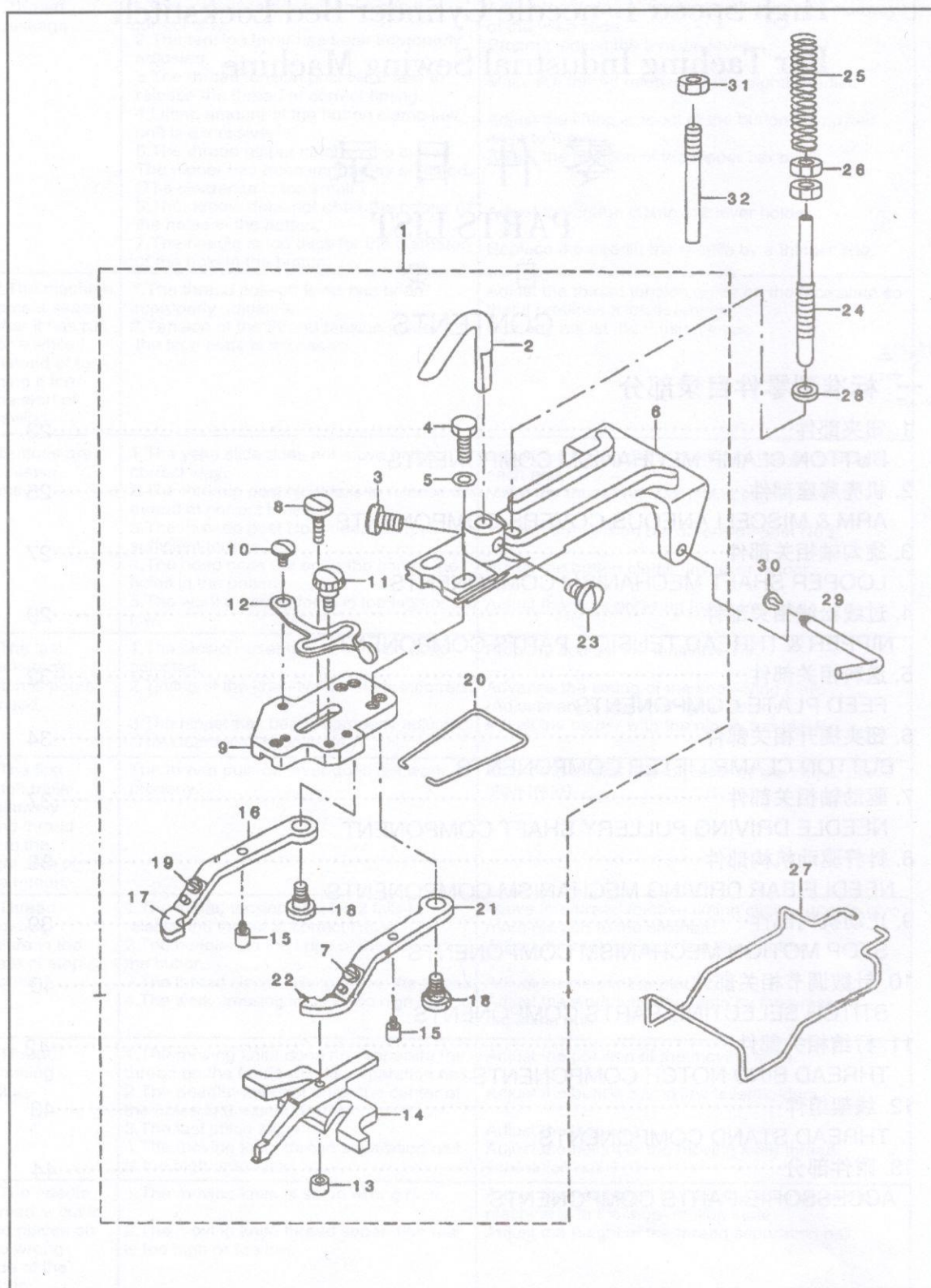


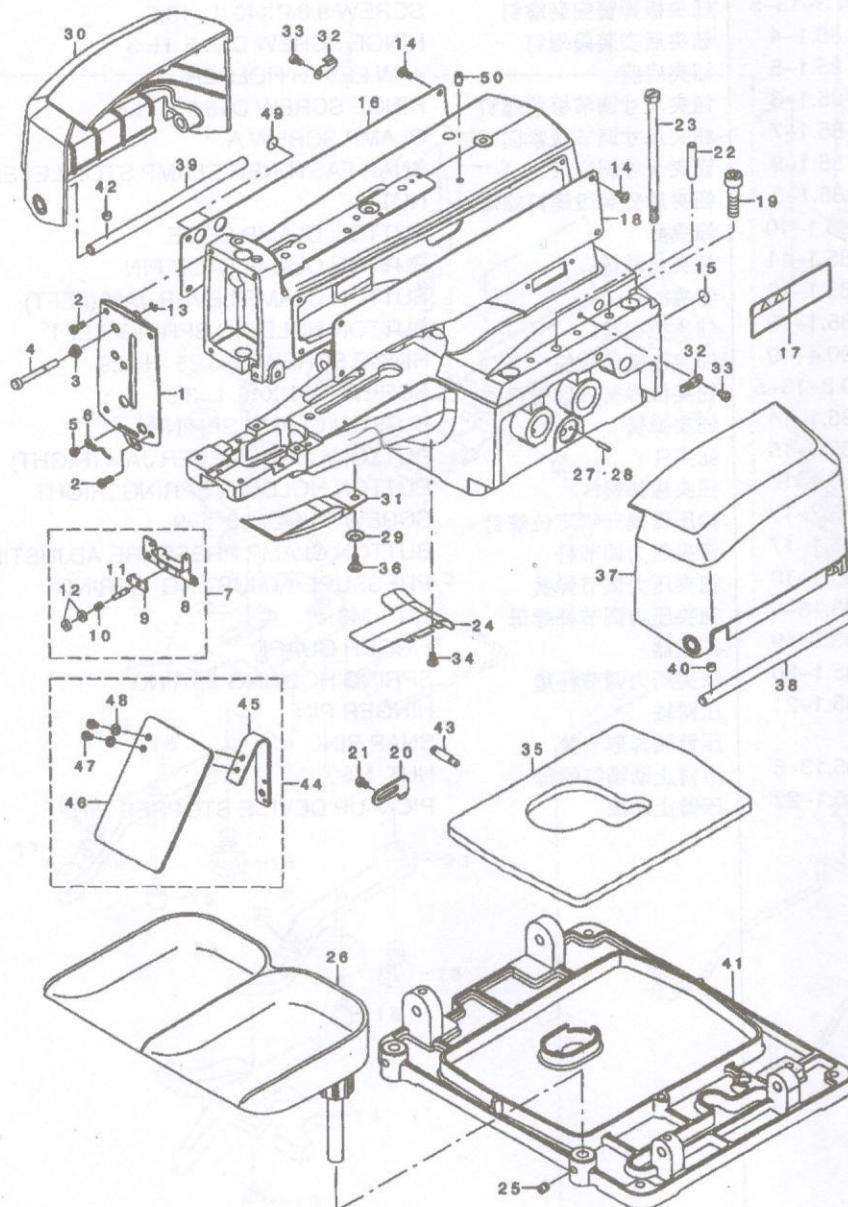
# 一、钮夹部件 BUTTON CLAMP MECHANISM COMPONENTS



| REF No<br>序号 | RART NO<br>件 号 | DESCRIPTION<br>名 称 |                                 | Q'TY<br>数量 |
|--------------|----------------|--------------------|---------------------------------|------------|
| 1            | 85.1-00        | 钮夹组件               | PICK-UP DEVICE ASM              | 1          |
| 2            | 85.1-1         | 抬压臂提升钩             | BUTTON CLAMP LIFTING HOOK       | 1          |
| 3            | 95.7-12        | 抬压臂提升钩紧固螺钉         | SCREW 15/64"X28 L=9             | 2          |
| 4            | 85.1-2         | 钮夹底座安装螺钉           | SCREW 3/16"X32 L=13.5           | 2          |
| 5            | 95.10-7        | 钮夹底座安装螺钉垫片         | WASHER 5X10.5X1                 | 1          |
| 6            | 85.1-3         | 压臂                 | BUTTON CLAMP HOLDER             | 1          |
| 7            | 90.3-13-5      | 钮夹板弹簧安装螺钉          | SCREW 9/64"X40 L=13.5           | 1          |
| 8            | 85.1-4         | 钮夹后安装段螺钉           | HINGE SCREW D=5.5 H=3           | 1          |
| 9            | 85.1-5         | 钮夹底座               | JAW LEVER HOLDER                | 1          |
| 10           | 85.1-6         | 钮夹尺寸调节板段螺钉         | HINGE SCREW D=5.5 H=1.8         | 1          |
| 11           | 85.1-7         | 钮夹尺寸调节板紧固螺钉        | CLAMP SCREW A                   | 1          |
| 12           | 85.1-8         | 钮夹尺寸调节板            | SNAP FASTENER CLAMP STOP LEVER  | 1          |
| 13           | 85.1-9         | 钮夹后安装段螺钉螺母         | NUT                             | 1          |
| 14           | 85.1-10        | 钮夹后                | BUTTON CLAMP SLIDE              | 2          |
| 15           | 85.1-11        | 钮夹止动销              | BUTTON CLAMP STOP PIN           | 1          |
| 16           | 85.1-12        | 钮夹L                | BUTTON CLAMP LEVER JAM (LEFT)   | 1          |
| 17           | 85.1-13        | 钮夹板弹簧L             | BUTTON HOLDING SPRING ,LEFT     | 2          |
| 18           | 90.4-19        | 钮夹连接段螺钉            | HINGE SCREW D=6.35 H=3.9        | 1          |
| 19           | 90.3-13-5      | 钮夹板弹簧安装螺钉          | SCREW 9/64"X40 L=3.5            | 1          |
| 20           | 85.1-14        | 钮夹弹簧               | BUTTON CLAMP SPRING             | 1          |
| 21           | 85.1-15        | 钮夹R                | BUTTON CLAMP LEVER JAM (RIGHT)  | 1          |
| 22           | 85.1-16        | 钮夹板弹簧R             | BUTTON HOLDING SPRING ,RIGHT    | 1          |
| 23           | 95.7-12        | 抬压臂提升钩定位螺钉         | SCREW 15/64"X28 L=9             | 1          |
| 24           | 85.1-17        | 钮夹压力调节杆            | BUTTON CLAMP PRESSURE ADJUSTING | 1          |
| 25           | 85.1-18        | 钮夹压力调节弹簧           | PRESSURE ADJUSTING SPRING       | 2          |
| 26           | 95.13-6        | 钮夹压力调节杆螺母          | NUT M6                          | 1          |
| 27           | 85.1-19        | 护指器                | FINGER GUARD                    | 1          |
| 28           | 85.1-20        | 钮夹压力调节杆垫           | SPRING HOLDING SPRING           | 1          |
| 29           | 85.1-21        | 压臂轴                | HINGER PIN                      | 1          |
| 30           |                | 压臂轴异形卡簧            | SNAP RING                       | 1          |
| 31           | 95.13-6        | 压臂止动销钉螺母           | NUT M6                          | 1          |
| 32           | 85.1-22        | 压臂止动销              | PICK-UP DEVICE STOPPER PIN      | 1          |

