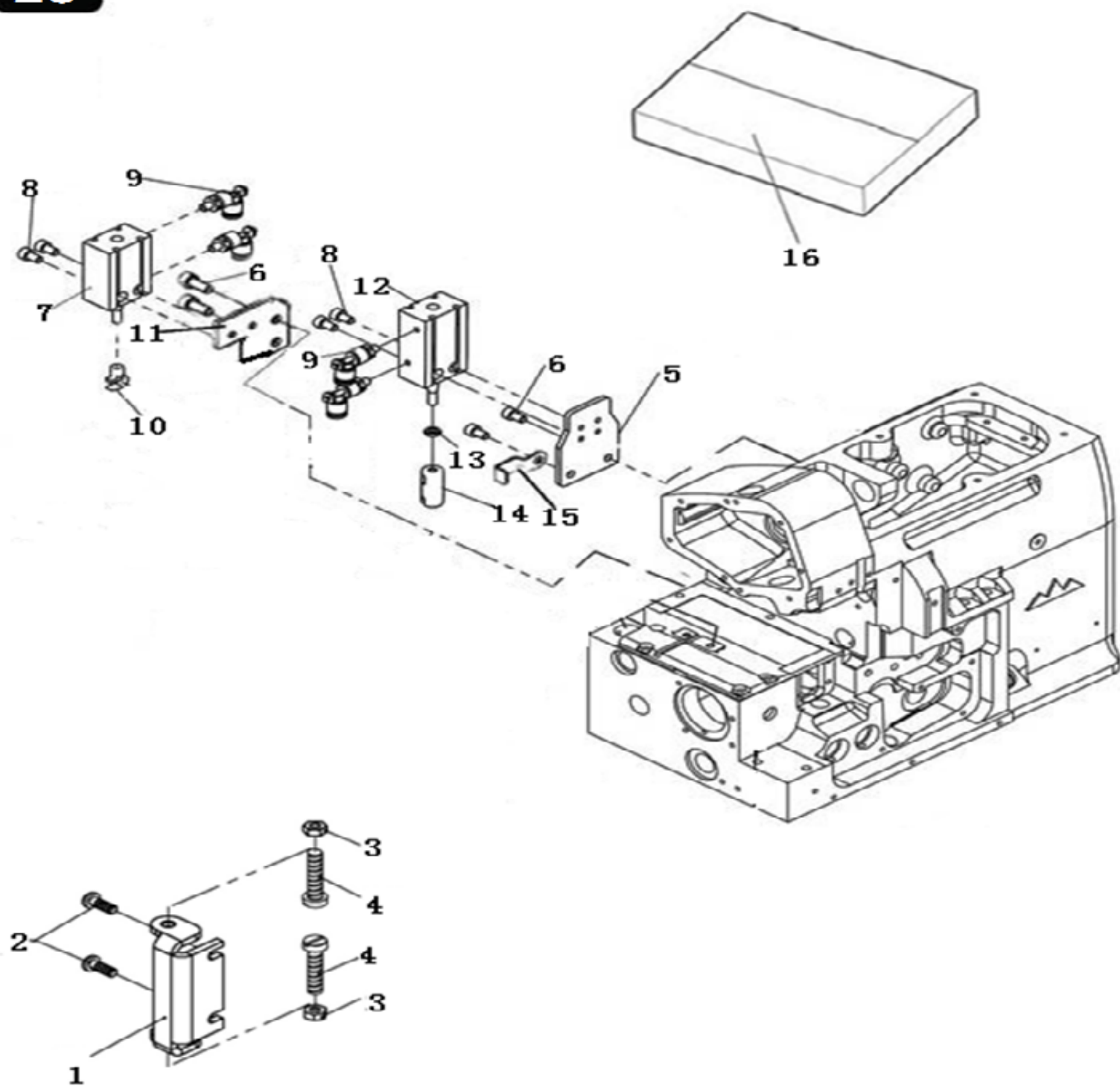


27. 自动抬压脚及吸风部件(Automatic presser foot lifter and air suction parts)

序号	图 号	名称		三线	四线	四线厚	备注
		中文	英文				
1	246.28-03-01	吸风口L	Suction air L	1	1	1	
2	246.28-03-02	吸风口R	Suction air R	1	1	1	
3	21-2350162-4	十字槽木螺钉	Screw	4	4	4	
4	01-403001022-3	十字槽盘头螺钉	Screw	4	4	4	
5	03-603000240-3	六角螺母	Nut	4	4	4	
6	01-405002022-3	十字盘头螺钉M5*20	Screw	4	4	4	
7	03-605000450-3	六角螺母	Nut	4	4	4	
8	210.28-05-01A	消音管	Silencer Tube	2	2	2	
9	2111.22-01	压脚汽缸支座	Pressure Cylinder Support	1	1	1	
10	210.28-05-03	消音外壳盖	Silencer Outer Covering	2	2	2	
11	210.28-05-04	消音管吸音绵	Sound-absorbing Cotton	2	2	2	
12	210.28-05-05	消音外壳	Silencer Outer Covering	2	2	2	
13	210.28-22	喉咕	Throat Cushions	4	4	4	
14	210.28-24	螺旋软管38*150mm	Spiral Hose	1	1	1	
15	210.28-02-01	剪线消音气管	Shear Line Silencer Trache	1	1	1	
16	210.28-02-02	剪线消音气管调节套	Conditioning Units	1	1	1	
17	210.28-02-03	剪线消音气管消音绵	Silencers Cotton	2	2	2	
18	210.28-02-04	剪线消音气管外套	Bushing	1	1	1	
19	210.28-23	喉咕	Throat Cushions	4	4	4	
20	210.28-41-01	螺旋软管(小)	Spiral Hose	1	1	1	
21	210.28-41-02	螺旋软管(小)	Spiral Hose	1	1	1	
22	HXT13-1A	电磁阀组件	Solenoid Valve ASM	1	1	1	
23	295.28-20A-00	电磁阀	Solenoid Valve	(2)	(2)	(2)	
24	2111.22-04-01	电磁阀底座	Manifold	(1)	(1)	(1)	
25	260.28-20-07	塑料消音器	Plastic Silencer	(2)	(2)	(2)	
26	260.28-20-08	堵头	Plug	(1)	(1)	(1)	
27	260.28-20-04	堵头	Plug	(3)	(3)	(3)	
28	260.28-20-06	外螺纹直通	Screw Thread Straight Unio	(3)	(3)	(3)	
29	260.28-20-05	外螺纹直通	Screw Thread Straight Unio	(2)	(2)	(2)	
30	18-404002823-3	三组合十字盘头螺钉	Screw	4	4	4	
31	210.28-33	PU管8*5*400mm	Pu Pipe(blue)PU8*5*400mm	1	1	1	
32	295.28-09	气控电磁阀座支撑板	Air Valve Support Board	1	1	1	
33	20-4421632-3	十字槽盘头自攻螺钉	Screw	9	9	9	
34	78-AW20-02BCG-A	空气洁净器(带压力表) R1/4'	Filter-Regulator	1	1	1	
35	18-404000823-3	三组合十字一字盘头螺	Screw	2	2	2	

27. 自动抬压脚及吸风部件(Automatic presser foot lifter and air suction parts)

[illegible]



28. 剪线气缸 (Thread cutting cylinder)

[illegible]