

# brother

## DB2-B798

本縫上下送り大釜自動糸切りミシン

SINGLE NEEDLE TOP AND BOTTON FEED LOCK STITCHER WITH LARGE HOOK AND THREAD TRIMMER

EINNADEL-STEPSTICH-SCHNELLNÄHER MIT SCHNELLVERSTELLB. OBER- UND UNTERTRANSPORT, GROSSEM GREIFER UND FADENABSCHNEIDER

PIQUEUSE 1 AIGUILLE - POINT NOUE ENTRAINEMENTS SUPERIEURS ET INFERIEURS AVEC CROCHET GRANDE CAPACITE ET COUPE-FILS

1 AGUJA DOBLE ARRASTRE POR PATA PRENSATELAS, GARFIO GRANDE

PICK LOCATION  
03WS08-704

ORDER: 596074



QUANTITY

1  
EA

CASES  
EACH

PART: 3573001



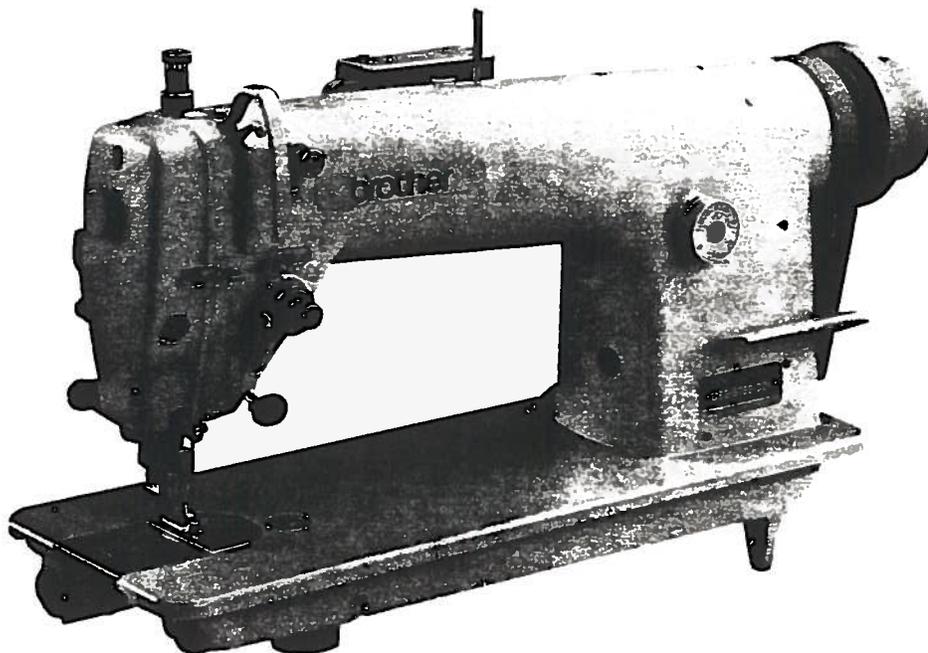
PARTS BOOK

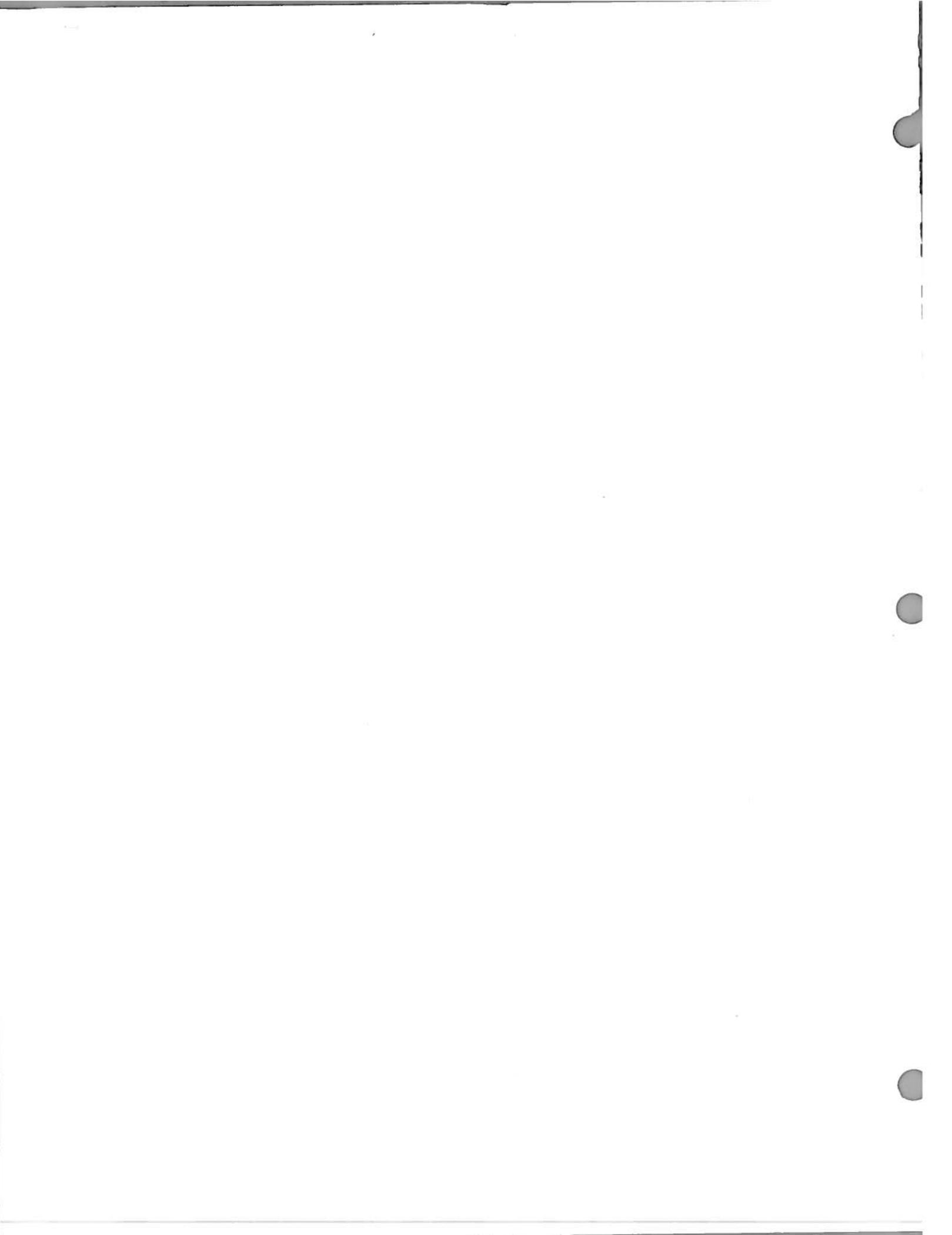
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AP

We're at your side.  
**brother**

S  
ENCIA DE PIEZAS





## パーツブックご利用に際して

1. 組単位で補給する部品は、 破線で示しております。
2. 部品コード欄が\*となっている場合は、仕様別一覧表 (32ページ) でお調べ下さい。
3. この本は1993年3月のデータに基づいて作成されたものです。
4. 部品は予告なしに設計変更される場合があります。

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## Notes for using this parts book

1. Parts supplied as complete assemblies are circled by a dotted line .
2. If the symbol \* is found in the "Parts No." column, refer to the different parts list on page 32.
3. This book was prepared based on information available in March 1993.
4. Parts are subject to changes in design without prior notice.

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## Hinweise zur Verwendung dieser Teilleiste

1. Die Teile, die als kompletter Satz geliefert werden, sind mit einer  gestrichelten Linie umrandet.
2. Dieses Zeichen \* in der Spalte "Parts No. (Teilnummer)" verweist auf die Gesonderte Stückliste auf Seite 32.
3. Dieses Buch basiert auf den Informationen vom März 1993.
4. Modelländerungen sind vorbehalten.

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## Notes sur l'utilisation de ce manuel de pièces détachées

1. Les pièces fournies en tant qu'assemblages complets sont encadrées avec un trait pointillé .
2. Si le symbole \* se trouve dans la colonne "Parts No. (N° de pièce)" veuillez la vous référer à la liste de pièces annexe page 32.
3. Ce manuel a été fait d'après les renseignements valables au mois de Mars 1993.
4. Les pièces peuvent être sujettes à des modifications sans préavis.

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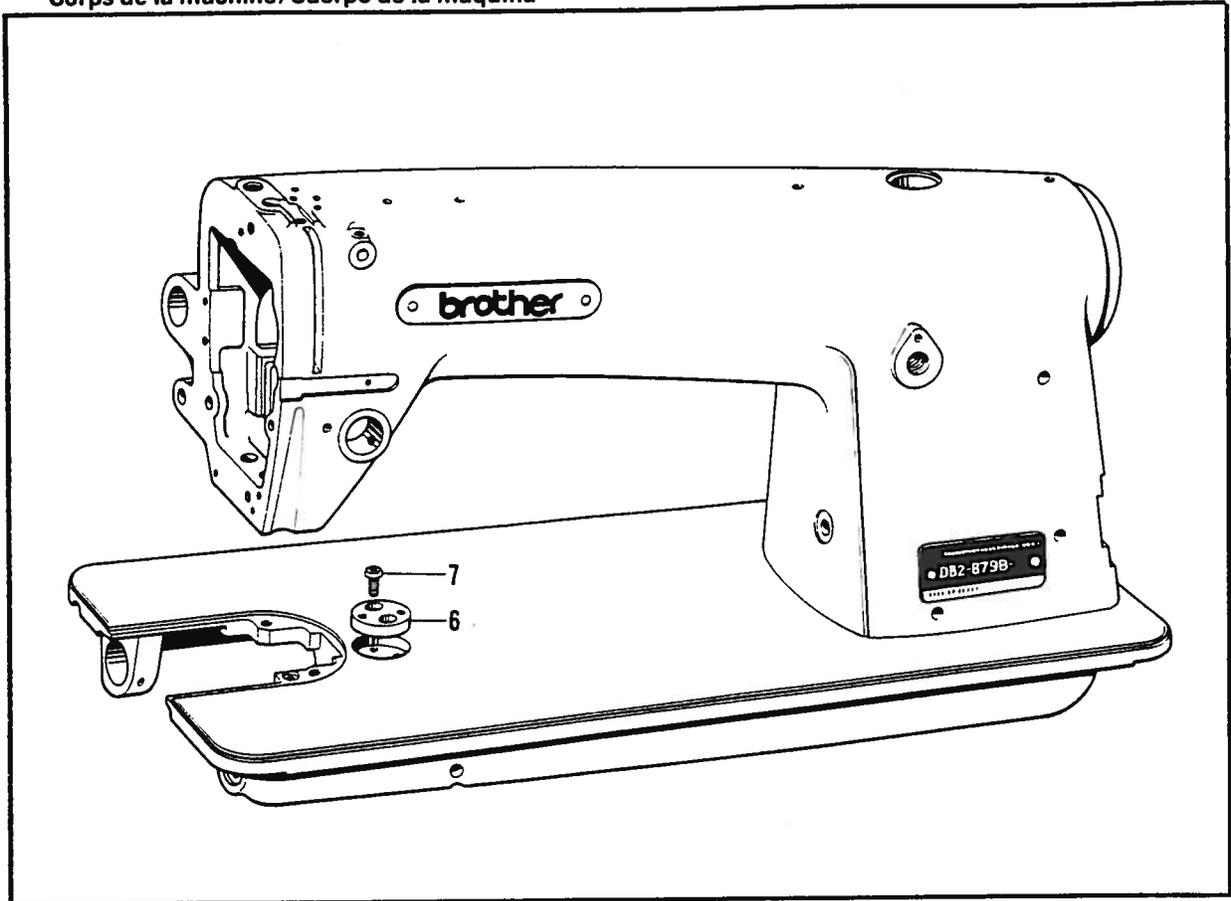
## Notas para usar este Manual de Piezas

1. Las piezas suministradas como conjuntos completos se enmarcan con una línea punteada .
2. De haber un símbolo \* junto al "Parts No. (Número de Pieza)", habrá que mirar la lista de piezas separadas de la página 32.
3. Este libro ha sido compilado basándose en los datos de que se disponía en marzo 1993.
4. Las piezas quedan sujetas a cambios de diseño sin aviso previo.

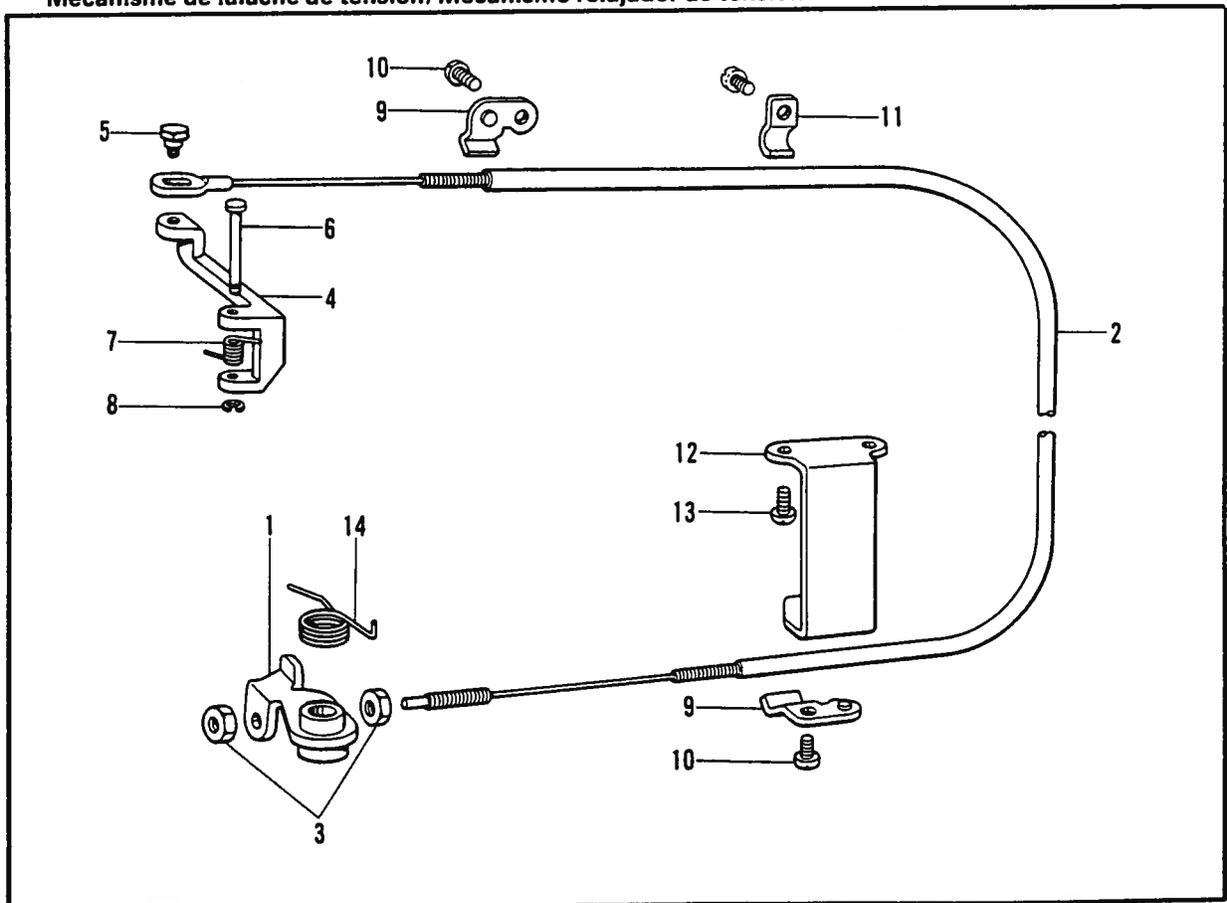
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A. 主体関係/Machine body/Maschinengehäuse/  
Corps de la machine/Cuerpo de la máquina



B. 糸ユルメ関係/Tension release mechanism/Spannungsverminderungs-vorrichtung/  
Mécánisme de lâche de tension/Mecanismo relajador de tension



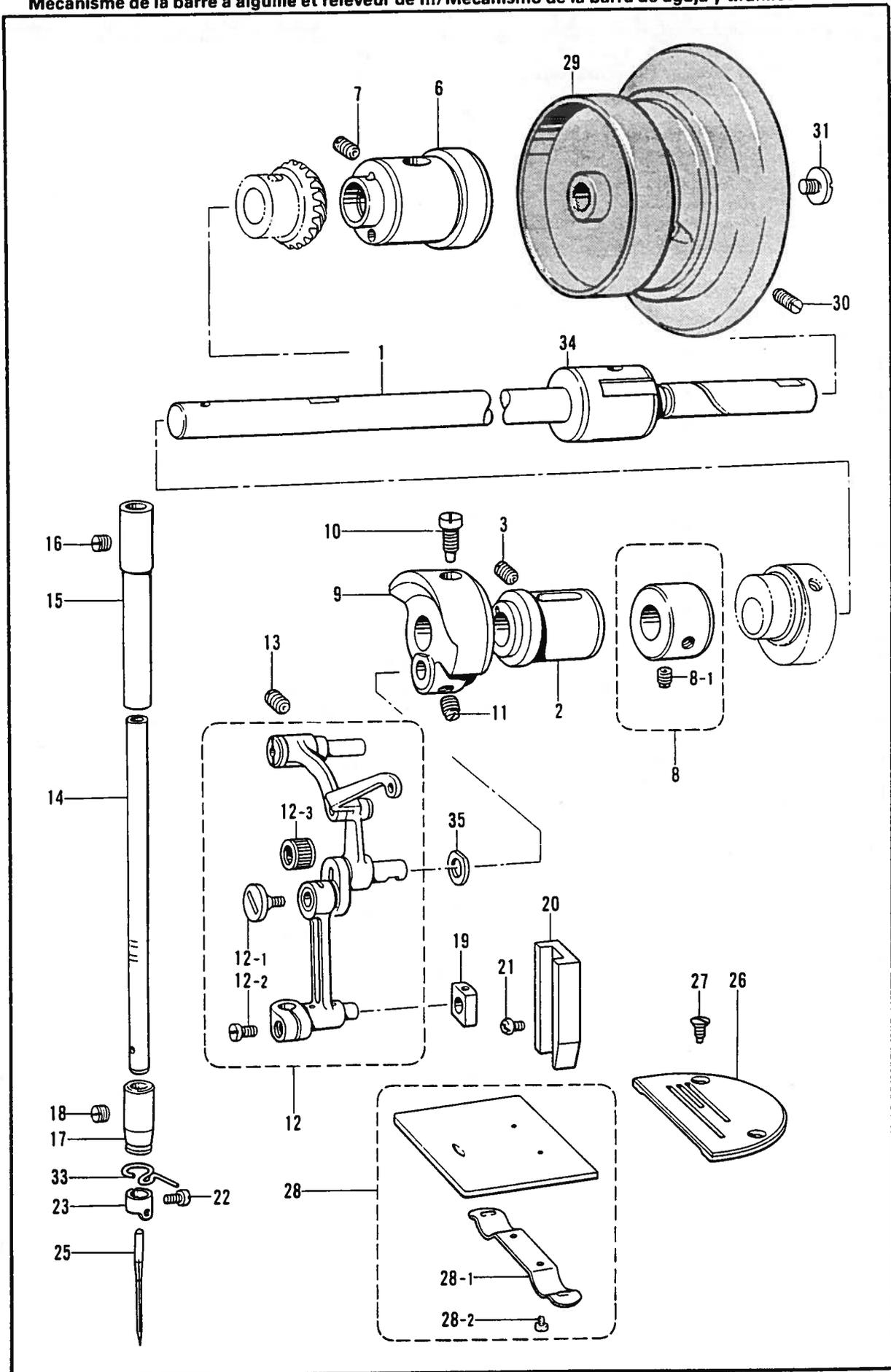
A. 主体関係 / Machine body / Maschinengehäuse /  
Corps de la machine / Cuerpo de la máquina

| REF.NO. | CODE      | QTY | 品名          | NAME OF PARTS | RMKS |
|---------|-----------|-----|-------------|---------------|------|
| 6       | S00888001 | 1   | シヨウキイタ      | CLOTH PLATE   |      |
| 7       | 062670812 | 2   | ナヘコ357-40X8 | SCREW 357X8   |      |