## 二、机壳底座部件

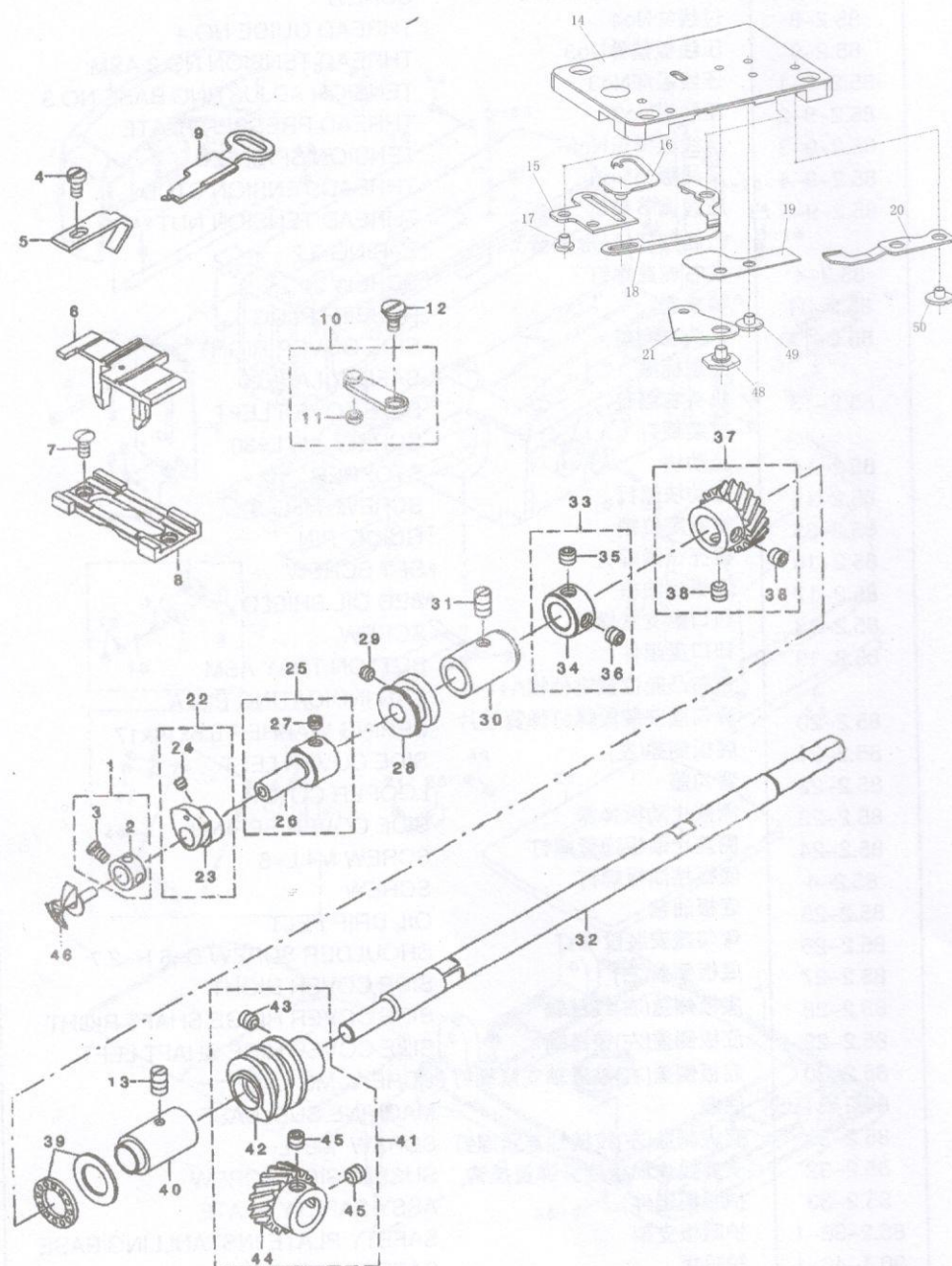
## ARM & MISCELLANEOUS COVERS COMPONENTS



| REF No<br>序号 | PART NO<br>件 号 | DESCRIPTION<br>名 称 | Q'TY<br>数量 |
|--------------|----------------|--------------------|------------|
| 1            | 85.2-3         | 面板组件               | 1          |
| 2            | 85.2-4         | 面板螺钉               | 4          |
| 3            | 85.2-5         | 松线按钮销弹簧            | 1          |
| 4            | 85.2-6         | 松线按钮销              | 1          |
| 5            | 85.2-7         | 过线钩No4安装螺钉         | 1          |
| 6            | 85.2-8         | 过线钩No4             | 1          |
| 7            | 85.2-9         | 压线板组件No3           | 1          |
| 8            | 85.2-9-1       | 压线板座No3            | 1          |
| 9            | 85.2-9-2       | 压线板No3             | 1          |
| 10           | 85.2-9-3       | 压线板弹簧No3           | 1          |
| 11           | 85.2-9-4       | 压线板销No3            | 1          |
| 12           | 85.2-9-5       | 压线调节螺母             | 2          |
| 13           |                | 松线按钮销E形卡簧3.2       | 1          |
| 14           | 85.2-4         | 左右侧盖螺钉             | 8          |
| 15           | 85.2-34        | 橡皮塞                | 1          |
| 16           | 85.2-11        | 机头左侧盖              | 1          |
| 17           |                | 注意标贴               | 1          |
| 18           | 85.2-13        | 机头右侧盖              | 1          |
| 19           |                | 拼装螺钉               | 4          |
| 20           | 85.2-14        | 止动块                | 1          |
| 21           | 85.2-15        | 止动块螺钉              | 2          |
| 22           | 85.2-35        | 拼装定位销              | 2          |
| 23           | 85.2-16        | 机壳锁紧螺钉             | 1          |
| 24           | 85.2-17        | 底板挡油板              | 1          |
| 25           | 85.2-18        | 钮口盘支紧螺钉            | 1          |
| 26           | 85.2-19        | 钮口盘组件              | 1          |
| 27           |                | 送布凸轮位置定位销A         | 2          |
| 29           | 85.2-20        | 弯勾盖安装段螺钉弹簧垫片       | 2          |
| 30           | 85.2-21        | 底板侧盖(左)            | 1          |
| 31           | 85.2-22        | 弯勾盖                | 1          |
| 32           | 85.2-23        | 侧盖止动板弹簧            | 1          |
| 33           | 85.2-24        | 侧盖止动板弹簧螺钉          | 2          |
| 34           | 85.2-4         | 底板挡油板螺钉            | 2          |
| 35           | 85.2-25        | 底板油毡               | 2          |
| 36           | 85.2-26        | 弯勾盖安装段螺钉           | 1          |
| 37           | 85.2-27        | 底板侧盖(右)            | 1          |
| 38           | 85.2-28        | 底板侧盖(右)铰链轴         | 1          |
| 39           | 85.2-29        | 底板侧盖(左)铰链轴         | 2          |
| 40           | 85.2-30        | 底板侧盖(右)铰链轴支紧螺钉     | 1          |
| 41           | 85.2-31        | 底座                 | 1          |
| 42           | 85.2-30        | 底板侧盖(左)铰链轴支紧螺钉     | 1          |
| 43           | 85.2-32        | 下剪线作动板连杆弹簧挂钩       | 1          |
| 44           | 85.2-33        | 护眼板组件              | 1          |
| 45           | 85.2-33-1      | 护眼板支架              | 1          |
| 46           | 90.1-46-1      | 护眼板                | 1          |
| 47           | 85.2-33-2      | 护眼板安装螺钉            | 1          |
| 48           | 85.2-33-3      | 护眼板安装螺钉垫片          | 2          |
| 49           | 35.1-4         | 机头左侧盖橡皮塞           | 2          |
| 50           |                | 开口销                | 1          |

