

# brother

## LH4-B817 LH4-B814 **Mark II**

本縫ボタン穴かがりミシン<LH4-B817>

LOCKSTITCH BUTTON HOLER <LH4-B814 **Mark II**>

STAPPSTICH-KNOPFLOCHNÄHMASCHINE <LH4-B814 **Mark II**>

MACHINE BOUTONNIERE-POINT NOUE <LH4-B814 **Mark II**>

MAQUINA DE OJALES <LH4-B814 **Mark II**>

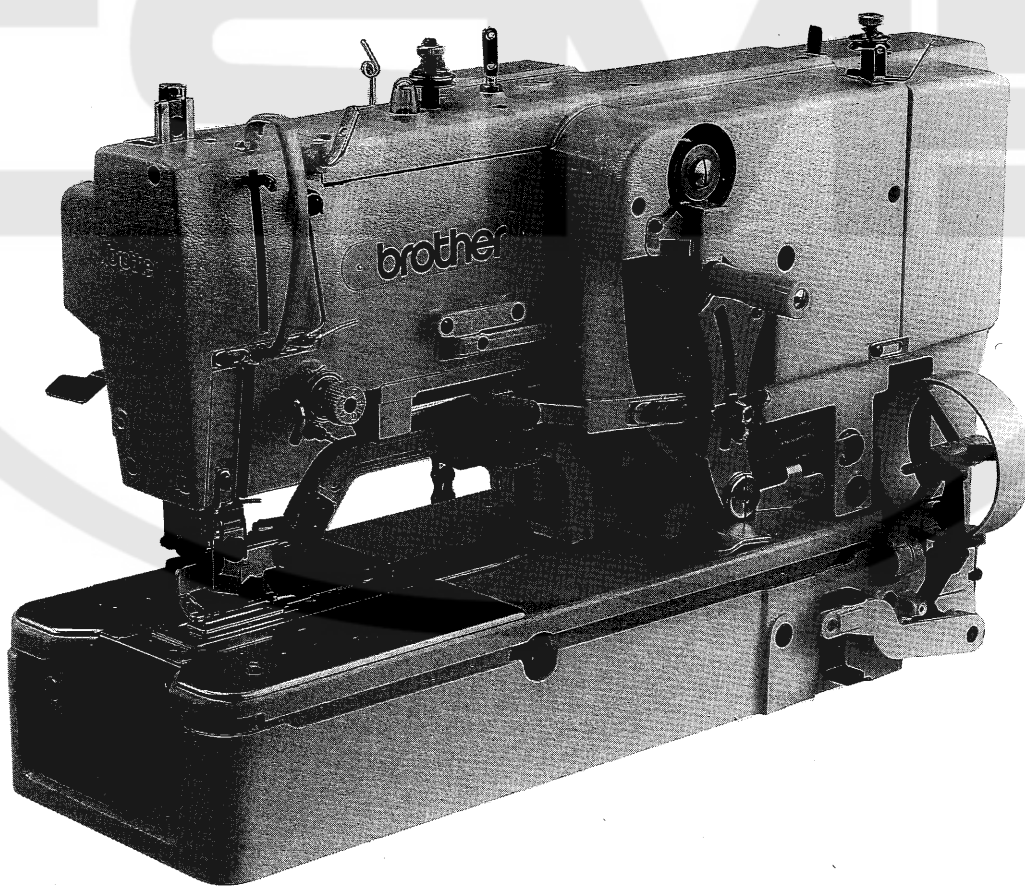
パーツブック

PARTS BOOK

TEILEKATALOG

LIVRE DES PIECES

LIBRO DE REFERENCIA DE PIEZAS



P817001



## パーツブックご利用に際して

1. この本は、この本の表紙(正誤表の挿入されている場合は正誤表)に記載されているものと同じプレートが取り付けられているミシンのためのものです。
2. この本は、1993年6月のデータに基づいて作成されたものです。
3. 部品は予告なしに設計変更される場合があります。
4. 組単位で補給する部品は、  破線で示しております。
5. 部品コード欄が※となっている場合は、仕様別部品一覧表(73ページ)でお調べ下さい。

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## Notes for using this parts book

1. This book is applicable to sewing machines which have the same plate number as shown on the cover of this book (or correction sheet).
2. This book was prepared based on information available in June 1993.
3. Parts are subject to changes in design without prior notice.
4. Parts supplied as complete assemblies are circled by a dotted line [ ] .
5. If the symbol ※ is found in the "Parts No." column, refer to the different parts list on page 73.

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## Hinweise zur Verwendung dieser Teileliste

1. Dieses Buch bezieht sich auf die Nähmaschinen mit derselben Kennungs-nummer wie auf diesem Buchumschlag (oder auf dem Korrekturblatt).
2. Dieses Buch basiert auf den Informationen vom Juni 1993.
3. Modelländerungen sind vorbehalten.
4. Die Teile, die als kompletter Satz geliefert werden, sind mit einer  gestrichelten Linie umrandet.
5. Dieses Zeichen ※ in der Spalte "Parts No. (Teil-nummer)" verweist auf die Gesonderte Stückliste auf Seite 73.

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

1. Ce manuel est destiné aux machines à coudre ayant le même numéro de plaque montré sur la couverture de ce manuel (ou sur la feuille de corrections).
2. Ce manuel a été fait d'après les renseignements valables au mois de Juin 1993.
3. Les pièces peuvent être sujettes à des modifications sans préavis.
4. Les pièces fournies en tant qu'assemblages complets sont encadrées avec un trait pointillé .
5. Si le symbole ※ se trouve dans la colonne "Parts No. (N° de pièce)" veuillez la vous référer à la liste de pièces annexe page 73.

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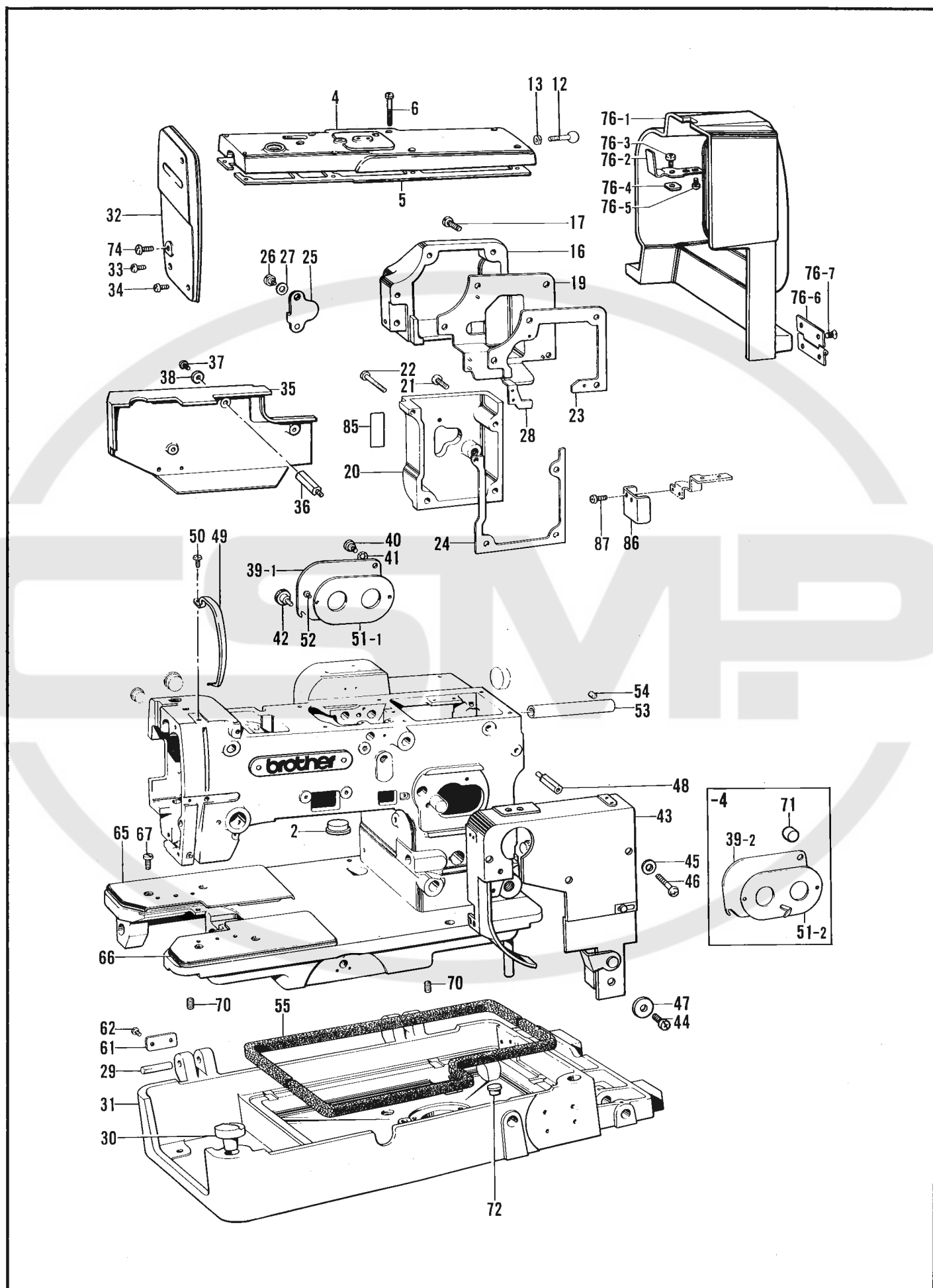
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## Notas para usar este Manual de Piezas

1. Este libro sirve para todas las máquinas de coser que llevan la misma placa de identificación que la que se puede ver en la tapa de este libro (o en la hoja de erratas).
2. Este libro ha sido compilado basándose en los datos de que se disponía en junio 1993.
3. Las piezas quedan sujetas a cambios de diseño sin aviso previo.
4. Las piezas suministradas como conjuntos completos se enmarcan con una línea punteada [-----].
5. De haber un símbolo ※ junto al "Parts No. (Número de Pieza)", habrá que mirar la lista de piezas separada de la página 73.

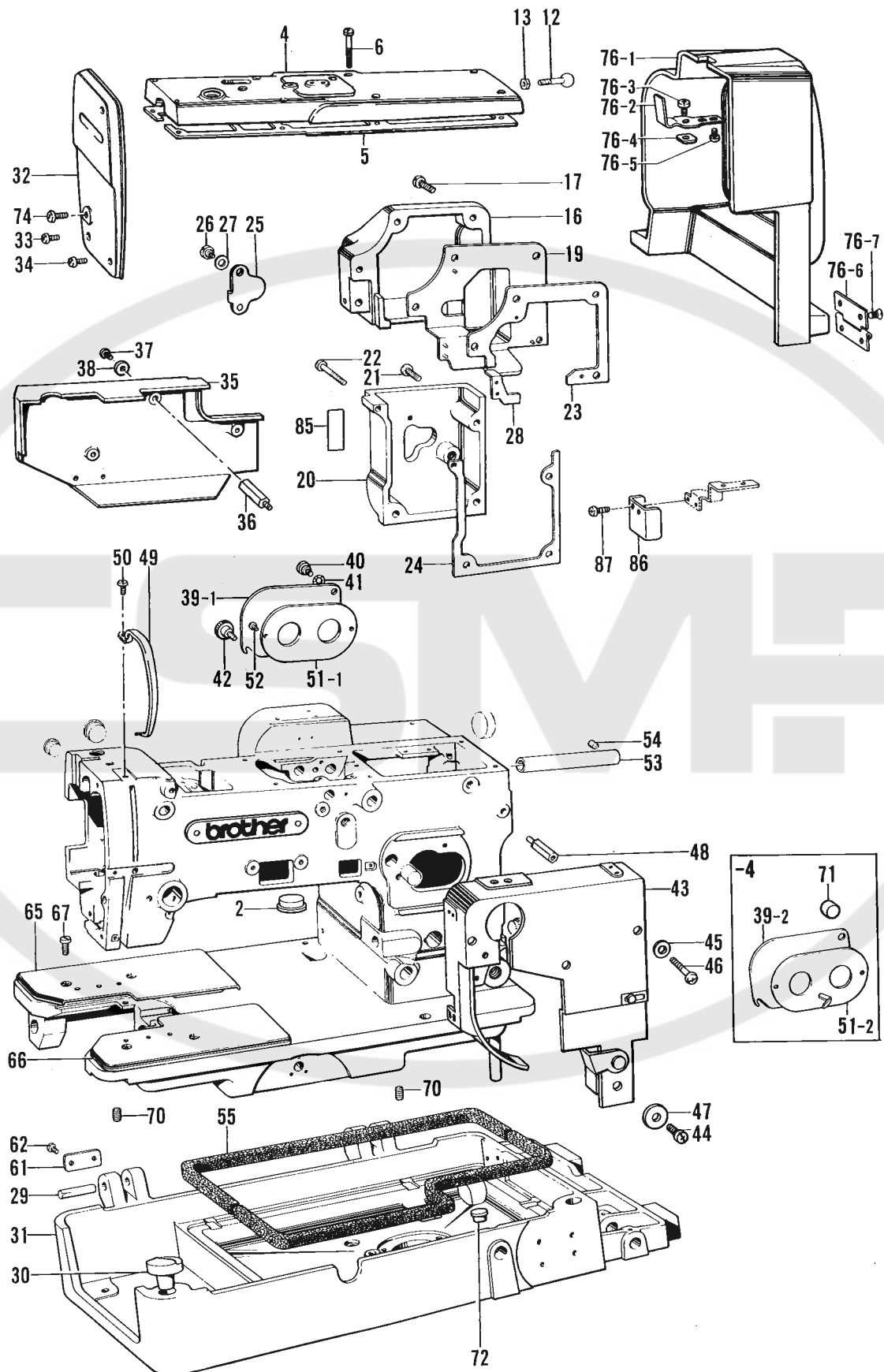
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A. 主体関係/Machine body/Maschinengehäuse/Corps de la machine/Cuerpo de la máquina

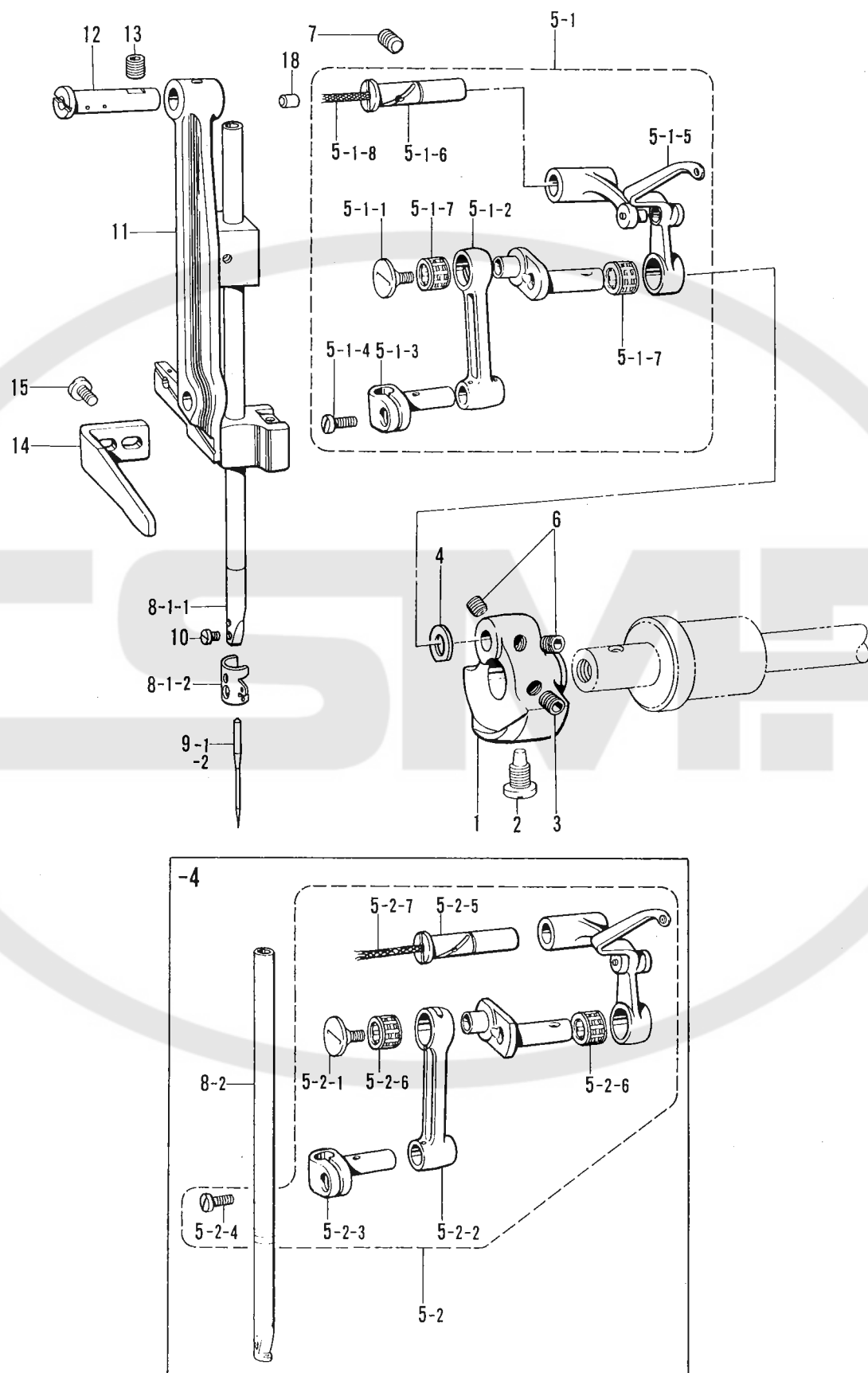
| REF.NO. | CODE      | Q'TY | ヒンメイ          | NAME OF PARTS                          | RM |
|---------|-----------|------|---------------|----------------------------------------|----|
| 2       | 142743009 | 2    | メクラセン         | OIL CAP                                |    |
| 4       | 141243109 | 1    | ウワフタ          | TOP COVER                              |    |
| 5       | 141244100 | 1    | ウワフタバツキン      | TOP COVER PACKING                      |    |
| 6       | S31808001 | 8    | ナベコ437-40X25  | SCREW, PAN M4.37-40X25                 |    |
| 12      | 141248001 | 1    | ベルトカバーバネウケ    | SPRING HOLDER                          |    |
| 13      | 105234003 | 1    | ナツト4.37       | NUT 4.37                               |    |
| 16      | 141249109 | 1    | フクジクカバーU      | SUB SHAFT COVER (U)                    |    |
| 17      | 062762012 | 4    | ナベコ595-28X20  | SCREW, PAN M5.95-28X20                 |    |
| 19      | 144946000 | 1    | フクジクカバー       | SUB SHAFT COVER                        |    |
| 20      | 143984009 | 1    | フクジクカバーD      | SUB SHAFT COVER (D)                    |    |
| 21      | 062762012 | 3    | ナベコ595-28X20  | SCREW, PAN M5.95-28X20                 |    |
| 22      | S31808001 | 1    | ナベコ437-40X25  | SCREW, PAN M4.37-40X25                 |    |
| 23      | 141252000 | 1    | バツキン          | PACKING (LARGE)                        |    |
| 24      | 141254000 | 1    | バツキン          | PACKING (LARGE)                        |    |
| 25      | 143985101 | 1    | チヨウセツマドフタ     | ADJUST WINDOW COVER                    |    |
| 26      | 107321003 | 1    | ダンネジ4.76      | STUD SCREW 4.76                        |    |
| 27      | 107017002 | 1    | ナミバネザガネ       | WAVE SPRING WASHER                     |    |
| 28      | 142269000 | 1    | バツキン          | PACKING (SMALL)                        |    |
| 29      | 141257001 | 2    | ミソツキピン        | DOWEL PIN                              |    |
| 30      | 141258009 | 2    | ベツトクツシヨン      | BED CUSHION                            |    |
| 31      | 141259009 | 1    | ベツトダイ         | BED BASE                               |    |
| 32      | S32977009 | 1    | メンイタ          | FACE PLATE                             |    |
| 33      | 062681412 | 2    | ナベコ437-40X14  | SCREW, PAN M4.37-40X14                 |    |
| 34      | 062681012 | 1    | ナベコ437-40X10  | SCREW, PAN M4.37-40X10                 |    |
| 35      | S32979009 | 1    | ソクメンカバー       | FRAME SIDE COVER                       |    |
| 36      | 141262001 | 3    | ソクメンカバートリツケボウ | STUD                                   |    |
| 37      | 062681412 | 3    | ナベコ437-40X14  | SCREW, PAN M4.37-40X14                 |    |
| 38      | 025680132 | 3    | ヒラザガネシヨウ4.37  | WASHER, PLAIN S 4.37                   |    |
| 40      | 107321003 | 1    | ダンネジ4.76      | STUD SCREW 4.76                        |    |
| 41      | 107017002 | 1    | ナミバネザガネ       | WAVE SPRING WASHER                     |    |
| 42      | 129986001 | 1    | ツマミネジ3.57     | SCREW 3.57                             |    |
| 43      | S32984009 | 1    | カムカバー         | CAM COVER                              |    |
| 44      | 062681212 | 1    | ナベコ437-40X12  | SCREW, PAN M4.37-40X12                 |    |
| 45      | 025680132 | 2    | ヒラザガネシヨウ4.37  | WASHER, PLAIN S 4.37                   |    |
| 46      | S31808001 | 2    | ナベコ437-40X25  | SCREW, PAN M4.37-40X25                 |    |
| 47      | 116662003 | 1    | ザガネ           | WASHER                                 |    |
| 48      | 141267001 | 1    | カムカバートリツケボウ   | STUD                                   |    |
| 49      | S33001009 | 1    | テンビンカバー       | THREAD TAKE-UP COVER                   |    |
| 50      | 062670512 | 1    | ナベコ357-40X5   | SCREW, PAN M3.57-40X5                  |    |
| 52      | 062670612 | 2    | ナベコ357-40X6   | SCREW, PAN M3.57-40X6                  |    |
| 53      | 141718001 | 1    | イトキリレンカンパイプ   | THREADTRIMMING CONNECTING ROD (L) PIPE |    |
| 54      | 014760622 | 1    | アナトメネジ5.95    | SET SCREW, SOCKET (CP) M5.95           |    |
| 55      | 114747001 | 2    | オイルパンバツキン     | OIL PAN PACKING                        |    |
| 61      | 142312001 | 2    | トウブヒンジトメイタ    | HEAD HOOK PLATE                        |    |
| 62      | 062680712 | 4    | ナベコ437-40X7   | SCREW, PAN M4.37-40X7                  |    |
| 70      | 013760712 | 2    | トメネジ5.95クボミ   | SET SCREW, (CP) M5.95                  |    |
| 72      | 117934009 | 1    | メクラセン         | OIL CAP                                |    |
| 74      | 062710616 | 1    | -----         | SCREW, PAN M4.76-32X6                  |    |
| 76      | 183852009 | 1    | ベルトカバークミ      | BELT COVER ASSY                        |    |
| 76-1    | S32978009 | 1    | ベルトカバー        | BELT COVER                             |    |
| 76-2    | 141246001 | 1    | ベルトカバーイタバネ    | PLATE SPRING                           |    |
| 76-3    | 062680512 | 2    | ナベコ437-40X5   | SCREW, PAN M4.37-40X5                  |    |
| 76-4    | 141247001 | 1    | ベルトカバーストツパー   | BELT COVER STOPPER                     |    |
| 76-5    | 062680512 | 1    | ナベコ437-40X5   | SCREW, PAN M4.37-40X5                  |    |
| 76-6    | 107372001 | 2    | ベルトカバーヒンデクミ   | BELT COVER HINGE ASSY                  |    |
| 76-7    | 107231002 | 4    | サラネジ4.76      | SCREW, FLAT M4.76                      |    |
| 85      | S32982001 | 1    | ハリフリハバセツメイラベル | LABEL                                  |    |