B. 糸ユルメ関係 / Tension release mechanism / Spannungsverminderungsvorrichtung /  
Mécánisme de lâche de tension / Mecanismo relajador de tension

| REF.NO. | CODE      | QTY | 品名            | NAME OF PARTS                    | RMKS |
|---------|-----------|-----|---------------|----------------------------------|------|
| 1       | S01504001 | 1   | イトユルメレバー      | TENSION RELEASE LEVER            |      |
| 2       | S01505009 | 1   | イトユルメワイヤー     | TENSION RELEASE WIRE             |      |
| 3       | 110161004 | 2   | ナツト4.76       | NUT 4.76                         |      |
| 4       | S01506001 | 1   | イトユルメイタ       | TENSION RELEASE PLATE            |      |
| 5       | 159113001 | 1   | ダツネシ3.18      | STUD SCREW 3.18                  |      |
| 6       | S01507001 | 1   | イトユルメシク       | TENSION RELEASE STUD             |      |
| 7       | S01508001 | 1   | イトユルメイタモトシハネ  | SPRING                           |      |
| 8       | 048020342 | 1   | トメフE2         | STOP RING E2                     |      |
| 9       | 149135101 | 2   | イトユルメワイヤーオサエU | TENSION RELEASE WIRE PRESSER (U) |      |
| 10      | 060670612 | 2   | ハインコ357-40X6  | SCREW 357X6                      |      |
| 11      | 140647001 | 1   | コードオサエ        | CORD HOLDER                      |      |
| 12      | S01509001 | 1   | イトユルメワイヤーホルダD | TENSION RELEASE WIRE HOLDER (D)  |      |
| 13      | 062670812 | 2   | ナヘコ357-40X8   | SCREW 357X8                      |      |
| 14      | S01886101 | 1   | イトユルメモトシハネ    | SPRING                           |      |

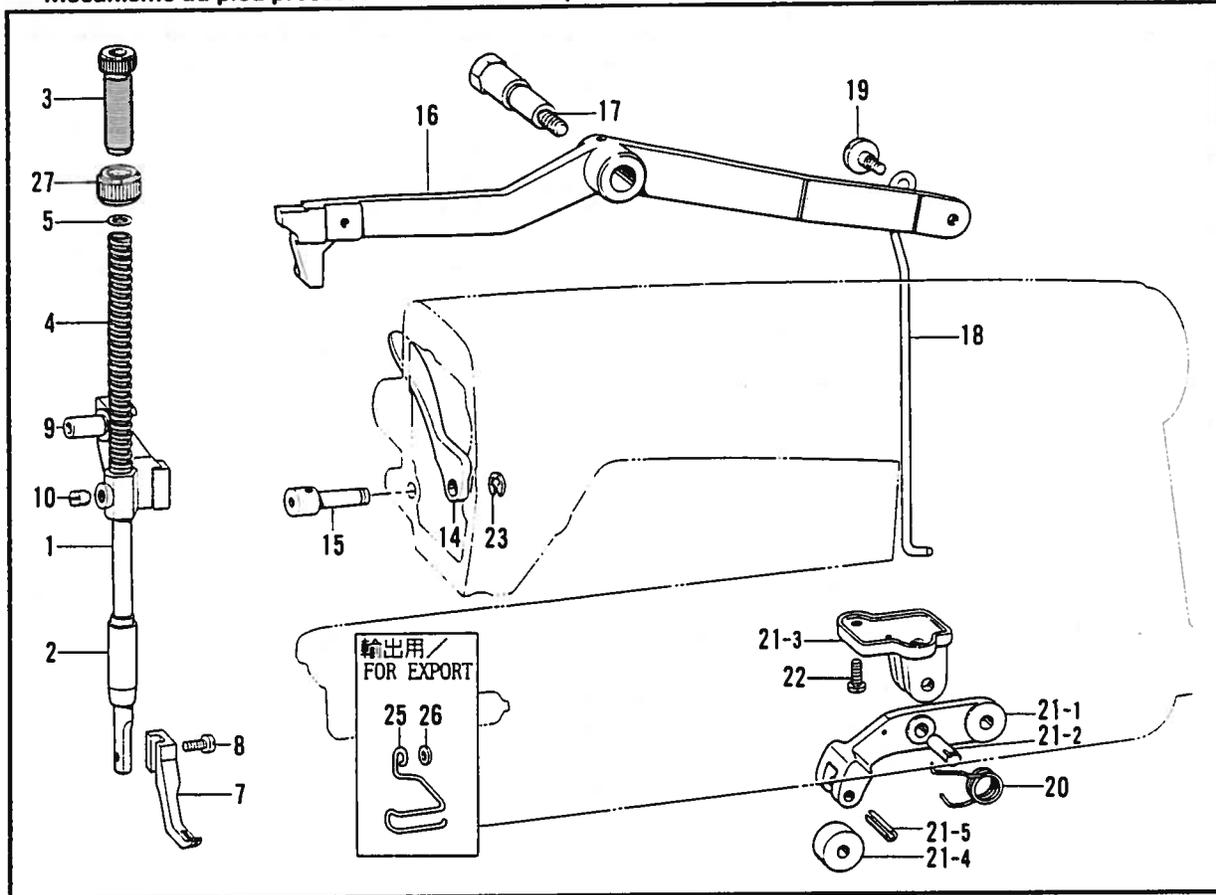
C. 針棒・天ビン関係 / Needle bar and thread take-up mechanism / Nadelstange und Fadenabnahmevorrichtung /  
 Mécanisme de la barre à aiguille et releveur de fil / Mecanismo de la barra de aguja y tirahilos



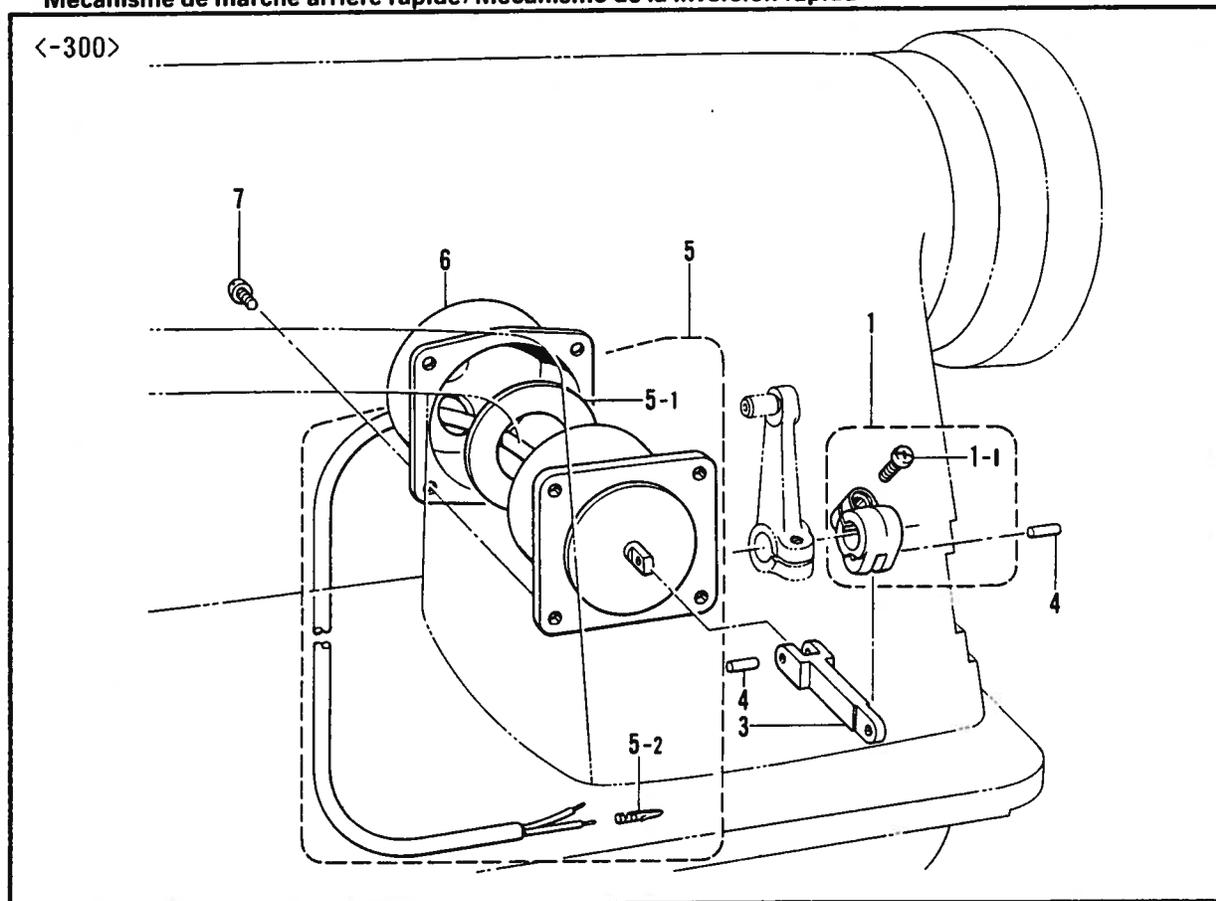
C. 針棒・天ビン関係/Needle bar and thread take-up mechanism/Nadelstange und Fadenabnahmevorrichtung/  
 Mécanisme de la barre à aiguille et releveur de fil/Mecanismo de la barra de aguja y tirahilos

| REF.NO. | CODE      | QTY | ヒンメイ            | NAME OF PARTS                | RMKS |
|---------|-----------|-----|-----------------|------------------------------|------|
| 1       | 144551001 | 1   | ウワシク            | UPPER SHAFT                  |      |
| 2       | 144552000 | 1   | ウワシクメタルL        | UPPER SHAFT BUSH (L)         |      |
| 3       | 013761410 | 1   | トメネシ"5.95クホ"ミ   | SET SCREW 5.95               |      |
| 6       | 148897100 | 1   | ウワシクメタルR        | UPPER SHAFT BUSH (R)         |      |
| 7       | 013760610 | 1   | トメネシ"5.95クホ"ミ   | SET SCREW 5.95               |      |
| 8       | 181940001 | 1   | ウワシクセツトカラークミ    | UPPER SHAFT SEY COLLAR ASSY  |      |
| 8-1     | 151604001 | 2   | トメネシ"5.95       | SET SCREW 5.95               |      |
| 9       | S01477000 | 1   | テンピンクラク         | COUNTER WEIGHT               |      |
| 10      | 104464001 | 1   | シメネシ"7.14       | SCREW 7.14                   |      |
| 11      | 100251001 | 2   | トメネシ"6.35       | SET SCREW 6.35               |      |
| 12      | S01478001 | 1   | ハリホウレンカンクミ      | THREAD TAKE-UP LEVER ASSY    |      |
| 12-1    | 132051001 | 1   | +サラネシ"3.57L     | SCREW 3.57L                  |      |
| 12-2    | 140004001 | 1   | シメネシ"3.57       | SCREW 3.57                   |      |
| 12-3    | 116735000 | 1   | ニートルヘ"アリンク"     | NEEDLE BEARING               |      |
| 13      | 013761410 | 1   | トメネシ"5.95クホ"ミ   | SET SCREW 5.95               |      |
| 14      | S01481001 | 1   | ハリホウ            | NEEDLE BAR                   |      |
| 15      | 117116001 | 1   | ハリホウメタルU        | NEEDLE BAR BUSH (U)          |      |
| 16      | 100260001 | 1   | トメネシ"5.95       | SET SCREW 5.95               |      |
| 17      | S01482001 | 1   | ハリホウメタルD        | NEEDLE BAR BUSH (D)          |      |
| 18      | 100260001 | 1   | トメネシ"5.95       | SET SCREW 5.95               |      |
| 19      | 102630001 | 1   | ハリホウアンナイカクコマ    | NEEDLE BAR GUIDE SLIDE BLOCK |      |
| 20      | S01483001 | 1   | ハリホウアンナイ        | NEEDLE BAR GUIDE             |      |
| 21      | 062670512 | 2   | ナヘ"コ357-40X5    | SCREW 357X5                  |      |
| 22      | 140553102 | 1   | アタマツキトメネシ"3.18  | SET SCREW 3.18               |      |
| 23      | 151594001 | 1   | ハリホウイトアンナイ      | NEEDLE BAR THREAD GUIDE      |      |
| 25      | 145646023 | 1   | ミシンハリDPX17(#23) | NEEDLE DPX17 (#23)           |      |
| 26      | 147322001 | 1   | ハリイタC26         | NEEDLE PLATE C26             |      |
| 27      | 100032004 | 2   | サラネシ"4.37       | SCREW 4.37                   |      |
| 28      | 180018101 | 1   | スヘ"リイタクミ        | SLIDE PLATE ASSY             |      |
| 28-1    | 114561001 | 1   | スヘ"リイタウラハ"ネ     | SPRING                       |      |
| 28-2    | 122771002 | 2   | シメネシ"2.38       | SCREW 2.38                   |      |
| 29      | 148823009 | 1   | プーリ             | PULLEY                       |      |
| 30      | S09670001 | 2   | トメクホ"ミ595-28X14 | SET SCREW 595X14             |      |
| 34      | 116947000 | 1   | ウワシクメタルM        | UPPER SHAFT BUSH (M)         |      |
| 35      | 110367001 | 1   | サ"カ"ネ           | WASHER                       |      |

D. 押工関係/Presser foot mechanism/Stoffdrückerfuß/  
 Mécanisme du pied presseur/Mecanismo del prensatelas



E. 逆転関係/Quick reverse mechanism/Umkehr/  
 Mécanisme de marche arrière rapide/Mecanismo de la inversión rápida



D. 押し関係/Presser foot mechanism/Stoffdrückerfuß/  
Mécanisme du pied presseur/Mecanismo del prensatelas

| REF.NO. | CODE      | QTY | ヒンメイ           | NAME OF PARTS              | RMKS |
|---------|-----------|-----|----------------|----------------------------|------|
| 1       | 103013001 | 1   | オサエホ"ウ         | PRESSER BAR                |      |
| 2       | 150481001 | 1   | オサエホ"ウメタル      | PRESSER BAR BUSH           |      |
| 3       | 100279109 | 1   | オサエチヨウセツネシ"    | PRESSER ADJUSTING SCREW    |      |
| 4       | 150482001 | 1   | オサエハ"ネ         | PRESSER SPRING             |      |
| 5       | 141099001 | 1   | オサエハ"ネサ"カ"ネ    | SPRING WASHER              |      |
| 7       | S01484101 | 1   | オサエアシ          | PRESSER FOOT               |      |
| 8       | S13385001 | 1   | シメネシ"3.57X10   | SCREW 3.57X10              |      |
| 9       | 150483001 | 1   | オサエホ"ウタ"キ      | PRESSER BAR BRACKET        |      |
| 10      | 013760712 | 1   | トメネシ"5.95クホ"ミ  | SET SCREW 5.95             |      |
| 14      | 142481001 | 1   | オサエアケ"         | PRESSER FOOT LIFTER        |      |
| 15      | 159991001 | 1   | オサエアケ"シ"ク      | PRESSER BAR LIFTER STUD    |      |
| 16      | S01485009 | 1   | ヒサ"アケ"テコ       | KNEE LIFTER LEVER          |      |
| 17      | S07976001 | 1   | タ"ンネシ"7.94     | STUD SCREW 7.94            |      |
| 18      | 150486201 | 1   | ヒサ"アケ"ヒキホ"ウ    | KNEE LIFTER CONNECTING ROD |      |
| 19      | 144523001 | 1   | タ"ンネシ"4.76     | STUD SCREW 4.76            |      |
| 20      | 100304001 | 1   | ツメテコハ"ネ        | SPRING                     |      |
| 21      | 150731101 | 1   | ツメテコクミ         | LEVER PAWL                 |      |
| 21-1    | S01487001 | 1   | ツメテコ           | LEVER PAWL                 |      |
| 21-2    | 118550001 | 1   | ミソ"ツキヒン        | DOWEL PIN                  |      |
| 21-3    | 144560001 | 1   | ツメテコササエ        | KNEE LIFTER CRANK BRACKET  |      |
| 21-4    | S01488001 | 1   | ヒサ"アケ"オシホ"ウローラ | KNEE LIFTING LEVER ROLLER  |      |
| 21-5    | 047501842 | 1   | スプリング"ピンAW5    | SPRING PIN AW-5            |      |
| 22      | 062710812 | 2   | ナヘ"コ476-32X8   | SCREW 476X8                |      |
| 23      | 048060342 | 1   | トメワE6          | STOP RING E6               |      |
| 25      | 151086000 | 1   | -----          | FINGER GUARD               |      |
| 26      | 025350132 | 1   | -----          | PLAIN WASHER               |      |
| 27      | 147846002 | 1   | チヨウセツネシ"ツマミナット | NUT                        |      |