### 三、旋勾轴相关部件

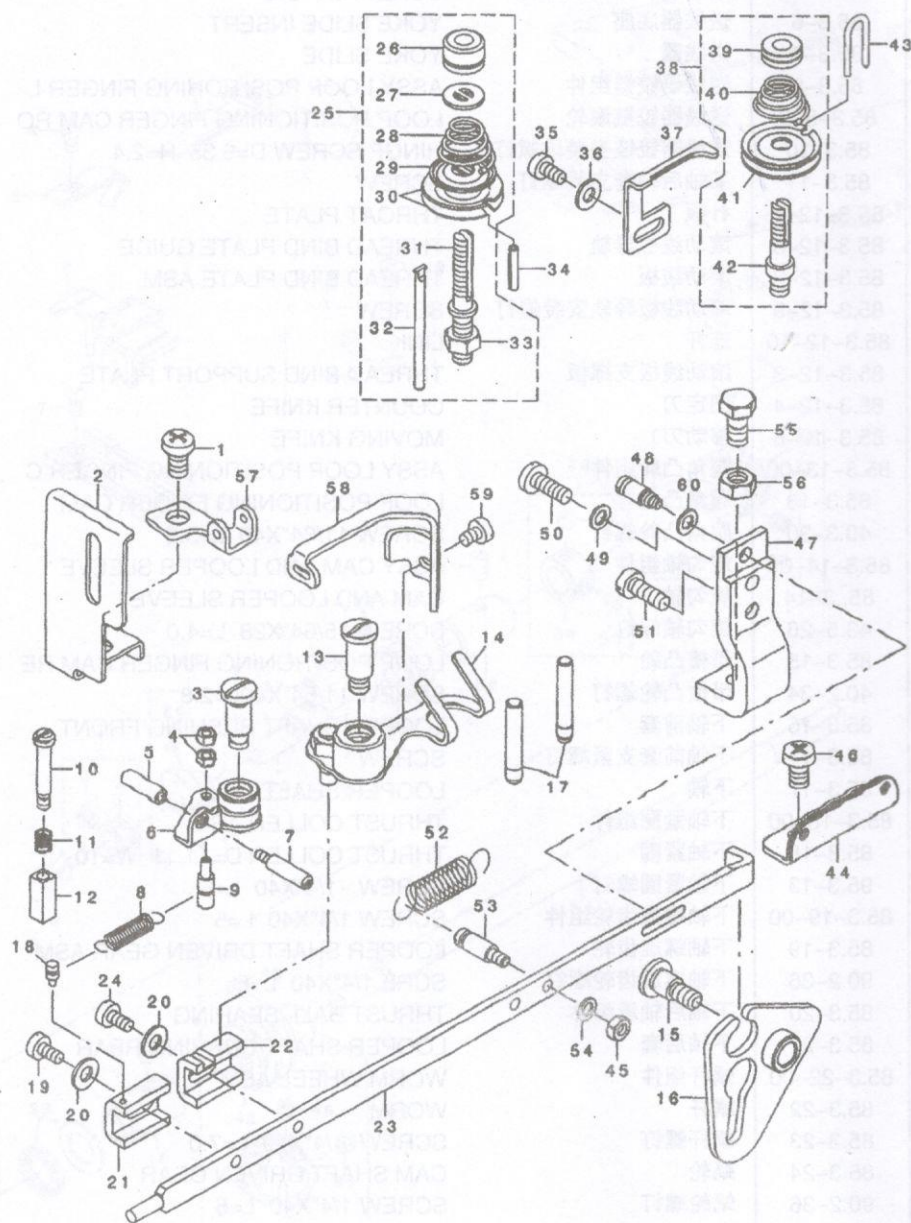
### LOOPER SHAFT MECHANISM COMPONENTS



| REF No<br>序号 | PART NO<br>件 号 | DESCRIPTION<br>名 称 | Q'TY<br>数量                     |   |
|--------------|----------------|--------------------|--------------------------------|---|
| 1            | 85.3-1-00      | 弯针紧圈组件             | THRUST COLLAR ASM              | 1 |
| 2            | 85.3-1         | 弯针紧圈               | THRUST COLLAR D=7.94 W=7       | 1 |
| 3            | 90.4-14        | 弯针紧圈螺钉             | SCREW 9/64"X40 L=6.1           | 1 |
| 4            | 85.3-2         | 护针板螺钉              | SCREW                          | 1 |
| 5            | 85.3-3         | 护针板                | NEEDLE GUARD                   | 1 |
| 6            | 85.3-4         | 送料器导向台             | POSITIONING FINGER YOKE SLIDE  | 1 |
| 7            | 85.3-5         | 送线器底座安装螺钉          | SCREW M4 L=9                   | 2 |
| 8            | 85.3-6         | 送线器底座              | YOKE SLIDE INSERT              | 1 |
| 9            | 85.3-7         | 送线器                | YOKE SLIDE                     | 1 |
| 10           | 85.3-8         | 送线器铰链组件            | ASSY LOOP POSITIONING FINGER L | 1 |
| 11           | 85.3-8-2       | 送线器铰链滚轮            | LOOP POSITIONING FINGER CAM RO | 1 |
| 12           | 85.3-10        | 送线器铰链安装段螺钉         | HINGE SCREW D=6.35 H=2.4       | 1 |
| 13           | 85.3-11        | 下轴后轴套支紧螺钉          | SCREW                          | 1 |
| 14           | 85.3-12-1      | 针板                 | THROAT PLATE                   | 1 |
| 15           | 85.3-12-8      | 滚动线板导轨             | THREAD BIND PLATE GUIDE        | 1 |
| 16           | 85.3-12-3      | 滚动线板               | THREAD BIND PLATE ASM          | 1 |
| 17           | 85.3-12-9      | 滚动线板导轨安装螺钉         | SCREW                          | 1 |
| 18           | 85.3-12-10     | 连杆                 | LINK                           | 1 |
| 19           | 85.3-12-3      | 滚动线板支撑板            | THREAD BIND SUPPORT PLATE      | 2 |
| 20           | 85.3-12-4      | 固定刀                | COUNTER KNIFE                  | 1 |
| 21           | 85.3-12-6      | 移动刀                | MOVING KNIFE                   | 1 |
| 22           | 85.3-13-00     | 履角凸轮组件             | ASSY LOOP POSITIONING FINGER C | 1 |
| 23           | 85.3-13        | 履角凸轮               | LOOP POSITIONING FINGER CAM    | 1 |
| 24           | 40.3-30        | 履角凸轮螺钉             | SCREW 11/64"X40 L=3.5          | 2 |
| 25           | 85.3-14-00     | 旋勾轴组件              | ASSY CAM AND LOOPER SLEEVE     | 1 |
| 26           | 85.3-14        | 旋勾轴                | CAM AND LOOPER SLEEVE          | 1 |
| 27           | 43.5-26        | 旋勾轴螺钉              | SCREW 15/64"X28 L=4.0          | 2 |
| 28           | 85.3-15        | 带槽凸轮               | LOOP POSITIONING FINGER CAM RE | 1 |
| 29           | 40.2-34        | 带槽凸轮螺钉             | SCREW 11/64"X40L=2.8           | 2 |
| 30           | 85.3-16        | 下轴前套               | LOOPER SHAFT BUSHING FRONT     | 1 |
| 31           | 85.3-11        | 下轴前套支紧螺钉           | SCREW                          | 1 |
| 32           | 85.3-17        | 下轴                 | LOOPER SHAFT                   | 1 |
| 33           | 85.3-18-00     | 下轴紧圈组件             | THRUST COLLER ASM              | 1 |
| 34           | 85.3-18        | 下轴紧圈               | THRUST COLLER D=11.11 W=10     | 1 |
| 35           | 95.3-13        | 下轴紧圈螺钉             | SCREW 1/4"X40 L=5              | 1 |
| 36           | 85.3-19-00     | 下轴螺旋齿轮组件           | SCREW 1/4"X40 L=5              | 1 |
| 37           | 85.3-19        | 下轴螺旋齿轮             | LOOPER SHAFT DRIVEN GEAR ASM   | 1 |
| 38           | 90.2-36        | 下轴螺旋齿轮螺钉           | SCRE 1/4"X40 L=6               | 2 |
| 39           | 85.3-20        | 下轴后轴承组件            | THRUST BALL BEARING            | 1 |
| 40           | 85.3-21        | 下轴后套               | LOOPER SHAFT BUSHING REAR      | 1 |
| 41           | 85.3-22-00     | 蜗杆组件               | WORM WHEEL ASM                 | 1 |
| 42           | 85.3-22        | 蜗杆                 | WORM                           | 1 |
| 43           | 85.3-23        | 蜗杆螺钉               | SCREW 1/4"X40 L=7.0            | 2 |
| 44           | 85.3-24        | 蜗轮                 | CAM SHAFT DRIVEN GEAR          | 1 |
| 45           | 90.2-36        | 蜗轮螺钉               | SCREW 1/4"X40 L=6              | 2 |
| 46           | 85.3-25        | 弯勾                 | LOOPER                         | 1 |
| 47           | 85.3-26        | 针板安装螺钉             | SCREW M4 L=9                   | 3 |
| 48           | 85.3-12-7      | 移动刀安装段螺钉           | HINGE SCREW D=6 H=0.85         | 1 |
| 49           | 85.3-12-5      | 固定刀安装螺钉            | SCREW                          | 3 |