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

| REF.NO. | CODE      | Q'TY | 品名                    | NAME OF PARTS         | RM |
|---------|-----------|------|-----------------------|-----------------------|----|
| 39-1    | 141263104 | 1    | <-2,-3,-5><br>ギヤケースフタ | GEAR CASE COVER       |    |
| 51-1    | 141269001 | 1    | ギヤボックスシキリイタ           | GEAR SEPARATION PLATE |    |
| 86      | 533004001 | 1    | ハズシカネカバー              | COVER                 |    |
| 87      | 062670412 | 2    | ナベコ357-40X4           | SCREW, PAN M3.57X4    |    |
| 39-2    | 147202104 | 1    | <-4><br>ギヤケースフタ       | GEAR CASE COVER       |    |
| 51-2    | 145345001 | 1    | ギヤボックスシキリイタ           | GEAR SEPARATION PLATE |    |
| 71      | 145342009 | 1    | アームアナセン               | OIL CAP               |    |
| 65      | 143742001 | 1    | <-2,-3,-4><br>ベッドカバーL | BED COVER (L)         |    |
| 66      | 143741001 | 1    | ベッドカバーR               | BED COVER (R)         |    |
| 67      | 107407003 | 4    | シメネジ4.37              | SCREW 4.37            |    |

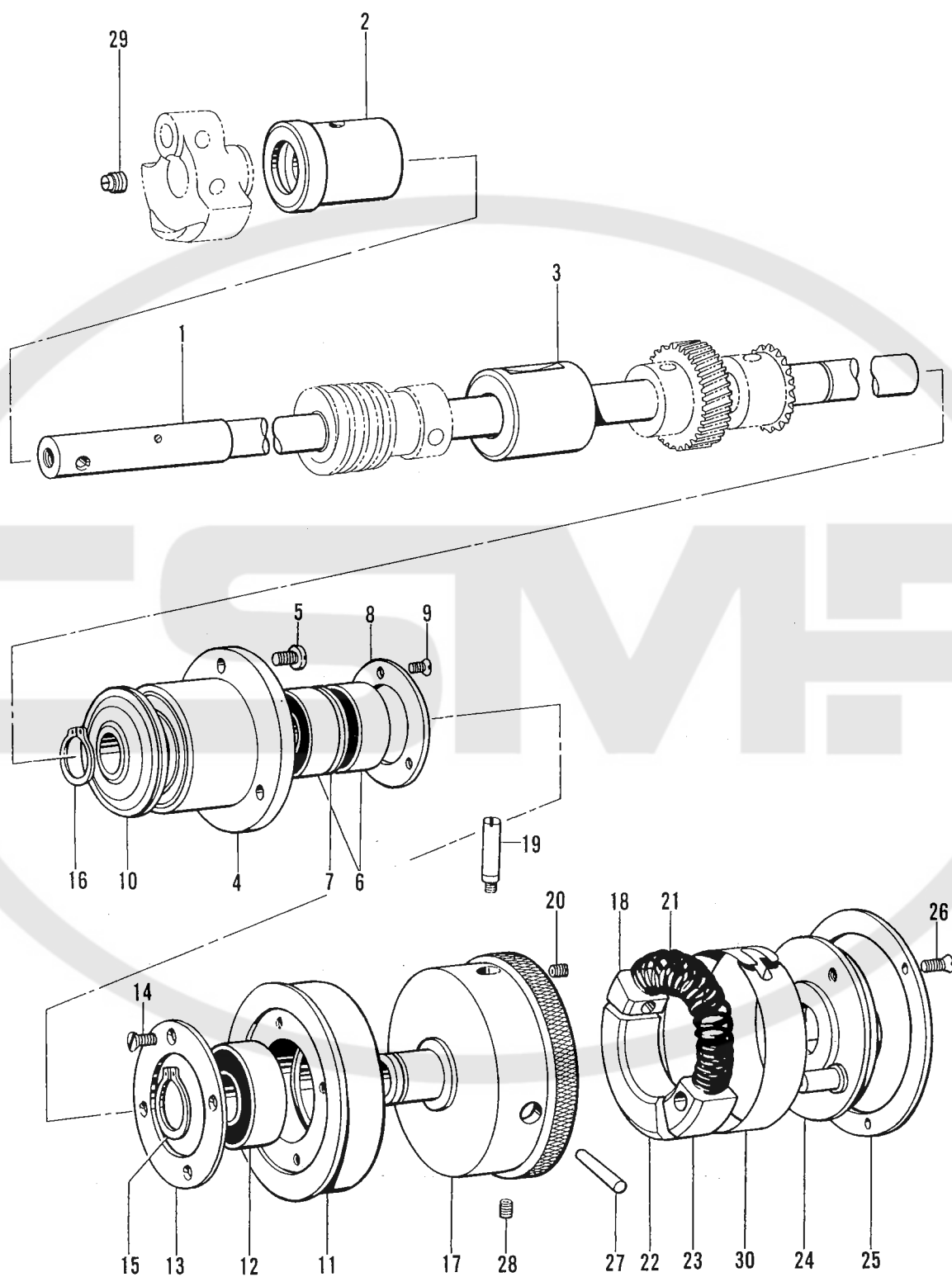
B. 針棒関係/Needle bar mechanism/Nadelstangenvorrichtung/  
Mécanisme de la barre à aiguille et releveur de fil/Mecanismo de la barra



B. 針棒関係/Needle bar mechanism/Nadelstangenvorrichtung/  
Mécanisme de la barre à aiguille et releveur de fil/Mecanismo de la barra

| REF.NO. | CODE      | Q'TY | ヒンメイ                          | NAME OF PARTS                     | RM |
|---------|-----------|------|-------------------------------|-----------------------------------|----|
| 1       | 141290000 | 1    | テンビンクランク                      | COUNTER WEIGHT                    |    |
| 2       | 100250001 | 1    | シメネジ7.14                      | SCREW 7.14                        |    |
| 3       | 014770622 | 1    | アナトメネジ6.35クボミ                 | SET SCREW, SOCKET (CP) M6.35      |    |
| 4       | 110367001 | 1    | ザガネ                           | WASHER                            |    |
| 6       | 014770622 | 2    | アナトメネジ6.35クボミ                 | SET SCREW, SOCKET (CP) M6.35      |    |
| 7       | 014770622 | 1    | アナトメネジ6.35クボミ                 | SET SCREW, SOCKET (CP) M6.35      |    |
| 10      | 140553102 | 1    | アタマツキトメネジ3.18                 | SET SCREW 3.18                    |    |
| 11      | 142736001 | 1    | ハリボウダイクミ                      | NEEDLE BAR BRACKET ASSY           |    |
| 12      | 141295001 | 1    | ハリボウダイササエジク                   | NEEDLE BAR BRACKET SUPPORT STUD   |    |
| 13      | 014770622 | 1    | アナトメネジ6.35クボミ                 | SET SCREW, SOCKET (CP) M6.35      |    |
| 14      | 141296001 | 1    | ハリボウダイアンナイ                    | NEEDLE BAR BRACKET GUIDE          |    |
| 15      | 107407003 | 2    | シメネジ4.37                      | SCREW 4.37                        |    |
| 18      | 140326009 | 1    | ゴムセン                          | OIL CAP                           |    |
| <hr/>   |           |      |                               |                                   |    |
| 5-1     | S32986001 | 1    | <-2,-3,-5><br>ハリボウレンカクミ       | THREAD TAKE-UP LEVER ASSY         |    |
| 5-1-1   | 145465001 | 1    | シメネジ3.57L                     | SCREW 3.57 (L)                    |    |
| 5-1-2   | S01143001 | 1    | ハリボウクランクロツド                   | NEEDLE BAR CRANK ROD              |    |
| 5-1-3   | 111237001 | 1    | ハリボウダキ                        | NEEDLE BAR CLAMP                  |    |
| 5-1-4   | 140004001 | 1    | シメネジ3.57                      | SCREW 3.57                        |    |
| 5-1-5   | S32987001 | 1    | テンビンタイクミ                      | THREAD TAKE-UP ASSY               |    |
| 5-1-6   | 111468001 | 1    | テンビンササエジク                     | THREAD TAKE-UP LEVER SUPPORT STUD |    |
| 5-1-7   | 116735000 | 2    | ニードルベアリング                     | NEEDLE BEARING                    |    |
| 5-1-8   | 140430001 | 1    | クミヒモ (L=40)                   | WICK (L=40)                       |    |
| 8-1     | S32989001 | 1    | ハリボウクミ                        | NEEDLE BAR ASSY                   |    |
| 8-1-1   | S32990001 | 1    | ハリボウ817                       | NEEDLE BAR (817)                  |    |
| 8-1-2   | S33000001 | 1    | ハリボウイトアンナイ                    | NEEDLE BAR THREAD GUIDE           |    |
| 5-2     | 145719101 | 1    | <-4><br>ハリボウレンカクミ             | THREAD TAKE-UP LEVER ASSY         |    |
| 5-2-1   | 145465001 | 1    | シメネジ3.57L                     | SCREW 3.57 (L)                    |    |
| 5-2-2   | S01143001 | 1    | ハリボウクランクロツド                   | NEEDLE BAR CRANK ROD              |    |
| 5-2-3   | 111237001 | 1    | ハリボウダキ                        | NEEDLE BAR CLAMP                  |    |
| 5-2-4   | 140004001 | 1    | シメネジ3.57                      | SCREW 3.57                        |    |
| 5-2-5   | 111468001 | 1    | テンビンササエジク                     | THREAD TAKE-UP LEVER SUPPORT STUD |    |
| 5-2-6   | 116735000 | 2    | ニードルベアリング                     | NEEDLE BEARING                    |    |
| 5-2-7   | 140430001 | 1    | クミヒモ (L=40)                   | WICK (L=40)                       |    |
| 8-2     | 146075001 | 1    | ハリボウ                          | NEEDLE BAR                        |    |
| 9-1     | 107415011 | 1    | <-3><br>ミシンハリDPX5 (#11)       | NEEDLE DPX5 (#11)                 |    |
| 9-2     | 107415014 | 1    | <-2,-4,-5><br>ミシンハリDPX5 (#14) | NEEDLE DPX5 (#14)                 |    |

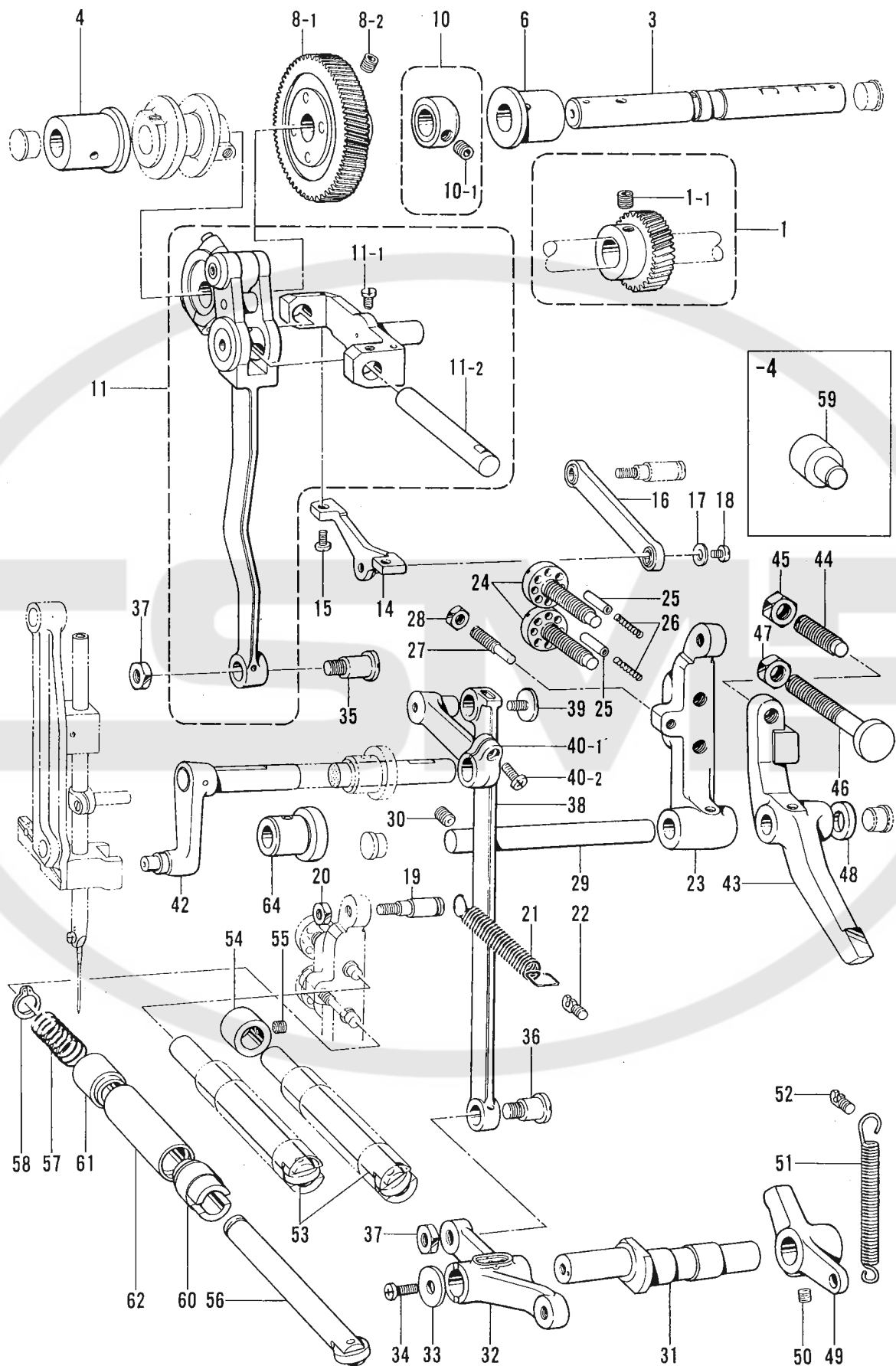
C. 上軸関係/Upper Shaft Mechanism/Obere Welle/Mécanisme de l'arbre supérieur/  
Mecanismo del eje superior



C. 上軸関係/Upper Shaft Mechanism/Obere Welle/Mécanisme de l'arbre supérieur/  
Mecanismo del eje superior

| REF.NO. | CODE      | Q'TY | ヒンメイ           | NAME OF PARTS                | RM |
|---------|-----------|------|----------------|------------------------------|----|
| 1       | 141271001 | 1    | ウワジク           | UPPER SHAFT                  |    |
| 2       | 141272001 | 1    | ウワジクメタルF       | UPPER SHAFT BUSH (F)         |    |
| 3       | 141273000 | 1    | ウワジクメタルM       | UPPER SHAFT BUSH (M)         |    |
| 4       | 141274000 | 1    | タマジクウケケース      | BALL BEARING CASE            |    |
| 5       | 062681212 | 3    | ナベコ437-40X12   | SCREW, PAN M4.37-40X12       |    |
| 6       | 072620260 | 2    | タマジクウケ6202VVC2 | BALL BEARING 6202VVC2        |    |
| 7       | 141275001 | 1    | タマジクウケカラー      | COLLAR                       |    |
| 8       | 141276001 | 1    | タマジクウケフタS      | BALL BEARING CAP (S)         |    |
| 9       | 102843004 | 3    | サラネジ3.57       | SCREW, FLAT M3.57            |    |
| 10      | 141277000 | 1    | タマジクウケケースオイルキリ | OIL REJECTOR                 |    |
| 11      | 141278001 | 1    | Pプーリ           | IDLE PULLEY                  |    |
| 12      | 072600560 | 1    | タマジクウケ6005VV   | BALL BEARING 6005VV          |    |
| 13      | 141279001 | 1    | タマジクウケフタL      | BALL BEARING CAP (L)         |    |
| 14      | 102843004 | 4    | サラネジ3.57       | SCREW, FLAT M3.57            |    |
| 15      | 048250142 | 1    | トメワジクヨウC25     | RETAINING RING, C25          |    |
| 16      | 048150142 | 1    | トメワジクヨウC15     | RETAINING RING, C15          |    |
| 17      | 141280001 | 1    | プーリ            | PULLEY                       |    |
| 18      | 141281001 | 1    | プーリカクコマ        | PULLEY SLIDE BLOCK           |    |
| 19      | 141282001 | 1    | プーリカクコマジク      | SHAFT                        |    |
| 20      | 013670712 | 1    | トメネジ3.57クボミ    | SET SCREW, (CP) M3.57        |    |
| 21      | 141283001 | 1    | プーリカンシヨウバネ     | SPRING                       |    |
| 22      | 141284000 | 1    | プーリバネウケ        | SPRING HOLDER                |    |
| 23      | 141285001 | 1    | プーリストツブカムカクコマ  | PULLEY STOP CAM SLIDE BLOCK  |    |
| 24      | 141286001 | 1    | ストツブカムクミ       | STOP CAM ASSY                |    |
| 25      | 141289001 | 1    | ストツブカムフタ       | CAP FOR STOP CAM             |    |
| 26      | 117348001 | 3    | サラネジ3.57       | SCREW, FLAT M3.57            |    |
| 27      | 142297001 | 1    | テーパピン          | PIN, TAPER                   |    |
| 28      | 014770622 | 1    | アナトメネジ6.35クボミ  | SET SCREW, SOCKET (CP) M6.35 |    |
| 29      | 101706001 | 1    | トメネジ6.35       | SET SCREW, M6.35             |    |
| 30      | 142751001 | 1    | プーリバネカバー       | SPRING COVER                 |    |

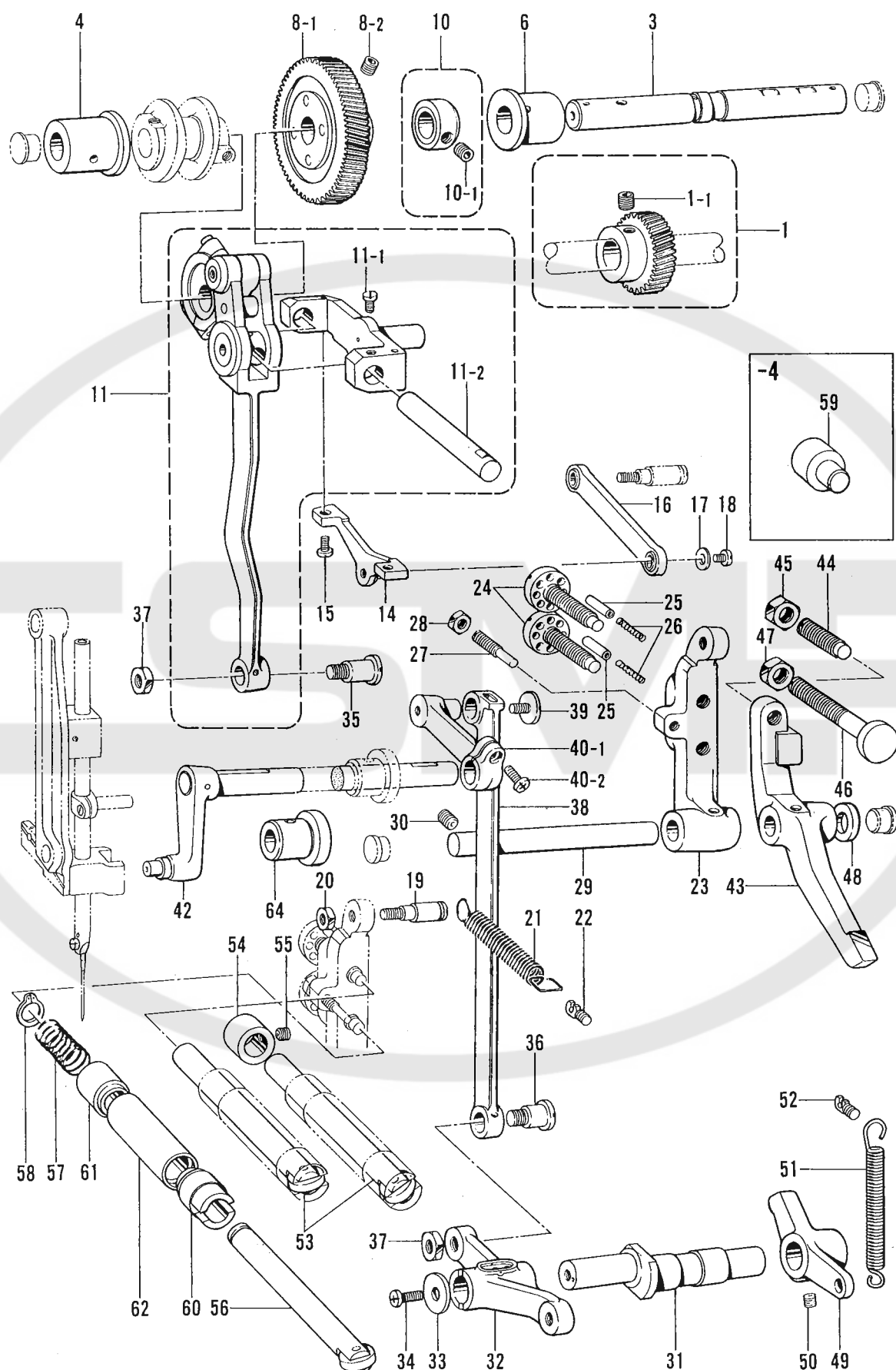
D. 針振關係/Zigzag mechanism/Zickzackvorrichtung/Mécanisme de zigzag/  
Mecanismo del zigzag