E. 逆転関係/Quick reverse mechanism/Umkehr/  
Mécanisme de marche arrière rapide/Mecanismo de la inversión rápida

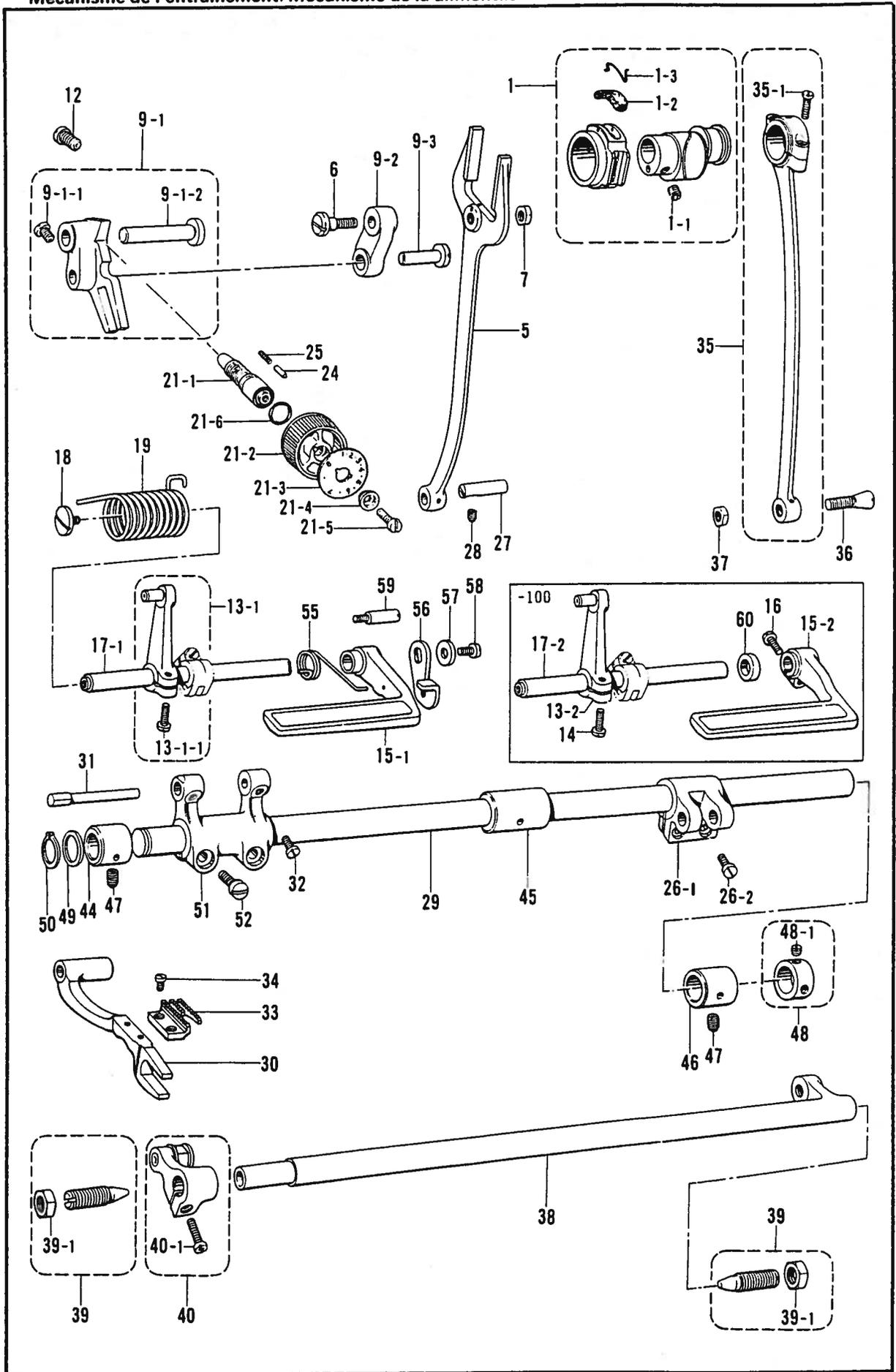
| REF.NO. | CODE      | QTY | ヒンメイ            | NAME OF PARTS         | RMKS |
|---------|-----------|-----|-----------------|-----------------------|------|
| <-300>  |           |     |                 |                       |      |
| 1       | S01305001 | 1   | ソレノイト"レハ"ークミ    | SOLENOID LEVER ASSY   |      |
| 1-1     | 062711412 | 1   | ナヘ"コ4.76-32X14  | SCREW 476X14          |      |
| 3       | S01493001 | 1   | ソレノイト"ロツト"      | SOLENOID ROD          |      |
| 4       | 156982001 | 2   | ニート"ルローラ-3X12.8 | PIN 3X12.8            |      |
| 5       | *         | 1   | キ"ヤクテンソレノイト"クミ  | REVERSE SOLENOID ASSY |      |
| 5-1     | 157981000 | 1   | クツシヨン           | CUSHION               |      |
| 5-2     | *         | 2   | ピン"ターミナルオス      | TERMINAL PIN (MALE)   |      |
| 6       | S01496009 | 1   | カハ"ー            | COVER                 |      |
| 7       | 062681012 | 4   | ナヘ"コ437-40X10   | SCREW 437X10          |      |



F. 送り関係/Feed mechanism/Transportvorrichtung/  
 Mécanisme de l'entraînement/Mecanismo de la alimentación

| REF.NO. | CODE      | Q'TY | 品名  | NAME OF PARTS                    | RMKS |
|---------|-----------|------|---|----------------------------------|------|
| 1       | 181647001 | 1    | オクリカムスリーブクミ                                       | FEED CAM SLEEVE ASSY             |      |
| 1-1     | 151604001 | 2    | トメネジ <sup>5.95</sup>                              | SET SCREW 5.95                   |      |
| 1-2     | 106442001 | 1    | フェルト  | FELT                             |      |
| 1-3     | 106440000 | 1    | フェルトオサエ   | FELT WIRE                        |      |
| 5       | 150437001 | 1    | フタマタロツト   | FEED FORKED CONNECTOR            |      |
| 6       | 149204001 | 1    | タ <sup>ン</sup> ネジ <sup>7.14</sup>                 | STUD SCREW 7.14                  |      |
| 7       | 104689002 | 1    | ナツト <sup>7.14</sup>                               | NUT 7.14                         |      |
| 9       | 183366001 | 1    | オクリチヨウセツキオオクミ                                     | FEED REGULATOR ASSY              |      |
| 9-1     | S01599001 | 1    | オクリチヨウセツキクミ                                       | FEED REGULATOR ASSY              |      |
| 9-1-1   | 102627001 | 2    | アタマツキトメネジ <sup>6.35</sup>                         | SET SCREW 6.35                   |      |
| 9-1-2   | 111491001 | 1    | オクリチヨウセツキジ <sup>ク</sup>                           | FEED REGULATOR STUD              |      |
| 9-2     | S01601001 | 1    | オクリリンク  | FEED REGULATOR LINK              |      |
| 9-3     | S01600001 | 1    | オクリリンクジ <sup>ク</sup>                              | FEED REGULATOR LINK SHAFT        |      |
| 12      | 146141001 | 1    | アタマツキトメネジ <sup>7.14</sup>                         | SET SCREW 7.14                   |      |
| 18      | 100511003 | 1    | シメネジ <sup>4.76</sup>                              | SCREW 4.76                       |      |
| 19      | S19652001 | 1    | ネジ <sup>リ</sup> ハ <sup>ネ</sup>                    | FEED REGULATOR SPRING            |      |
| 21      | 183772009 | 1    | オクリメモリイタクミ  | STITCH LENGTH CONTROL PLATE ASSY |      |
| 21-1    | S06999001 | 1    | オクリチヨウセツネジ <sup>ク</sup>                           | ADJUST SCREW                     |      |
| 21-2    | 129500010 | 1    | オクリメモリイタタイ  | STITCH LENGTH CONTROL DIAL       |      |
| 21-3    | S01598009 | 1    | オクリメモリイタ  | STITCH LENGTH CONTROL PLATE      |      |
| 21-4    | 142746002 | 1    | メモリイタオサエ  | LENGTH CONTROL PLATE SUPPORT     |      |
| 21-5    | 129458102 | 1    | シメネジ <sup>4.76</sup>                              | SCREW 4.76                       |      |
| 21-6    | 108549001 | 1    | Oリング  | O RING                           |      |
| 24      | 145502001 | 1    | メモリイチキ <sup>メ</sup> ヒ <sup>ン</sup>                | POSITIONING PIN                  |      |
| 25      | 100328001 | 1    | メモリイチキ <sup>メ</sup> ヒ <sup>ン</sup> ハ <sup>ネ</sup> | SPRING                           |      |
| 26-1    | 109152001 | 1    | スイヘイオクリウテ <sup>ク</sup>                            | FEED ROCK ARM                    |      |
| 26-2    | 062681212 | 2    | ナ <sup>ヘ</sup> コ <sup>3437-40X12</sup>            | SCREW 437X12                     |      |
| 27      | 109153001 | 1    | ピン  | PIN                              |      |
| 28      | 151602002 | 1    | トメネジ <sup>4.37</sup>                              | SET SCREW 4.37                   |      |
| 29      | 150439101 | 1    | スイヘイオクリジ <sup>ク</sup>                             | FEED ROCK SHAFT                  |      |
| 30      | 147767001 | 1    | オクリタ <sup>イ</sup>                                 | FEED BAR                         |      |
| 31      | S01586001 | 1    | オクリタ <sup>イ</sup> ジ <sup>ク</sup>                  | FEED BAR SHAFT                   |      |
| 32      | 104908001 | 2    | アタマツキトメネジ <sup>4.37</sup>                         | SET SCREW 4.37                   |      |
| 33      | S01489001 | 1    | オクリハ <sup>ク</sup>                                 | FEED DOG                         |      |
| 34      | 100080003 | 2    | シメネジ <sup>3.18</sup>                              | SCREW 3.18                       |      |
| 35      | 118293001 | 1    | クランクロツト <sup>ク</sup> ミ                            | CRANK ROD ASSY                   |      |
| 35-1    | 144712001 | 2    | シメネジ <sup>4.76</sup>                              | SCREW 4.76                       |      |
| 36      | 100310001 | 1    | テーパ <sup>ネ</sup> ジ <sup>7.14</sup>                | TAPER SCREW                      |      |
| 37      | 104689002 | 1    | ナツト <sup>7.14</sup>                               | NUT 7.14                         |      |
| 38      | 116995001 | 1    | ジ <sup>ョウ</sup> ケ <sup>ク</sup> オクリジ <sup>ク</sup>  | FEED LIFTING ROCK SHAFT          |      |
| 39      | 180987001 | 2    | ネジ <sup>セン</sup> タク <sup>ミ</sup>                  | CENTER POINT SCREW ASSY          |      |
| 39-1    | 100075004 | 2    | ナツト <sup>9.52</sup>                               | NUT 9.52                         |      |
| 40      | 181941101 | 1    | UDオクリウテ <sup>ク</sup> ミ                            | FEED LIFTING ARM ASSY            |      |
| 40-1    | 062681612 | 1    | ナ <sup>ヘ</sup> コ <sup>3437-40X16</sup>            | SCREW 437X16                     |      |
| 44      | 150440000 | 1    | スイヘイオクリジ <sup>ク</sup> メタルL                        | FEED ROCK SHAFT BUSH (L)         |      |
| 45      | 150488000 | 1    | スイヘイオクリジ <sup>ク</sup> メタルM                        | FEED ROCK SHAFT BUSH (M)         |      |
| 46      | 150441000 | 1    | スイヘイオクリジ <sup>ク</sup> メタルR                        | FEED ROCK SHAFT BUSH (R)         |      |
| 47      | 151604002 | 2    | トメネジ <sup>5.95</sup>                              | SET SCREW 5.95                   |      |
| 48      | 183493001 | 1    | オクリジ <sup>ク</sup> セツトカラ <sup>ク</sup> ミ            | FEED SHAFT SET COLLAR ASSY       |      |
| 48-1    | 101706001 | 2    | トメネジ <sup>6.35</sup>                              | SET SCREW 6.35                   |      |
| 49      | 116920001 | 1    | オクリジ <sup>ク</sup> スラストリング <sup>ク</sup>            | THRUST RING                      |      |
| 50      | 048150142 | 1    | トメワジ <sup>ク</sup> ヨウ <sup>C15</sup>               | STOP RING C15                    |      |
| 51      | S01491001 | 1    | スイヘイオクリタ <sup>イ</sup> ウテ <sup>ク</sup>             | HORIZONTAL FEED BAR ARM          |      |
| 52      | S01304001 | 2    | シメネジ <sup>6.35X18</sup>                           | SCREW 6.35X18                    |      |
| <-300>  |           |      |   |                                  |      |
| 13-1    | 183238001 | 1    | オクリチヨウセツレハ <sup>ク</sup> ミ                         | FEED REGULATOR LEVER ASSY        |      |
| 13-1-1  | 062711412 | 1    | ナ <sup>ヘ</sup> コ <sup>4.76-32X14</sup>            | SCREW 476X14                     |      |
| 15-1    | 156362009 | 1    | カエシヌイレハ <sup>ク</sup>                              | REVERSE STITCHING LEVER          |      |
| 17-1    | S01490001 | 1    | カエシヌイレハ <sup>ク</sup> ジ <sup>ク</sup>               | REVERSE STITCHING LEVER SHAFT    |      |
| 55      | 148608101 | 1    | カエシヌイレハ <sup>ク</sup> オサエハ <sup>ネ</sup>            | SPRING                           |      |
| 56      | 149091001 | 1    | カエシヌイレハ <sup>ク</sup> イタ                           | REVERSE STITCHING LEVER PLATE    |      |
| 57      | 116662003 | 1    | ワ <sup>シ</sup> カ <sup>ネ</sup>                     | WASHER                           |      |

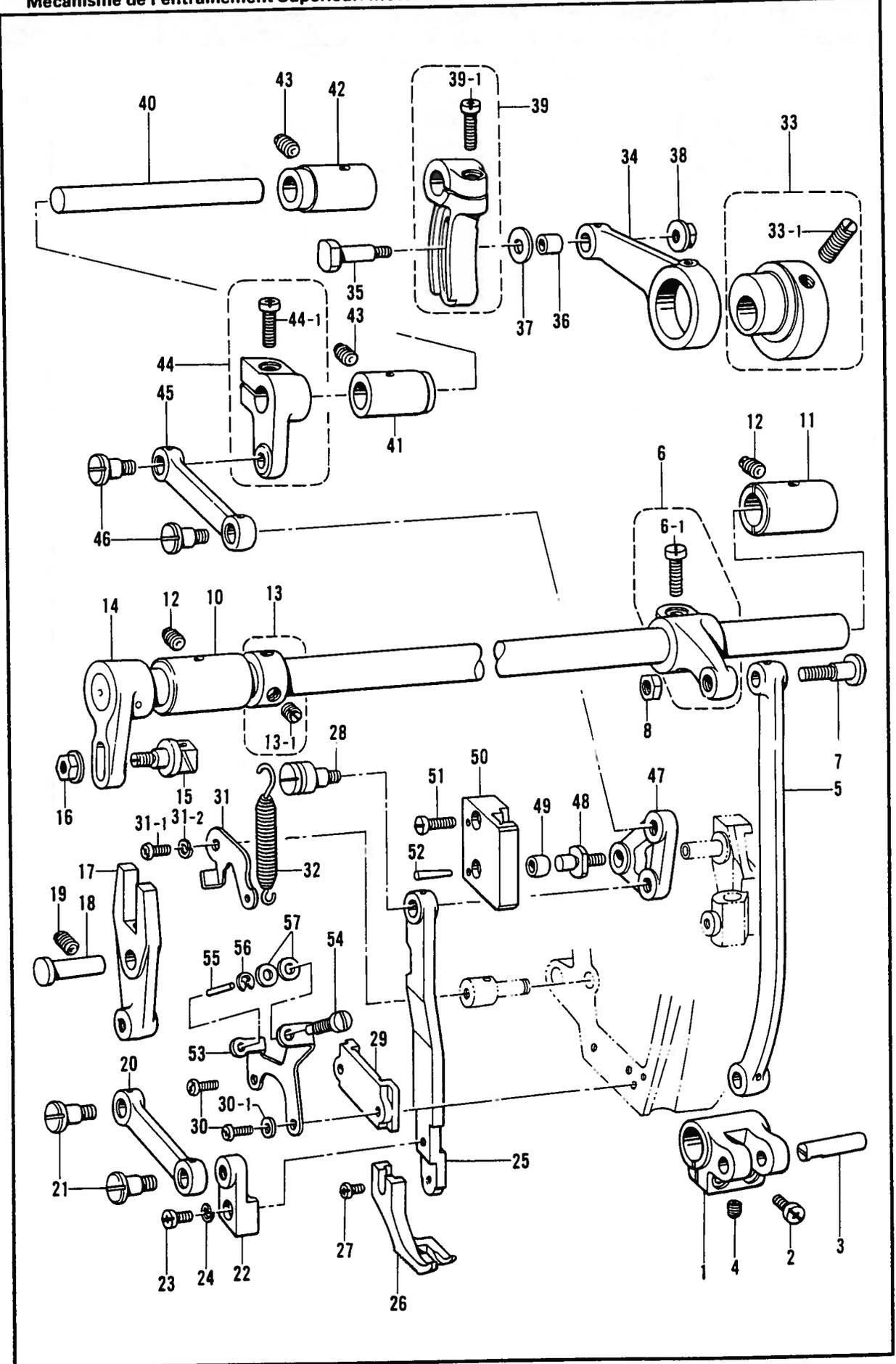
F. 送り関係/Feed mechanism/Transportvorrichtung/  
 Mécanisme de l'entraînement/Mecanismo de la alimentación