#### 四、过线松线相关部件

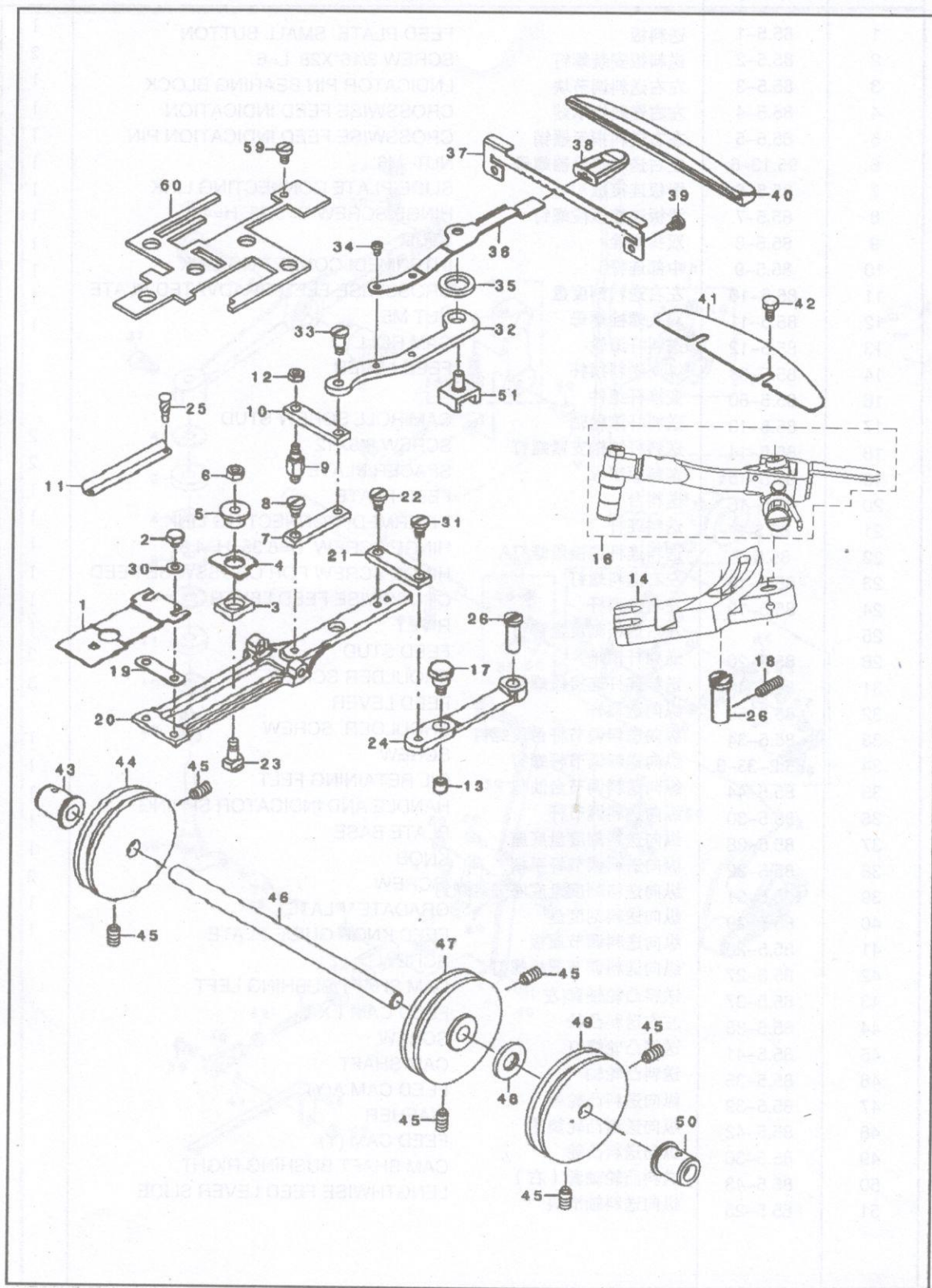
#### NIPPER & THREAD TENSION PARTS COMPONENTS



| REF No<br>序号 | PART NO<br>件 号 | DESCRIPTION<br>名 称 |                                   | Q'TY<br>数 量 |
|--------------|----------------|--------------------|-----------------------------------|-------------|
| 1            | 85.4-1         | 线调整导线器安装螺钉         | SCREW M6 L=12                     | 1           |
| 2            | 85.14-5        | 针杆罩                | NEEDLE BAR GUARD                  | 1           |
| 3            | 85.4-3         | 导线装置安装段螺钉          | SHOULDER SCREW                    | 1           |
| 4            | 85.4-4         | 导线装置弹簧挂钉螺母         | NUT                               | 2           |
| 5            | 85.4-5         | 导线装置内螺纹杆           | NUT                               | 1           |
| 6            | 85.4-6         | 导线装置               | NIPPER COMPL                      | 1           |
| 7            | 85.4-7         | 导线装置外螺纹杆           | LOOPER SHAFT BUSHING REAR         | 1           |
| 8            | 85.4-8         | 导线装置弹簧             | NIPPER BAR BLOCK SPRING           | 1           |
| 9            | 85.4-9         | 导线装置弹簧挂钉           | NIPPER BAR BAR BLOCK SPRING SCREW | 1           |
| 10           | 85.4-10        | 夹线座段螺钉             | HINGE SCREW D=4 H=20              | 1           |
| 11           | 85.4-11        | 夹线座弹簧              | NIPPER SLIDE BLOCK SPRING         | 1           |
| 12           | 85.4-12        | 夹线座                | NIPPER BLOCK                      | 1           |
| 13           | 85.4-13        | 线调整杆组件段螺钉          | SHOULDER SCREW D=7.94 H=15        | 1           |
| 14           | 85.4-14        | 线调整杆组件             | THREAD PULL OFF LEVER ASM         | 1           |
| 15           | 85.4-15        | 夹线驱动杆段螺钉           | SHOULDER SCREW D=7.94 H=8         | 1           |
| 16           | 85.4-16        | 夹线驱动杆组件            | NIPPER BAR ACTUATING LEVER ASM    | 1           |
| 17           | 85.4-17        | 导线柱                | THREAD GUIDE PIN                  | 2           |
| 18           | 85.4-18        | 夹线杆底座弹簧销           | NIPPER BAR BLOCK SPRING PIN       | 1           |
| 19           | 85.3-2         | 夹线杆底座安装螺钉          | SCREW                             | 1           |
| 20           | 90.1-26        | 夹线杆底座安装螺钉垫片        | WASHER                            | 2           |
| 21           | 85.4-19        | 夹线杆底座              | NIPPER BAR BLOCK                  | 1           |
| 22           | 85.4-20        | 线调整杆活动滑块           | TENSION LEVER ROCKING PIECE       | 1           |
| 23           | 85.4-21        | 夹线杆                | NIPPER BAR                        | 1           |
| 24           | 85.3-2         | 线调整杆活动滑块安装螺钉       | SCREW                             | 1           |
| 25           | 85.4-22        | 2号夹线器组件            | TENSION POST ASM NO.2             | 1           |
| 26           | 85.4-22-1      | 2号夹线器调节螺母          | TENSION NUT                       | 1           |
| 27           | 30.1-28-2      | 2号夹线器止动垫圈          | ROTATION STOPPER                  | 1           |
| 28           | 85.4-22-2      | 2号夹线器压力弹簧          | THREAD TENSION SPRING             | 1           |
| 29           | 85.4-22-3      | 2号夹线器夹线压盘          | THREAD TENSION DISK PRESSER       | 1           |
| 30           | 85.4-22-4      | 2号夹线器夹线板           | THREAD TENSION DISK NO.1          | 2           |
| 31           | 85.4-22-5      | 2号夹线器螺杆            | TENSION POST NO.2                 | 1           |
| 32           | 85.4-22-6      | 2号夹线器挺线钉           | TENSION RELEASE PIN               | 1           |
| 33           | 95.13-6        | 2号夹线器锁紧螺母M6        | NUT M6                            | 1           |
| 34           |                | 夹线圆盘开口销            | SPRING PIN 3X16                   | 1           |
| 35           | 85.4-38        | 释压杆安装螺钉            | SCREW                             | 1           |
| 36           | 90.1-46-2      | 释压杆安装螺钉垫片          | WASHER                            | 1           |
| 37           | 85.4-23        | 释压杆                | THREAD TENSION RELEASING LEVER    | 1           |
| 38           | 85.4-24        | 1号夹线器组件            | ASSY THREAD TENSION NO.1          | 1           |
| 39           | 85.4-24-1      | 1号夹线器调节螺母          | THREAD TENSION NUT                | 1           |
| 40           | 85.4-24-2      | 1号夹线器压力弹簧          | FIRST THREAD TENSION SPRING       | 1           |
| 41           | 85.4-22-4      | 1号夹线器夹线板           | THREAD TENSION DISK NO.1          | 2           |
| 42           | 85.4-24-3      | 1号夹线器螺杆            | THREAD TENSION POST NO.1          | 1           |
| 43           | 85.4-25        | 导线勾                | THREAD GUIDE                      | 1           |
| 44           | 85.4-26        | 1号导线勾              | THREAD GUIDE NO.1                 | 1           |
| 45           | 85.4-27        | 夹线杆复位弹簧挂钉螺母        | NUT M4                            | 1           |
| 46           | 85.4-1         | 1号导线勾安装螺钉          | SCREW M6 L=12                     | 1           |
| 47           | 85.4-28        | 夹线杆导向座             | NIPPER BAR BEARING BLOCK          | 1           |

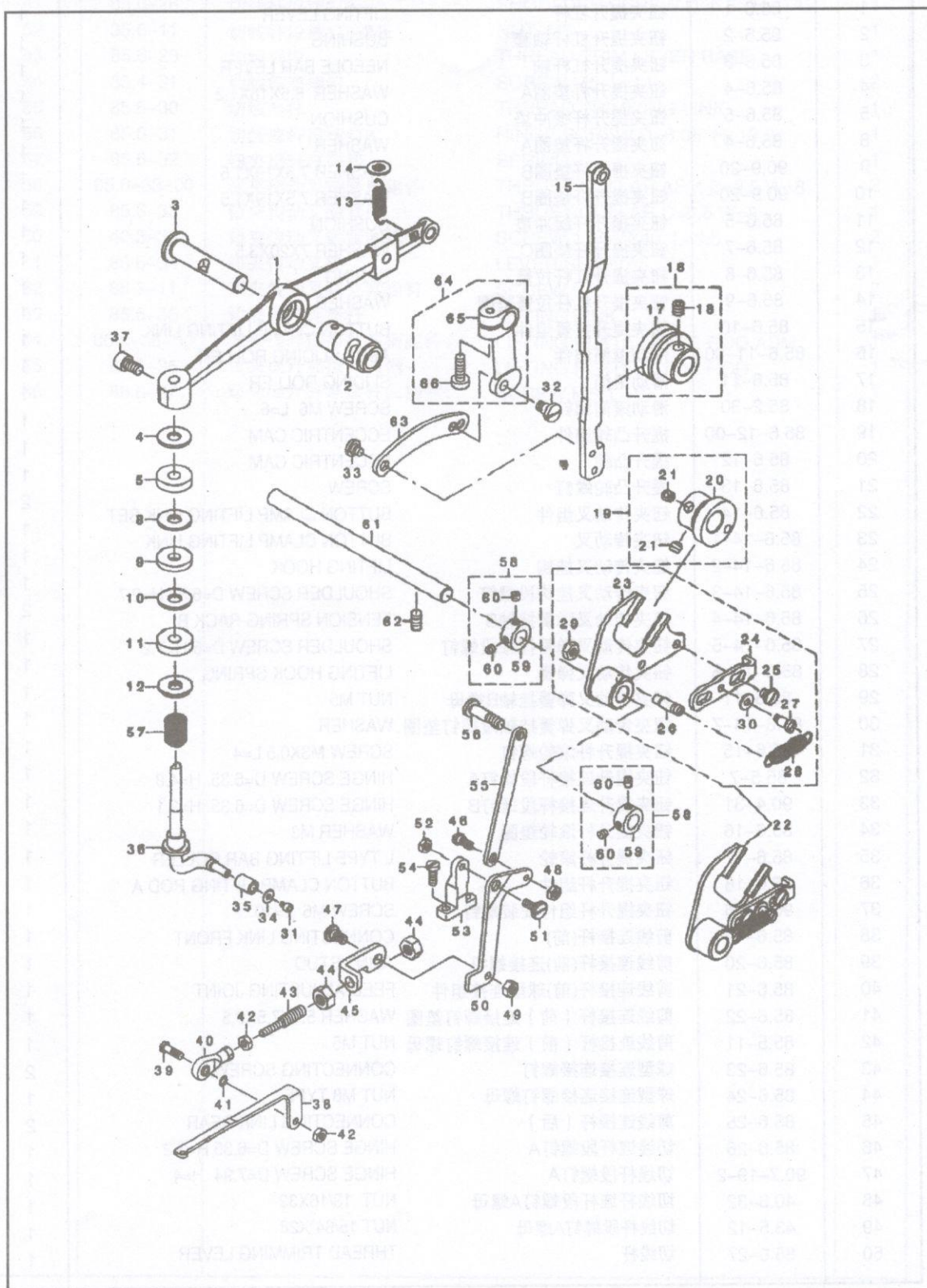
| REF No<br>序号 | PART NO<br>件 号 | DESCRIPTION<br>名 称 | Q'TY<br>数量                |
|--------------|----------------|--------------------|---------------------------|
| 48           | 85.4-29        | 夹线杆导向座导向销          | ADJUSTING SCREW 1         |
| 49           | 85.4-30        | 夹线杆导向座螺钉A垫圈        | WASHER 5.5X10X0.8 1       |
| 50           | 85.4-31        | 夹线杆导向座螺钉A          | SCREW M5 L=14 1           |
| 51           | 85.4-32        | 夹线杆导向座螺钉B          | SCREW 1                   |
| 52           | 85.4-33        | 夹线杆复位弹簧            | THREAD TENSION SPRING 1   |
| 53           | 85.4-34        | 夹线杆复位弹簧挂钉          | NIPPER BAR SPRING SCREW 1 |
| 54           | 90.3-13-11     | 夹线杆复位弹簧挂钉垫圈        | WASHER 1                  |
| 55           | 85.4-35        | 夹线杆导向座安装螺钉         | SCREW M6 L=14 1           |
| 56           | 95.13-6        | 夹线杆导向座安装螺钉螺母       | NUT M6 1                  |
| 57           | 85.4-36        | 线调整导线器             | THREAD GUIDE 1            |
| 58           | 85.4-37        | 紧线杆                | LEVER 1                   |
| 59           | 85.4-24        | 紧线杆安装螺钉            | SCREW M4 L=6 1            |
| 60           | 95.10-7        | 夹线杆导向座导向销钉垫片       | WASHER 5X10.5X1 1         |