D. 針振関係/Zigzag mechanism/Zickzackvorrichtung/Mécanisme de zigzag/  
Mecanismo del zigzag

| REF.NO. | CODE      | Q'TY | ヒンメイ            | NAME OF PARTS                      | RM |
|---------|-----------|------|-----------------|------------------------------------|----|
| 1       | 183702001 | 1    | ゲンソクギヤクミ        | SPEED REDUCTION GEAR               |    |
| 1-1     | 014770622 | 2    | アナトメネジ6.35クボミ   | SET SCREW, SOCKET (CP) M6.35       |    |
| 3       | 141310001 | 1    | フクジク            | SUB SHAFT                          |    |
| 4       | 141311000 | 1    | フクジクメタルF        | SUB SHAFT BUSH (F)                 |    |
| 6       | 141312000 | 1    | フクジクメタルB        | SUB SHAFT BUSH (B)                 |    |
| 8       | 183703001 | 1    | フクジクギヤクミ        | SUB SHAFT GEAR UNIT                |    |
| 8-1     | 141313101 | 1    | フクジクギヤクミ        | SUB SHAFT GEAR ASSY                |    |
| 8-2     | 014770622 | 2    | アナトメネジ6.35クボミ   | SET SCREW, SOCKET (CP) M6.35       |    |
| 10      | 181994001 | 1    | ウワジクカラークミ       | UPPER SHAFT SET COLLAR ASSY        |    |
| 10-1    | 014760622 | 2    | アナトメネジ5.95      | SET SCREW, SOCKET (CP) M5.95       |    |
| 11      | 147901001 | 1    | ハリフリチヨウセツキカムクミ  | ZIG ZAG ADJUST CAM ASSY            |    |
| 11-1    | 104908002 | 1    | アタマツキトメネジ       | SET SCREW                          |    |
| 11-2    | 141326001 | 1    | ロツドピン           | ROD PIN                            |    |
| 14      | 141328000 | 1    | チヨウセツキリンクジク     | REGURATOR LINK SHAFT               |    |
| 15      | 062680712 | 2    | ナベコ437-40X7     | SCREW, PAN M4.37-40X7              |    |
| 16      | 141329001 | 1    | ハリフリチヨウセツキリンククミ | ZIGZAG REGURATOR LINK ASSY         |    |
| 17      | 102707002 | 1    | ザガネ             | WASHER                             |    |
| 18      | 062670612 | 1    | ナベコ357-40X6     | SCREW, PAN M3.57-40X6              |    |
| 19      | 141332001 | 1    | チヨウセツレバータマジク    | PIN                                |    |
| 20      | 106588003 | 1    | ナツト5.95         | NUT 5.95                           |    |
| 21      | 141333001 | 1    | チヨウセツレバーヒキバネ    | SPRING,EXTENSION                   |    |
| 22      | 141334001 | 1    | バネカケ            | SPRING HOOK                        |    |
| 23      | 141335000 | 1    | ハリフリチヨウセツレバー    | ZIGZAG ADJUST LEVER                |    |
| 24      | 141336001 | 2    | ハリフリチヨウセツネジ     | ADJUST SCREW                       |    |
| 25      | 141337001 | 2    | ハリフリチヨウセツネジピン   | PIN                                |    |
| 26      | 141338001 | 2    | チヨウセツネジオシバネ     | SPRING,COMPRESSION                 |    |
| 27      | 141339001 | 1    | チヨウセツレバーストツバ    | ADJUST LEVER STOPPER               |    |
| 28      | 106588003 | 1    | ナツト5.95         | NUT 5.95                           |    |
| 29      | 141340001 | 1    | チヨウセツレバージク      | ZIGZAG ADJUST LEVER SHAFT          |    |
| 30      | 013760612 | 1    | トメネジ5.95クボミ     | SET SCREW, (CP) M5.95              |    |
| 31      | 141341001 | 1    | ハリフリヘンシンジク      | ZIGZAG ECCENTRIC SHAFT             |    |
| 32      | 141342000 | 1    | ハリフリヘンシンジクリンク   | ZIGZAG ECCENTRIC SHAFT LINK        |    |
| 33      | 149095001 | 1    | ザガネ             | WASHER                             |    |
| 34      | 062761212 | 1    | ナベコ595-28X12    | SCREW, PAN M5.95-28X12             |    |
| 35      | 141344001 | 1    | ダンネジ7.94        | STUD SCREW 7.94                    |    |
| 36      | 141345001 | 1    | ダンネジ7.94        | STUD SCREW 7.94                    |    |
| 37      | 403388002 | 2    | ナツト7.94         | NUT 7.94                           |    |
| 38      | 141346001 | 1    | ハリフリリンク         | ZIGZAG CONNECTING ROD              |    |
| 39      | 100511003 | 1    | シメネジ4.76        | SCREW 4.76                         |    |
| 40      | 183746001 | 1    | ハリフリレバーAクミ      | ZIGZAG CONNECTING LEVER (A) ASSY   |    |
| 40-1    | 141347001 | 1    | ハリフリレバーA        | ZIGZAG CONNECTING LEVER (A)        |    |
| 40-2    | 062711412 | 1    | ナベコ4.76-32X14   | SCREW, PAN M4.76-32X14             |    |
| 42      | 141348001 | 1    | ハリフリレバーBクミ      | ZIGZAG CONNECTING LEVER (B) ASSY   |    |
| 43      | 141354000 | 1    | キジユンイチヘンカンレバー   | ZIGZAG POSITION CHANGING LEVER     |    |
| 44      | 141355001 | 1    | Lキジユンチヨウセツネジ    | ADJUST SCREW                       |    |
| 45      | 105812003 | 1    | ナツト7.94         | NUT 7.94                           |    |
| 46      | 141356001 | 1    | Rキジユンチヨウセツネジ    | ADJUST SCREW                       |    |
| 47      | 105812002 | 1    | ナツト7.94         | NUT 7.94                           |    |
| 48      | 158449001 | 1    | ザガネ             | WASHER                             |    |
| 49      | 141357000 | 1    | ヘンカンレバーオサエ      | CHANGING LEVER STOPPER             |    |
| 50      | 014760622 | 2    | アナトメネジ5.95      | SET SCREW, SOCKET (CP) M5.95       |    |
| 51      | 141358001 | 1    | ヘンカンレバーヒキバネ     | SPRING,EXTENSION                   |    |
| 52      | 141334001 | 1    | バネカケ            | SPRING HOOK                        |    |
| 54      | 141351001 | 1    | セツトカラー          | SET COLLAR                         |    |
| 55      | 014770622 | 1    | アナトメネジ6.35クボミ   | SET SCREW, SOCKET (CP) M6.35       |    |
| 56      | 141659001 | 1    | カントメオシボウクミ      | BAR TACK CONNECTING SHAFT          |    |
| 57      | 141363001 | 1    | カントメオシボウオシバネ    | SPRING,COMPRESSION                 |    |
| 58      | 048110142 | 1    | トメワジクヨウC11      | RETAINING RING, C11                |    |
| 64      | 147155000 | 1    | ハリフリジクメタル       | ZIGZAG CONNECTING LEVER SHAFT BUSH |    |

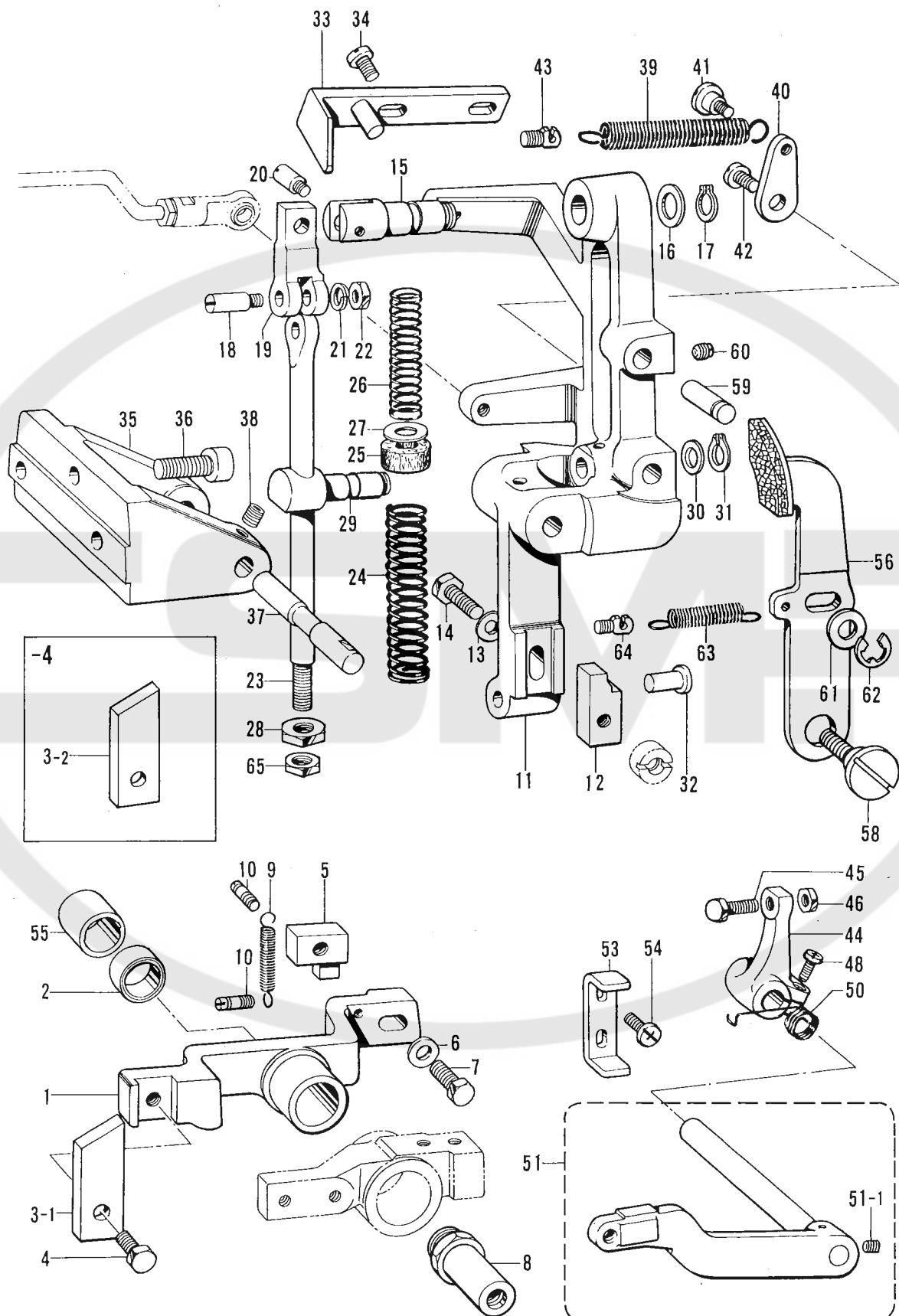
D. 針振関係/Zigzag mechanism/Zickzackvorrichtung/Mécanisme de zigzag/  
Mecanismo del zigzag



D. 針振関係/Zigzag mechanism/Zickzackvorrichtung/Mécanisme de zigzag/  
Mecanismo del zigzag

| REF.NO. | CODE      | Q'TY | ヒンメイ         | NAME OF PARTS                    | RM |
|---------|-----------|------|--------------|----------------------------------|----|
|         |           |      | <-4>         |                                  |    |
| 53      | 141359001 | 1    | ハリフリオシボウクミ   | ZIGZAG CONNECTING SHAFT          |    |
| 59      | 145344001 | 1    | ダンジク         | STUD SHAFT                       |    |
| 60      | 141716000 | 2    | ハリフリオシボウメタルR | ZIGZAG CONNECTING SHAFT BUSH (R) |    |
| 61      | 141365000 | 2    | ハリフリオシボウメタルL | ZIGZAG CONNECTING SHAFT BUSH (L) |    |
| 62      | 141366001 | 2    | ハリフリオシボウパイプ  | COLLAR                           |    |
|         |           |      | <-2,-3,-5>   |                                  |    |
| 53      | 141359001 | 2    | ハリフリオシボウクミ   | ZIGZAG CONNECTING SHAFT          |    |
| 60      | 141716000 | 3    | ハリフリオシボウメタルR | ZIGZAG CONNECTING SHAFT BUSH (R) |    |
| 61      | 141365000 | 3    | ハリフリオシボウメタルL | ZIGZAG CONNECTING SHAFT BUSH (L) |    |
| 62      | 141366001 | 3    | ハリフリオシボウパイプ  | COLLAR                           |    |

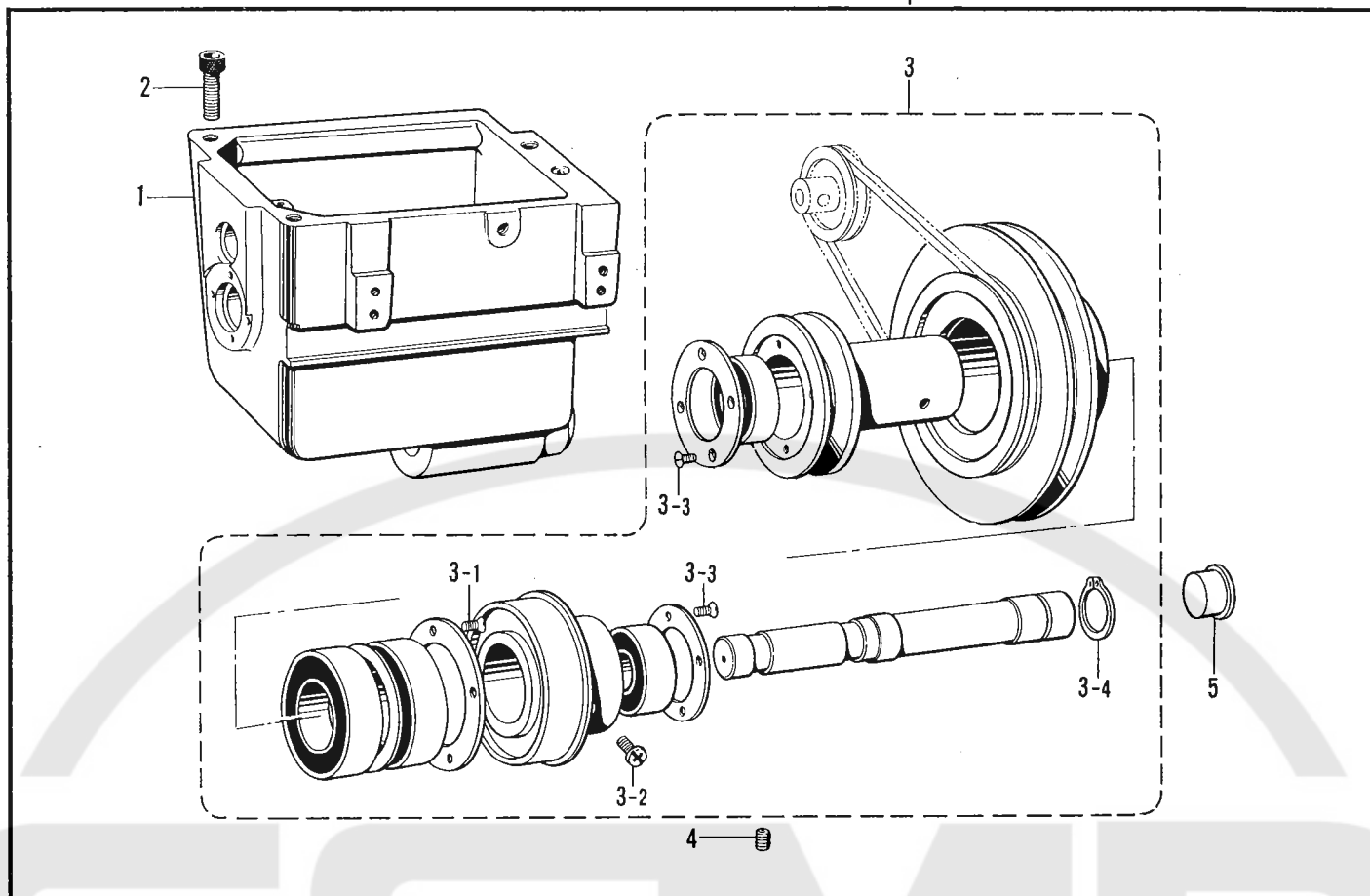
E. 停止關係/Clutch mechanism/Kupplungsvorrichtung/  
Mécanisme de l'embrayage/Mecanismo de embrague