F. 送り関係/Feed mechanism/Transportvorrichtung/  
 Mécanisme de l'entraînement/Mecanismo de la alimentación

| REF NO.  | CODE      | Q'TY | 品名           | NAME OF PARTS                 | RMKS |
|----------|-----------|------|--------------|-------------------------------|------|
| 58       | 062710812 | 1    | ナヘ"コ476-32X8 | SCREW 476X8                   |      |
| 59       | 141748001 | 1    | カムフタシメネジ"    | SCREW                         |      |
| < -100 > |           |      |              |                               |      |
| 13-2     | 116953001 | 1    | -----        | FEED REGULATOR LEVER ASSY     |      |
| 14       | 108749001 | 1    | -----        | BOLT 5.95                     |      |
| 15-2     | 147503009 | 1    | -----        | REVERSE STITCHING LEVER       |      |
| 16       | 062711412 | 1    | -----        | SCREW 476X14                  |      |
| 17-2     | 108541001 | 1    | -----        | REVERSE STITCHING LEVER SHAFT |      |
| 60       | S01476001 | 1    | -----        | COLLAR                        |      |

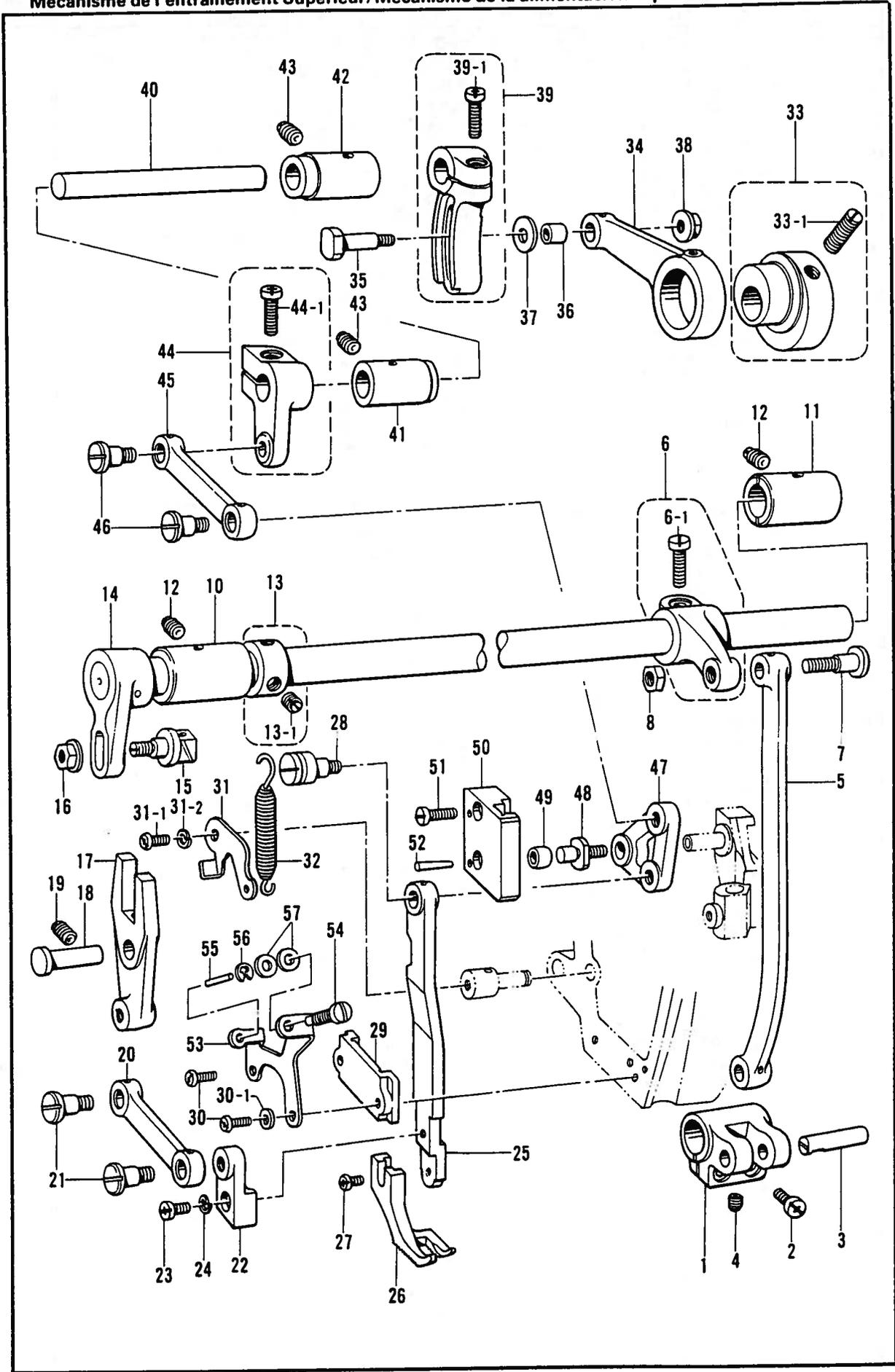
G. 上送り関係/Upper feed mechanism/Obertransportvorrichtung/  
 Mécanisme de l'entraînement Supérieur/Mecanismo de la alimentación superior



G. 上送り関係/Upper feed mechanism/Obertransportjorrichtung/  
 Mécanisme de l'entraînement Supérieur/Mecanismo de la alimentación superior

| REF.NO. | CODE      | QTY | ヒンメイ            | NAME OF PARTS                          | RMKS |
|---------|-----------|-----|-----------------|--|------|
| 1       | 109152001 | 1   | スイハイオクリウテ       | FEED ROCK ARM                          |      |
| 2       | 062681212 | 2   | ナヘコ437-40X12    | SCREW 437X12                           |      |
| 3       | 109153001 | 1   | ピン              | PIN                                    |      |
| 4       | 151602002 | 1   | トメネジ4.37        | SET SCREW 4.37                         |      |
| 5       | 150442001 | 1   | UスイハイオクリレンカンL   | UPPER FEED ROCK CONNECTOR (L)          |      |
| 6       | 150501001 | 1   | UスイハイオクリウテRクミ   | UPPER FEED ROCK ARM (R) ASSY           |      |
| 6-1     | S01304001 | 1   | シメネジ6.35X18     | SCREW 6.35X18                          |      |
| 7       | 149204001 | 1   | ダンネジ7.14        | STUD SCREW 7.14                        |      |
| 8       | 104689002 | 1   | ナツト7.14         | NUT 7.14                               |      |
| 10      | 150444000 | 1   | UスイハイオクリシクメタルL  | UPPER FEED ROCK SHAFT BUSH (L)         |      |
| 11      | 150445000 | 1   | UスイハイオクリシクメタルR  | UPPER FEED ROCK SHAFT BUSH (R)         |      |
| 12      | 151604002 | 2   | トメネジ5.95        | SET SCREW 5.95                         |      |
| 13      | 183493001 | 1   | オクリシクセットカラークミ   | FEED SHAFT SET COLLAR ASSY             |      |
| 13-1    | 101706001 | 2   | トメネジ6.35        | SET SCREW 6.35                         |      |
| 14      | 150446001 | 1   | Uスイハイオクリシククミ    | UPPER FEED ROCK SHAFT ASSY             |      |
| 15      | 150502101 | 1   | コロシククミ          | ROLLER STUD ASSY                       |      |
| 16      | 110778002 | 1   | サツキナツト5.56      | NUT 5.56                               |      |
| 17      | 153514001 | 1   | Uスイハイオクリレハ-     | UPPER FEED ROCK LEVER                  |      |
| 18      | 150491001 | 1   | レハ-シク           | UPPER FEED SHAFT                       |      |
| 19      | 151604002 | 1   | トメネジ5.95        | SET SCREW 5.95                         |      |
| 20      | 150450001 | 1   | リンクS            | LINK (S)                               |      |
| 21      | 150451001 | 2   | ダンネジ6.35        | STUD SCREW 6.35                        |      |
| 22      | 150452001 | 1   | オクリアシレンカンタキ     | FEEDING FOOT CONNECTOR BRACKET         |      |
| 23      | 062680812 | 1   | ナヘコ437-40X8     | SCREW 437X8                            |      |
| 24      | 028680242 | 1   | ハネサカネ2-4.37     | SPRING WASHER 2-4.37                   |      |
| 25      | 153512001 | 1   | オクリアシレンカン       | FEEDING FOOT CONNECTOR                 |      |
| 26      | 150454101 | 1   | オクリアシ           | FEEDING FOOT                           |      |
| 27      | 060670812 | 1   | ハイント357-40X8    | SCREW 357X8                            |      |
| 28      | 150430001 | 1   | ダンネジ6.35        | STUD SCREW 6.35                        |      |
| 29      | 153513001 | 1   | オクリアシレンカンアンナイ   | FEEDING FOOT CONNECTOR GUIDE           |      |
| 30      | 062671412 | 2   | ナヘコ357-40X14    | SCREW 357X14                           |      |
| 30-1    | 105161003 | 1   | サガネ             | WASHER                                 |      |
| 31      | 159993001 | 1   | ハネカケ            | SPRING HOLDER                          |      |
| 31-1    | 062681012 | 1   | ナヘコ437-40X10    | SCREW 437X10                           |      |
| 31-2    | 028680242 | 1   | ハネサカネ2-4.37     | SPRING WASHER 2-4.37                   |      |
| 32      | 159992001 | 1   | オクリアシオサエハネ      | FEEDING FOOT PRESSER SPRING            |      |
| 33      | 150503101 | 1   | U-UDオクリヘンシンリンクミ | U-UD FEED LIFTING ECCENTRIC WHEEL ASSY |      |
| 33-1    | 013761410 | 2   | トメネジ5.95クホミ     | SET SCREW 5.95                         |      |
| 34      | 150465001 | 1   | U-UDオクリレンカン     | U-UD LIFTING FEED CONNECTING ROD       |      |
| 35      | 150460001 | 1   | U-UDオクリレハ-シク    | U-UD FEED LIFTING LEVER SHAFT          |      |
| 36      | 150461001 | 1   | オクリコロ           | FEED ROLLER                            |      |
| 37      | 107453001 | 1   | サガネ             | WASHER                                 |      |
| 38      | 110778002 | 1   | サツキナツト5.56      | NUT 5.56                               |      |
| 39      | 150504001 | 1   | U-UDオクリウテRクミ    | U-UD FEED LIFTING ROCK ARM (R) ASSY    |      |
| 39-1    | 062751612 | 1   | ナヘコ556-32X16    | SCREW 556X16                           |      |
| 40      | 150463001 | 1   | U-UDオクリシク       | U-UD FEED SHAFT                        |      |
| 41      | S02322001 | 1   | カムシクメタルL        | CAM SHAFT BUSH (L)                     |      |
| 42      | S02321001 | 1   | カムシクメタルR        | CAM SHAFT BUSH (R)                     |      |
| 43      | 151604002 | 2   | トメネジ5.95        | SET SCREW 5.95                         |      |
| 44      | 150505001 | 1   | U-UDオクリウテLクミ    | U-UD FEED LIFTING ROCK ARM (L) ASSY    |      |
| 44-1    | 062751612 | 1   | ナヘコ556-32X16    | SCREW 556X16                           |      |
| 45      | 150459001 | 1   | リンクL            | LINK (L)                               |      |
| 46      | 150451001 | 2   | ダンネジ6.35        | STUD SCREW 6.35                        |      |
| 47      | 150466001 | 1   | U-UDオクリレハ-      | U-UD FEED LIFTING LEVER                |      |
| 48      | 150467001 | 1   | コロシク            | ROLLER SHAFT                           |      |
| 49      | 150468001 | 1   | U-UDオクリレハ-コロ    | U-UD FEED LIFTING LEVER ROLLER         |      |
| 50      | 150469001 | 1   | U-UDオクリレハ-アンナイ  | U-UD FEED LIFTING LEVER GUIDE          |      |
| 51      | 062671412 | 2   | ナヘコ357-40X14    | SCREW 357X14                           |      |
| 52      | 046301620 | 2   | テーパピン3X16       | TAPER PIN 3X16                         |      |
| 53      | 159996001 | 1   | チヨウセツネジホルダ      | PRESSER ADJUSTING SCREW HOLDER         |      |
| 54      | 159994001 | 1   | チヨウセツネジ         | PRESSER ADJUSTING SCREW                |      |
| 55      | 159995001 | 1   | チヨウセツピン         | PRESSER ADJUSTING PIN                  |      |

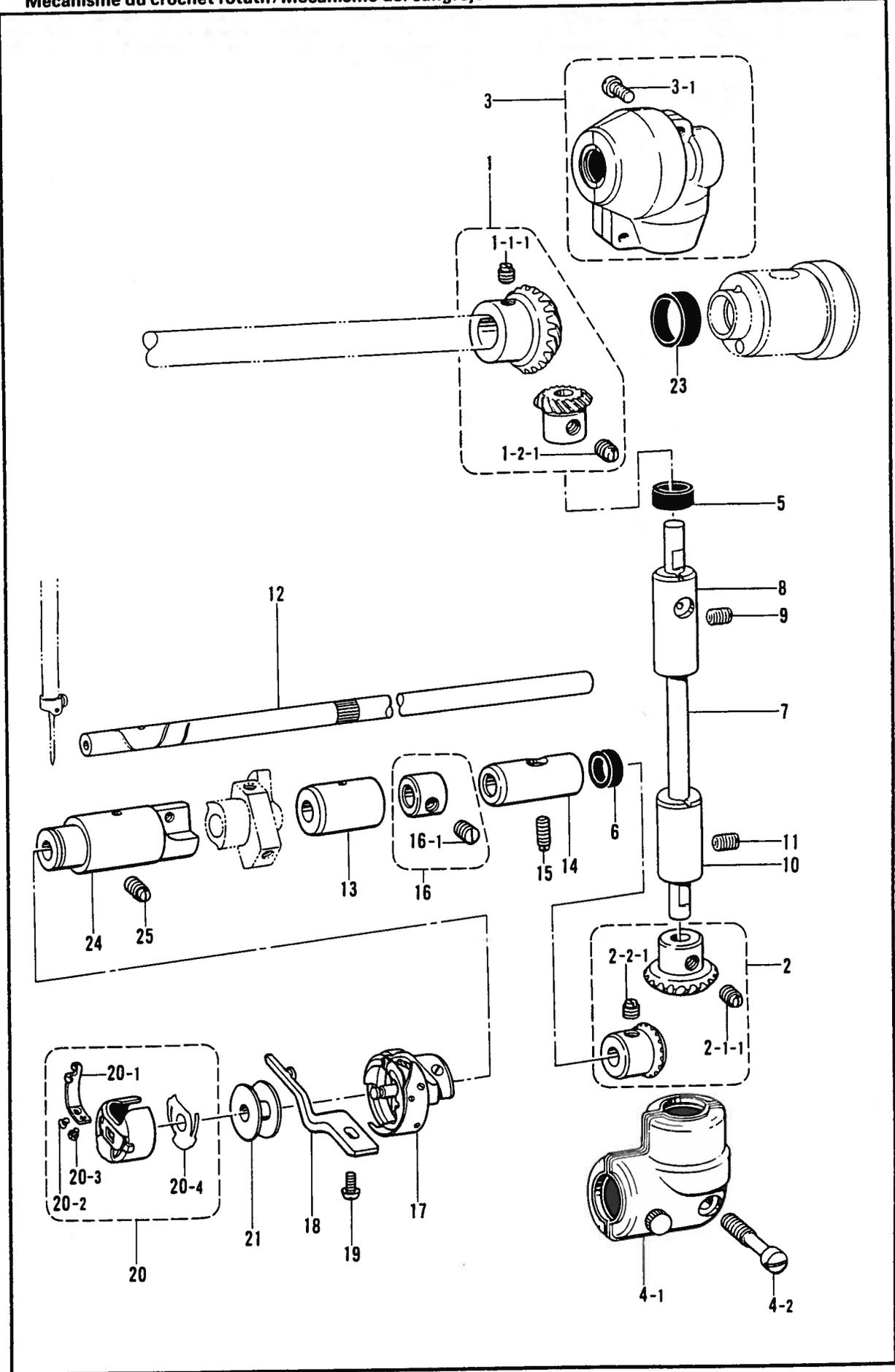
G. 上送り関係/Upper feed mechanism/Obertransportjorrichtung/  
 Mécanisme de l'entraînement Supérieur/Mecanismo de la alimentación superior



G. 上送り関係/Upper feed mechanism/Obertransportjorrichtung/  
 Mécanisme de l'entraînement Supérieur/Mecanismo de la alimentación superior

| REF. NO. | CODE      | Q'TY | ヒンメイ  | NAME OF PARTS | RMKS |
|----------|-----------|------|-------|---------------|------|
| 56       | 048040342 | 1    | トメツE4 | STOP RING E4  |      |
| 57       | 109893002 | 2    | サカガネ  | WASHER        |      |