## 五、送料相关部件 FEED PLATE COMPONENTS



| REF No<br>序号 | PART NO<br>件 号 | DESCRIPTION<br>名 称 | Q'TY<br>数 量 |
|--------------|----------------|--------------------|-------------|
| 1            | 85.5-1         | 送料板                | 1           |
| 2            | 85.5-2         | 送料板安装螺钉            | 2           |
| 3            | 85.5-3         | 左右送料调节块            | 1           |
| 4            | 85.5-4         | 左右送料指示器            | 1           |
| 5            | 85.5-5         | 左右送料指示器销           | 1           |
| 6            | 95.13-6        | 左右送料指示器螺母          | 1           |
| 7            | 85.5-6         | 滑板连接板              | 1           |
| 8            | 85.5-7         | 滑板连接板段螺钉           | 1           |
| 9            | 85.5-8         | 双头螺栓               | 1           |
| 10           | 85.5-9         | 中部连杆               | 1           |
| 11           | 85.5-10        | 左右送料刻度盘            | 1           |
| 12           | 85.5-11        | 双头螺栓螺母             | 1           |
| 13           | 85.5-12        | 送料杆滚轮              | 1           |
| 14           | 85.5-58        | 纵向送料摆杆             | 1           |
| 16           | 85.5-60        | 变换杆组件              | 1           |
| 17           | 85.5-13        | 送料杆滚轮轴             | 2           |
| 18           | 85.5-14        | 送料杆销轴支紧螺钉          | 2           |
| 19           | 85.5-15        | 送料板垫板              | 1           |
| 20           | 85.5-16        | 送料台                | 1           |
| 21           | 85.5-9         | 送料连杆               | 1           |
| 22           | 85.5-7         | 送料连杆连接段螺钉A         | 1           |
| 23           | 85.5-18        | 左右送料螺钉             | 1           |
| 24           | 85.5-19        | 左右送料杆              | 1           |
| 25           |                | 左右送料刻度盘铆钉          | 1           |
| 26           | 85.5-20        | 送料杆销轴              | 2           |
| 31           | 85.5-40        | 送料连杆连接段螺钉B         | 3           |
| 32           | 85.5-58        | 纵向送料杆              | 1           |
| 33           | 85.5-34        | 纵向送料调节杆台段螺钉        | 1           |
| 34           | 85.2-33-3      | 纵向送料调节杆螺钉          | 1           |
| 35           | 85.5-44        | 纵向送料调节台油毡          | 1           |
| 36           | 85.5-30        | 纵向送料调节杆            | 1           |
| 37           | 85.5-28        | 纵向送料刻度盘底座          | 1           |
| 38           | 85.5-32        | 纵向送料调节杆手柄          | 2           |
| 39           | 85.5-31        | 纵向送料刻度盘底座安装螺钉      | 1           |
| 40           | 85.5-29        | 纵向送料刻度盘            | 1           |
| 41           | 85.5-26        | 纵向送料调节罩板           | 1           |
| 42           | 85.5-27        | 纵向送料调节罩板螺钉         | 1           |
| 43           | 85.5-37        | 送料凸轮轴套(左)          | 1           |
| 44           | 85.5-38        | 左右送料凸轮             | 1           |
| 45           | 85.5-41        | 送料凸轮螺钉             | 1           |
| 46           | 85.5-35        | 送料凸轮轴              | 1           |
| 47           | 85.5-39        | 纵向送料凸轮A            | 1           |
| 48           | 85.5-42        | 纵向送料凸轮垫圈           | 1           |
| 49           | 85.5-36        | 纵向送料凸轮             | 1           |
| 50           | 85.5-43        | 送料凸轮轴套(右)          | 1           |
| 51           | 85.5-23        | 纵向送料轴滑块            | 1           |

## 六、钮夹提升相关部件 BUTTON CLAMP LIFTER COMPONENTS

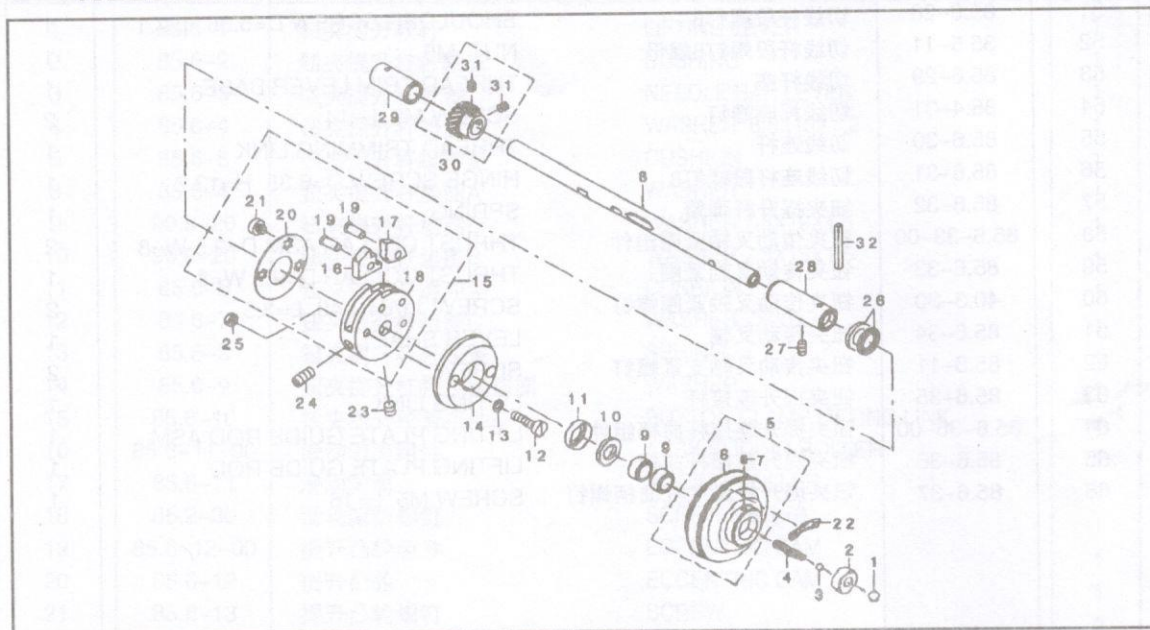


| REF No<br>序号 | PART NO<br>件 号 | DESCRIPTION<br>名 称 |                               | Q'TY<br>数量 |
|--------------|----------------|--------------------|-------------------------------|------------|
| 1            | 85.6-1         | 钮夹提升杠杆             | LIFTING LEVER                 | 1          |
| 2            | 85.6-2         | 钮夹提升杠杆轴套           | BUSHING                       | 1          |
| 3            | 85.6-3         | 钮夹提升杠杆轴            | NEEDLE BAR LEVER              | 1          |
| 4            | 85.6-4         | 钮夹提升杆垫圈A           | WASHER 8.5X18X1.2             | 1          |
| 5            | 85.6-5         | 钮夹提升杆缓冲垫           | CUSHION                       | 1          |
| 8            | 85.6-4         | 钮夹提升杆垫圈A           | WASHER                        | 1          |
| 9            | 90.9-20        | 钮夹提升杆垫圈B           | WASHER 7.5X19X1.5             | 1          |
| 10           | 90.9-20        | 钮夹提升杆垫圈B           | WASHER 7.5X19X1.5             | 1          |
| 11           | 85.6-5         | 钮夹提升杆缓冲垫           | CUSHION                       | 1          |
| 12           | 85.6-7         | 钮夹提升杆垫圈C           | WASHER 7X20X3.5               | 1          |
| 13           | 85.6-8         | 钮夹提升杠杆拉簧           | SPRING                        | 1          |
| 14           | 85.6-9         | 钮夹提升杠杆拉簧垫圈         | WASHER                        | 1          |
| 15           | 85.6-10        | 钮夹提升拉簧组件           | BUTTON CLAMP LIFTING LINK     | 1          |
| 16           | 85.6-11-00     | 滑动滚筒组件             | ASSY SLIDING ROLLER           | 1          |
| 17           | 85.6-11        | 滑动滚筒               | SLIDING ROLLER                | 1          |
| 18           | 85.2-30        | 滑动滚筒螺钉             | SCREW M6 L=6                  | 1          |
| 19           | 85.6-12-00     | 提升凸轮组件             | ECCENTRIC CAM                 | 1          |
| 20           | 85.6-12        | 提升凸轮               | ECCENTRIC CAM                 | 1          |
| 21           | 85.6-13        | 提升凸轮螺钉             | SCREW                         | 1          |
| 22           | 85.6-14        | 钮夹传动叉组件            | BUTTON CLAMP LIFTING LINK SET | 2          |
| 23           | 85.6-14-1      | 钮夹传动叉              | BUTTON CLAMP LIFTING LINK     | 1          |
| 24           | 85.6-14-2      | 钮夹传动叉挂钩            | LIFTING HOOK                  | 1          |
| 25           | 85.6-14-3      | 钮夹传动叉挂钩段螺钉         | SHOULDER SCREW D=6.35 H=2.7   | 1          |
| 26           | 85.6-14-4      | 钮夹传动叉弹簧挂轴B         | TENSION SPRING RACK B         | 2          |
| 27           | 85.6-14-5      | 钮夹传动叉弹簧挂轴段螺钉       | SHOULDER SCREW D=5 H=7.2      | 1          |
| 28           | 85.6-14-6      | 钮夹传动叉弹簧            | LIFTING HOOK SPRING           | 1          |
| 29           | 85.5-11        | 钮夹传动叉弹簧挂轴B螺母       | NUT M5                        | 1          |
| 30           | 85.6-14-7      | 钮夹传动叉弹簧挂轴段螺钉垫圈     | WASHER                        | 1          |
| 31           | 85.6-15        | 钮夹提升杆滚轮螺钉          | SCREW M3X0.5 L=4              | 1          |
| 32           | 85.5-7         | 钮夹提升连接杆段螺钉A        | HINGE SCREW D=6.35 H=4.8      | 1          |
| 33           | 90.4-31        | 钮夹提升连接杆段螺钉B        | HINGE SCREW D=6.35 H=2.1      | 1          |
| 34           | 85.6-16        | 钮夹提升杆滚轮垫圈          | WASHER M3                     | 1          |
| 35           | 85.6-17        | 钮夹提升杆滚轮            | L TYPE LIFTING BAR ROLLER     | 1          |
| 36           | 85.6-18        | 钮夹提升杆组件            | BUTTON CLAMP LIFTING ROD A    | 1          |
| 37           | 90.8-16        | 钮夹提升杆组件安装螺钉        | SCREW M6 L=10                 | 1          |
| 38           | 85.6-19        | 剪线连接杆(前)           | CONNECTING LINK FRONT         | 1          |
| 39           | 85.6-20        | 剪线连接杆(前)连接螺钉       | JOINT STUD                    | 1          |
| 40           | 85.6-21        | 剪线连接杆(前)球型连接组件     | FEED ADJUSTING JOINT          | 1          |
| 41           | 85.6-22        | 剪线连接杆(前)连接螺钉垫圈     | WASHER 5.1X7.5X0.5            | 1          |
| 42           | 85.5-11        | 剪线连接杆(前)连接螺钉螺母     | NUT M5                        | 1          |
| 43           | 85.6-23        | 球型连接连接螺钉           | CONNECTING SCREW              | 2          |
| 44           | 85.6-24        | 球型连接连接螺钉螺母         | NUT M8 TYPE                   | 1          |
| 45           | 85.6-25        | 剪线连接杆(后)           | CONNECTING LINK REAR          | 2          |
| 46           | 85.6-26        | 切线连杆段螺钉A           | HINGE SCREW D=6.35 H=3.2      | 1          |
| 47           | 90.7-19-2      | 切线杆段螺钉A            | HINGE SCREW D=7.94 H=4        | 1          |
| 48           | 40.6-32        | 切线杆连杆段螺钉A螺母        | NUT 13/16X32                  | 1          |
| 49           | 43.5-12        | 切线杆段螺钉A螺母          | NUT 15/64"X28                 | 1          |
| 50           | 85.6-27        | 切线杆                | THREAD TRIMMING LEVER         | 1          |