## E. 停止関係/Clutch mechanism/Kupplungsvorrichtung/Mécanisme de lémbrayage/Mecanismo de embrague

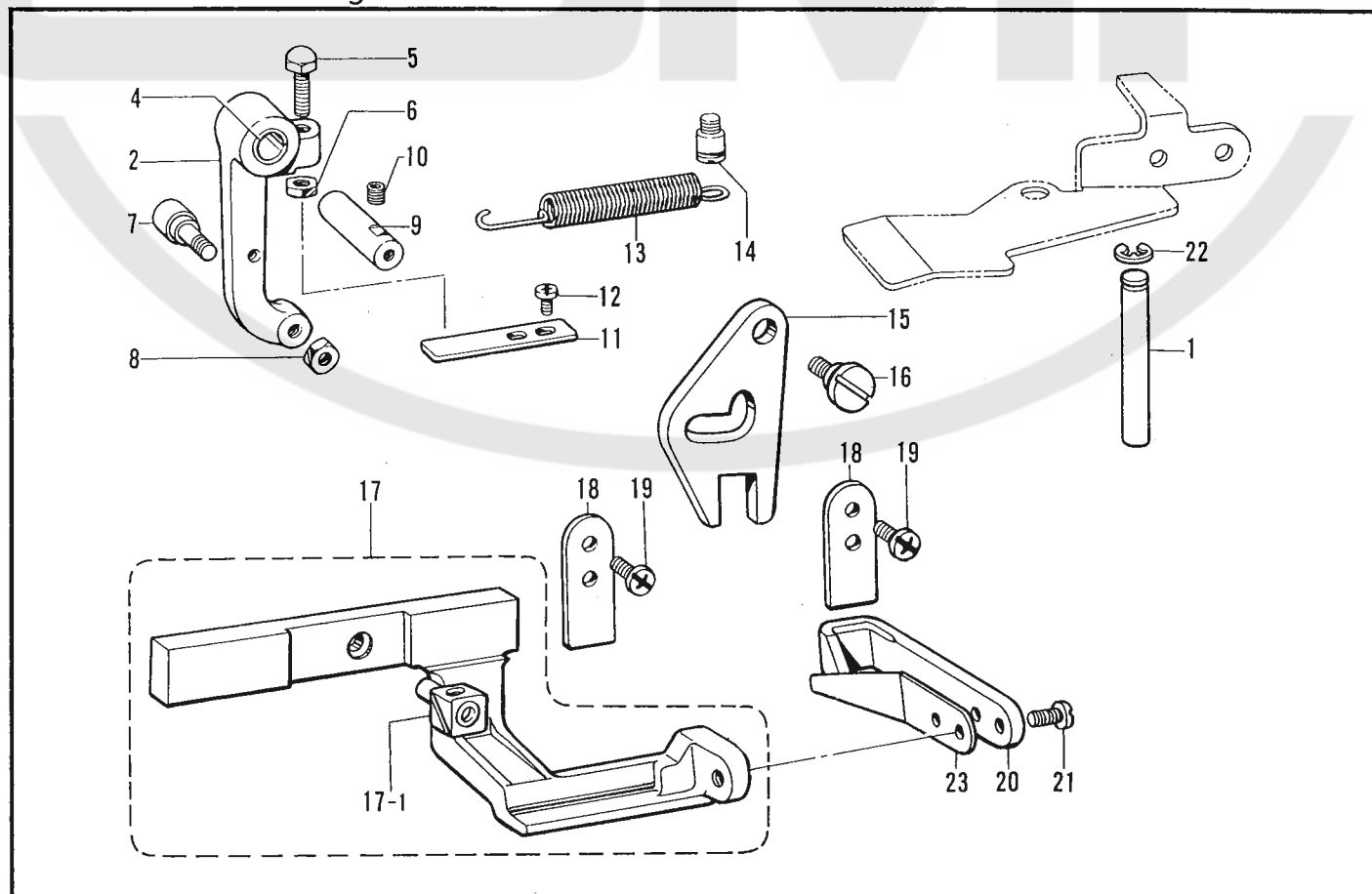
| REF.NO. | CODE      | Q'TY | ヒンメイ                | NAME OF PARTS                   | RM |
|---------|-----------|------|---------------------|---------------------------------|----|
| 1       | 141546001 | 1    | テイシレバー              | STOP LEVER                      |    |
| 2       | 142372000 | 1    | DUブシユ               | (DU) BUSH                       |    |
| 3-1     | 141547001 | 1    | テイシカムヘンB <-2,-3,-5> | STOP CAM SEGMENT (B) <-2,-3,-5> |    |
| 3-2     | 145442001 | 1    | テイシカムヘンB <-4>       | STOP CAM SEGMENT (B) <-4>       |    |
| 4       | 017761412 | 1    | ボルト5.95X14          | BOLT, M5.95X14                  |    |
| 5       | 141548001 | 1    | クラツチツメA             | CLUTCH CLAW (A)                 |    |
| 6       | 118735002 | 1    | ザガネ                 | WASHER                          |    |
| 7       | 017781412 | 1    | ボルト6.35X14          | BOLT, M6.35X14                  |    |
| 8       | 141618001 | 1    | テイシレバージク            | EMERGENCY STOP LEVER SHAFT      |    |
| 9       | 141549001 | 1    | テイシレバーヒキバネ          | SPRING,EXTENSION                |    |
| 10      | 141550001 | 2    | テイシレバーバネカケ          | SPRING HOOK                     |    |
| 11      | 146041002 | 1    | クラツチレバー             | CLUTCH LEVER                    |    |
| 12      | 141553001 | 1    | クラツチツメB             | CLUTCH CLAW (B)                 |    |
| 13      | 118735002 | 1    | ザガネ                 | WASHER                          |    |
| 14      | 017782512 | 1    | ボルト6.35X25          | BOLT, M6.35X25                  |    |
| 15      | 142667101 | 1    | クラツチストツバササエ         | CLUTCH STOPPER SUPPORT          |    |
| 16      | 025100132 | 1    | ヒラザガネシヨウ10          | WASHER, PLAIN S 10              |    |
| 17      | 048100142 | 1    | トメワジクヨウC10          | RETAINING RING, C10             |    |
| 18      | 115544001 | 1    | クラツチストツバササエジク       | CLUTCH STOPPER SUPPORT SHAFT    |    |
| 19      | 115545001 | 1    | クラツチストツバ            | CLUTCH STOPPER                  |    |
| 20      | 115546001 | 1    | クラツチストツバジク          | CLUTCH STOPPER STUD             |    |
| 21      | 028050240 | 1    | バネザガネ2-5            | WASHER, SPRING 2-5              |    |
| 22      | 021710202 | 1    | ナツト2シユ4.76          | NUT, 2 M4.76                    |    |
| 23      | 141554001 | 1    | ストツババネジク            | SPRING SHAFT                    |    |
| 24      | 147639001 | 1    | ストツバオシバネC           | SPRING,COMPRESSION (C)          |    |
| 25      | 115550001 | 1    | フエルト                | FELT                            |    |
| 26      | 115551001 | 1    | ストツバオシバネB           | SPRING,COMPRESSION (B)          |    |
| 27      | 025100132 | 1    | ヒラザガネシヨウ10          | WASHER, PLAIN S 10              |    |
| 28      | 021860202 | 1    | ナツト2シユ9.52          | NUT, 2 M9.52                    |    |
| 29      | 115552001 | 1    | チヨウセツバネジクダキ         | SHAFT CLAMP                     |    |
| 30      | 025100132 | 1    | ヒラザガネシヨウ10          | WASHER, PLAIN S 10              |    |
| 31      | 048100142 | 1    | トメワジクヨウC10          | RETAINING RING, C10             |    |
| 32      | 141555001 | 1    | クラツチレバーピン           | PIN                             |    |
| 33      | 141556101 | 1    | ベルトヨセU              | BELT SHIFTER (U)                |    |
| 34      | 062761012 | 2    | ナベコ595-28X10        | SCREW, PAN M5.95-28X10          |    |
| 35      | 141557002 | 1    | クラツチレバードダイ          | CLUTCH LEVER BRACKET            |    |
| 36      | 018082522 | 3    | アナボルト8X25           | BOLT, SOCKET M8X25              |    |
| 37      | 141558001 | 1    | クラツチレバージク           | CLUTCH LEVER SHAFT              |    |
| 38      | 014770622 | 1    | アナトメネジ6.35クボミ       | SET SCREW, SOCKET (CP) M6.35    |    |
| 39      | 141559001 | 1    | クラツチモドシヒキバネ         | SPRING,EXTENSION                |    |
| 40      | 115558002 | 1    | バネチヨウセツイタ           | ADJUST PLATE                    |    |
| 41      | 115559002 | 1    | ダンネジ4.76            | STUD SCREW 4.76                 |    |
| 42      | 062761012 | 1    | ナベコ595-28X10        | SCREW, PAN M5.95-28X10          |    |
| 43      | 141334001 | 1    | バネカケ                | SPRING HOOK                     |    |
| 44      | 146955004 | 1    | クラツチシドウレバー          | CLUTCH STARTING LEVER           |    |
| 45      | 115585001 | 1    | ボルト7.94             | BOLT, M7.94                     |    |
| 46      | 152997001 | 1    | ナツト7.94             | NUT 7.94                        |    |
| 48      | 062711412 | 2    | ナベコ4.76-32X14       | SCREW, PAN M4.76-32X14          |    |
| 50      | 141562101 | 1    | シドウレバーモドシバネ         | SPRING                          |    |
| 51      | 150538009 | 1    | シドウレバーテコクミ          | STARTING LIFT LEVER ASSY        |    |
| 51-1    | 014770622 | 1    | アナトメネジ6.35クボミ       | SET SCREW, SOCKET (CP) M6.35    |    |
| 53      | 141564001 | 1    | シドウレバーテコストツバ        | STARTING LEVER STOPPER          |    |
| 54      | 062761212 | 2    | ナベコ595-28X12        | SCREW, PAN M5.95-28X12          |    |
| 55      | 142373000 | 1    | DUブシユ               | (DU) BUSH                       |    |
| 56      | 142755001 | 1    | ブレーキレバークミ           | BRAKE LEVER ASSY                |    |
| 58      | 141953001 | 1    | ダンネジ7.14            | STUD SCREW 7.14                 |    |
| 59      | 142214001 | 1    | ブレーキレバージク           | BRAKE LEVER PIN                 |    |
| 60      | 014760622 | 1    | アナトメネジ5.95          | SET SCREW, SOCKET (CP) M5.95    |    |
| 61      | 107153002 | 1    | ザガネ                 | WASHER                          |    |
| 62      | 048070342 | 1    | トメワE7               | RETAINING RING, E7              |    |
| 63      | 142771001 | 1    | ブレーキヒキバネ            | SPRING,EXTENSION                |    |
| 64      | 141334001 | 1    | バネカケ                | SPRING HOOK                     |    |
| 65      | 100075004 | 1    | ナツト9.52             | NUT 9.52                        |    |

F. 減速関係/Power transmitter/Kraftübertragungsvorrichtung/  
Mécanisme du transmetteur/Mecanismo del transmisor de potencia



118-817-112

G. ベルト寄せ関係/Belt shift mechanism/Riemenumstellvorrichtung/  
Mécanisme du changement de courroie/Mecanismo del cambio correos



118-817-113

## F. 減速関係/Power transmitter/Kraftübertragungsvorrichtung/

## Mécanisme du transmetteur/Mecanismo del transmisor de potencia

| REF.NO. | CODE      | Q'TY | ヒンメイ          | NAME OF PARTS          | RM |
|---------|-----------|------|---------------|------------------------|----|
| 1       | 147222109 | 1    | トランスミッタダイ     | TRANSMITTER BASE       |    |
| 2       | 018082522 | 3    | アナボルト8X25     | BOLT, SOCKET M8X25     |    |
| 3       | 141566001 | 1    | トランスミッタクミ     | TRANSMITTER ASSY       |    |
| 3-1     | S01695001 | 4    | サラネジ3.18X8    | SCREW, FLAT M3.18X8    |    |
| 3-2     | 062711412 | 2    | ナベコ4.76-32X14 | SCREW, PAN M4.76-32X14 |    |
| 3-3     | S01695001 | 8    | サラネジ3.18X8    | SCREW, FLAT M3.18X8    |    |
| 3-4     | 048200142 | 1    | トメワジクヨウC20    | RETAINING RING, C20    |    |
| 4       | 013781012 | 2    | トメネジ6.35クボミ   | SET SCREW, (CP) M6.35  |    |
| 5       | 111937009 | 1    | メクラセン         | OIL CAP                |    |

118-817-112

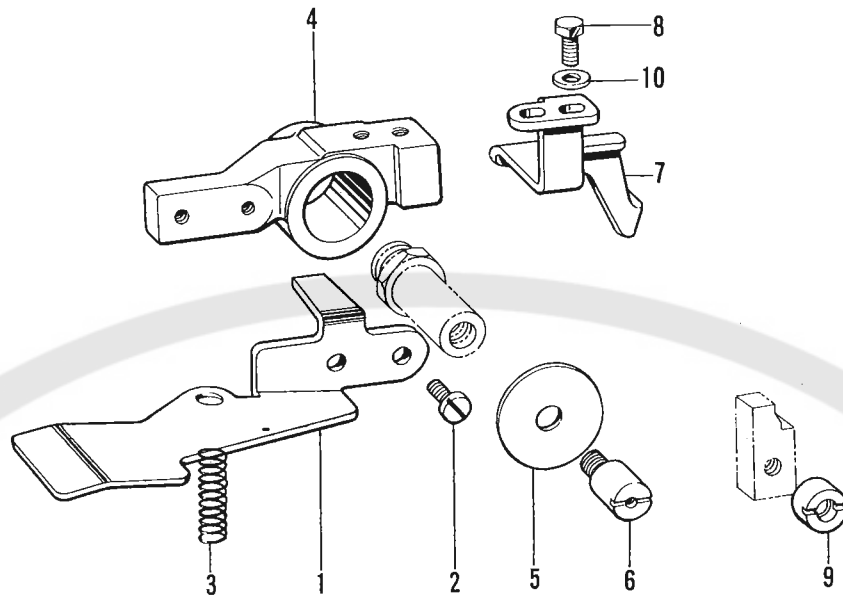
## G. ベルト寄せ関係/Belt shift mechanism/Riemenumstellvorrichtung/

## Mécanisme du changement de courroie/Mecanismo del cambio correos

| REF.NO. | CODE      | Q'TY | ヒンメイ          | NAME OF PARTS                | RM |
|---------|-----------|------|---------------|------------------------------|----|
| 1       | 141574001 | 1    | ベルトヨセボウ       | BELT SHIFT BAR               |    |
| 2       | 141575001 | 1    | ベルトヨセレバー      | BELT SHIFT LEVER             |    |
| 4       | 142373000 | 2    | DUブシユ         | (DU) BUSH                    |    |
| 5       | 115585001 | 1    | ボルト7.94       | BOLT, M7.94                  |    |
| 6       | 152997001 | 1    | ナツト7.94       | NUT 7.94                     |    |
| 7       | 141576001 | 1    | ベルトヨセコロクミ     | BELT SHIFT ROLLER ASSY       |    |
| 8       | 021750102 | 1    | 1シユナツト556-32  | NUT, 1 M556-32               |    |
| 9       | 141579001 | 1    | ベルトヨセレバージク    | BELT SHIFT LEVER STUD        |    |
| 10      | 014770622 | 1    | アナトメネジ6.35クボミ | SET SCREW, SOCKET (CP) M6.35 |    |
| 11      | 141580001 | 1    | ベルトヨセレバーストツバ  | BELT SHIFT LEVER STOPPER     |    |
| 12      | 062680812 | 2    | ナベコ437-40X8   | SCREW, PAN M4.37-40X8        |    |
| 13      | 141581001 | 1    | ベルトヨセレバーヒキバネ  | SPRING, EXTENSION            |    |
| 14      | 141472002 | 1    | シタイトキリレバーバネカケ | SPRING HOOK                  |    |
| 15      | 141582001 | 1    | ベルトヨセカム       | BELT SHIFT CAM               |    |
| 16      | 141583001 | 1    | ダンネジ6.35      | STUD SCREW 6.35              |    |
| 17      | 141584001 | 1    | ベルトヨセタイクミ     | BELT SHIFT BRACKET ASSY      |    |
| 17-1    | 141586001 | 1    | ベルトヨセカクコマクミ   | BELT SHIFT SLIDE BLOCK ASSY  |    |
| 18      | 141588001 | 2    | ベルトヨセタイアンナイ   | BELT SHIFT GUIDE             |    |
| 19      | 062680812 | 4    | ナベコ437-40X8   | SCREW, PAN M4.37-40X8        |    |
| 20      | 141589001 | 1    | ベルトヨセD        | BELT SHIFTER (D)             |    |
| 21      | 062711012 | 2    | ナベコ476-32X10  | SCREW, PAN M4.76-32X10       |    |
| 22      | 048070342 | 1    | トメワE7         | RETAINING RING, E7           |    |
| 23      | 145931001 | 1    | ベルトヨセDバネ      | SPRING, PLATE                |    |

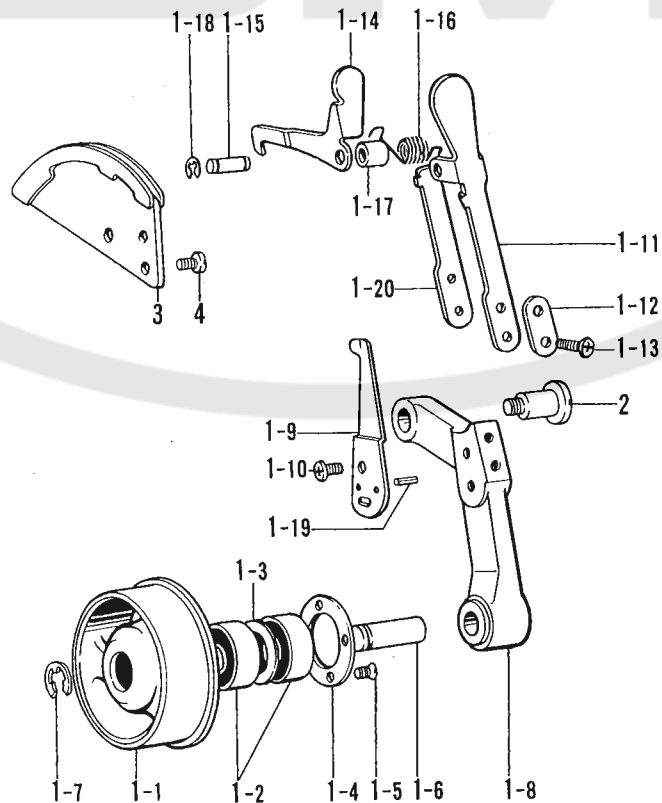
118-817-113

H. 非常停止関係/Emergency stop mechanism/Abschaltvorrichtung/  
Mécanisme de l'arrêt de secours/Mecanismo de parada de emergencia



118-817-114

J. テンションプーリ関係/Tension pulley mechanism/Spannrolle/  
Mécanisme de la poulie de tension/Mecanismo de la polea de tensión



118-817-126

H. 非常停止関係/Emergency stop mechanism/Abschaltvorrichtung/  
Mécanisme de l'arrêt de secours/Mecanismo de parada de emergencia

| REF.NO. | CODE      | Q'TY | ヒンメイ         | NAME OF PARTS            | RM |
|---------|-----------|------|--------------|--------------------------|----|
| 1       | 141698001 | 1    | ヒジヨウテイシレバー   | EMERGENCY STOP LEVER     |    |
| 2       | 107407003 | 2    | シメネジ4.37     | SCREW 4.37               |    |
| 3       | 141699001 | 1    | テイシレバーオシバネ   | SPRING, COMPRESSION      |    |
| 4       | 141700001 | 1    | ヒジヨウテイシテコ    | EMERGENCY STOP LEVER     |    |
| 5       | 141701001 | 1    | ザガネ          | WASHER                   |    |
| 6       | 141702001 | 1    | テイシテコオサエネジ   | STOP LEVER PRESSER SCREW |    |
| 7       | 141703001 | 1    | ヒジヨウテイシコロホジタ | HOLDING PLATE            |    |
| 8       | 017681012 | 2    | ボルト4.37X10   | BOLT, M4.37X10           |    |
| 9       | 141704001 | 1    | ヒジヨウテイシセツシ   | EMERGENCY STOP JOINT     |    |
| 10      | 025680232 | 2    | ヒラザガネチユウ4.37 | WASHER, PLAIN M 4.37     |    |

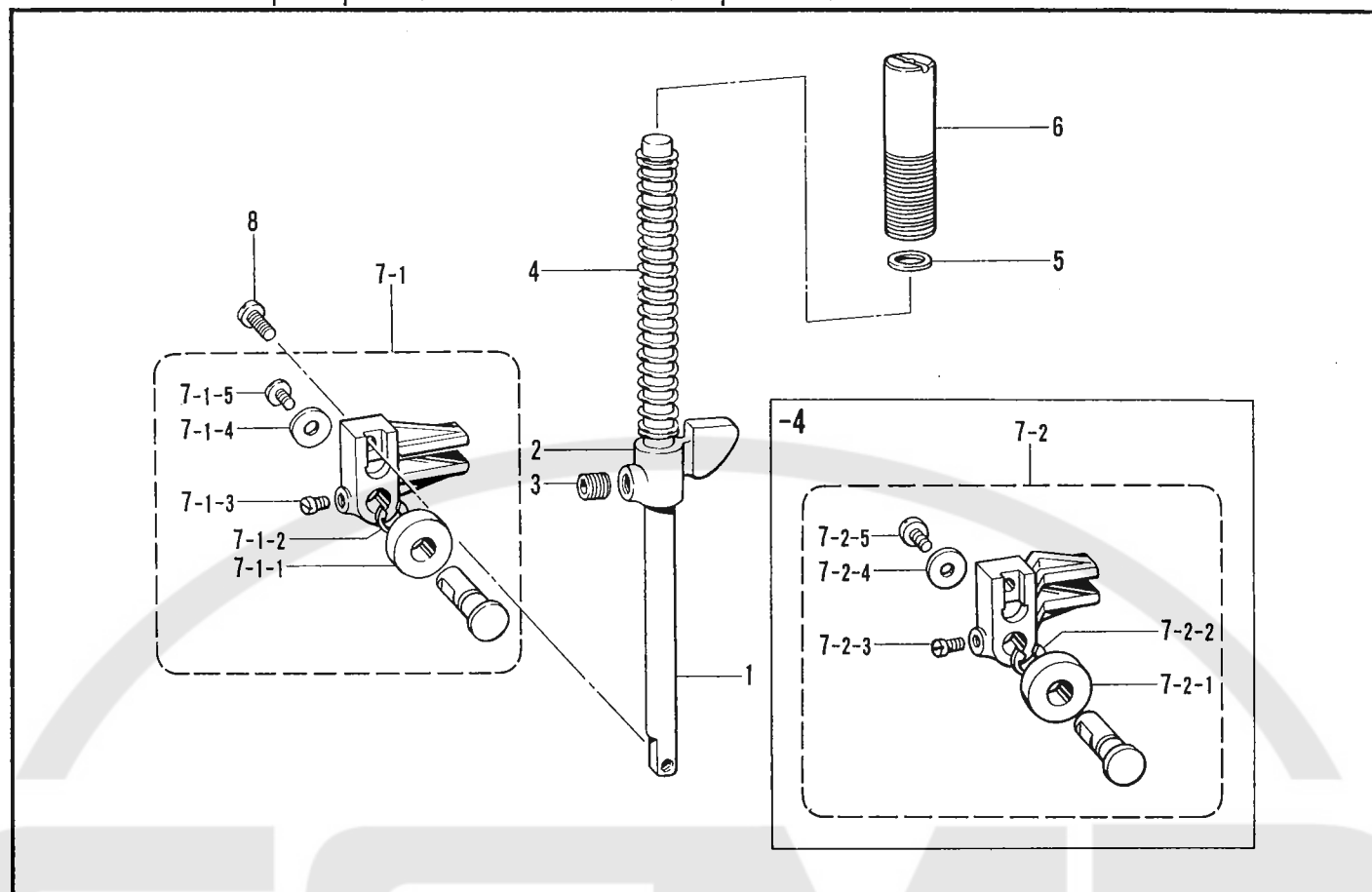
118-817-114

J. テンションプーリ関係/Tension pulley mechanism/Spannrolle/  
Mécanisme de la poulie de tension/Mecanismo de la polea de tensión

| REF.NO. | CODE      | Q'TY | ヒンメイ         | NAME OF PARTS               | RM |
|---------|-----------|------|--------------|-----------------------------|----|
| 1       | 141621001 | 1    | テンションプーリクミ   | TENSION PULLEY ASSY         |    |
| 1-1     | 141622000 | 1    | テンションプーリ     | TENSION PULLEY              |    |
| 1-2     | 072600040 | 2    | タマジクウケ6000DD | BALL BEARING 6000DD         |    |
| 1-3     | 142342000 | 1    | カラー          | WASHER                      |    |
| 1-4     | 141316001 | 1    | ザガネ          | WASHER                      |    |
| 1-5     | 110185002 | 4    | サラネジ3.18     | SCREW, FLAT M3.18           |    |
| 1-6     | 141623001 | 1    | テンションプーリジク   | TENSION PULLEY SHAFT        |    |
| 1-7     | 048090342 | 1    | トメワE9        | RETAINING RING, E9          |    |
| 1-8     | 141624001 | 1    | テンションプーリウデ   | TENSION PULLEY ARM          |    |
| 1-9     | 141625001 | 1    | テンションシヒヨウイタ  | TENSION PULLEY INDICATOR    |    |
| 1-10    | 062670612 | 2    | ナベコ357-40X6  | SCREW, PAN M3.57-40X6       |    |
| 1-11    | 143917001 | 1    | テンションレバー     | TENSION PULLEY LEVER        |    |
| 1-12    | 141627001 | 1    | テンションレバーザガネ  | WASHER                      |    |
| 1-13    | 062671212 | 2    | ナベコ357-40X12 | SCREW, PAN M3.57-40X12      |    |
| 1-14    | 141628001 | 1    | テンションプーリツメ   | TENSION PULLEY CLAW         |    |
| 1-15    | 141629001 | 1    | テンションプーリツメジク | TENSION PULLEY CLAW STUD    |    |
| 1-16    | 141630001 | 1    | テンションプーリツメバネ | SPRING                      |    |
| 1-17    | 141631001 | 1    | カラー          | COLLAR                      |    |
| 1-18    | 048030342 | 2    | トメワE3        | RETAINING RING, E3          |    |
| 1-19    | 047250842 | 2    | スプリングピンAW2.5 | PIN, SPRING ROLL AW2.5      |    |
| 1-20    | 143914001 | 1    | テンションレバーS    | TENSION LEVER (S)           |    |
| 2       | 141632101 | 1    | ダンネジ7.94     | STUD SCREW 7.94             |    |
| 3       | 141633001 | 1    | ラチエツトクミ      | TENSION PULLEY RATCHET ASSY |    |
| 4       | 062680812 | 3    | ナベコ437-40X8  | SCREW, PAN M4.37-40X8       |    |