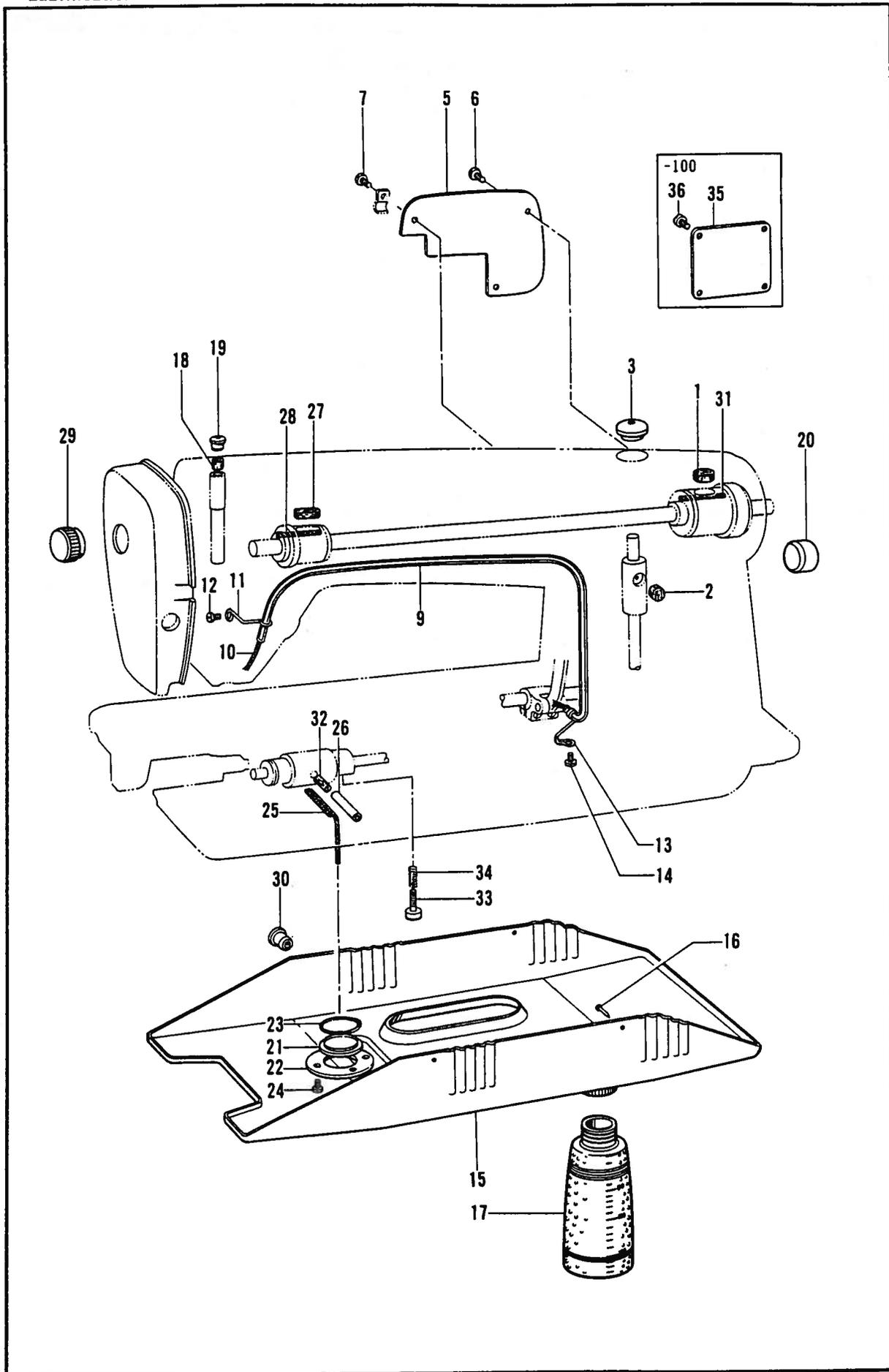
H. カマ関係/Rotary hook mechanism/Greifervorrichtung/  
 Mécanisme du crochet rotatif/Mecanismo del cangrejo



H. カマ関係/Rotary hook mechanism/Greifervorrichtung/  
Mécanisme du crochet rotatif/Mecanismo del cangrejo

| REF.NO. | CODE      | Q'TY | ヒンメイ            | NAME OF PARTS                       | RMKS |
|---------|-----------|------|-----------------|-------------------------------------|------|
| 1       | 140378001 | 1    | ヘ"ヘルキ"ヤUクミ      | BEVEL GEAR (U) ASSY                 |      |
| 1-1-1   | 100251001 | 2    | トメネシ"6.35       | SET SCREW 6.35                      |      |
| 1-2-2   | 100251001 | 2    | トメネシ"6.35       | SET SCREW 6.35                      |      |
| 2       | 150435001 | 1    | シタシ"クヘ"ヘルキ"ヤクミ  | LOWER SHAFT GEAR ASSY               |      |
| 2-1-1   | 100251001 | 2    | トメネシ"6.35       | SET SCREW 6.35                      |      |
| 2-2-2   | 100251001 | 2    | トメネシ"6.35       | SET SCREW 6.35                      |      |
| 3       | 140384001 | 1    | ヘ"ヘルキ"ヤケースUクミ   | BEVEL GEAR CASE (U) ASSY            |      |
| 3-1     | 100320002 | 2    | シメネシ"4.76       | SCREW 4.76                          |      |
| 4       | 118298001 | 1    | シタヘ"ヘルキ"ヤケースクミ  | LOWER GEAR CASE                     |      |
| 4-1     | 110320000 | 1    | ヘ"ヘルキ"ヤケースD     | BEVEL GEAR (D)                      |      |
| 4-2     | 100343001 | 1    | シメネシ"7.14       | SET SCREW                           |      |
| 5       | 103796001 | 2    | シール             | SEAL                                |      |
| 6       | 103797001 | 1    | シール             | OIL SEAL                            |      |
| 7       | 150470001 | 1    | タテシ"ク           | VERTICAL SHAFT                      |      |
| 8       | 148913000 | 1    | タテシ"クメタルU       | VERTICAL SHAFT BUSH (U)             |      |
| 9       | 013760610 | 1    | トメネシ"5.95クホ"ミ   | SET SCREW 5.95                      |      |
| 10      | 148914000 | 1    | タテシ"クメタルD       | VERTICAL SHAFT BUSH (D)             |      |
| 11      | 013761410 | 1    | トメネシ"5.95クホ"ミ   | SET SCREW 5.95                      |      |
| 12      | S01497001 | 1    | シタシ"ク           | LOWER SHAFT                         |      |
| 13      | 118762000 | 1    | シタシ"クメタルM       | LOWER SHAFT BUSH (M)                |      |
| 14      | 150473000 | 1    | シタシ"クメタルR       | LOWER SHAFT BUSH (R)                |      |
| 15      | 151607001 | 1    | トメネシ"4.37       | SET SCREW 4.37                      |      |
| 16      | 181995001 | 1    | セツトカラークミ        | SET COLLAR ASSEMBLY                 |      |
| 16-1    | 101706001 | 2    | トメネシ"6.35       | SET SCREW 6.35                      |      |
| 17      | 159793001 | 1    | コウソクカマB1        | ROTARY HOOK B1                      |      |
| 18      | 147337001 | 1    | ウチカマトメ          | BOBBIN CASE HOLDER POSITION BRACKET |      |
| 19      | 062681212 | 1    | ナヘ"コ437-40X12   | SCREW 437X12                        |      |
| 20      | 151845001 | 1    | ホ"ビ"ンケースクミ      | BOBBIN CASE ASSY                    |      |
| 20-1    | 181936001 | 1    | ホ"ビ"ンケースチヨウシハ"ネ | TENSION SPRING                      |      |
| 20-2    | 181937001 | 1    | チヨウシハ"ネチヨウセツネシ" | ADJUST SCREW                        |      |
| 20-3    | 181938001 | 1    | チヨウシハ"ネトメネシ"    | SET SCREW                           |      |
| 20-4    | 151844001 | 1    | クウチンホ"ウシハ"ネ     | BOBBIN TENSION SPRING               |      |
| 21      | S01587001 | 1    | ホ"ビ"ン           | BOBBIN                              |      |
| 23      | 103738001 | 1    | シール             | SEAL                                |      |
| 24      | S01498000 | 1    | シタシ"クメタルL       | LOWER SHAFT BUSH (L)                |      |
| 25      | 151603002 | 1    | トメネシ"4.37       | SET SCREW 4.37                      |      |

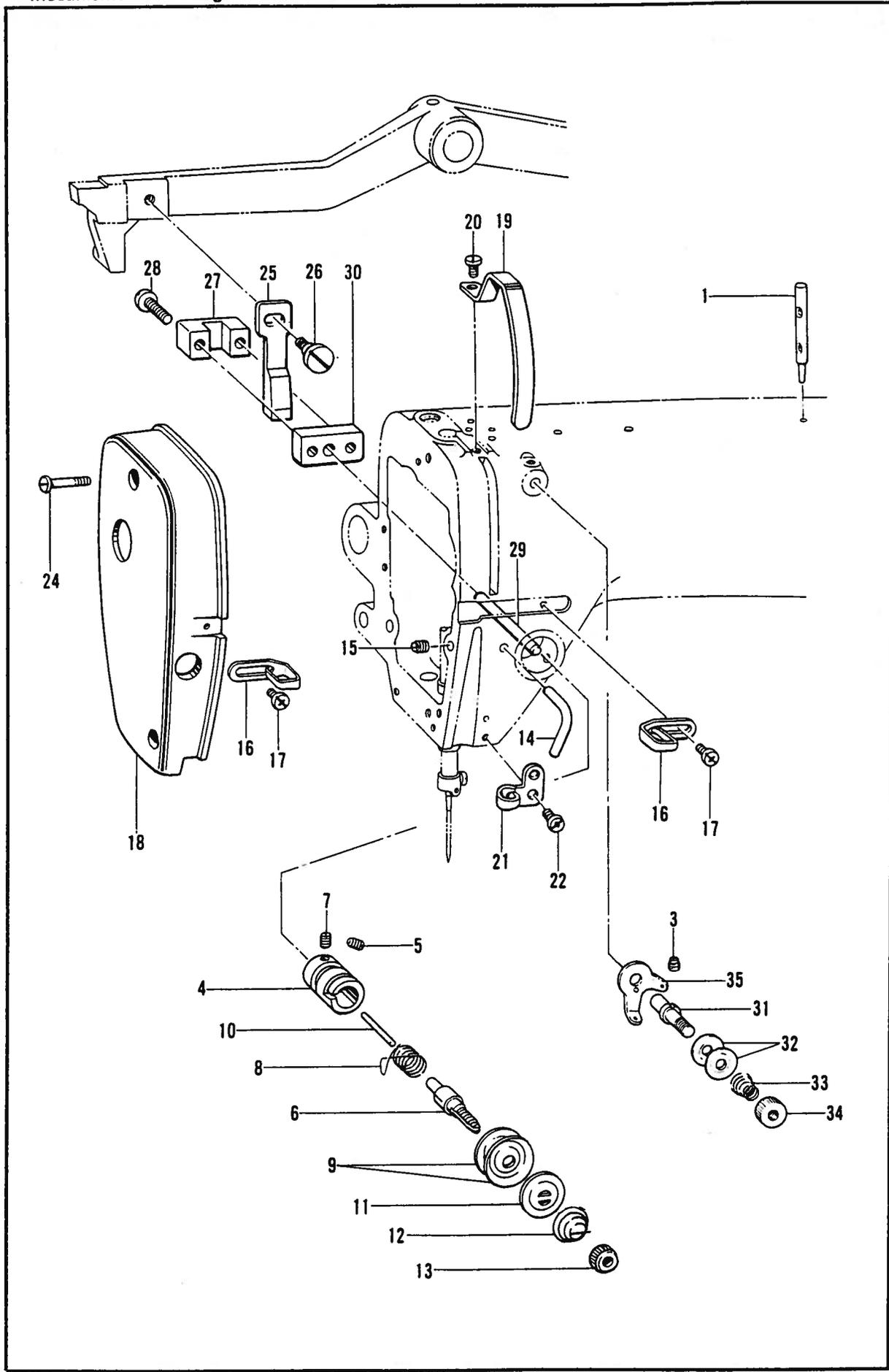
J. 給油潤滑関係 / Lubrication / Schmierung /  
Lubrification / Lubricación



J. 給油潤滑関係/Lubrication/Schmierung/  
Lubrification/Lubricación

| REF.NO. | CODE      | QTY | 品名           | NAME OF PARTS       | RMKS |
|---------|-----------|-----|--------------|---------------------|------|
| 1       | 140560001 | 1   | フェルト         | FELT                |      |
| 2       | 148918000 | 2   | フェルト8.5      | FELT 8.5            |      |
| 3       | 141744009 | 1   | オイルフタ        | OIL CAP             |      |
| 5       | 150474009 | 1   | カフタイト        | REAR PLATE          |      |
| 6       | 062670612 | 2   | ナハ"357-40X6  | SCREW 357X6         |      |
| 7       | 062670812 | 1   | ナハ"357-40X8  | SCREW 357X8         |      |
| 9       | 150475000 | 1   | ビニルチューブ      | VINYL TUBE          |      |
| 10      | 150476000 | 1   | クミヒモ6X6      | WICK 6X6            |      |
| 11      | 148806001 | 1   | チューブササエ      | TUBE HOLDER         |      |
| 12      | 062670612 | 1   | ナハ"357-40X6  | SCREW 357X6         |      |
| 13      | 150477001 | 1   | スライクオイルヒモササエ | WICK SUPPORTER      |      |
| 14      | 062670612 | 1   | ナハ"357-40X6  | SCREW 357X6         |      |
| 15      | S27846009 | 1   | -----        | OIL PAN ASSY        |      |
| 16      | 109714000 | 4   | -----        | NAIL                |      |
| 17      | 114486002 | 1   | -----        | OILER               |      |
| 18      | 115812002 | 1   | フェルト         | FELT                |      |
| 19      | 114255001 | 1   | キャップ         | CAP                 |      |
| 20      | 104451009 | 1   | メクラセン        | OIL CAP             |      |
| 21      | 104547001 | 1   | ユリヨウケイマト     | OIL GAUGE WINDOW    |      |
| 22      | 151074009 | 1   | ユリヨウケイフタ     | OIL GAUGE COVER     |      |
| 23      | 081014670 | 1   | OリングPW14     | O RING PW14         |      |
| 24      | 100257010 | 4   | シメネジ3.57     | SCREW 3.57          |      |
| 25      | 118768001 | 1   | クミヒモ(L=150)  | WICK (L=150)        |      |
| 26      | S01502000 | 1   | キユウパイプ       | OIL PIPE            |      |
| 27      | 100248001 | 1   | フェルト         | FELT                |      |
| 28      | 108805001 | 2   | クミヒモ6X6      | WICK                |      |
| 29      | 150815009 | 1   | メンイタキャップ     | FACE PLATE CAP      |      |
| 30      | 111865009 | 1   | オイルメクラセン     | OIL CAP             |      |
| 31      | 112735000 | 1   | クミヒモ(L=45)   | WICK (L=45)         |      |
| 32      | S14030000 | 1   | フェルト         | FELT                |      |
| 33      | S01503001 | 1   | オイルチヨウセツネジ   | OIL ADJUSTING SCREW |      |
| 34      | 145621001 | 1   | ソレノイト"オシハ"ネ  | SPRING              |      |
| <-100>  |           |     |              |                     |      |
| 35      | S01585009 | 1   | -----        | REAR PLATE (D)      |      |
| 36      | 062680712 | 4   | -----        | SCREW 437X7         |      |

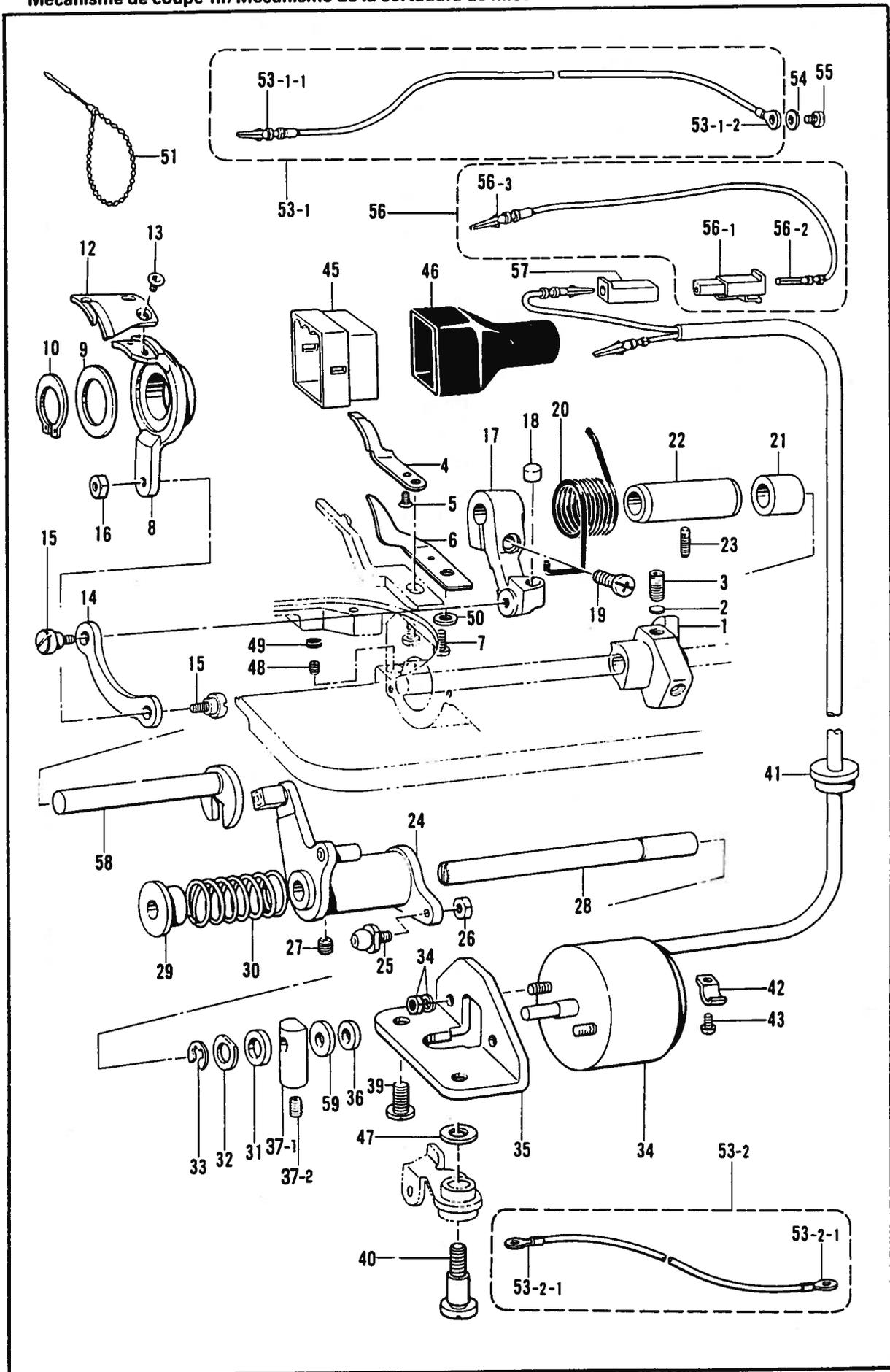
K. 糸通シ関係/Threading mechanism/Fadenführungsrichtung/  
 Mécanisme de l'enfilage/Mecanismo del enhebrado