| REF No<br>序号 | PART NO<br>件 号 | DESCRIPTION<br>名 称 |                             | Q'TY<br>数量 |
|--------------|----------------|--------------------|-----------------------------|------------|
| 51           | 85.6-28        | 切线杆段螺钉B            | SHOULDER SCREW D=6.35 H=3.1 | 1          |
| 52           | 35.5-11        | 切线杆段螺钉B螺母          | NUT M5                      | 1          |
| 53           | 85.6-29        | 切线杆座               | THREAD TRIM LEVER BASE      | 1          |
| 54           | 85.4-31        | 切线杆座螺钉             | SCREW M5 L=14               | 2          |
| 55           | 85.6-30        | 切线连杆               | THREAD TRIMMING LINK        | 1          |
| 56           | 85.6-31        | 切线连杆段螺钉B           | HINGE SCREW D=6.35 H=13.2   | 1          |
| 57           | 85.6-32        | 钮夹提升杆弹簧            | SPRING                      | 1          |
| 58           | 85.6-33-00     | 钮夹传动叉轴紧圈组件         | THRUST COLLAR ASM D=9.5 W=8 | 2          |
| 59           | 85.6-33        | 钮夹传动叉轴紧圈           | THRUST COLLAR D=9.5 W=8     | 1          |
| 60           | 40.3-30        | 钮夹传动叉轴紧圈螺钉         | SCREW 11/64"X40 L=3.5       | 2          |
| 61           | 85.6-34        | 钮夹传动叉轴             | LEVER SHAFT                 | 1          |
| 62           | 85.3-11        | 钮夹传动叉轴支紧螺钉         | SCREW                       | 2          |
| 63           | 85.6-35        | 钮夹提升连接杆            | LIFTING LINK                | 1          |
| 64           | 85.6-36-00     | 钮夹提升连接杆曲柄组件        | LIFTING PLATE GUIDE ROD ASM | 1          |
| 65           | 85.6-36        | 钮夹提升连接杆曲柄          | LIFTING PLATE GUIDE ROD     | 1          |
| 66           | 85.6-37        | 钮夹提升杆连接杆曲柄螺钉       | SCREW M5 L=16               | 1          |

## 七、驱动轴相关部件

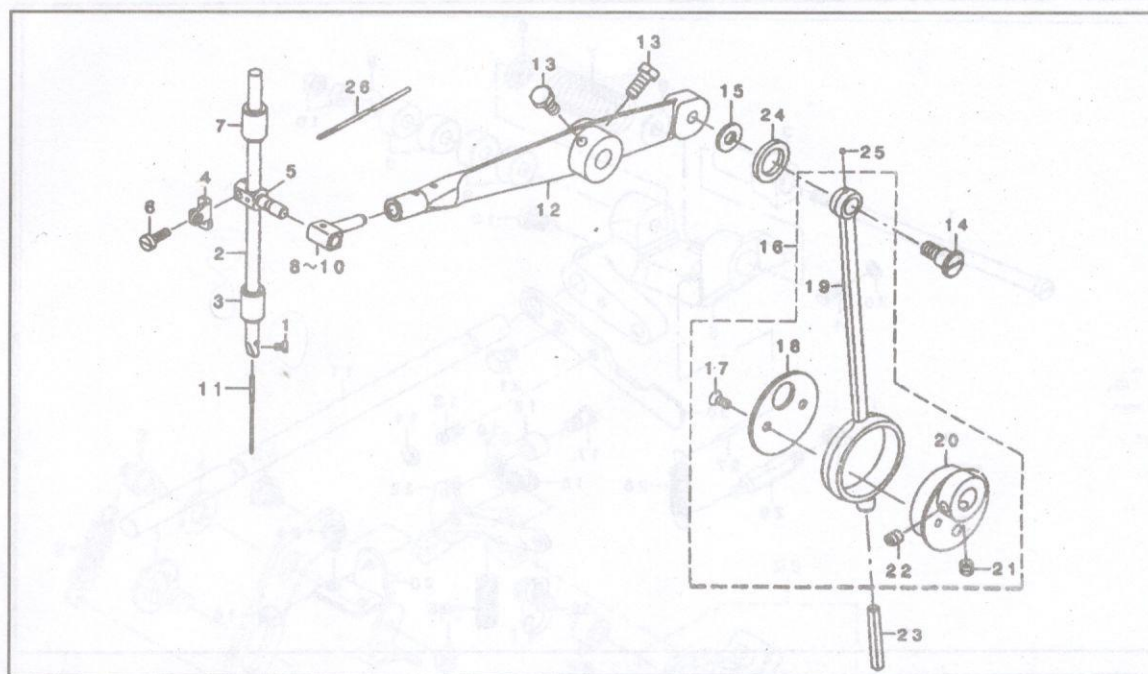
### NEEDLE DRIVING PULLEY SHAFT COMPONENTS



| REF No<br>序号 | PART NO<br>件 号 | DESCRIPTION<br>名 称 | Q'TY<br>数量 |
|--------------|----------------|--------------------|------------|
| 1            |                | 驱动大滚珠              | 1          |
| 2            | 85.7-1         | 驱动转动承座             | 1          |
| 3            |                | 小滚珠                | 1          |
| 4            | 85.7-2         | 驱动小滚珠弹簧            | 1          |
| 5            | 85.7-3-00      | 驱动轮组件              | 1          |
| 6            | 85.7-3         | 驱动轮                | 1          |
| 7            | 85.7-4         | 驱动轮螺钉              | 2          |
| 8            | 85.7-5         | 驱动轴                | 1          |
| 9            |                | 驱动轮滚针轴承            | 2          |
| 10           | 85.7-6         | 驱动轮油毡              | 1          |
| 11           | 85.7-7         | 驱动轮油封              | 1          |
| 12           | 85.7-8         | 离合从动轮螺钉            | 2          |
| 13           | 85.7-9         | 离合从动轮螺钉垫圈          | 2          |
| 14           | 85.7-10        | 离合从动轮              | 1          |
| 15           | 85.7-13-00     | 停车凸轮组件             | 1          |
| 16           | 85.7-11        | 停车爪A               | 1          |
| 17           | 85.7-12        | 停车爪B               | 1          |
| 18           | 85.7-13        | 停车凸轮               | 1          |
| 19           | 85.7-14        | 停车爪销               | 1          |
| 20           | 85.7-15        | 停车凸轮垫片             | 2          |
| 21           | 85.7-16        | 停车凸轮垫片螺钉           | 1          |
| 22           | 85.7-17        | 驱动轮转动方向标志          | 1          |
| 23           | 85.7-18        | 停车凸轮螺钉A            | 1          |
| 24           | 85.7-19        | 停车凸轮螺钉B            | 1          |
| 25           | 85.7-20        | 离合器从动轮螺钉螺母         | 2          |
| 26           | 85.7-21        | 驱动轴套(右)端面轴承        | 1          |
| 27           | 85.3-11        | 驱动轴套(右)支紧螺钉        | 1          |
| 28           | 85.7-22        | 驱动轴套(右)            | 1          |
| 29           | 85.7-23        | 驱动轴套(左)            | 1          |
| 30           | 85.7-24        | 驱动齿轮               | 1          |
| 31           | 85.7-25        | 驱动齿轮螺钉             | 1          |