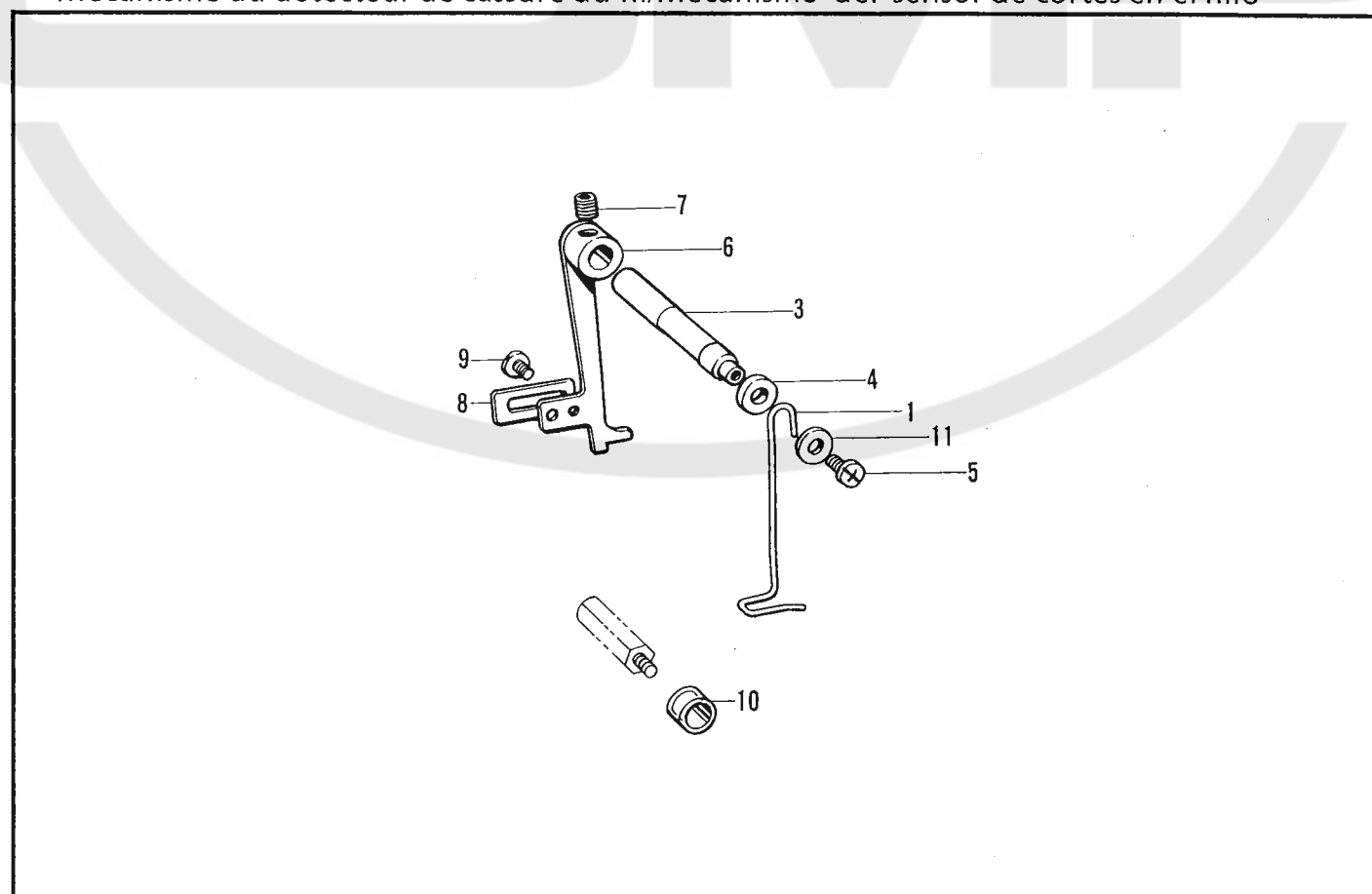
118-817-126

K. 押工関係/Presser foot mechanism/Stoffdrückerfuß/  
Mécanisme de pied presseur/Mecanismo de la prensa tela



118-817-201

L. 糸切れ感知関係/Thread breakage detector mechanism/Fadenbruchfühler/  
Mécanisme du détecteur de cassure du fil/Mecanismo del sensor de cortes en el hilo



118-817-219

K. 押工関係/Presser foot mechanism/Stoffdrückerfuß/  
Mécanisme de pied presseur/Mecanismo de la prensa tela

| REF.NO.    | CODE      | Q'TY | ヒンメイ           | NAME OF PARTS                | RM |
|------------|-----------|------|----------------|------------------------------|----|
| 1          | 141449001 | 1    | オサエボウ          | PRESSER BAR                  |    |
| 2          | 141450001 | 1    | オサエボウダキ        | PRESSER BAR CLAMP            |    |
| 3          | 014770622 | 1    | アナトメネジ6.35クボミ  | SET SCREW, SOCKET (CP) M6.35 |    |
| 4          | 141451001 | 1    | オサエバネL         | SPRING (L)                   |    |
| 5          | 100281001 | 1    | ザガネ            | WASHER                       |    |
| 6          | 141454009 | 1    | オサエチヨウセツネジ     | ADJUST SCREW                 |    |
| 8          | 062681012 | 1    | ナベコ437-40X10   | SCREW, PAN M4.37-40X10       |    |
| <-2,-3,-5> |           |      |                |                              |    |
| 7-1        | 141455001 | 1    | オサエローラクミ       | PRESSER BAR ROLLER ASSY      |    |
| 7-1-1      | 156879001 | 1    | ローラ 7X17       | ROLLER 7X17                  |    |
| 7-1-2      | 048060342 | 1    | トメワE6          | RETAINING RING, E6           |    |
| 7-1-3      | 100366002 | 1    | マルヒラトメネジ4.37X5 | SET SCREW 4.37X5             |    |
| 7-1-4      | 025350332 | 1    | ヒラザガネダイ3.5     | WASHER, PLAIN L 3.5          |    |
| 7-1-5      | 060670512 | 1    | バインド357-40X5   | SCREW, BIND M3.57-40X5       |    |
| <-4>       |           |      |                |                              |    |
| 7-2        | 145377001 | 1    | オサエローラクミ       | PRESSER BAR ROLLER ASSY      |    |
| 7-2-1      | 156880001 | 1    | ローラ 7X14       | ROLLER 7X14                  |    |
| 7-2-2      | 048060342 | 1    | トメワE6          | RETAINING RING, E6           |    |
| 7-2-3      | 100366002 | 1    | マルヒラトメネジ4.37X5 | SET SCREW 4.37X5             |    |
| 7-2-4      | 025350332 | 1    | ヒラザガネダイ3.5     | WASHER, PLAIN L 3.5          |    |
| 7-2-5      | 060670512 | 1    | バインド357-40X5   | SCREW, BIND M3.57-40X5       |    |

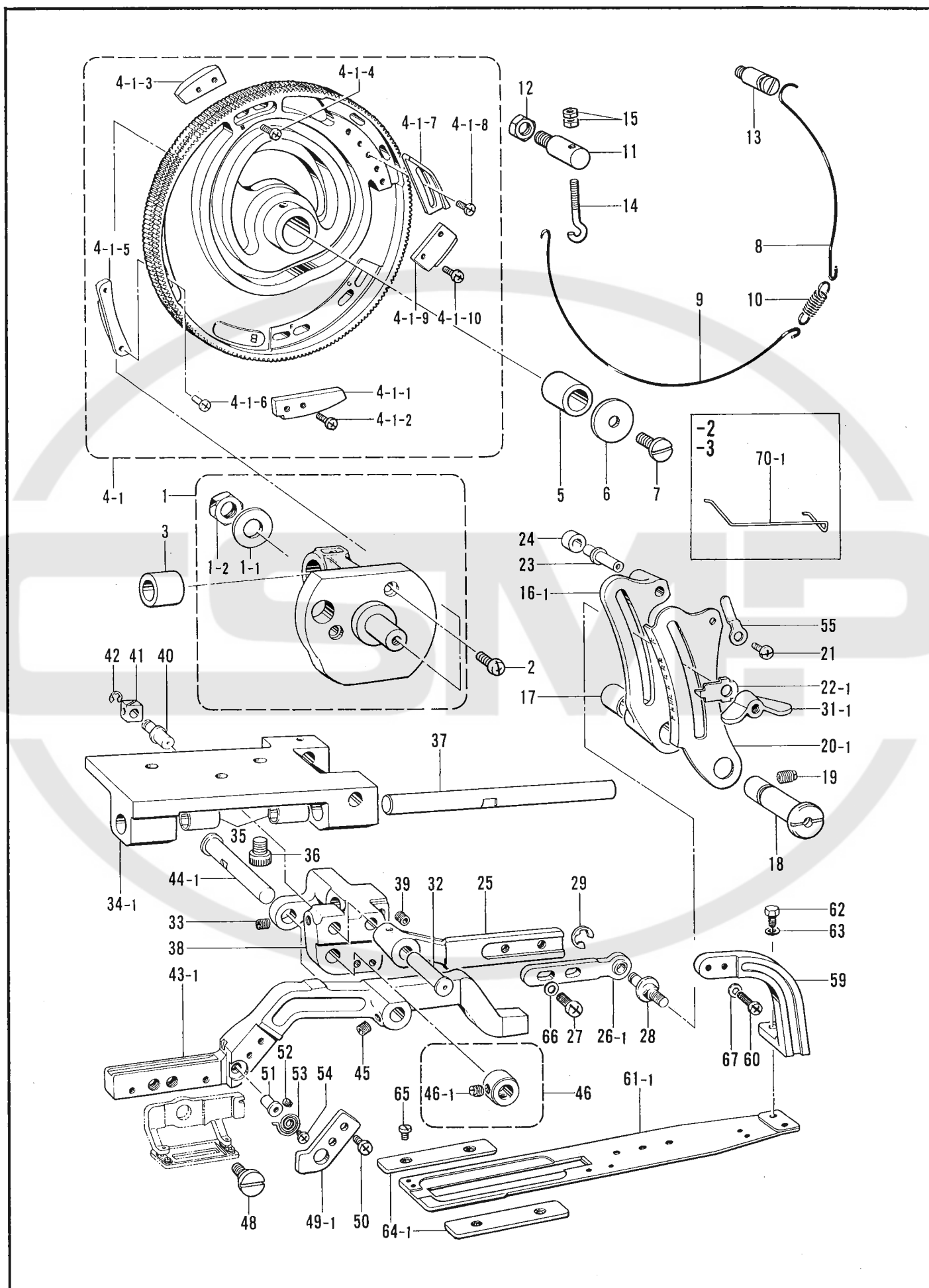
118-817-201

L. 糸切れ感知関係/Thread breakage detector mechanism/Fadenbruchfühler/  
Mécanisme du détecteur de cassure du fil/Mecanismo del sensor de cortes en el hilo

| REF.NO. | CODE      | Q'TY | ヒンメイ         | NAME OF PARTS                       | RM |
|---------|-----------|------|--------------|-------------------------------------|----|
| 1       | 141614001 | 1    | イトキレカンチセツシ   | THREAD BREAKAGE PERCEIVING WIRE     |    |
| 3       | 141616001 | 1    | イトキレカンチレバージク | THREAD BREAKAGE PERCEIVING WIRE BAR |    |
| 4       | 141617001 | 1    | カンチレバージクカラー  | COLLAR                              |    |
| 5       | 060670612 | 1    | バインド357-40X6 | SCREW, BIND M3.57-40X6              |    |
| 6       | 141619001 | 1    | カツタオチボウシイタ   | CUTTER BAR FIXED PLATE              |    |
| 7       | 013760612 | 1    | トメネジ5.95クボミ  | SET SCREW, (CP) M5.95               |    |
| 8       | 141620001 | 1    | ボウシイタバランス    | BALANCE                             |    |
| 9       | 101671002 | 1    | シメネジ4.37     | SCREW 4.37                          |    |
| 10      | 146253000 | 1    | チューブ (L=5)   | OIL TUBE (L=5)                      |    |
| 11      | 025350332 | 1    | ヒラザガネダイ3.5   | WASHER, PLAIN L 3.5                 |    |

118-817-219

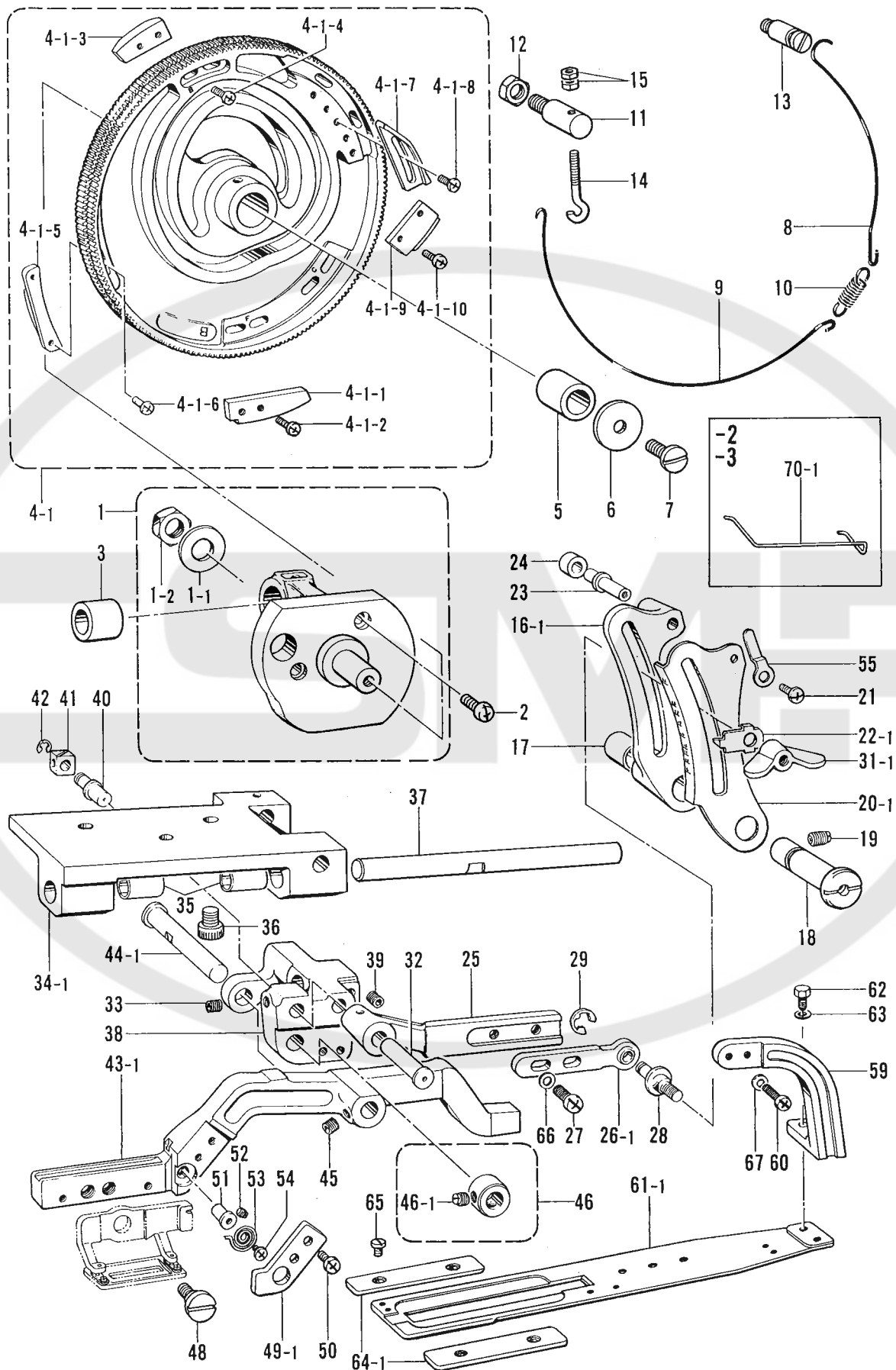
M1. 送り関係/Feed mechanism/Transportvorrichtung/  
Mécanisme de l'entraînement/Mecanismo de la alimentación



M1. 送り関係/Feed mechanism/Transportvorrichtung/  
Mécanisme de l'entraînement/Mecanismo de la alimentación