K. 糸通シ関係/Threading mechanism/Fadenführungsrichtung/  
 Mécanisme de l'enfilage/Mecanismo del enhebrado

| REF.NO. | CODE      | QTY | ヒンメイ           | NAME OF PARTS                 | RMKS |
|---------|-----------|-----|----------------|-------------------------------|------|
| 1       | 147557101 | 1   | イトタテホウ         | SPOOL PIN                     |      |
| 3       | 151602002 | 1   | トメネシ"4.37      | SET SCREW 4.37                |      |
| 4       | 145250001 | 1   | イトチヨウシホ"ウタイ    | THREAD TENSION BRACKET        |      |
| 5       | 103950003 | 1   | トメネシ"5.95      | SET SCREW 5.95                |      |
| 6       | 100398001 | 1   | イトチヨウシホ"ウ      | TENSION STUD                  |      |
| 7       | 100402004 | 1   | トメネシ"3.57      | SET SCREW 3.57                |      |
| 8       | 148923001 | 1   | イトトリハ"ネ        | SPRING                        |      |
| 9       | 145446001 | 2   | イトチヨウシサラ       | TENSION DISC                  |      |
| 10      | S01499000 | 1   | イトユルメピン        | TENSION RELEASE PIN           |      |
| 11      | 159805001 | 1   | イトチヨウシサラオサイ    | TENSION DISC PRESSER          |      |
| 12      | 148924101 | 1   | イトチヨウシハ"ネ      | TENSION SPRING                |      |
| 13      | 100136001 | 1   | イトチヨウシナツト      | TENSION NUT                   |      |
| 14      | 116112001 | 1   | イトアンナイ         | THREAD GUIDE                  |      |
| 15      | 151602002 | 1   | トメネシ"4.37      | SET SCREW 4.37                |      |
| 16      | 147339001 | 2   | アームイトアンナイ      | ARM THREAD GUIDE              |      |
| 17      | 060670612 | 2   | ハ"イント"357-40X6 | SCREW 357X6                   |      |
| 18      | 159997009 | 1   | メンイタ           | FACE PLATE                    |      |
| 19      | 147338009 | 1   | テンビ"ンカハ"ー      | THREAD TAKE-UP COVER          |      |
| 20      | 062680712 | 1   | ナハ"コ437-40X7   | SCREW 437X7                   |      |
| 21      | S01501001 | 1   | イトカケ           | THREAD RETAINER               |      |
| 22      | 062670412 | 1   | ナハ"コ357-40X4   | SCREW 357X4                   |      |
| 24      | 118475002 | 2   | シメネシ"3.57      | SCREW 3.57                    |      |
| 25      | 150479001 | 1   | イトユルメ          | TENSION RELEASER              |      |
| 26      | 113730001 | 1   | ダ"ンネシ"4.37     | STUD SCREW 4.37               |      |
| 27      | 150480001 | 1   | イトユルメアンナイ      | TENSION RELEASER GUIDE        |      |
| 28      | 062671412 | 2   | ナハ"コ357-40X14  | SCREW 357X14                  |      |
| 29      | S01500001 | 1   | イトユルメアンナイシ"ク   | THREAD RELEASE GUIDE SHAFT    |      |
| 30      | S01588001 | 1   | イトユルメアンナイダ"イ   | TENSION RELEASE GUIDE BRACKET |      |
| 31      | 154559001 | 1   | イトアンナイチヨウシホ"ウ  | THREAD GUIDE CONTROL SHAFT    |      |
| 32      | 144504001 | 2   | イトアンナイサラ       | THREAD GUIDE DISC             |      |
| 33      | 154562001 | 1   | プレテンションハ"ネB    | PRE TENSION SPRING (B)        |      |
| 34      | 155510001 | 1   | イトチヨウシナツト      | TENSION NUT                   |      |
| 35      | 154563001 | 1   | イトアンナイ         | THREAD GUIDE                  |      |

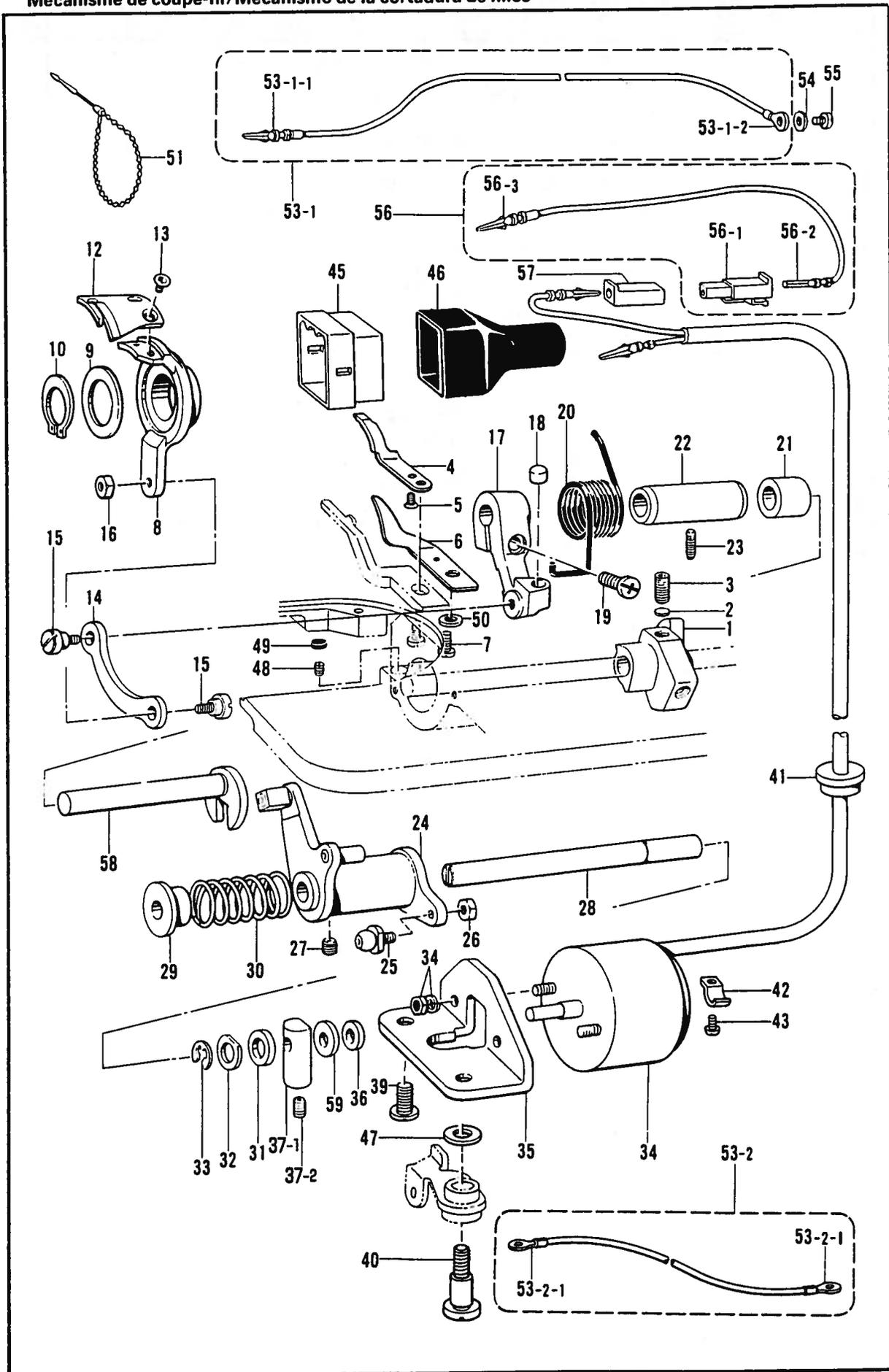
L. 糸切り関係/Thread trimmer mechanism/Fadenabschneidevorrichtung/  
 Mécanisme de coupe-fil/Mecanismo de la cortadura de hilos



L. 糸切り関係/Thread trimmer mechanism/Fadenabschneidevorrichtung/  
Mécánisme de coupe-fil/Mecanismo de la cortadura de hilos

| REF.NO.                 | CODE      | QTY | ヒンメイ   | NAME OF PARTS                   | RMKS |
|-------------------------|-----------|-----|--|---------------------------------|------|
| 1                       | S00337001 | 1   | イトキリカム   | THREAD TRIMMER CAM              |      |
| 2                       | 154567000 | 2   | カンサ <sup>5.3</sup>                               | WASHER 5.3                      |      |
| 3                       | 014771022 | 2   | アナトメネシ <sup>6.35</sup> クホ <sup>3</sup> ミ         | SET SCREW 6.35                  |      |
| 4                       | 154568101 | 1   | コテイハ   | FIXED KNIFE                     |      |
| 5                       | 102843004 | 1   | サラネシ <sup>3.57</sup>                             | SCREW 3.57                      |      |
| 6                       | 159797001 | 1   | イトサハ <sup>キ</sup>                                | LOWER THREAD FINGER             |      |
| 7                       | 062680712 | 1   | ナヘ <sup>3</sup> コ437-40X7                        | SCREW 437X7                     |      |
| 8                       | 159798001 | 1   | イトキリホルダ <sup>タ</sup>                             | MOVABLE KNIFE HOLDER            |      |
| 9                       | 156620000 | 1   | スラストサ <sup>ガ</sup> カ <sup>ネ</sup>                | THRUST WASHER                   |      |
| 10                      | 048180142 | 1   | トメワシ <sup>ク</sup> ヨウC18                          | STOP RING C18                   |      |
| 12                      | 159799001 | 1   | イト <sup>ウ</sup> ハ                                | MOVABLE KNIFE                   |      |
| 13                      | 148537001 | 2   | サラネシ <sup>4.37</sup>                             | SCREW 4.37                      |      |
| 14                      | 154576001 | 1   | イトキリレンカン   | THREAD TRIMMER CONNECTING ROD   |      |
| 15                      | 151987001 | 2   | タ <sup>ン</sup> ネシ <sup>4.37</sup>                | STUD SCREW 4.37                 |      |
| 16                      | 102571003 | 1   | ナツト <sup>4.37</sup>                              | NUT 4.37                        |      |
| 17                      | S01486001 | 1   | イトキリレハ <sup>ー</sup>                              | THREAD TRIMMING LEVER           |      |
| 18                      | S25437000 | 1   | レハ <sup>ー</sup> ストツハ <sup>ク</sup>                | THREAD TRIMMER LEVER STOPPER    |      |
| 19                      | 062711412 | 1   | ナヘ <sup>3</sup> コ4.76-32X14                      | SCREW 476X14                    |      |
| 20                      | 154579001 | 1   | イトキリレハ <sup>ー</sup> ハ <sup>ネ</sup>               | SPRING                          |      |
| 21                      | S02647001 | 1   | フタマタシ <sup>ク</sup>                               | FORKED SHAFT                    |      |
| 22                      | 154581001 | 1   | フタマタシ <sup>ク</sup> メタル                           | FORKED SHAFT BUSH               |      |
| 23                      | 151607001 | 1   | トメネシ <sup>4.37</sup>                             | SET SCREW 4.37                  |      |
| 24                      | 154582001 | 1   | イトキリカムレハ <sup>ー</sup> ク <sup>ミ</sup>             | THREAD TRIMMER CAM LEVER ASSY   |      |
| 25                      | 154590001 | 1   | コロシ <sup>ク</sup> ク <sup>ク</sup> ク <sup>ミ</sup>   | ROLLER SHAFT (C) ASSY           |      |
| 26                      | 105234003 | 1   | ナツト <sup>4.37</sup>                              | NUT 4.37                        |      |
| 27                      | 014770622 | 1   | アナトメネシ <sup>6.35</sup> クホ <sup>3</sup> ミ         | SET SCREW 6.35                  |      |
| 28                      | 154593001 | 1   | イトキリカムレハ <sup>ー</sup> シ <sup>ク</sup>             | THREAD TRIMMER CAM LEVER SHAFT  |      |
| 29                      | 154594000 | 1   | カラ <sup>ー</sup>                                  | COLLAR                          |      |
| 30                      | 154595001 | 1   | カムレハ <sup>ー</sup> モト <sup>シ</sup> ハ <sup>ネ</sup> | SPRING                          |      |
| 31                      | 154596000 | 1   | イトキリカムレハ <sup>ー</sup> クツシヨ <sup>ン</sup>          | CUSHION                         |      |
| 32                      | 110367001 | 1   | サ <sup>ガ</sup> カ <sup>ネ</sup>                    | WASHER                          |      |
| 33                      | 048060342 | 1   | トメワE6  | STOP RING E6                    |      |
| 34                      | *         | 1   | イトキリソレノイ <sup>ト</sup>                            | THREAD TRIMMER SOLENOID         |      |
| 35                      | 154598001 | 1   | イトキリソレノイ <sup>ト</sup> タ <sup>イ</sup>             | THREAD TRIMMER SOLENOID BRACKET |      |
| 36                      | 154599000 | 1   | ソレノイ <sup>ト</sup> クツシヨ <sup>ン</sup>              | SOLENOID CUSHION                |      |
| 37                      | S23836001 | 1   | ソレノイ <sup>ト</sup> レハ <sup>ー</sup> ク <sup>ミ</sup> | SOLENOID LEVER ASSY             |      |
| 37-1                    | S02654001 | 1   | ソレノイ <sup>ト</sup> レハ <sup>ー</sup>                | SOLENOID LEVER                  |      |
| 37-2                    | 014680622 | 1   | アナトメネシ <sup>4.37</sup> クホ <sup>3</sup> ミ         | SET SCREW 4.37                  |      |
| 39                      | 110201001 | 1   | シメネシ <sup>6.35</sup>                             | SCREW 6.35                      |      |
| 40                      | 155558001 | 1   | タ <sup>ン</sup> ネシ <sup>6.35</sup>                | STUD SCREW 6.35                 |      |
| 41                      | 146080009 | 1   | コート <sup>ブ</sup> シ <sup>ユ</sup>                  | CORD BUSH                       |      |
| 42                      | 140647001 | 1   | コート <sup>オ</sup> サ <sup>エ</sup>                  | CORD HOLDER                     |      |
| 43                      | 062670612 | 1   | ナヘ <sup>3</sup> コ357-40X6                        | SCREW 357X6                     |      |
| 45                      | *         | 1   | ナイロンコネクタ12P                                      | NYLON CONNECTOR 12P             |      |
| 47                      | 155559001 | 1   | ヒラサ <sup>ガ</sup> カ <sup>ネ</sup>                  | PLAIN WASHER                    |      |
| 48                      | 013670712 | 1   | トメネシ <sup>3.57</sup> クホ <sup>3</sup> ミ           | SET SCREW 3.57                  |      |
| 49                      | 155578000 | 1   | ゴ <sup>ム</sup> セ <sup>ン</sup>                    | OIL CAP                         |      |
| 50                      | 100645003 | 1   | サ <sup>ガ</sup> カ <sup>ネ</sup>                    | WASHER                          |      |
| 51                      | 340400001 | 1   | ユニタイハ <sup>ント</sup>                              | BEAD BAND                       |      |
| 54                      | S02745001 | 1   | サ <sup>ガ</sup> カ <sup>ネ</sup>                    | WASHER                          |      |
| 55                      | 062680663 | 1   | ナヘ <sup>3</sup> コ437-40X6                        | SCREW 437X6                     |      |
| 58                      | S02648001 | 1   | カラ <sup>ー</sup>                                  | COLLAR                          |      |
| 59                      | S02652001 | 1   | サ <sup>ガ</sup> カ <sup>ネ</sup>                    | WASHER                          |      |
| <-100>                  |           |     |  |                                 |      |
| 46                      | 153970001 | 1   | -----  | CONNECTOR CAP 3                 |      |
| <-300>                  |           |     |  |                                 |      |
| 46                      | 153971001 | 1   | コネクタキャツプ5  | CONNECTOR CAP 5                 |      |
| <D.C. モーター /D.C. MOTOR> |           |     |  |                                 |      |
| 53-1                    | S02682001 | 1   | アースセンク <sup>ミ</sup>                              | EARTH WIRE ASSY                 |      |
| 53-1-1                  | S03328000 | 1   | ピンターミナルオスL                                       | TERMINAL PIN (L)(MALE)          |      |
| 53-1-2                  | 204569001 | 1   | アツタンシ4.5X14                                      | TERMINAL 4.5X14                 |      |
| 56                      | S11210000 | 1   | Wコート <sup>ス</sup> ク <sup>ミ</sup>                 | W-CORD (S) ASSY                 |      |

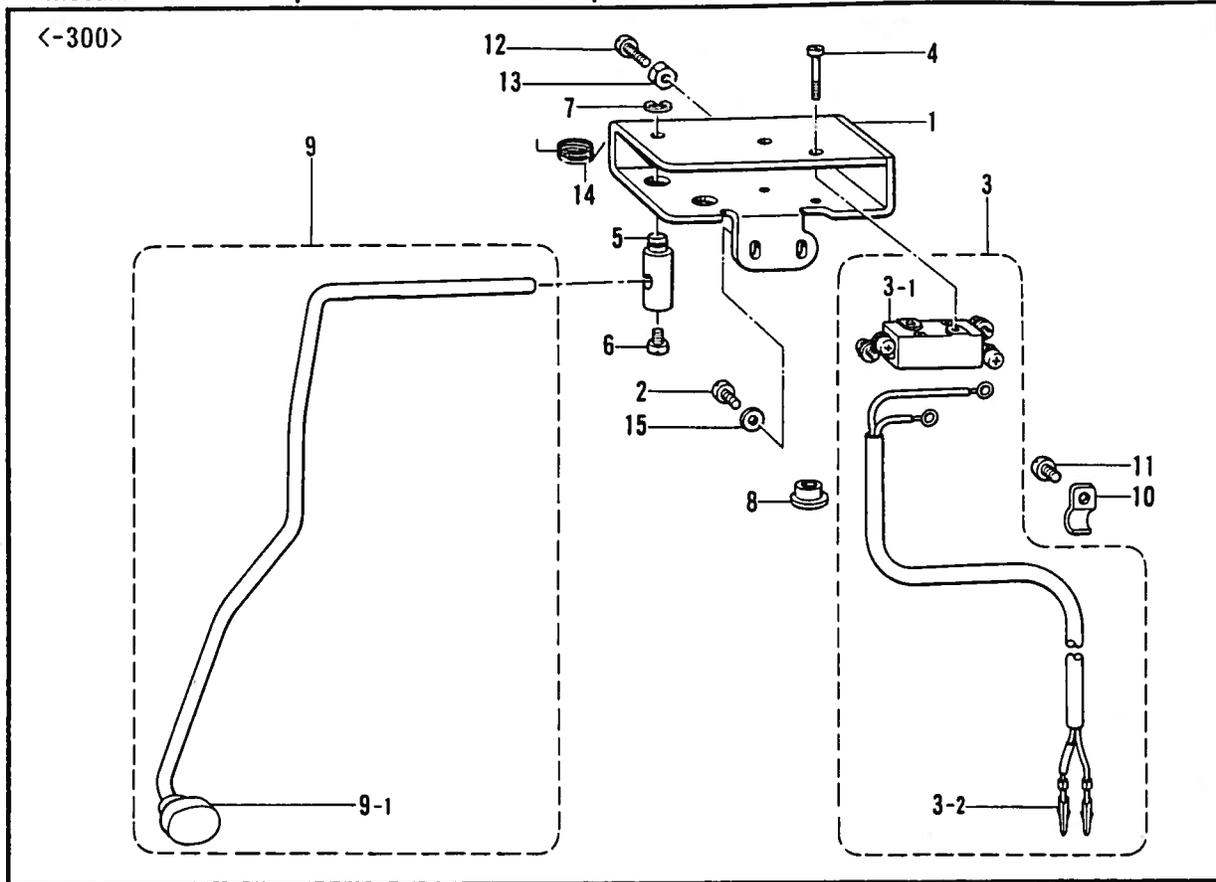
L. 糸切り関係/Thread trimmer mechanism/Fadenabschneidevorrichtung/  
 Mécanisme de coupe-fil/Mecanismo de la cortadura de hilos