# 八、针杆驱动机构部件

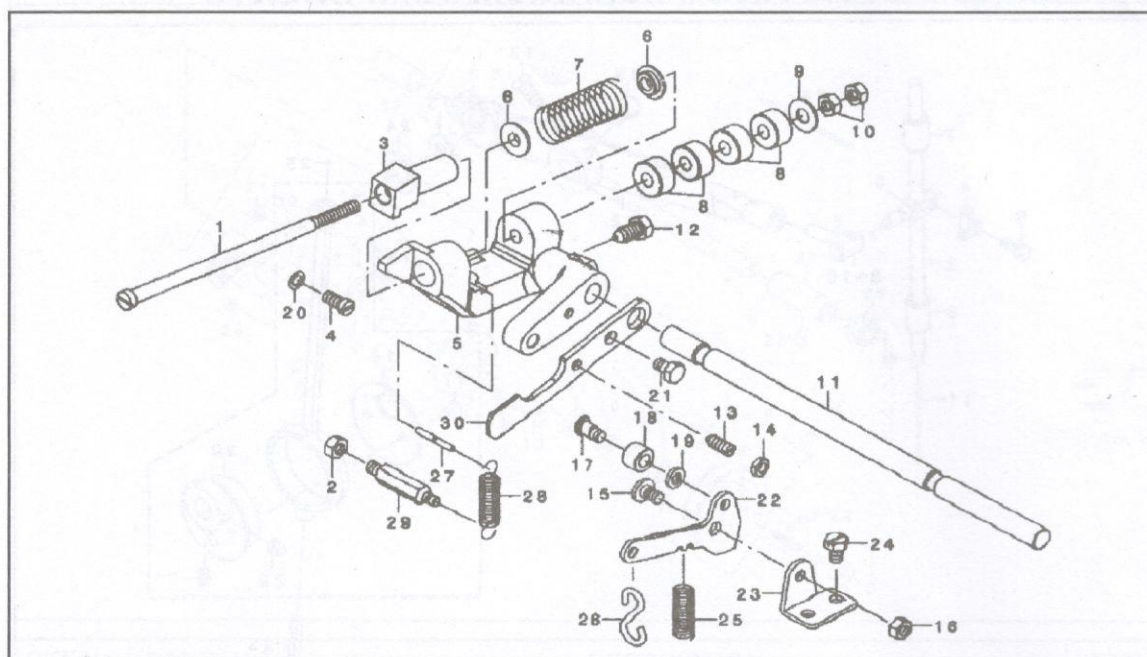
## NEEDLE BAR DRIVING MECHANISM COMPONENTS



| REF No<br>序号 | PART NO<br>件 号 | DESCRIPTION<br>名 称 |                           | Q'TY<br>数量 |
|--------------|----------------|--------------------|---------------------------|------------|
| 1            | 10.2-44        | 夹针螺钉               | SCREW 1/8" X44 L=4.5      | 1          |
| 2            | 85.8-1         | 针杆                 | NEEDLE ROD                | 1          |
| 3            | 85.8-2         | 针杆下套               | NEEDLE BAR BUSHING LOWER  | 1          |
| 4            | 85.8-3         | 导线勾                | NEEDLE BAR BALANCE        | 1          |
| 5            | 85.8-4         | 针杆接头               | NEEDLE BAR CLAMP          | 1          |
| 6            | 85.8-5         | 针杆接头螺钉             | SCREW M4 L=12             | 1          |
| 7            | 85.8-6         | 针杆上套               | NEEDLE BAR BUSHING UPPER  | 1          |
| 10           | 85.8-7         | 针杆接头连接块            | NEEDLE BAR SLIDE BLOCK    | 1          |
| 11           |                | 机针                 | NEEDLE TQX1 16#           | 1          |
| 12           | 85.8-8         | 针杆驱动杠杆             | NEEDLE BAR DRIVING LEVER  | 1          |
| 13           | 85.4-35        | 针杆驱动杠杆螺钉           | SCREW M6 L=14             | 2          |
| 14           | 85.8-9         | 针杆驱动连杆段螺钉          | SHOULDER SCREW D=9.53 H=8 | 1          |
| 15           | 85.8-10        | 针杆驱动连杆段螺钉垫圈        | WASHER                    | 1          |
| 16           | 85.8-13-00     | 针杆驱动凸轮组件           | CRANK ROD ASM             | 1          |
| 17           | 30.1-32        | 针杆驱动凸轮压板螺钉         | SCREW 11/64 "X40 L=8.5    | 2          |
| 18           | 85.8-11        | 针杆驱动凸轮压板           | THRUST HOLDER             | 1          |
| 19           | 85.8-12        | 针杆驱动 连杆            | CRANK ROD                 | 1          |
| 20           | 85.8-13        | 针杆驱动凸轮             | ECCENTRIC CAM             | 1          |
| 21           | 90.2-36        | 针杆驱动凸轮螺钉A          | SCREW 1/4" X40 L=6        | 1          |
| 22           | 85.8-14        | 针杆驱动凸轮螺钉B          | SCREW 1/4 "X40 L=8.5      | 1          |
| 23           | 85.8-15        | 针杆驱动连杆下油毡          | OIL WICK                  | 1          |
| 24           | 85.5-44        | 针杆驱动 连杆段螺钉油毡       | OIL RETAINING FELT        | 1          |
| 25           | 85.8-17        | 针杆驱动连杆上油线          | OIL WICK                  | 1          |
| 26           | 85.8-18        | 油线                 | OIL WICK                  | 1          |

## 九、止动机构部件

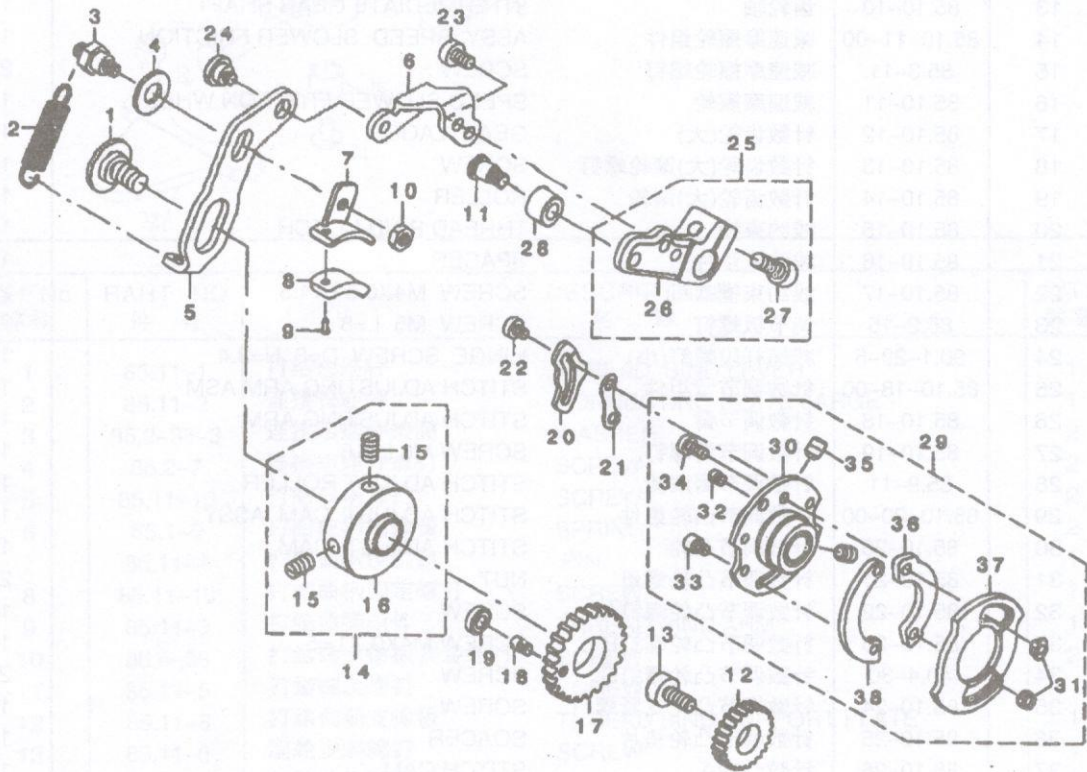
### STOP MOTION MECAHNISM COMPONENTS



| REF No<br>序号 | RART NO<br>件 号 | DESCRIPTION<br>名 称 | Q'TY<br>数量 |
|--------------|----------------|--------------------|------------|
| 1            | 90.9-15        | 止动柱塞杆              | 1          |
| 2            | 85.7-20        | 挂弹簧销钉锁紧螺母          | 1          |
| 3            | 85.9-1         | 止动块                | 1          |
| 4            | 85.9-2         | 止动架本体限位螺钉          | 1          |
| 5            | 85.9-3         | 止动架本体              | 1          |
| 6            | 90.9-19        | 止动块垫圈 (前)          | 2          |
| 7            | 85.9-4         | 止动块弹簧              | 1          |
| 8            | 90.9-17        | 止动块橡胶垫圈            | 4          |
| 9            | 85.9-5         | 止动块垫圈后             | 1          |
| 10           | 40.3-14        | 止动柱塞杆螺母            | 2          |
| 11           | 85.9-6         | 止动杆轴               | 1          |
| 12           | 85.9-7         | 止动轴螺钉              | 1          |
| 13           | 85.9-8         | 钢球压板调节螺钉           | 1          |
| 14           | 43.5-12        | 钢球压板调节螺钉螺母         | 1          |
| 15           | 85.9-9         | 止动杠杆段螺钉            | 1          |
| 16           | 95.13-6        | 止动杠杆段螺钉螺母          | 1          |
| 17           | 85.9-10        | 止动杠杆滚轮段螺钉          | 1          |
| 18           | 85.9-11        | 止动杠杆滚轮             | 1          |
| 19           | 85.9-12        | 止动杠杆滚轮垫圈           | 1          |
| 20           | 85.9-13        | 止动架本体限位螺钉垫圈        | 1          |
| 21           | 85.9-14        | 钢球压板安装螺钉           | 1          |
| 22           | 85.9-15        | 止动杠杆               | 1          |
| 23           | 85.9-16        | 止动杠杆架              | 1          |
| 24           | 85.9-17        | 止动杠杆架螺钉            | 2          |
| 25           | 85.9-18        | 止动杠杆弹簧             | 1          |
| 26           | 43.8-10        | S型挂钩               | 1          |
| 27           | 85.9-20        | 止动架本体弹簧挂销          | 1          |
| 28           | 85.9-21        | 止动架本体弹簧            | 1          |
| 29           | 85.9-22        | 止动架本体弹簧销钉          | 1          |
| 30           | 85.9-23        | 钢球压板               | 1          |