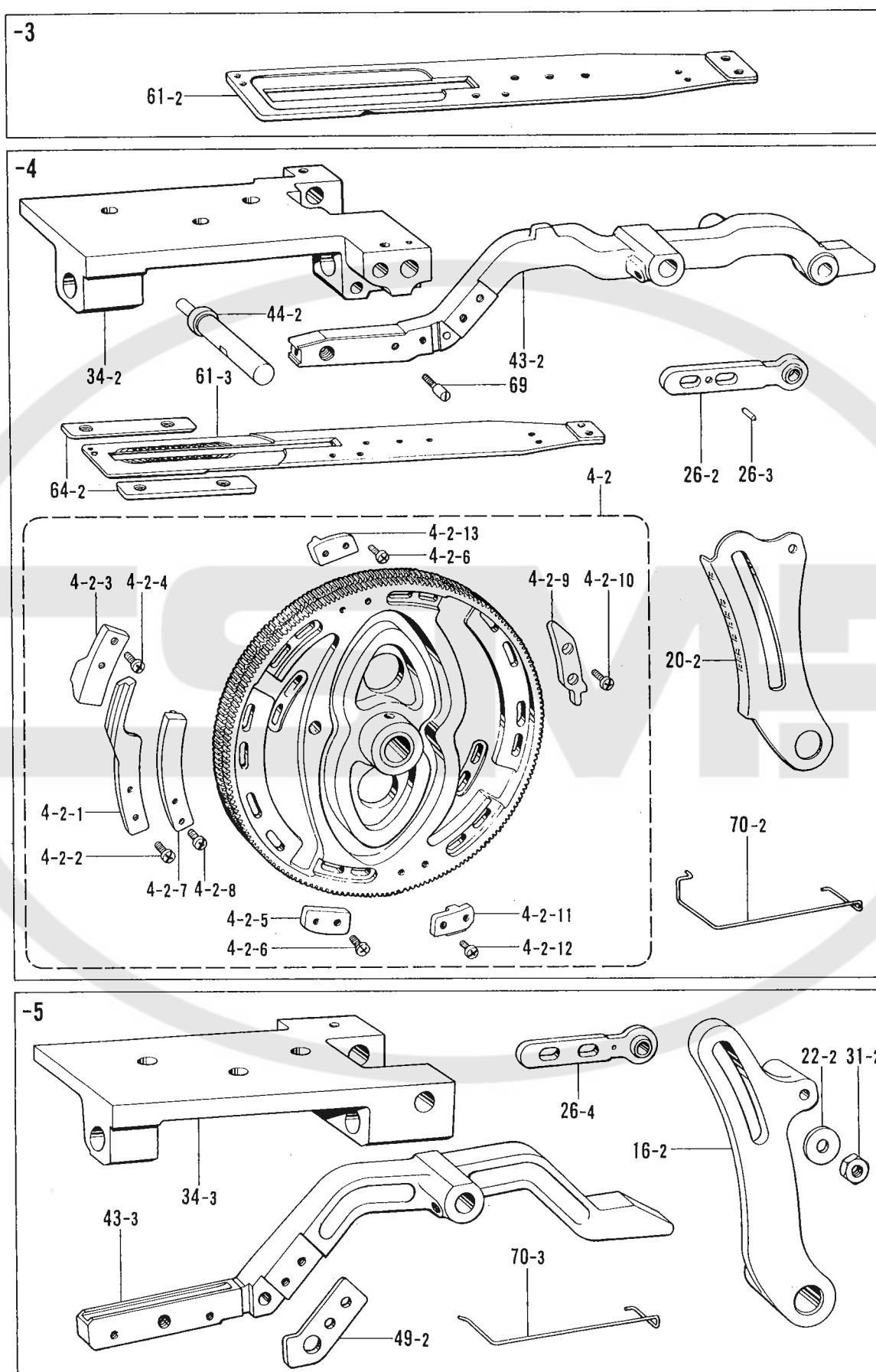
| REF.NO. | CODE      | Q'TY | 品名            | NAME OF PARTS                  | RM |
|---------|-----------|------|---------------|--------------------------------|----|
| 1       | 141401001 | 1    | オクリカムジククミ     | FEED CAM SHAFT ASSY            |    |
| 1-1     | 025900232 | 1    | ヒラザガネチユウ12.70 | WASHER, PLAIN M 12.70          |    |
| 1-2     | 021910302 | 1    | ナツト3シユ12.70   | NUT, 3 M12.70                  |    |
| 2       | 062761212 | 3    | ナベコ595-28X12  | SCREW, PAN M5.95-28X12         |    |
| 3       | 141404000 | 1    | カムジクドダイメタル    | FEED CAM SHAFT BRACKET BUSH    |    |
| 5       | 142375000 | 1    | オクリカムブシユ      | FEED CAM BUSH                  |    |
| 6       | 141400009 | 1    | ザガネ           | WASHER                         |    |
| 7       | 141408009 | 1    | シメネジヒダリ5.95   | SCREW 5.95 (LEFT)              |    |
| 8       | 141409001 | 1    | カムブレーキハリカネA   | CAM BRAKE WIRE (A)             |    |
| 9       | 141410001 | 1    | カムブレーキハリカネB   | CAM BRAKE WIRE (B)             |    |
| 10      | 141411001 | 1    | カムブレーキヒキバネ    | SPRING, EXTENSION              |    |
| 11      | 141412001 | 1    | カムブレーキハリカネカケA | CAM BRAKE WIRE HOOK (A)        |    |
| 12      | 106147002 | 1    | ナツト7.94       | NUT 7.94                       |    |
| 13      | 141413001 | 1    | カムブレーキハリカネカケB | CAM BRAKE WIRE HOOK (B)        |    |
| 14      | 140947002 | 1    | ウワイタチヨウセツネジ   | ADJUST SCREW                   |    |
| 15      | 021400102 | 2    | ナツト1シユ4       | NUT, 1 M4                      |    |
| 17      | 142372000 | 2    | DUブシユ         | (DU) BUSH                      |    |
| 18      | 141417009 | 1    | オクリチヨウセツレバーク  | LENGTH FEED ADJUST LEVER SHAFT |    |
| 19      | 151605002 | 1    | トメネジ5.95      | SET SCREW, M5.95               |    |
| 21      | 062670612 | 1    | ナベコ357-40X6   | SCREW, PAN M3.57-40X6          |    |
| 23      | 141420001 | 1    | オクリコロジク       | ROLLER SHAFT                   |    |
| 24      | 107550002 | 1    | コロ            | ROLLER                         |    |
| 25      | 141421009 | 1    | オクリレバーA       | FEED LEVER (A)                 |    |
| 27      | 062761012 | 2    | ナベコ595-28X10  | SCREW, PAN M5.95-28X10         |    |
| 28      | 147945001 | 1    | オクリレバーBジク     | FEED LEVER (B) JOINT           |    |
| 29      | 048050342 | 1    | トメワE5         | RETAINING RING, E5             |    |
| 32      | 141426001 | 1    | オクリレバーAジク     | FEED LEVER (A) STUD            |    |
| 33      | 014770622 | 1    | アナトメネジ6.35クボミ | SET SCREW, SOCKET (CP) M6.35   |    |
| 35      | 142374000 | 2    | DUブシユ         | (DU) BUSH                      |    |
| 36      | 018081422 | 3    | アナボルト8X14     | BOLT, SOCKET M8X14             |    |
| 37      | 141429001 | 1    | オクリアンナジク      | FEED GUIDE SHAFT               |    |
| 38      | 141430009 | 1    | オクリウデシテン      | FEED ARM BRACKET               |    |
| 39      | 014770622 | 1    | アナトメネジ6.35クボミ | SET SCREW, SOCKET (CP) M6.35   |    |
| 40      | 141431001 | 1    | オクリウデシテンジク    | FEED ARM FULCRUM SHAFT         |    |
| 41      | 118215001 | 1    | オクリダイカクコマ     | FEED BAR SLIDE BLOCK           |    |
| 42      | 048040342 | 1    | トメワE4         | RETAINING RING, E4             |    |
| 45      | 014770622 | 1    | アナトメネジ6.35クボミ | SET SCREW, SOCKET (CP) M6.35   |    |
| 46      | 181969003 | 1    | セツトカラークミ      | SET COLLAR ASSY                |    |
| 46-1    | 101706003 | 2    | トメネジ6.35      | SET SCREW, M6.35               |    |
| 48      | 141439001 | 1    | ダンネジ6.35      | STUD SCREW 6.35                |    |
| 50      | 062680612 | 2    | ナベコ4.37-40X6  | SCREW, PAN M4.37-40X6          |    |
| 51      | 141441001 | 1    | スノツカミササエバネジク  | SPRING SHAFT                   |    |
| 52      | 151601002 | 1    | トメネジ4.37      | SET SCREW, M4.37               |    |
| 53      | 141442001 | 1    | スノツカミササエバネ    | SPRING                         |    |
| 54      | 062660412 | 1    | ナベコ318-40X4   | SCREW, PAN M3.18-40X4          |    |
| 66      | 118735002 | 2    | ザガネ           | WASHER                         |    |

M1. 送り関係/Feed mechanism/Transportvorrichtung/  
Mécanisme de l'entraînement/Mecanismo de la alimentación



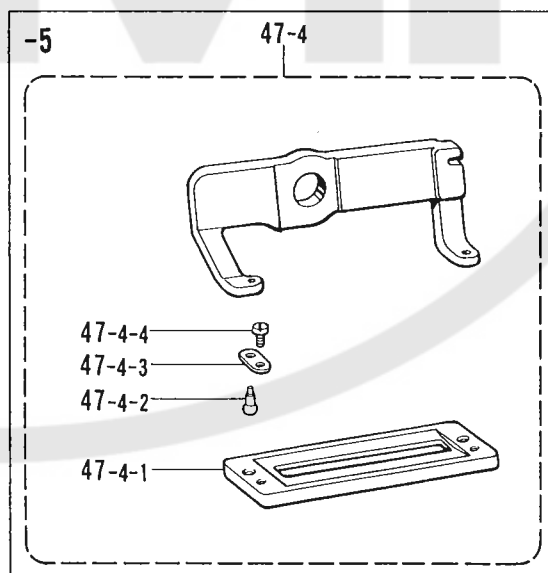
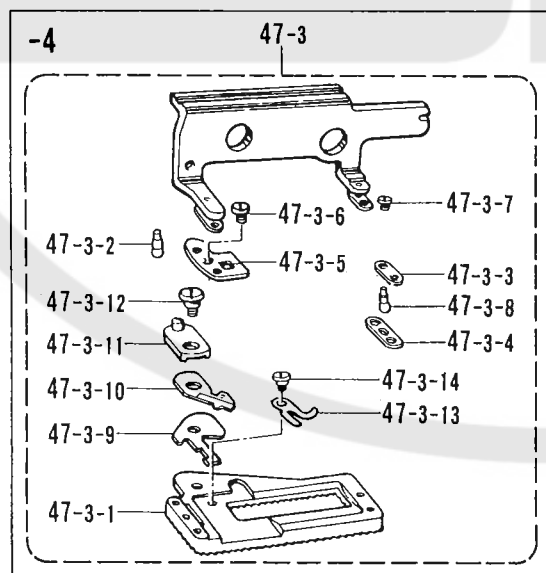
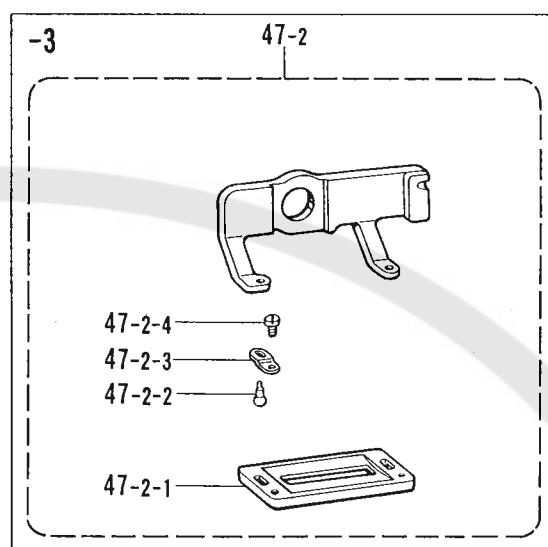
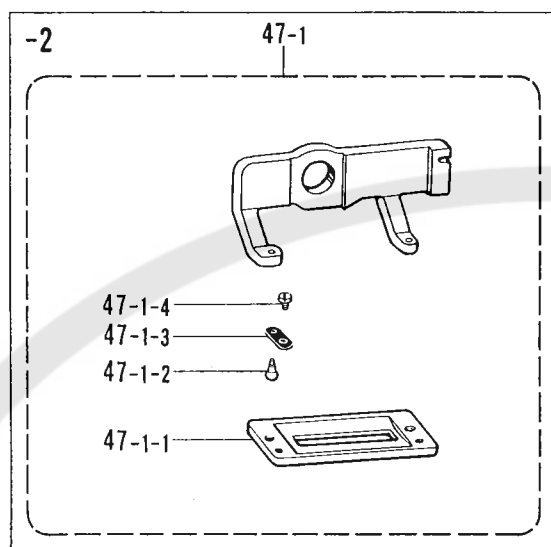
M1. 送り関係/Feed mechanism/Transportvorrichtung/  
Mécanisme de l'entraînement/Mecanismo de la alimentación

| REF.NO. | CODE      | Q'TY | ヒンメイ         | NAME OF PARTS                   | RM |
|---------|-----------|------|--------------|---------------------------------|----|
|         |           |      | <-2,-3,-5>   |                                 |    |
| 4-1     | 143942101 | 1    | オクリカムクミ      | FEED CAM ASSY                   |    |
| 4-1-1   | 143943001 | 1    | イトユルメカムヘンF   | TENSION RELEASE CAM SEGMENT (F) |    |
| 4-1-2   | 062681012 | 2    | ナベコ437-40X10 | SCREW, PAN M4.37-40X10          |    |
| 4-1-3   | 143944001 | 1    | イトユルメカムヘンB   | TENSION RELEASE CAM SEGMENT (B) |    |
| 4-1-4   | 062681212 | 2    | ナベコ437-40X12 | SCREW, PAN M4.37-40X12          |    |
| 4-1-5   | 141445001 | 2    | カントメカムヘン     | BAR TACK CAM SEGMENT            |    |
| 4-1-6   | 062681212 | 4    | ナベコ437-40X12 | SCREW, PAN M4.37-40X12          |    |
| 4-1-7   | 141446001 | 1    | テイシカムヘンA     | STOP CAM SEGMENT (A)            |    |
| 4-1-8   | 062681012 | 2    | ナベコ437-40X10 | SCREW, PAN M4.37-40X10          |    |
| 4-1-9   | 141448001 | 1    | カツタカムヘン      | CUTTER CAM SEGMENT              |    |
| 4-1-10  | 062681012 | 2    | ナベコ437-40X10 | SCREW, PAN M4.37-40X10          |    |
| 44-1    | 141434001 | 1    | オクリウデジク      | FEED ARM SHAFT                  |    |
|         |           |      | <-2,-3>      |                                 |    |
| 20-1    | 143740001 | 1    | オクリメモリイタ     | STITCH LENGTH CONTROL PLATE     |    |
| 26-1    | 141422001 | 1    | オクリレバーBクミ    | FEED LEVER (B) ASSY             |    |
| 34-1    | 141427009 | 1    | オクリアンナイズクドダイ | FEED GUIDE SHAFT BRACKET        |    |
| 43-1    | 141433009 | 1    | ナガサオクリウデ     | LENGTH FEED ARM                 |    |
| 64-1    | 143743001 | 2    | ナガサオクリイタアンナイ | LENGTH FEED GUIDE PLATE         |    |
| 70-1    | 150562000 | 1    | -----        | FINGER GUARD (M)                |    |
|         |           |      | <-2,-3,-4>   |                                 |    |
| 16-1    | 143739009 | 1    | オクリチヨウセツレバー  | LENGTH FEED ADJUST LEVER        |    |
| 22-1    | 141419001 | 1    | メモリシジイタ      | LENGTH FEED INDICATOR           |    |
| 31-1    | 118262002 | 1    | チヨウセツナツト5.95 | NUT 5.95                        |    |
| 49-1    | 141440001 | 1    | ヌノツカミササエアンナイ | GUIDE PLATE                     |    |
| 55      | 144541001 | 1    | メモリイタストツバ    | LENGTH CONTROL PLATE STOPPER    |    |
| 59      | 143738009 | 1    | シタオクリウデ      | LOWER FEED ARM                  |    |
| 60      | 062682012 | 2    | ナベコ437-40X20 | SCREW, PAN M4.37-40X20          |    |
| 62      | 017681012 | 2    | ボルト4.37X10   | BOLT, M4.37X10                  |    |
| 63      | 100645003 | 2    | ザガネ          | WASHER                          |    |
| 65      | 106568003 | 4    | シメネジ3.57     | SCREW 3.57                      |    |
| 67      | 100645003 | 2    | ザガネ          | WASHER                          |    |
|         |           |      | <-2>         |                                 |    |
| 61-1    | 145248001 | 1    | ナガサオクリイタ     | LENGTH FEED PLATE               |    |



M2 . 送り関係/Feed mechanism/Transportvorrichtung/  
Mécanisme de l'entraînement/Mecanismo de la alimentación

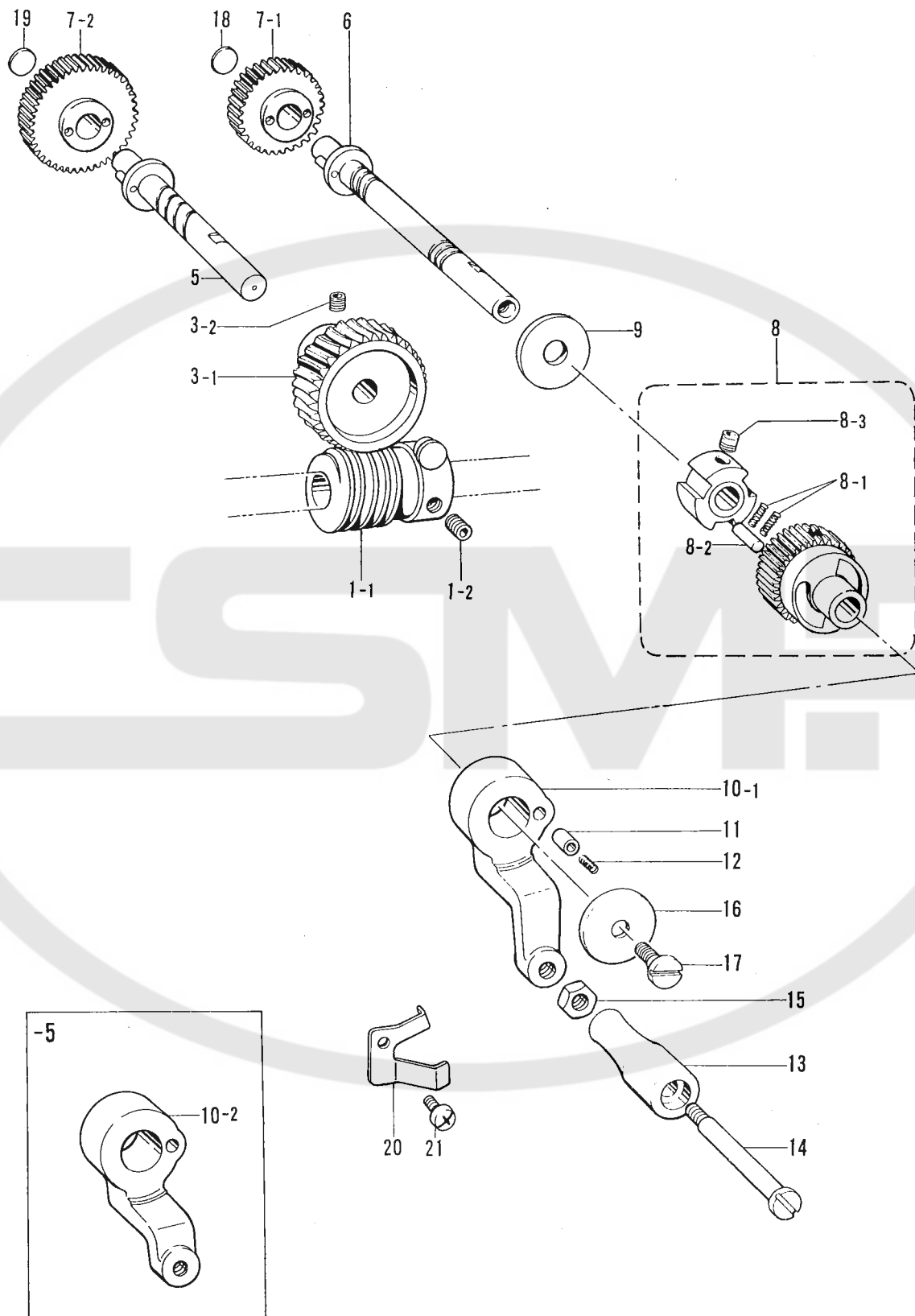
| REF.NO. | CODE      | Q'TY | ヒンメイ                | NAME OF PARTS               | RM |
|---------|-----------|------|---------------------|-----------------------------|----|
| 61-2    | 144627001 | 1    | <-3><br>ナガサオクリイタ    | LENGTH FEED PLATE           |    |
| 4-2     | 146336001 | 1    | <-4><br>オクリカムクミ     | FEED CAM ASSY               |    |
| 4-2-1   | 145348001 | 2    | オシカム                | PUSH CAM                    |    |
| 4-2-2   | 062681212 | 4    | ナベコ437-40X12        | SCREW, PAN M4.37-40X12      |    |
| 4-2-3   | 146338001 | 2    | フリカムB               | ZIGZAG CAM SEGMENT (B)      |    |
| 4-2-4   | 062681212 | 4    | ナベコ437-40X12        | SCREW, PAN M4.37-40X12      |    |
| 4-2-5   | 145350001 | 1    | フリカムF               | ZIGZAG CAM SEGMENT (F)      |    |
| 4-2-6   | 062681012 | 4    | ナベコ437-40X10        | SCREW, PAN M4.37-40X10      |    |
| 4-2-7   | 145351001 | 2    | カントメカム              | BAR TACK CAM SEGMENT        |    |
| 4-2-8   | 062680812 | 4    | ナベコ437-40X8         | SCREW, PAN M4.37-40X8       |    |
| 4-2-9   | 145352001 | 1    | テイシカム               | STOP CAM SEGMENT            |    |
| 4-2-10  | 062680812 | 2    | ナベコ437-40X8         | SCREW, PAN M4.37-40X8       |    |
| 4-2-11  | 145353001 | 1    | カツターカム              | CUTTER CAM SEGMENT          |    |
| 4-2-12  | 062681012 | 2    | ナベコ437-40X10        | SCREW, PAN M4.37-40X10      |    |
| 4-2-13  | 146130001 | 1    | フリカムFB              | ZIGZAG CAM SEGMENT (FB)     |    |
| 20-2    | 145359001 | 1    | オクリメモロイタ            | STITCH LENGTH CONTROL PLATE |    |
| 26-2    | 145445001 | 1    | オクリレバーBクミ           | FEED LEVER (B) ASSY         |    |
| 26-3    | 047400842 | 1    | スプリングピンAW4X8        | PIN, SPRING ROLL AW4X8      |    |
| 34-2    | 145354009 | 1    | オクリアンナイジクドダイ        | FEED GUIDE SHAFT BRACKET    |    |
| 43-2    | 145356009 | 1    | ナガサオクリウデ            | LENGTH FEED ARM             |    |
| 44-2    | 145355001 | 1    | オクリウデジク             | FEED ARM SHAFT              |    |
| 61-3    | 145357001 | 1    | ナガサオクリイタ            | LENGTH FEED PLATE           |    |
| 64-2    | 145358001 | 2    | ナガサオクリイタアンナイ        | LENGTH FEED PLATE GUIDE     |    |
| 69      | 115120001 | 1    | ハリカズヘンカンギヤピン        | PIN                         |    |
| 70-2    | 150566000 | 1    | -----               | FINGER GUARD (M)            |    |
| 16-2    | 147229009 | 1    | <-5><br>オクリチヨウセツレバー | LENGTH FEED ADJUST LEVER    |    |
| 22-2    | 025060332 | 1    | ヒラザガネダイ6            | WASHER, PLAIN L 6           |    |
| 26-4    | 147939001 | 1    | オクリレバーBクミ           | FEED LEVER (B) ASSY         |    |
| 31-2    | 106588003 | 1    | ナツト5.95             | NUT 5.95                    |    |
| 34-3    | 151583009 | 1    | オクリアンナイジクドダイ        | FEED GUIDE SHAFT BRACKET    |    |
| 43-3    | 147228009 | 1    | ナガサオクリウデ            | LENGTH FEED ARM             |    |
| 49-2    | 147232001 | 1    | ヌノツカミササエアンナイ        | GUIDE PLATE                 |    |
| 70-3    | 150564000 | 1    | -----               | FINGER GUARD (LL)           |    |