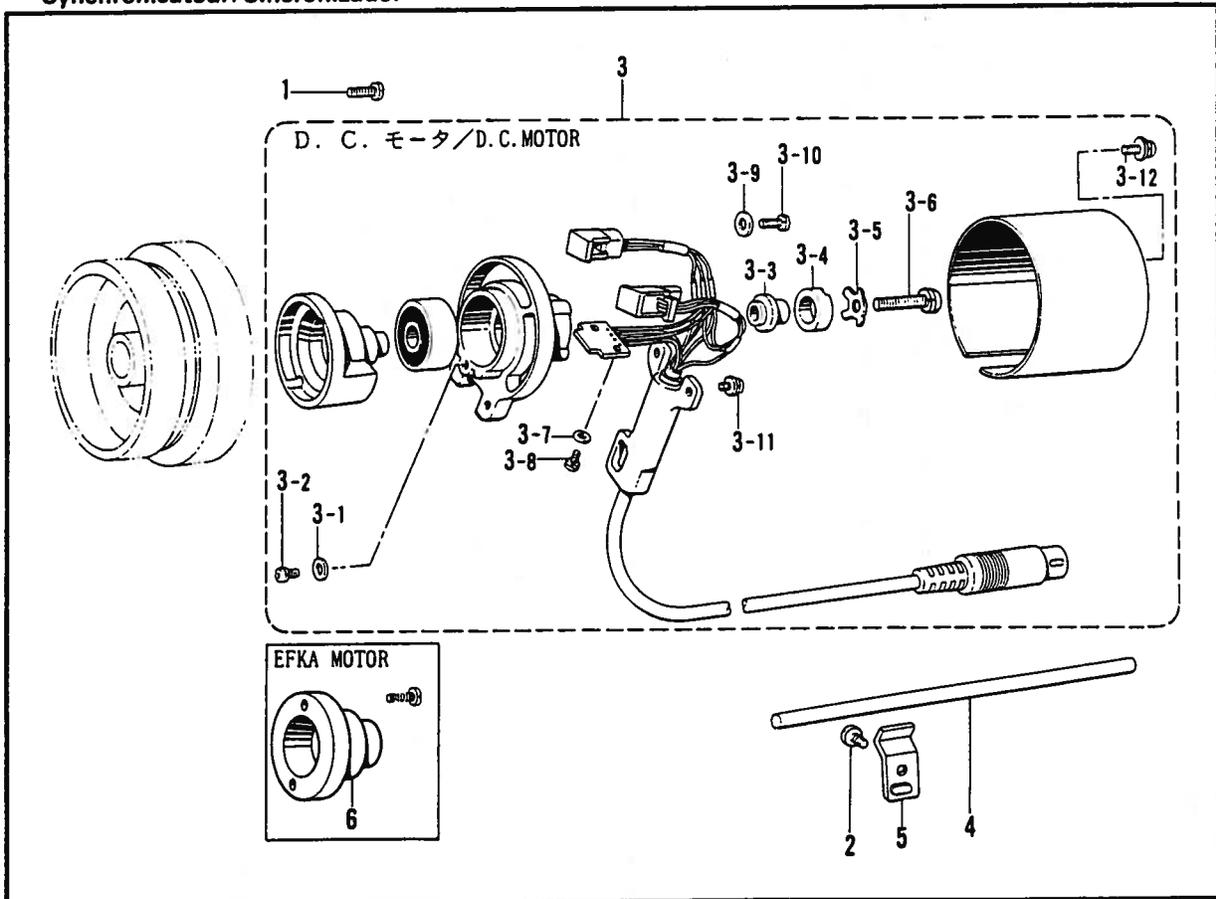
L. 糸切り関係/Thread trimmer mechanism/Fadenabschneidevorrichtung/  
 Mécanisme de coupe-fil/Mecanismo de la cortadura de hilos

| REF.NO.      | CODE      | QTY | 品名            | NAME OF PARTS         | RMKS |
|--------------|-----------|-----|---------------|-----------------------|------|
| 56-1         | S11684000 | 1   | コネクタ3191-01R1 | CONNECTER 3191-01R1   |      |
| 56-2         | 143548000 | 1   | ピンターミナルメス     | TERMINAL PIN (FEMALE) |      |
| 56-3         | 143549000 | 1   | ピンターミナルオス     | TERMINAL PIN (MALE)   |      |
| 57           | S11683000 | 1   | コネクタ3191-01P1 | CONNECTER 3191-01P1   |      |
| <EFKA MOTOR> |           |     |               |                       |      |
| 53-2         | S06004001 | 1   | -----         | EARTH WIRE ASSY       |      |
| 53-2-1       | 204569001 | 2   | -----         | TERMINAL 4.5X14       |      |

M. 逆転スイッチ関係/Quick reverse switch mechanism/Umkehrschalter/  
 Mécanisme de interrupteur de marche arrière rapide/Mecanismo del conmutador de inversión rápida



N. 針位置検出器関係/Synchronizer/Synchronisator/  
 Synchronisateur/Sincronizador



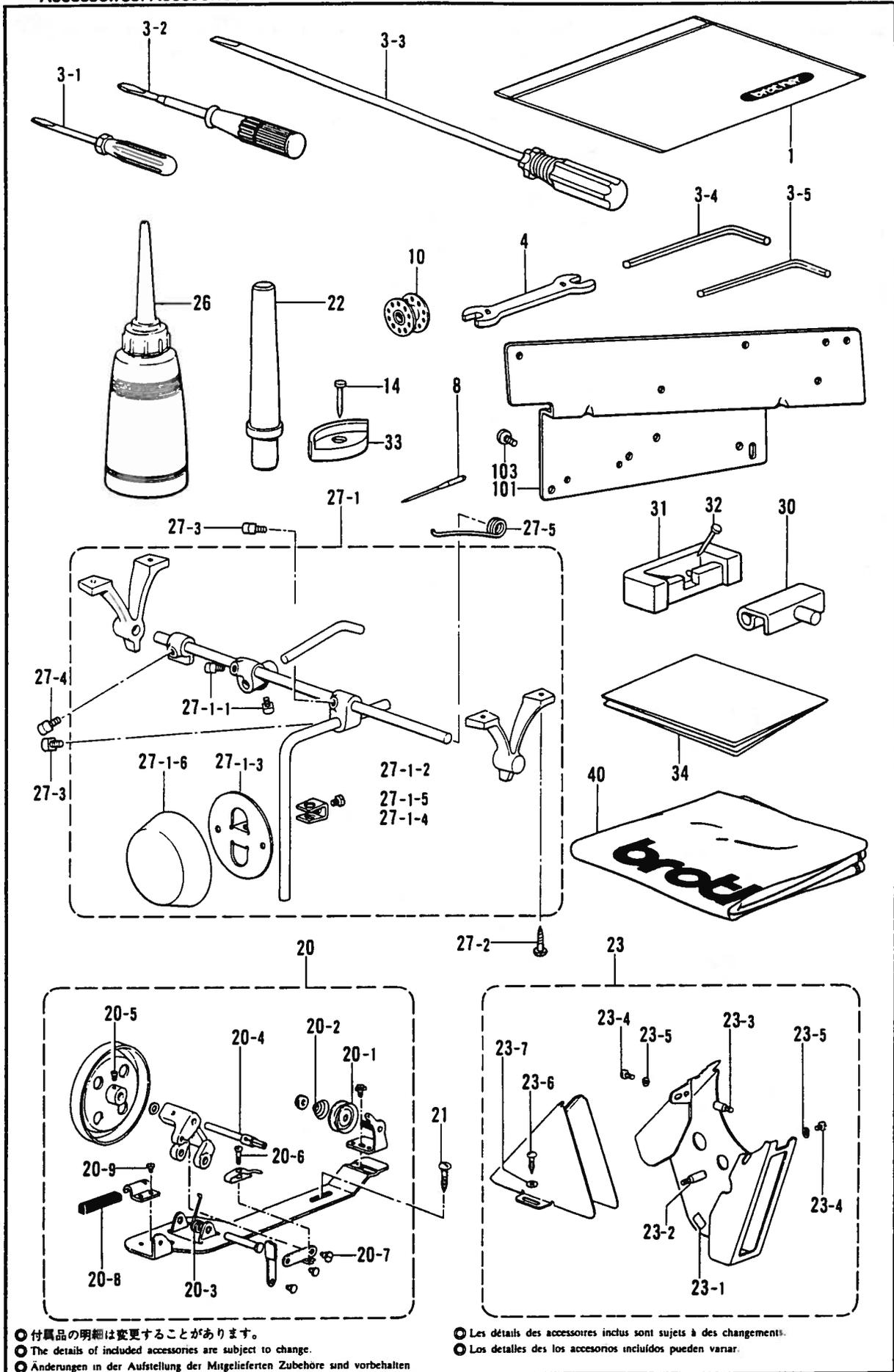
M. 逆転スイッチ関係/Quick reverse switch mechanism/Umkehrschalter/  
 Mécanisme de interrupteur de marche arrière rapide/Mecanismo del conmutador de inversión rápida

| REF.NO. | CODE      | Q'TY | ヒンメイ         | NAME OF PARTS       | RMKS |
|---------|-----------|------|--------------|---------------------|------|
| <-300>  |           |      |              |                     |      |
| 1       | 156997009 | 1    | マイクロスイッチタイ   | MICRO SWITCH BASE   |      |
| 2       | 062670812 | 2    | ナヘコ357-40X8  | SCREW 357X8         |      |
| 3       | *         | 1    | Rスイッチクミ      | REVERSE SWITCH ASSY |      |
| 3-1     | 140643000 | 1    | マイクロスイッチ     | MICRO SWITCH        |      |
| 3-2     | *         | 2    | ピンターミナルオス    | TERMINAL PIN (MALE) |      |
| 4       | 146124001 | 2    | シメネシ2.38     | SCREW 2.38          |      |
| 5       | 156998001 | 1    | アクチュエーターシャク  | ACTUATOR SHAFT      |      |
| 6       | 062681012 | 1    | ナヘコ437-40X10 | SCREW 437X10        |      |
| 7       | 048040342 | 1    | トメフE4        | STOP RING E4        |      |
| 8       | 146080009 | 1    | コートブシユ       | CORD BUSH           |      |
| 9       | S01511009 | 1    | アクチュエータークミ   | ACTUATOR ASSY       |      |
| 9-1     | 156479009 | 1    | オシホタン        | PUSH BUTTON         |      |
| 10      | 140647001 | 3    | コートオサエ       | CORD HOLDER         |      |
| 11      | 062670612 | 3    | ナヘコ357-40X6  | SCREW 357X6         |      |
| 12      | 062681412 | 1    | ナヘコ437-40X14 | SCREW 437X14        |      |
| 13      | 102571003 | 1    | ナツト4.37      | NUT 4.37            |      |
| 14      | 157999001 | 1    | ハーモトシハネ      | SPRING              |      |
| 15      | 025350332 | 2    | ヒラサガネタイ3.5   | PLAIN WASHER 3.5    |      |

N. 針位置検出器関係/Synchronizer/Synchronisator/  
 Synchronisateur/Sincronizador

| REF.NO.                | CODE      | Q'TY | ヒンメイ           | NAME OF PARTS           | RMKS |
|------------------------|-----------|------|----------------|-------------------------|------|
| 1                      | 062711412 | 2    | ナヘコ4.76-32X14  | SCREW 476X14            |      |
| 2                      | 110201001 | 1    | シメネシ6.35       | SCREW 6.35              |      |
| 4                      | 218944001 | 1    | シンクロナイザホルダー#2  | SYNCHRONIZER HOLDER BAR |      |
| 5                      | 216332001 | 1    | ホルダー           | HOLDER                  |      |
| <D.C. モータ /D.C. MOTOR> |           |      |                |                         |      |
| 3                      | 238021001 | 1    | シンクロナイザクミ#12G2 | SYNCHRONIZER ASSY #12G2 |      |
| 3-1                    | 025030335 | 1    | ヒラサガネタイ3       | PLAIN WASHER 3          |      |
| 3-2                    | 215083001 | 1    | +ナヘセット3X6D     | WASHER SCREW 3X6D       |      |
| 3-3                    | 219557000 | 1    | ジシヤクトリツケタイ     | MAGNET FIXED BRACKET    |      |
| 3-4                    | 219558000 | 1    | ジシヤク12X18.7X6  | MAGNET (12X18.7X6)      |      |
| 3-5                    | 219559001 | 1    | ジシヤクオサエイタ      | MAGNET HOLDER PLATE     |      |
| 3-6                    | 221421001 | 1    | +ナヘセット6X25D    | SCREW 6X25D             |      |
| 3-7                    | 025030135 | 2    | ヒラサガネシヨウ3      | PLAIN WASHER 3          |      |
| 3-8                    | 215083001 | 2    | +ナヘセット3X6D     | WASHER SCREW 3X6D       |      |
| 3-9                    | 025040335 | 2    | ヒラサガネタイ4       | PLAIN WASHER 4          |      |
| 3-10                   | 217093001 | 2    | +ナヘセット4X12D    | WASHER SCREW 4X12D      |      |
| 3-11                   | 215082001 | 2    | +ナヘセット4X12DA   | WASHER SCREW 4X12DA     |      |
| 3-12                   | 224508001 | 2    | +ナヘセット4X10DC   | WASHER SCREW 4X10DC     |      |
| <EFKA MOTOR>           |           |      |                |                         |      |
| 6                      | 148825001 | 1    | -----          | SLIP RING JOINT         |      |

Z1. 付属品関係 / Accessories / Zubehör / Accessoires / Accesorios



① 付属品の明細は変更することがあります。  
 ② The details of included accessories are subject to change.  
 ③ Änderungen in der Aufstellung der Mitgelieferten Zubehöre sind vorbehalten

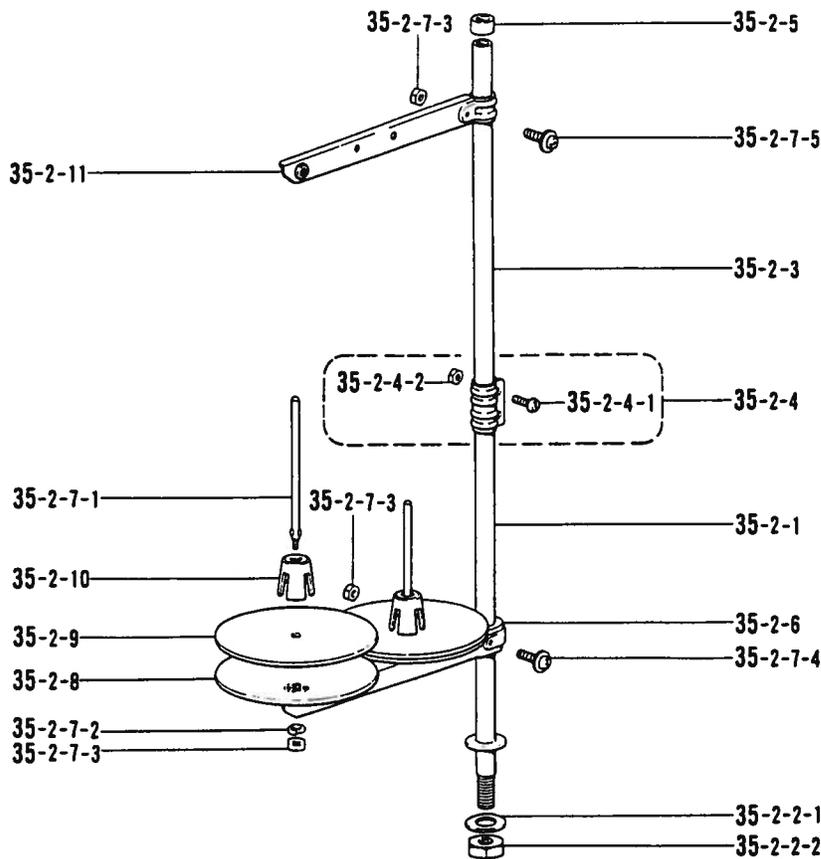
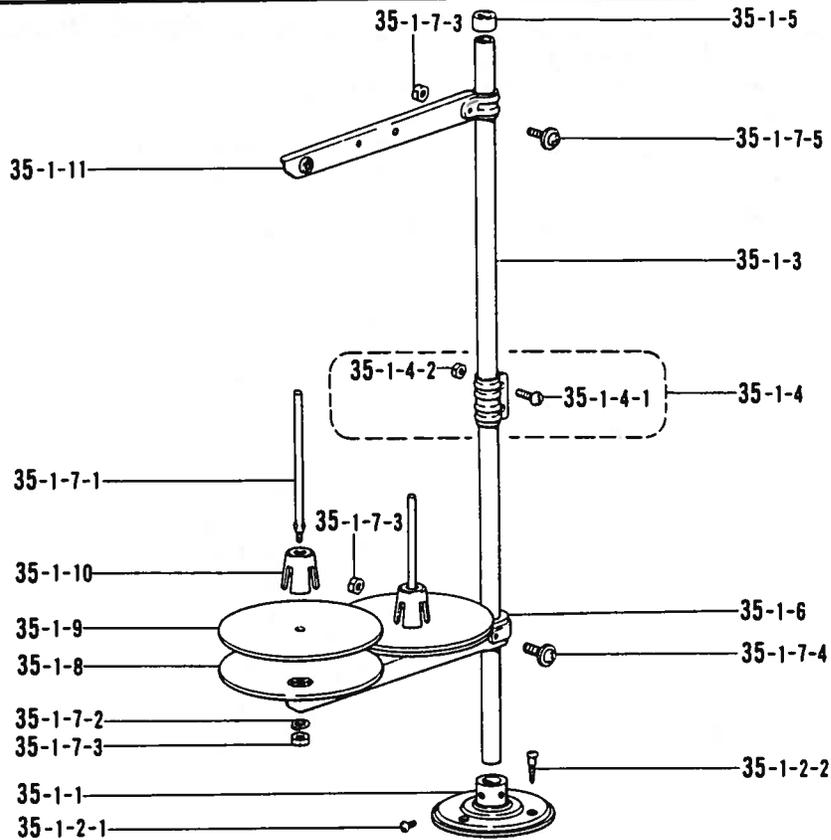
① Les détails des accessoires inclus sont sujets à des changements.  
 ② Los detalles de los accesorios incluidos pueden variar.