# 十、针数调节相关部件

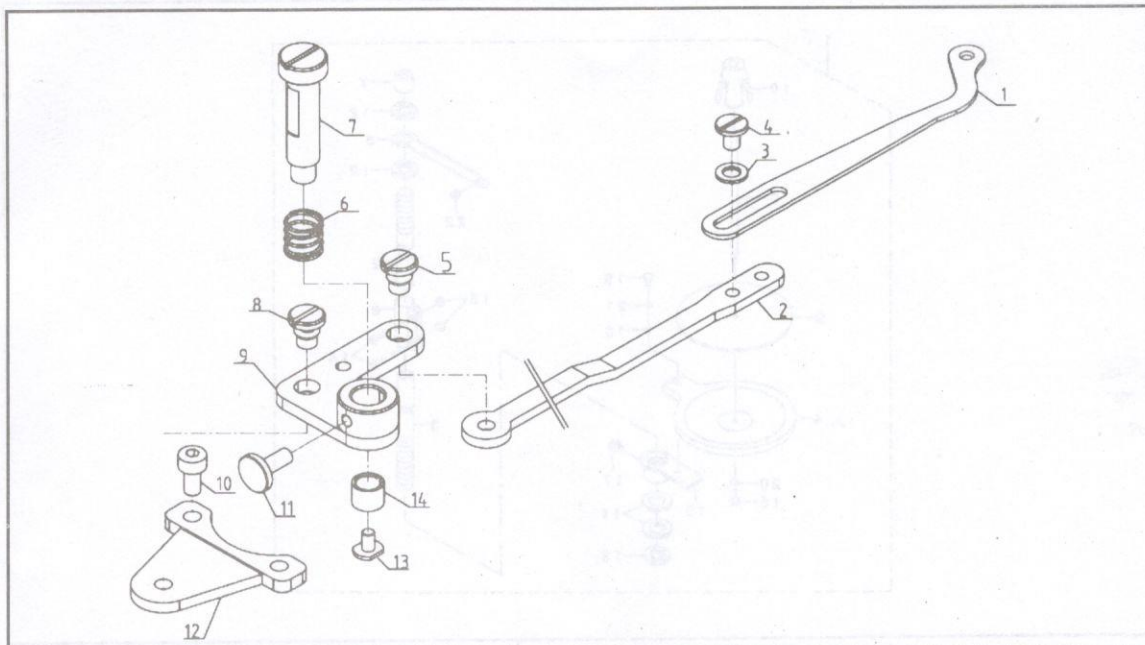
## STITCH SELECTING PARTS COMPONENTS



| REF No<br>序号 | RART NO<br>件 号 | DESCRIPTION<br>名 称 |                               | Q'TY<br>数量 |
|--------------|----------------|--------------------|-------------------------------|------------|
| 1            | 85.10-1        | 减速杆段螺钉(大)          | SHOULDER SCREW D=12.7 H=3.4   | 1          |
| 2            | 85.10-2        | 摩擦片弹簧              | SPRING FOR FRICTION PLATE     | 1          |
| 3            | 85.10-3        | 摩擦片转动轴             | FRICTION PLATE ROTATING SHAFT | 1          |
| 4            | 85.10-4        | 减速摩擦片转动轴垫圈         | WASHER 8.5X18X1.6             | 1          |
| 5            | 85.10-5        | 减速杆                | SPEED SLOWER LEVER            | 1          |
| 6            | 85.10-6        | 调节板                | FITING PLATE                  | 1          |
| 7            | 85.10-7        | 减速摩擦片座             | FRICTION PLATE HOLDER         | 1          |
| 8            | 85.10-8        | 减速摩擦片              | SPEER SLOWER FRICTION PLATE   | 1          |
| 9            |                | 减速摩擦片销钉            | POSITIONING PIN               | 2          |
| 10           | 40.7-7         | 减速摩擦片转动轴螺母         | NUT 11/64"X40                 | 1          |
| 11           | 85.9-10        | 针数调节臂滚轮段螺钉         | SHOULDER SCREW D=7.14 H=7     | 1          |
| 12           | 85.10-9        | 针数齿轮(中)            | STITCH SELECTING SPUR GEAR    | 1          |
| 13           | 85.10-10       | 齿轮轴                | INTERMEDIATE GEAR SHAFT       | 1          |
| 14           | 85.10-11-00    | 减速摩擦轮组件            | ASSY SPEED SLOWER FRICTION    | 1          |
| 15           | 85.3-11        | 减速摩擦轮螺钉            | SCREW                         | 2          |
| 16           | 85.10-11       | 减速摩擦轮              | SPEED SLOWER FRICTION WHEEL   | 1          |
| 17           | 85.10-12       | 针数齿轮(大)            | GEAR LAGER                    | 1          |
| 18           | 85.10-13       | 针数齿轮(大)滚轮螺钉        | SCREW                         | 1          |
| 19           | 85.10-14       | 针数齿轮(大)滚轮          | ROLLER                        | 1          |
| 20           | 85.10-15       | 线约束槽               | THREAD BIND NOTCH             | 1          |
| 21           | 85.10-16       | 线约束垫片              | SPACER                        | 1          |
| 22           | 85.10-17       | 线约束槽螺钉             | SCREW M4X0.5 L=4.5            | 2          |
| 23           | 85.2-15        | 调节板螺钉              | SCREW M5 L=8                  | 2          |
| 24           | 90.1-29-5      | 减速杆段螺钉(小)          | HINGE SCREW D=8 H=3.4         | 1          |
| 25           | 85.10-18-00    | 针数调节臂组件            | STITCH ADJUSTING ARM ASM      | 1          |
| 26           | 85.10-18       | 针数调节臂              | STITCH ADJUSTING ARM          | 1          |
| 27           | 85.10-19       | 针数调节臂螺钉            | SCREW M6 L=16                 | 1          |
| 28           | 85.9-11        | 针数调节臂滚轮            | STITCH ADJUST ROLLER          | 1          |
| 29           | 85.10-20-00    | 针数调节凸轮组件           | STITCH ADJUST CAM ASSY        | 1          |
| 30           | 85.10-20       | 针数调节凸轮             | STITCH ADJUST CAM             | 1          |
| 31           | 85.10-21       | 针数调节凸轮螺母           | NUT                           | 2          |
| 32           | 85.10-22       | 针数调节凸轮螺钉A          | SCREW                         | 1          |
| 33           | 85.10-23       | 针数调节凸轮螺钉B          | SCREW M4X0.7 L=5              | 1          |
| 34           | 40.4-30        | 针数调节凸轮螺钉C          | SCREW                         | 2          |
| 35           | 85.10-24       | 针数调节凸轮支紧螺钉         | SCREW                         | 1          |
| 36           | 85.10-25       | 针数调节凸轮垫片           | SOACER                        | 1          |
| 37           | 85.10-26       | 针数凸轮A              | STITCH CAM                    | 1          |
| 38           | 85.10-27       | 针数凸轮片              | STOP MOTION CAM SHOE          | 1          |

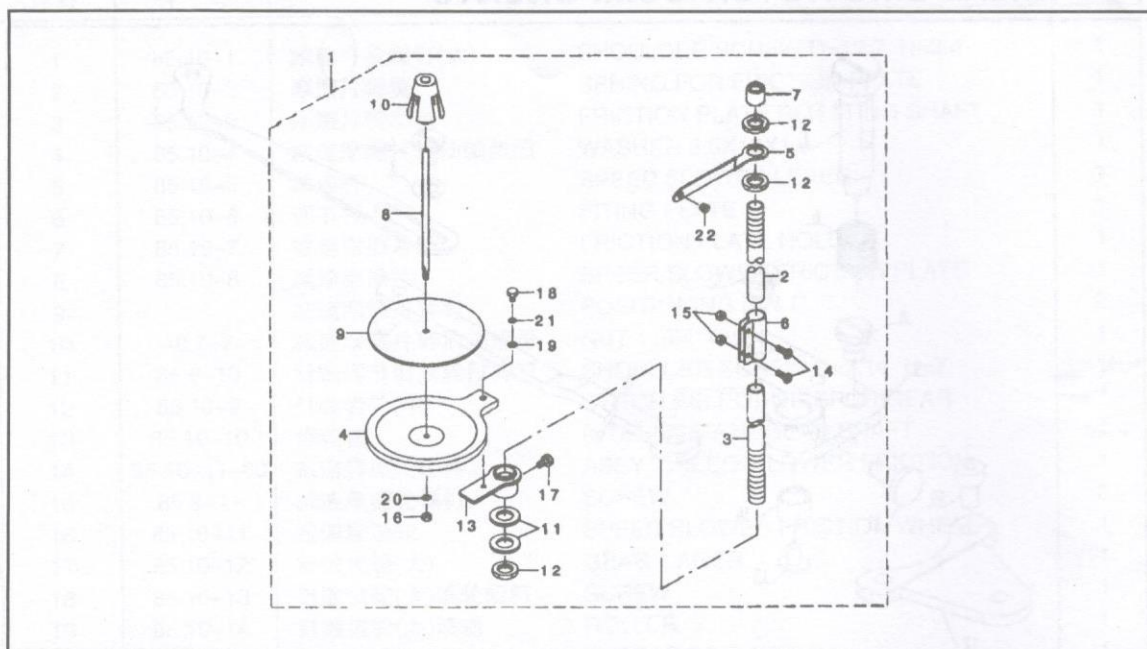
# 十一、打结相关部件

## THREAD BIND NOTCH COMPONENTS



| REF No<br>序号 | PART NO<br>件号 | DESCRIPTION<br>名称                    | Q'TY<br>数量 |
|--------------|---------------|--------------------------------------|------------|
| 1            | 85.11-1       | 打结短连杆<br>THREAD BIND LEVER           | 1          |
| 2            | 85.11-2       | 连接长连杆<br>CONNECTING PLATE LARGE      | 1          |
| 3            | 85.2-33-3     | 连接短连杆垫圈<br>WASHER                    | 2          |
| 4            | 85.2-7        | 连接短连杆螺钉<br>SCREW                     | 2          |
| 5            | 85.11-10      | 打结曲柄螺钉<br>SCREW                      | 2          |
| 6            | 85.1-9        | 打结曲柄销弹簧<br>SPRING                    | 2          |
| 7            | 85.11-4       | 打结曲柄控制销<br>PIN                       | 1          |
| 8            | 85.11-10      | 打结曲柄固定螺钉<br>SCREW                    | 1          |
| 9            | 85.11-3       | 打结曲柄组件<br>THREAD BIND ARM            | 1          |
| 10           | 85.4-38       | 打结曲支撑板安装螺钉<br>SCREW                  | 2          |
| 11           | 85.11-5       | 打结控制螺钉<br>SCREW                      | 1          |
| 12           | 85.11-6       | 打结曲柄支撑板<br>THREAD BIND SUPPORT PLATE | 1          |
| 13           | 85.11-8       | 滚轮安装螺钉<br>SCREW                      | 1          |
| 14           | 85.11-7       | 打结曲柄滚轮<br>ROLLER                     | 1          |

## 十二、线架部件 THREAD STAND COMPONENTS



| REF No<br>序号 | PART NO<br>件 号 | DESCRIPTION<br>名 称 |                               | Q'TY<br>数量 |
|--------------|----------------|--------------------|-------------------------------|------------|
| 1            | 85.12-1        | 线架                 | THREAD STAND ASM              | 1          |
| 2            | 85.12-1-2      | 线架杆上节              | SPOOL REST ROD, UPPER         | 1          |
| 3            | 20.8-6-1       | 线架杆下节              | SPOOL REST ROD, LOWER         | 1          |
| 4            | 85.12-1-4      | 线盘                 | THREAD STAND HOLDER PLATE     | 1          |
| 5            | 85.12-1-3      | 线架过线柱              | THREAD RAISING THREAD GUIDE A | 2          |
| 6            | 20.8-6-5       | 支撑柱连接套             | SPOOL REST ROD JOINT          | 2          |
| 7            | 20.8-6-4       | 线架杆顶防护皮套           | SPOOL REST ROD RUBBER CAP     | 1          |
| 8            | 20.8-6-6       | 插线钉                | SPOOL PIN                     | 1          |
| 9            | 20.8-6-9       | 线盘轮垫               | SPOOL REST CUSHION            | 2          |
| 10           | 20.8-6-7       | 线盘防松垫              | SPOOL RETAINER                | 2          |
| 11           | 20.8-6-2       | 线架杆垫片              | WASHER 16X30X2.6              | 2          |
| 12           |                | 线架过线柱螺母            | NUT M16X1.5                   | 3          |
| 13           | 85.12-1-1      | 托架                 | SPOOL REST BRACKET ASM        | 1          |
| 14           |                | 支撑柱连接螺钉            | SCREW M5 L=14                 | 2          |
| 15           |                | 支撑柱连接螺母            | NUT M5                        | 2          |
| 16           |                | 线架支撑螺母             | NUT M5                        | 1          |
| 17           |                | 托架安装螺钉             | SCREW M6 L=10                 | 1          |
| 18           |                | 线盘安装螺钉             | SCREW M5X0.8 L=8              | 1          |
| 19           |                | 线盘安装螺钉平垫片          | WASHER 5.2X9.5X0.6            | 1          |
| 20           |                | 线架杆垫片              | SPRING WASHER                 | 1          |
| 21           |                | 线盘安装螺钉弹簧垫圈         | SPRING WASHER 5.2X8.2X1       | 1          |
| 22           | 20.8-6-11      | 过线环护套              | THREAD GUIDE                  | 1          |
|              |                |                    |                               | 1          |
|              |                |                    |                               | 1          |