M3 . 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                     | RM |
|---------|-----------|------|----------------|-----------------------------------|----|
|         |           |      | <フィンガーガード用>    | <For finger guard>                |    |
|         |           |      | <-2>           |                                   |    |
| 47-1    | 150764001 | 1    | ヌノツカミ25クミ      | UPPER CLAMPING FOOT ASSY (25MM)   |    |
| 47-1-1  | 144498001 | 1    | ヌノツカミゴム        | UPPER CLAMPING FOOT RUBBER        |    |
| 47-1-2  | 144496001 | 2    | ヌノツカミササエピン     | PIN                               |    |
| 47-1-3  | 107401001 | 2    | ヌノツカミササエイタバネ   | SPRING,PLATE                      |    |
| 47-1-4  | 107404001 | 2    | シメネジ1.98       | SCREW 1.98                        |    |
|         |           |      | <-3>           |                                   |    |
| 47-2    | 150768001 | 1    | ニツトヨウヌノツカミ25クミ | UPPER CLAMPING FOOT ASSY (25MM-3) |    |
| 47-2-1  | 144630001 | 1    | ニツトヨウヌノツカミ     | UPPER CLAMPING FOOT               |    |
| 47-2-2  | 144496001 | 2    | ヌノツカミササエピン     | PIN                               |    |
| 47-2-3  | 144707001 | 2    | ヌノツカミササエイタバネ   | SPRING,PLATE                      |    |
| 47-2-4  | 107404001 | 2    | シメネジ1.98       | SCREW 1.98                        |    |
|         |           |      | <-4>           |                                   |    |
| 47-3    | 150770001 | 1    | ヌノツカミ(25-4)クミ  | UPPER CLAMPING FOOT ASSY (25MM-4) |    |
| 47-3-1  | 145362001 | 1    | ヌノツカミ(25-4)    | UPPER CLAMPING FOOT (25MM-4)      |    |
| 47-3-2  | 144496001 | 1    | ヌノツカミササエピン     | PIN                               |    |
| 47-3-3  | 107401001 | 1    | ヌノツカミササエイタバネ   | SPRING,PLATE                      |    |
| 47-3-4  | 145365001 | 1    | ヌノツカミイタバネ      | SPRING,PLATE                      |    |
| 47-3-5  | 145366001 | 1    | イトオサエ          | THREAD PRESSER                    |    |
| 47-3-6  | 111105001 | 2    | シメネジ2.38       | SCREW 2.38                        |    |
| 47-3-7  | 107404001 | 1    | シメネジ1.98       | SCREW 1.98                        |    |
| 47-3-8  | 146034001 | 1    | ヌノツカミササエピン     | PIN                               |    |
| 47-3-9  | 145367001 | 1    | ヒモキリコティバ       | GIMP TRIMMING FIXED KNIFE         |    |
| 47-3-10 | 145731001 | 1    | ヒモキリイドウハクミ     | GIMP TRIMMING MOVABLE KNIFE ASSY  |    |
| 47-3-11 | 145369001 | 1    | ヒモキリクランク       | GIMP TRIMMING CRANK               |    |
| 47-3-12 | 145370001 | 1    | ダンネジ3.57       | STUD SCREW 3.57                   |    |
| 47-3-13 | 145373001 | 1    | ヒモヨセレバー        | GIMP DETACH LEVER                 |    |
| 47-3-14 | 145371001 | 1    | ダンネジ2.38       | STUD SCREW 2.38                   |    |
|         |           |      | <-5>           |                                   |    |
| 47-4    | 150766001 | 1    | ヌノツカミ50クミ      | UPPER CLAMPING FOOT ASSY (50MM)   |    |
| 47-4-1  | 147230001 | 1    | ヌノツカミ50        | UPPER CLAMPING FOOT (50MM)        |    |
| 47-4-2  | 144496001 | 2    | ヌノツカミササエピン     | PIN                               |    |
| 47-4-3  | 107401001 | 2    | ヌノツカミササエイタバネ   | SPRING,PLATE                      |    |
| 47-4-4  | 107404001 | 2    | シメネジ1.98       | SCREW 1.98                        |    |

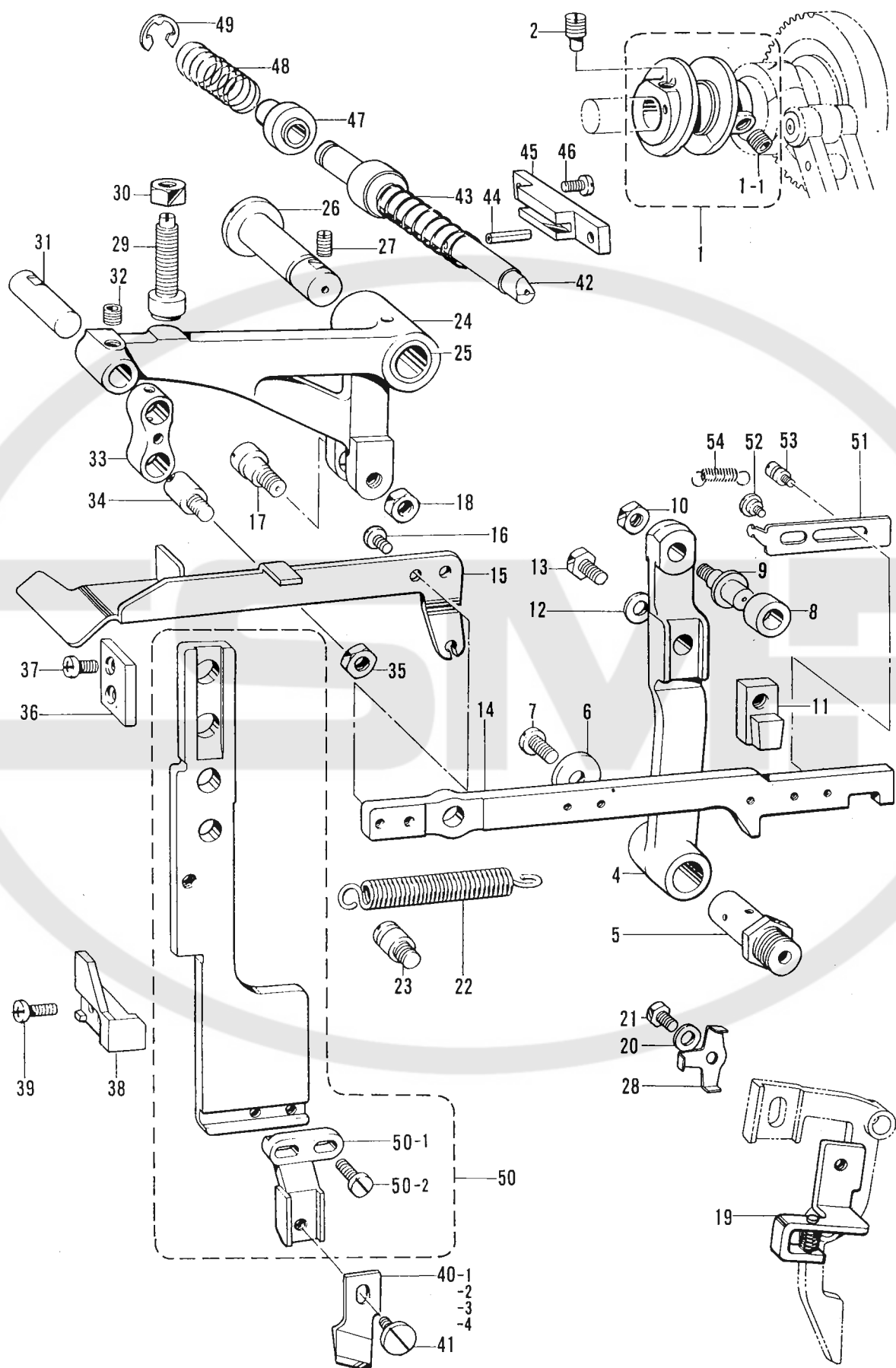
N. カム伝導関係/Feed cam mechanism/Transporteurkurve/  
Mécanisme de la came d'entraînement/Mecanismo de la leva de alimentación



N. カム伝導関係/Feed cam mechanism/Transporteurkurve/  
Mécanisme de la came entraînement/Mecanismo de la leva de alimentación

| REF.NO. | CODE      | Q'TY | ヒンメイ                  | NAME OF PARTS                | RM |
|---------|-----------|------|-----------------------|------------------------------|----|
| 1       | 183704001 | 1    | ウオームクミ                | WORM ASSY                    |    |
| 1-1     | 141367001 | 1    | ウオーム                  | WORM                         |    |
| 1-2     | 014770622 | 2    | アナトメネジ6.35クボミ         | SET SCREW, SOCKET (CP) M6.35 |    |
| 3       | 183705001 | 1    | ウオームギヤクミ              | WORM GEAR ASSY               |    |
| 3-1     | 141368000 | 1    | ウオームギヤ                | WORM GEAR                    |    |
| 3-2     | 014770622 | 2    | アナトメネジ6.35クボミ         | SET SCREW, SOCKET (CP) M6.35 |    |
| 5       | 141369101 | 1    | ウオームギヤジククミ            | WORM GEAR SHAFT ASSY         |    |
| 6       | 141714001 | 1    | チェンジギヤジククミ            | CHANGE GEAR SHAFT ASSY       |    |
| 8       | 141389001 | 1    | フリーホイールクミ             | FREE WHEEL CAM ASSY          |    |
| 8-1     | 141392001 | 6    | フリーホイールカムオシバネ         | SPRING, COMPRESSION          |    |
| 8-2     | 141393001 | 3    | ニードルコロ                | NEEDLE ROLLER                |    |
| 8-3     | 014760622 | 2    | アナトメネジ5.95            | SET SCREW, SOCKET (CP) M5.95 |    |
| 9       | 141394001 | 1    | ザガネ                   | WASHER                       |    |
| 11      | 141396001 | 1    | クラツチピン                | CLUTCH PIN                   |    |
| 12      | 141397001 | 1    | クラツチオシバネ              | SPRING, COMPRESSION          |    |
| 13      | 141398009 | 1    | ハンドル                  | HANDLE                       |    |
| 14      | 141399001 | 1    | ハンドルジク                | HANDLE SHAFT                 |    |
| 15      | 150556001 | 1    | ナツト6.35               | NUT 6.35                     |    |
| 16      | 141400009 | 1    | ザガネ                   | WASHER                       |    |
| 17      | 142702001 | 1    | ダンネジ5.56              | STUD SCREW 5.56              |    |
| 18      | 142272001 | 1    | チェンジギヤモジイタR           | GEAR INDICATOR (R)           |    |
| 19      | 142273001 | 1    | チェンジギヤモジイタL           | GEAR INDICATOR (L)           |    |
| 20      | 147317001 | 1    | ハンドルレバーオサエバネ          | SPRING, PLATE                |    |
| 21      | 062680512 | 1    | ナベコ437-40X5           | SCREW, PAN M4.37-40X5        |    |
| 10-1    | S32997009 | 1    | <-2,-3,-4><br>ハンドルレバー | HANDLE LEVER                 |    |
| 10-2    | S32998009 | 1    | <-5><br>ハンドルレバー5      | HANDLE LEVER 5               |    |
| 7-1     | 141378000 | 1    | <-2,-4><br>チェンジギヤ34   | CHANGE GEAR 34               |    |
| 7-2     | 141382000 | 1    | チェンジギヤ42              | CHANGE GEAR 42               |    |
| 7-1     | 141374000 | 1    | <-3><br>チェンジギヤ26      | CHANGE GEAR 26               |    |
| 7-2     | 141386000 | 1    | チェンジギヤ50              | CHANGE GEAR 50               |    |
| 7-1     | 141377000 | 1    | <-5><br>チェンジギヤ32      | CHANGE GEAR 32               |    |
| 7-2     | 141383000 | 1    | チェンジギヤ44              | CHANGE GEAR 44               |    |

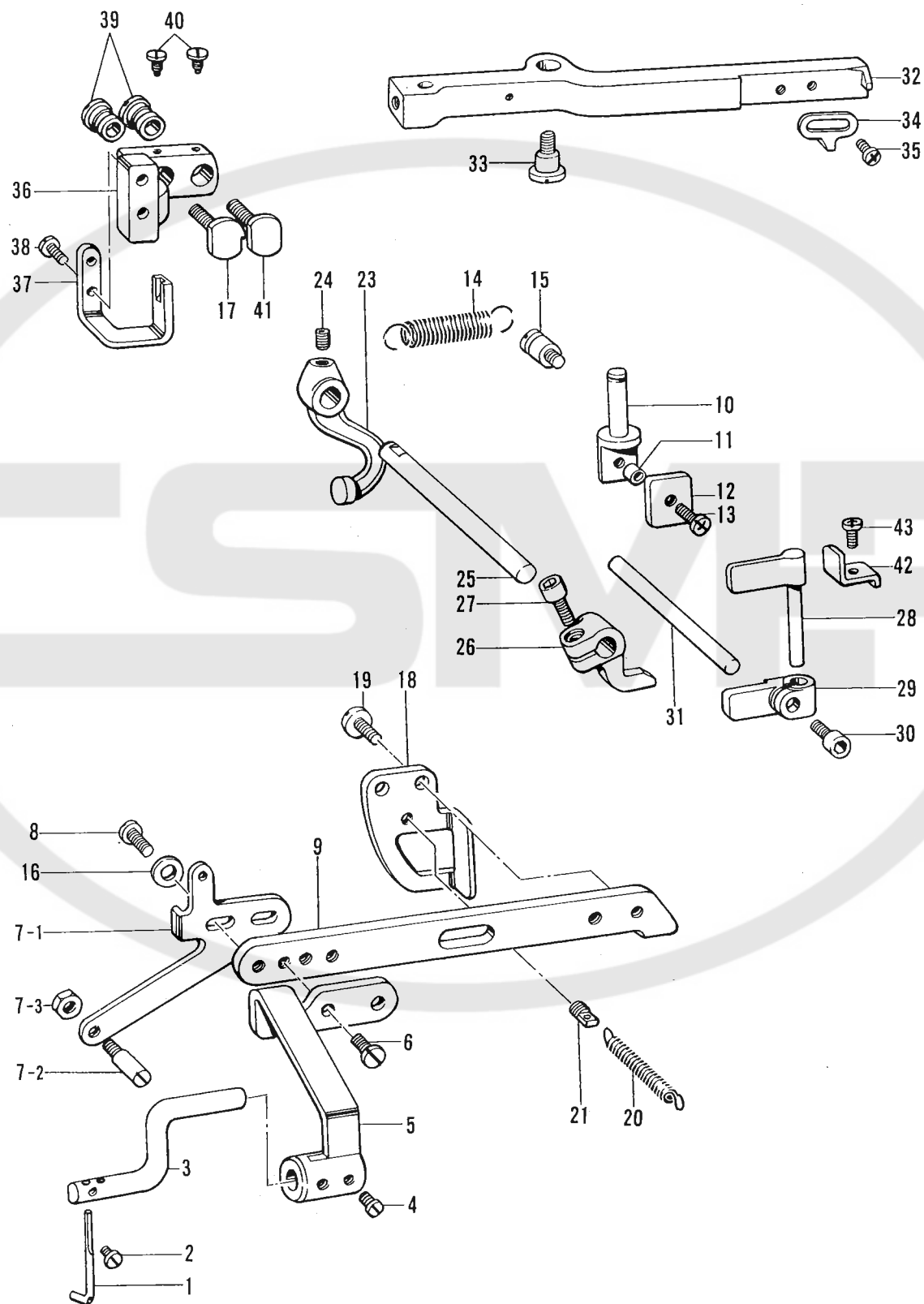
P. カッター関係/Cutter mechanism/Abschneidevorrichtung/  
Mécanisme de la coupe/Mecanismo de la corta



P. カッター関係/Cutter mechanism/Abschneidevorrichtung/  
Mécanisme de la coupe/Mecanismo de la corta

| REF.NO. | CODE      | Q'TY | ヒンメイ           | NAME OF PARTS                          | RM |
|---------|-----------|------|----------------|----------------------------------------|----|
| 1       | 181250001 | 1    | カッターカムネジツキ     | CUTTER CAM WITH SCREW                  |    |
| 1-1     | 014770622 | 1    | アナトメネジ6.35クボミ  | SET SCREW, SOCKET (CP) M6.35           |    |
| 2       | 141717001 | 1    | カッタカムセットネジ     | CUTTER CAM SET SCREW                   |    |
| 4       | 141462001 | 1    | カッタサドウレバー      | CUTTER CONNECTING LEVER                |    |
| 5       | 141463001 | 1    | カッタサドウレバーク     | LEVER SHAFT                            |    |
| 6       | 149095001 | 1    | ザガネ            | WASHER                                 |    |
| 7       | 062761212 | 1    | ナベコ595-28X12   | SCREW, PAN M5.95-28X12                 |    |
| 8       | 141464101 | 1    | カッタサドウコロ       | ROLLER                                 |    |
| 9       | 141465001 | 1    | カッタサドウコロジク     | ROLLER SHAFT                           |    |
| 10      | 106588003 | 1    | ナツト5.95        | NUT 5.95                               |    |
| 11      | 141466001 | 1    | カッタサドウカクコマ     | CUTTER CONNECTING SLIDE BLOCK          |    |
| 12      | 109893002 | 1    | ザガネ            | WASHER                                 |    |
| 13      | 017772012 | 1    | ボルト6.35X20     | BOLT, M6.35X20                         |    |
| 14      | 141467001 | 1    | カッタレバー         | CUTTER LEVER                           |    |
| 15      | S32999001 | 1    | カッタオチボウシレバー    | CUTTER STOP LEVER                      |    |
| 16      | 062680812 | 2    | ナベコ437-40X8    | SCREW, PAN M4.37-40X8                  |    |
| 17      | 141469001 | 1    | ヘンシンダンネジ       | STUD SCREW                             |    |
| 18      | 110744002 | 1    | ナツト6.35        | NUT 6.35                               |    |
| 19      | 143945001 | 1    | カッターレバーササエイトクミ | CUTTER LEVER SUPPORT PLATE ASSY        |    |
| 20      | 107453001 | 1    | ザガネ            | WASHER                                 |    |
| 21      | 017751412 | 1    | ボルト5.56X14     | BOLT, M5.56X14                         |    |
| 22      | 141471001 | 1    | カッタレバーヒキバネ     | SPRING, EXTENSION                      |    |
| 23      | 141472002 | 1    | シタイトキリレバーバネカケ  | SPRING HOOK                            |    |
| 24      | 141473009 | 1    | カッタテコ          | CUTTER BASE LIFTER LEVER               |    |
| 25      | 142376000 | 1    | カッタテコブシ        | CUTTER LEVER BUSH                      |    |
| 26      | 141417009 | 1    | オクリチヨウセツレバーク   | LENGTH FEED ADJUST LEVER SHAFT         |    |
| 27      | 014780622 | 1    | アナトメネジ6.35クボミ  | SET SCREW, SOCKET (CP) M6.35           |    |
| 28      | 143927001 | 1    | コティザガネ         | WASHER                                 |    |
| 29      | 141481001 | 1    | カッタテコトメクミ      | CUTTER BASE LIFTER STOPPER WITH RUBBER |    |
| 30      | 152998001 | 1    | ナツト9.52        | NUT 9.52                               |    |
| 31      | 141474001 | 1    | カッタサドウリンクジクA   | CUTTER DRIVING LINK STUD (A)           |    |
| 32      | 014770622 | 1    | アナトメネジ6.35クボミ  | SET SCREW, SOCKET (CP) M6.35           |    |
| 33      | 141475001 | 1    | カッタサドウリンク      | CUTTER BASE CONNECTING LINK            |    |
| 34      | 141476001 | 1    | カッタサドウリンクジクB   | CUTTER DRIVING LINK STUD (B)           |    |
| 35      | 150553003 | 1    | ナツト5.95        | NUT 5.95                               |    |
| 36      | 141478001 | 1    | カッタドダイアンナイU    | CUTTER BASE GUIDE (U)                  |    |
| 37      | 062680712 | 2    | ナベコ437-40X7    | SCREW, PAN M4.37-40X7                  |    |
| 38      | 141479001 | 1    | カッタドダイアンナイD    | CUTTER BASE GUIDE (D)                  |    |
| 39      | 062681412 | 2    | ナベコ437-40X14   | SCREW, PAN M4.37-40X14                 |    |
| 40-1    | 107200001 | 1    | カッタ1/2 <-2>    | CUTTER 1/2" <-2>                       |    |
| 40-2    | 107204001 | 1    | カッタ7/16 <-3>   | CUTTER 7/16" <-3>                      |    |
| 40-3    | 107205001 | 1    | カッタ5/8 <-4>    | CUTTER 5/8" <-4>                       |    |
| 40-4    | 147941001 | 1    | カッタ48 <-5>     | CUTTER 48" <-5>                        |    |
| 41      | 115503001 | 1    | シメネジ4.37       | SCREW 4.37                             |    |
| 42      | 141484001 | 1    | カッタクラツチボウ      | CUTTER CLUTCH BAR                      |    |
| 43      | 141485001 | 1    | カッタクラツチオシバネA   | SPRING, COMPRESSION (A)                |    |
| 44      | 047301842 | 1    | スプリングピンAW3     | PIN, SPRING 3X18                       |    |
| 45      | 141486001 | 1    | カッタクラツチボウアンナイ  | CUTTER CLUTCH BAR GUIDE                |    |
| 46      | 062670812 | 2    | ナベコ3.57-40X8   | SCREW, PAN M3.57-40X8                  |    |
| 47      | 141487001 | 1    | カッタクラツチ        | CUTTER CLUTCH                          |    |
| 48      | 141488001 | 1    | カッタクラツチオシバネB   | SPRING, COMPRESSION (B)                |    |
| 49      | 048080342 | 1    | トメワE8          | RETAINING RING, E8                     |    |
| 50      | 142724001 | 1    | カッタドダイクミ       | CUTTER BRACKET ASSY                    |    |
| 50-1    | 141480001 | 1    | カッタトリツケイタ      | CUTTER HOLDER                          |    |
| 50-2    | 107407003 | 2    | シメネジ4.37       | SCREW 4.37                             |    |
| 51      | 142779001 | 1    | カッタカクコマクラツチ    | CUTTER SLIDE BLOCK CLUTCH              |    |
| 52      | 112144001 | 2    | ダンネジ3.57       | STUD SCREW 3.57                        |    |
| 53      | 107126001 | 1    | ティシレバーバネカケ     | SPRING HOOK                            |    |
| 54      | 120790001 | 1    | ヒキバネ           | SPRING, EXTENSION                      |    |