Z1. 付属品関係/Accessories/Zubehör/  
Accessoires/Accessorios

| REF.NO.                   | CODE      | Q'TY | 品名              | NAME OF PARTS               | RMKS |
|---------------------------|-----------|------|-----------------|-----------------------------|------|
| 1                         | 122991001 | 1    | フジックヒンボリフクロ     | ACCESSORY BAG               |      |
| 3-1                       | 142443001 | 1    | ネジマワシ1.9X52     | SCREW DRIVER 1.9X52         |      |
| 3-2                       | 118837001 | 1    | ネジマワシ3.4X70     | SCREW DRIVER 3.4X70         |      |
| 3-3                       | S17774001 | 1    | ネジマワシ4.7X250    | SCREW DRIVER 4.7X250        |      |
| 3-4                       | 146049001 | 1    | 6カクホウスハナ2       | HEXAGONAL WRENCH 2          |      |
| 3-5                       | 142721001 | 1    | 6カクホウスハナ3       | -----                       |      |
| 4                         | 100887001 | 1    | スハナ8X9          | SPANNER 8X9                 |      |
| 8                         | 145646023 | 4    | ミシンハリDPX17(#23) | NEEDLE DPX17 (#23)          |      |
| 10                        | S01587001 | 3    | ボビン             | BOBBIN                      |      |
| 20                        | 117963110 | 1    | イトマキキクミ         | BOBBIN WINDER ASSY          |      |
| 20-1                      | 145446001 | 2    | イトチヨウシサラ        | TENSION DISC                |      |
| 20-2                      | 100401001 | 1    | イトチヨウシハネ        | TENSION SPRING              |      |
| 20-3                      | 117969001 | 1    | イトマキジクウケカエリハネ   | SPRING                      |      |
| 20-4                      | 117970001 | 1    | イトマキジク          | BOBBIN WINDER SHAFT         |      |
| 20-5                      | 100366002 | 1    | マルヒラトメネジ4.37X5  | SET SCREW 4.37X5            |      |
| 20-6                      | 100657001 | 1    | シメネジ3.18        | SCREW 3.18                  |      |
| 20-7                      | 100659001 | 1    | タムネジ3.18        | STUD SCREW 3.18             |      |
| 20-8                      | 100662001 | 1    | イトマキクルマカイトントメ   | BOBBIN WINDER WHEEL STOPPER |      |
| 20-9                      | S01297001 | 1    | シメネジ3.57X3.5    | SCREW 3.57X3.5              |      |
| 21                        | 100666002 | 2    | マルモクネジ5.5X20    | SCREW 5.5X20                |      |
| 22                        | 100477009 | 1    | マクラ             | HEAD REST                   |      |
| 23                        | S06117109 | 1    | ベルトカバークミE       | BELT COVER ASSY (E)         |      |
| 23-1                      | 146289001 | 1    | クッション7X12       | CUSHION 7X12                |      |
| 23-2                      | 147855002 | 1    | ベルトカバースタットA     | BELT COVER STUD (A)         |      |
| 23-3                      | 147856001 | 1    | ベルトカバースタットB     | BELT COVER STUD (B)         |      |
| 23-4                      | 062680812 | 2    | ナヘコ437-40X8     | SCREW 437X8                 |      |
| 23-5                      | 028680242 | 2    | ハネサカネ2-4.37     | SPRING WASHER 2-4.37        |      |
| 23-6                      | 100666002 | 2    | マルモクネジ5.5X20    | SCREW 5.5X20                |      |
| 23-7                      | 025750132 | 2    | ヒラサカネシヨウ5.56    | PLAIN WASHER 5.56           |      |
| 26                        | 114483002 | 1    | ボリオイルークミ        | OILER ASSEMBLY              |      |
| 27                        | 110845109 | 1    | -----           | KNEE LIFTER SEVICE          |      |
| 27-1                      | 180815201 | 1    | -----           | KNEE LIFTER ASSY            |      |
| 27-1-1                    | 100463001 | 2    | -----           | BOLT 7.94                   |      |
| 27-1-2                    | 104619002 | 1    | -----           | KNEE LIFTER BAR             |      |
| 27-1-3                    | 114966001 | 1    | -----           | KNEE LIFTER PLATE           |      |
| 27-1-4                    | 114967001 | 1    | -----           | KNEE LIFTER PLATE STOPPER   |      |
| 27-1-5                    | 110087001 | 1    | -----           | BOLT 5.95                   |      |
| 27-1-6                    | 140503001 | 1    | -----           | KNEE LIFTER PLATE COVER     |      |
| 27-2                      | 031512000 | 4    | -----           | SCREW 5.1X20                |      |
| 27-3                      | 100463001 | 2    | -----           | BOLT 7.94                   |      |
| 27-4                      | 100463001 | 1    | -----           | BOLT 7.94                   |      |
| 27-5                      | 145722101 | 1    | -----           | SPRING                      |      |
| 30                        | 143882001 | 2    | トウフヒンジ          | HEAD HINGE                  |      |
| 31                        | 143910009 | 2    | トウフヒンジウケゴム      | RUBBER CUSHION              |      |
| 32                        | 109714000 | 8    | クキ              | NAIL                        |      |
| 33                        | 148890109 | 4    | トウフシキゴム         | HEAD CUSHION                |      |
| 34                        | 149994001 | 1    | テーブルアナカコウス      | TABLE SHEET                 |      |
| 40                        | 144222001 | 1    | -----           | HEAD COVER                  |      |
| <b>&lt;D.C. MOTOR&gt;</b> |           |      |                 |                             |      |
| 101                       | 233088002 | 1    | -----           | HINGE SETTING PLATE (#1)    |      |
| 103                       | 060671212 | 2    | -----           | SCREW 357X12                |      |

Z2. 付属品関係/Accessories/Zubehör/  
Accessoires/Accesorios

OPTION PARTS



○ 付属品の明細は変更することがあります。  
○ The details of included accessories are subject to change.  
○ Änderungen in der Aufstellung der Mitgelieferten Zubehöre sind vorbehalten.

○ Les détails des accessoires inclus sont sujets à des changements  
○ Los detalles de los accesorios incluidos pueden variar.

22. 付属品関係/Accessories/Zubehör/  
Accessoires/Accessorios

| REF.NO.        | CODE      | QTY | ヒンメイ  | NAME OF PARTS               | RMKS |
|----------------|-----------|-----|-------|-----------------------------|------|
| <OPTION PARTS> |           |     |       |                             |      |
| 35-1           | S02761109 | 1   | ----- | COTTON STAND ASSY           |      |
| 35-1-1         | 150189109 | 1   | ----- | COTTON STAND BASE           |      |
| 35-1-2         | S02773001 | 1   | ----- | COTTON STAND BASE SCREW SET |      |
| 35-1-2-1       | 062060806 | 2   | ----- | SCREW 6X8                   |      |
| 35-1-2-2       | 031452206 | 3   | ----- | SCREW 45X22                 |      |
| 35-1-3         | 150172003 | 2   | ----- | COLUMN PIPE                 |      |
| 35-1-4         | 150106003 | 1   | ----- | COLUMN JOINT ASSY           |      |
| 35-1-4-1       | 062501406 | 2   | ----- | SCREW 5X14                  |      |
| 35-1-4-2       | 021500106 | 2   | ----- | NUT 5                       |      |
| 35-1-5         | 150174000 | 1   | ----- | COLUMN CAP                  |      |
| 35-1-6         | S02778002 | 1   | ----- | SPOOL HOLDER 2              |      |
| 35-1-7         | S02780001 | 1   | ----- | SPOOL SCREW SET 2           |      |
| 35-1-7-1       | 150179002 | 2   | ----- | SPOOL SHAFT (B)             |      |
| 35-1-7-2       | 028050246 | 2   | ----- | SPRING WASHER 2-5           |      |
| 35-1-7-3       | 021500106 | 4   | ----- | NUT 5                       |      |
| 35-1-7-4       | 050503006 | 1   | ----- | WASHER SCREW 5X30           |      |
| 35-1-7-5       | 050501406 | 1   | ----- | WASHER SCREW 5X14           |      |
| 35-1-8         | 150180001 | 2   | ----- | SPOOL STAND BASE            |      |
| 35-1-9         | 150182000 | 2   | ----- | SPOOL MAT                   |      |
| 35-1-10        | 126863001 | 2   | ----- | SPOOL CUSHION               |      |
| 35-1-11        | S02786002 | 1   | ----- | THREAD HANGER ASSY 2        |      |
| 35-2           | S02762009 | 1   | ----- | COTTON STAND ASSY 2D        |      |
| 35-2-1         | 156112003 | 1   | ----- | COLUMN PIPE (D)             |      |
| 35-2-2         | S02775001 | 1   | ----- | PIPE SCREW SET (A)          |      |
| 35-2-2-1       | 150206002 | 1   | ----- | PLAIN WASHER 16             |      |
| 35-2-2-2       | 150191002 | 1   | ----- | NUT 5/8                     |      |
| 35-2-3         | 150172003 | 1   | ----- | COLUMN PIPE                 |      |
| 35-2-4         | 150106003 | 1   | ----- | COLUMN JOINT ASSY           |      |
| 35-2-4-1       | 062501406 | 2   | ----- | SCREW 5X14                  |      |
| 35-2-4-2       | 021500106 | 2   | ----- | NUT 5                       |      |
| 35-2-5         | 150174000 | 1   | ----- | COLUMN CAP                  |      |
| 35-2-6         | S02778002 | 1   | ----- | SPOOL HOLDER 2              |      |
| 35-2-7         | S02780001 | 1   | ----- | SPOOL SCREW SET 2           |      |
| 35-2-7-1       | 150179002 | 2   | ----- | SPOOL SHAFT (B)             |      |
| 35-2-7-2       | 028050246 | 2   | ----- | SPRING WASHER 2-5           |      |
| 35-2-7-3       | 021500106 | 4   | ----- | NUT 5                       |      |
| 35-2-7-4       | 050503006 | 1   | ----- | WASHER SCREW 5X30           |      |
| 35-2-7-5       | 050501406 | 1   | ----- | WASHER SCREW 5X14           |      |
| 35-2-8         | 150180001 | 2   | ----- | SPOOL STAND BASE            |      |
| 35-2-9         | 150182000 | 2   | ----- | SPOOL MAT                   |      |
| 35-2-10        | 126863001 | 2   | ----- | SPOOL CUSHION               |      |
| 35-2-11        | S02786002 | 1   | ----- | THREAD HANGER ASSY 2        |      |



◎標準ゲージ/Standard Gauge

| 針板<br>Needle Plate |            | 送り歯<br>Feed Dog |  | 標準押え<br>Standard Feet |                     |
|--------------------|------------|-----------------|--|-----------------------|---------------------|
|                    |            |                 |  | 送り足<br>Walking Foot   | 押え足<br>Presser Foot |
|                    |            |                 |  |                       |                     |
| C26                | 147322-101 | S01489-001      |  | 150454-101            | S01484-101          |

◎オプションゲージ/Option Gauge

| パイピング用押え<br>Feet for Piping |                     | 小物縫い用押え<br>Narrow type feet for small parts |                     | リバース押え<br>Reverse Feet |                     |
|-----------------------------|---------------------|---|---------------------|------------------------|---------------------|
| 送り足<br>Walking Foot         | 押え足<br>Presser Foot | 送り足<br>Walking Foot                         | 押え足<br>Presser Foot | 送り足<br>Walking Foot    | 押え足<br>Presser Foot |
|                             |                     |   |                     |                        |                     |
| 151847-001                  | 1/4" (6.4mm)        | 151851-001                                  | 151852-001          | S04501-001             | S04502-001          |
| 151848-001                  | 5/16" (7.9mm)       |   |                     |                        |                     |
| 151849-001                  | 3/8" (9.5mm)        |   |                     |                        |                     |

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|           | Z2 - 35-2-10 | 32   |
| 129458102 | F - 21-5     | 8    |
| 129500010 | F - 21-2     | 8    |
| 132051001 | C - 12-1     | 4    |
| 140004001 | C - 12-2     | 4    |
| 140378001 | H - 1        | 16   |
| 140384001 | H - 3        | 16   |
| 140503001 | Z1 - 27-1-6  | 28   |
| 140553102 | C - 22       | 4    |
| 140560001 | J - 1        | 18   |
| 140643000 | M - 3-1      | 26   |
| 140647001 | B - 11       | 2    |
|           | L - 42       | 22   |
|           | M - 10       | 26   |
| 141099001 | D - 5        | 6    |
| 141744009 | J - 3        | 18   |
| 141748001 | F - 59       | 10   |
| 142443001 | Z1 - 3-1     | 28   |
| 142481001 | D - 14       | 6    |
| 142721001 | Z1 - 3-5     | 28   |
| 142746002 | F - 21-4     | 8    |
| 143548000 | L - 56-2     | 24   |
| 143549000 | E - 5-2      | 6    |
|           | L - 56-3     | 24   |
|           | M - 3-2      | 26   |
| 143882001 | Z1 - 30      | 28   |
| 143910009 | Z1 - 31      | 28   |
| 144222001 | Z1 - 40      | 28   |
| 144504001 | K - 32       | 20   |
| 144523001 | D - 19       | 6    |
| 144551001 | C - 1        | 4    |
| 144552000 | C - 2        | 4    |
| 144560001 | D - 21-3     | 6    |
| 144712001 | F - 35-1     | 8    |
| 145250001 | K - 4        | 20   |
| 145446001 | K - 9        | 20   |
|           | Z1 - 20-1    | 28   |
| 145502001 | F - 24       | 8    |
| 145621001 | J - 34       | 18   |
| 145646023 | C - 25       | 4    |
|           | Z1 - 8       | 28   |
| 145722101 | Z1 - 27-5    | 28   |
| 146049001 | Z1 - 3-4     | 28   |
| 146080009 | L - 41       | 22   |
|           | M - 8        | 26   |
| 146121009 | M - 3        | 26   |
| 146124001 | M - 4        | 26   |
| 146141001 | F - 12       | 8    |
| 146289001 | Z1 - 23-1    | 28   |

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| 147322001 | C - 26        | 4    |
| 147337001 | H - 18        | 16   |
| 147338009 | K - 19        | 20   |
| 147339001 | K - 16        | 20   |
| 147503009 | F - 15-2      | 10   |
| 147557101 | K - 1         | 20   |
| 147767001 | F - 30        | 8    |
| 147846002 | D - 27        | 6    |
| 147855002 | Z1 - 23-2     | 28   |
| 147856001 | Z1 - 23-3     | 28   |
| 148537001 | L - 13        | 22   |
| 148608101 | F - 55        | 8    |
| 148806001 | J - 11        | 18   |
| 148823009 | C - 29        | 4    |
| 148825001 | N - 6         | 26   |
| 148890109 | Z1 - 33       | 28   |
| 148897100 | C - 6         | 4    |
| 148913000 | H - 8         | 16   |
| 148914000 | H - 10        | 16   |
| 148918000 | J - 2         | 18   |
| 148923001 | K - 8         | 20   |
| 148924101 | K - 12        | 20   |
| 149091001 | F - 56        | 8    |
| 149135101 | B - 9         | 2    |
| 149204001 | F - 6         | 8    |
|           | G - 7         | 12   |
| 149994001 | Z1 - 34       | 28   |
| 150106003 | Z2 - 35-1-4   | 32   |
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| 150172003 | Z2 - 35-1-3   | 32   |
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| 150174000 | Z2 - 35-1-5   | 32   |
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|           | Z2 - 35-2-7-1 | 32   |
| 150180001 | Z2 - 35-1-8   | 32   |
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| 150182000 | Z2 - 35-1-9   | 32   |
|           | Z2 - 35-2-9   | 32   |
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| 150191002 | Z2 - 35-2-2-2 | 32   |
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| 150430001 | G - 28        | 12   |
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| 150437001 | F - 5         | 8    |
| 150439101 | F - 29        | 8    |
| 150440000 | F - 44        | 8    |
| 150441000 | F - 46        | 8    |
| 150442001 | G - 5         | 12   |
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| 150476000 | J - 10      | 18   |
| 150477001 | J - 13      | 18   |
| 150479001 | K - 25      | 20   |
| 150480001 | K - 27      | 20   |
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| 150731101 | D - 21      | 6    |
| 150815009 | J - 29      | 18   |
| 151074009 | J - 22      | 18   |
| 151086000 | D - 25      | 6    |
| 151185009 | M - 3       | 26   |
| 151594001 | C - 23      | 4    |
| 151602002 | F - 28      | 8    |
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| 151603002 | H - 25      | 16   |
| 151604001 | C - 8-1     | 4    |
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| 151844001 | H - 20-4    | 16   |
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| 156479009 | M - 9-1    | 26   |
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| 159994001 | G - 54     | 12   |
| 159995001 | G - 55     | 12   |
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| 180018101 | C - 28     | 4    |
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