-4

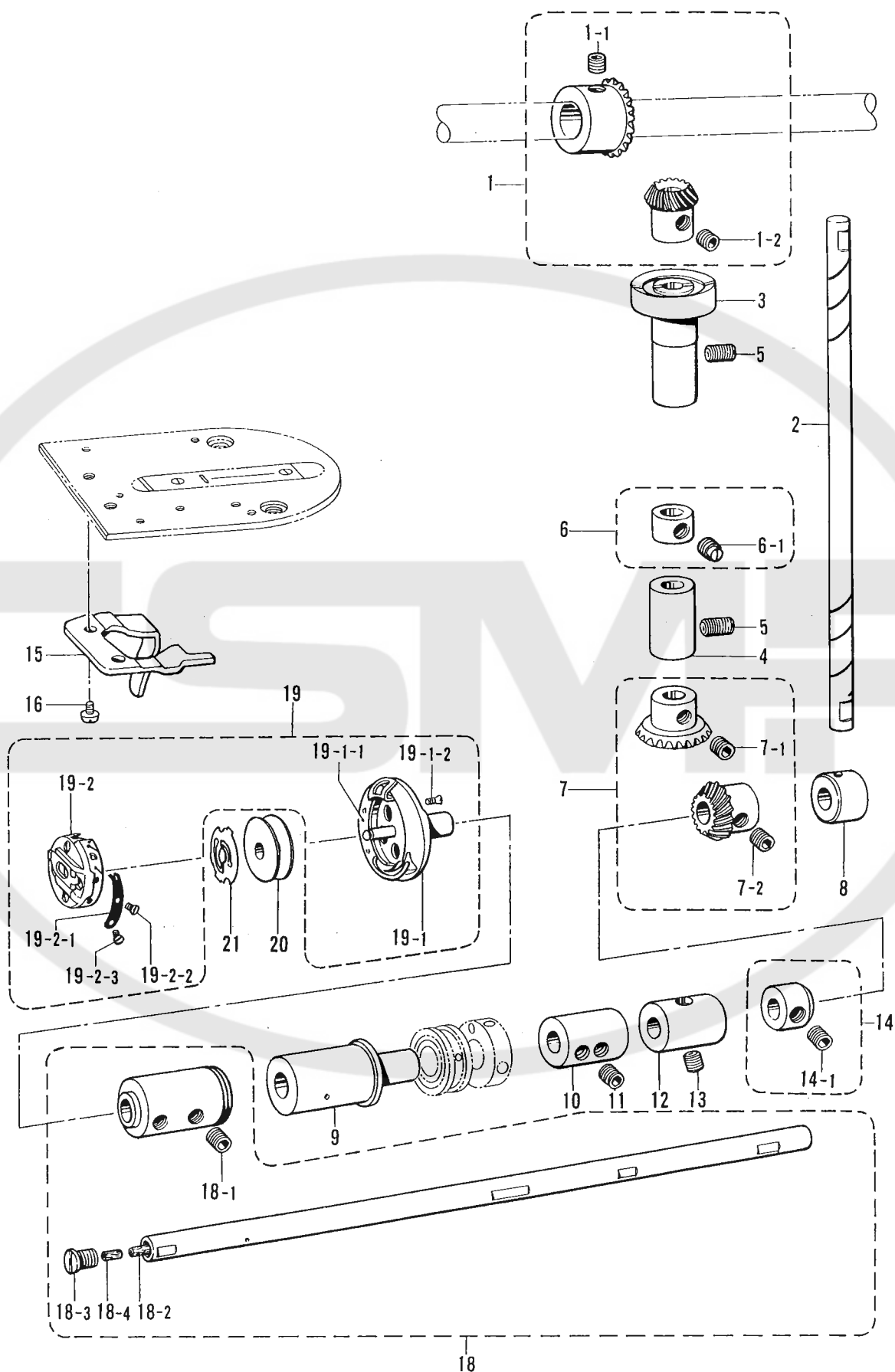


Q. ヒモ案内関係/Gimp guide mechanism/Schnurführung/  
Mécánisme de guide-fil/Mecanismo guía del hilo

| REF.NO. | CODE      | Q'TY | ヒンメイ           | NAME OF PARTS                      | RM |
|---------|-----------|------|----------------|------------------------------------|----|
|         |           |      | <-4>           |                                    |    |
| 1       | 145380001 | 1    | ヒモアンナイ         | GIMP GUIDE PIPE                    |    |
| 2       | 111443003 | 1    | マルヒラトメネジ3.57   | SET SCREW 3.57                     |    |
| 3       | 145381001 | 1    | ヒモアンナイボウ       | GIMP GUIDE BAR                     |    |
| 4       | 100366002 | 2    | マルヒラトメネジ4.37X5 | SET SCREW 4.37X5                   |    |
| 5       | 145382001 | 1    | ヒモアンナイボウササエ    | GIMP GUIDE BAR SUPPORT             |    |
| 6       | 107407003 | 2    | シメネジ4.37       | SCREW 4.37                         |    |
| 7       | 145383101 | 1    | ヒモアンナイキリカエイタクミ | GIMP GUIDE CHANGING PLATE ASSY     |    |
| 7-1     | 147758001 | 1    | ヒモアンナイキリカエイタ   | GIMP GUIDE CHANGING PLATE          |    |
| 7-2     | 141504001 | 1    | イトキリレバーササエボウ   | THREAD TRIMMING LEVER SUPPORT STUD |    |
| 7-3     | 110161004 | 1    | ナツト4.76        | NUT 4.76                           |    |
| 8       | 107407003 | 2    | シメネジ4.37       | SCREW 4.37                         |    |
| 9       | 145384001 | 1    | ヒモアンナイレンカン     | GIMP GUIDE CONNECTING ROD          |    |
| 10      | 145385001 | 1    | ヒモアンナイヒンヂ      | GIMP GUIDE HINGE                   |    |
| 11      | 145386001 | 1    | ヒンヂコロ          | HINGE ROLLER                       |    |
| 12      | 145387001 | 1    | ヒンヂザガネ         | HINGE WASHER                       |    |
| 13      | 062711212 | 1    | ナベコ476-32X12   | SCREW, PAN M4.76-32X12             |    |
| 14      | 145692001 | 1    | ヒモアンナイモドシバネ    | SPRING, EXTENSION                  |    |
| 15      | 145388001 | 1    | バネカケ           | SPRING HOOK                        |    |
| 16      | 025680232 | 2    | ヒラザガネチユウ4.37   | WASHER, PLAIN M 4.37               |    |
| 17      | 146316001 | 1    | イチチヨウセツネジL     | ADJUST SCREW (L)                   |    |
| 18      | 145392001 | 1    | ヒモアンナイオシイタ     | GIMP GUIDE PUSHING PLATE           |    |
| 19      | 107407003 | 2    | シメネジ4.37       | SCREW 4.37                         |    |
| 20      | 146951001 | 1    | ヒモアンナイヨコバネ     | SPRING, EXTENSION                  |    |
| 21      | 107640001 | 1    | バネカケD          | SPRING HOOK (D)                    |    |
| 23      | 145394001 | 1    | ヒモアンナイオシレバーA   | GIMP GUIDE PUSHING LEVER (A)       |    |
| 24      | 014770622 | 1    | アナトメネジ6.35クボミ  | SET SCREW, SOCKET (CP) M6.35       |    |
| 25      | 145395001 | 1    | ヒモアンナイオシレバーJク  | PUSHING LEVER SHAFT                |    |
| 26      | 151018001 | 1    | ヒモアンナイオシレバーB   | GIMP GUIDE PUSHING LEVER (B)       |    |
| 27      | 018401222 | 1    | アナボルト4X12      | BOLT, SOCKET M4X12                 |    |
| 28      | 145397001 | 1    | ヒモアンナイフリレバーA   | GIMP GUIDE ZIGZAG LEVER (A)        |    |
| 29      | 145398101 | 1    | ヒモアンナイフリレバーB   | GIMP GUIDE ZIGZAG LEVER (B)        |    |
| 30      | 018400832 | 1    | アナボルト4X8       | BOLT, SOCKET M4X8                  |    |
| 31      | 145399001 | 1    | オシボウ           | SHAFT                              |    |
| 32      | 145400009 | 1    | ヒモアンナイキリカエレバー  | GIMP GUIDE TRANSFER LEVER          |    |
| 33      | 115493002 | 1    | ダンネジ5.95       | STUD SCREW 5.95                    |    |
| 34      | 145401001 | 1    | ヒモアンナイフリレバーアテ  | GIMP GUIDE ZIGZAG LEVER STOPPER    |    |
| 35      | 062680812 | 2    | ナベコ437-40X8    | SCREW, PAN M4.37-40X8              |    |
| 36      | 145402009 | 1    | ヒモアンナイイチカムダイ   | GIMP GUIDE POSITION BRACKET        |    |
| 37      | 145403001 | 1    | ヒモアンナイイチカム     | GIMP GUIDE POSITIONER              |    |
| 38      | 060670612 | 2    | バインド357-40X6   | SCREW, BIND M3.57-40X6             |    |
| 39      | 145404001 | 2    | イチチヨウセツネジササエ   | ADJUST SCREW SUPPORT               |    |
| 40      | 102850002 | 2    | シメネジ3.57       | SCREW 3.57                         |    |
| 41      | 145405001 | 1    | イチチヨウセツネジ      | ADJUST SCREW                       |    |
| 42      | 145406001 | 1    | レバーウケ          | LEVER SUPPORT                      |    |
| 43      | 062670812 | 1    | ナベコ3.57-40X8   | SCREW, PAN M3.57-40X8              |    |

R. タテ軸・下軸関係/Vertical shaft and lower shaft mechanism/

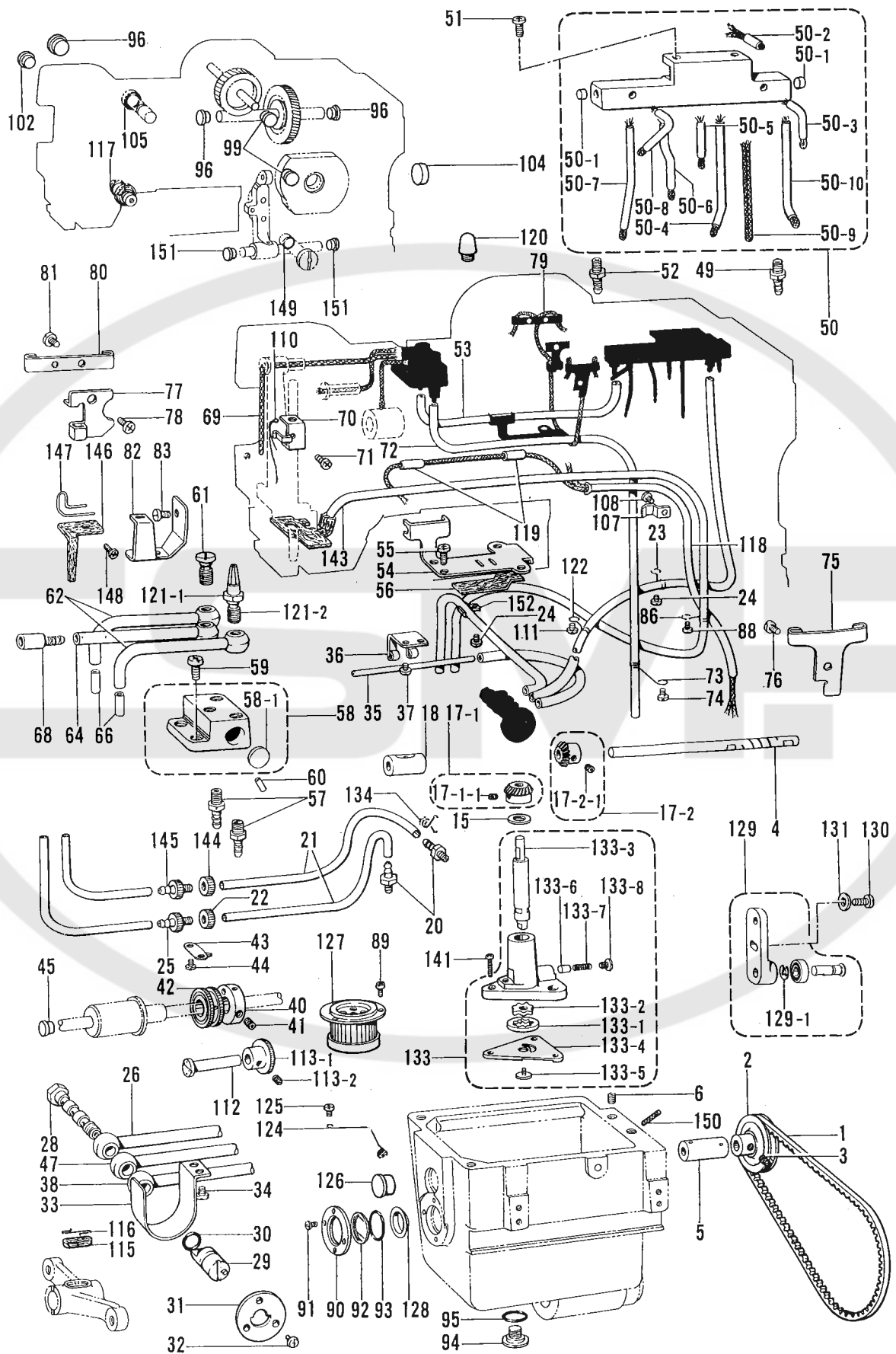
ArmwellenUndGreifermechanismus/Mécanisme de l'axe de bras et de l'axe du crochet  
rotarif/Mecanismo del eje del cangrejo y eje de la transmisión superior



## R. タテ軸・下軸関係/Vertical shaft and lower shaft mechanism/

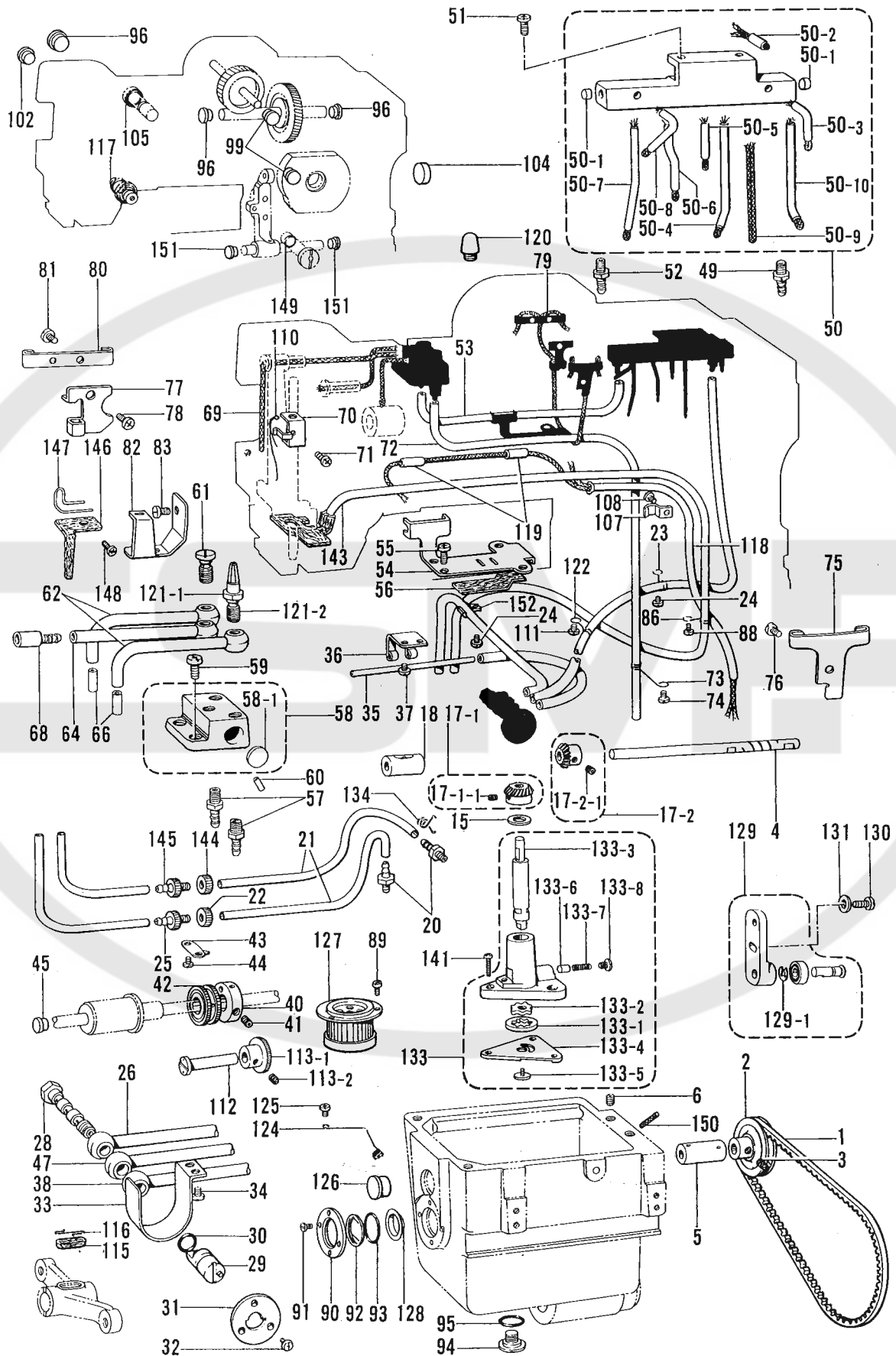
ArmwellenUndGreifermehanismus/Mécanisme de l'axe de bras et de l'axe du crochet  
rotarif/Mecanismo del eje del cangrejo y eje de la transmisión superior

| REF.NO.    | CODE      | Q'TY | ヒンメイ           | NAME OF PARTS                        | RM |
|------------|-----------|------|----------------|--------------------------------------|----|
| 1          | 181092001 | 1    | ベベルギヤUクミ       | BEVEL GEAR (U) ASSY                  |    |
| 1-1        | 014770622 | 2    | アナトメネジ6.35クボミ  | SET SCREW, SOCKET (CP) M6.35         |    |
| 1-2        | 014770622 | 2    | アナトメネジ6.35クボミ  | SET SCREW, SOCKET (CP) M6.35         |    |
| 2          | 141297101 | 1    | タテジク           | VERTICAL SHAFT                       |    |
| 3          | 141298000 | 1    | タテジクメタルU       | VERTICAL SHAFT BUSH (U)              |    |
| 4          | 109208001 | 1    | タテジクメタルD       | VERTICAL SHAFT BUSH (D)              |    |
| 5          | 013761410 | 2    | トメネジ5.95クボミ    | SET SCREW, (CP) M5.95                |    |
| 6          | 183827001 | 1    | セツトカラークミ       | SET COLLAR ASSY                      |    |
| 6-1        | 014770622 | 2    | アナトメネジ6.35クボミ  | SET SCREW, SOCKET (CP) M6.35         |    |
| 7          | 181093101 | 1    | ベベルギヤDクミ       | BEVEL GEAR (D) ASSY                  |    |
| 7-1        | 014770622 | 2    | アナトメネジ6.35クボミ  | SET SCREW, SOCKET (CP) M6.35         |    |
| 7-2        | 014770622 | 2    | アナトメネジ6.35クボミ  | SET SCREW, SOCKET (CP) M6.35         |    |
| 8          | 141303000 | 1    | シタジクメタルB       | LOWER SHAFT BUSH (B)                 |    |
| 9          | 146355001 | 1    | シタジクメタルF       | LOWER SHAFT BUSH (F)                 |    |
| 10         | 141304001 | 1    | シタジクセツトカラーフ    | LOWER SHAFT SET COLLAR (F)           |    |
| 11         | 014770622 | 4    | アナトメネジ6.35クボミ  | SET SCREW, SOCKET (CP) M6.35         |    |
| 12         | 141305000 | 1    | シタジクメタルM       | LOWER SHAFT BUSH (M)                 |    |
| 13         | 013771410 | 1    | トメネジ6.35クボミ    | SET SCREW, (CP) M6.35                |    |
| 14         | 118759001 | 1    | セツトカラークミ       | SET COLLAR ASSY                      |    |
| 14-1       | 014770622 | 2    | アナトメネジ6.35クボミ  | SET SCREW, SOCKET (CP) M6.35         |    |
| 15         | 141308101 | 1    | カマトメ           | ROTARY HOOK HOLDER                   |    |
| 16         | 062680512 | 2    | ナベコ437-40X5    | SCREW, PAN M4.37-40X5                |    |
| 18         | 143933001 | 1    | シタジククミ         | LOWER SHAFT ASSY                     |    |
| 18-1       | 143793001 | 4    | シールトメネジ6.35-40 | SET SCREW 6.35                       |    |
| 18-2       | 142744001 | 1    | フェルト           | FELT                                 |    |
| 18-3       | 109173101 | 1    | オイルアナフタネジ      | OIL CAP SCREW                        |    |
| 18-4       | 147985001 | 1    | フェルト           | FELT                                 |    |
| 20         | 146025001 | 1    | ボビン            | BOBBIN                               |    |
| 21         | 148054001 | 1    | ボビンオサエバネ       | SPRING,PLATE                         |    |
| <-2,-4,-5> |           |      |                |                                      |    |
| 19         | 533031001 | 1    | カマボビンケースクミB    | ROTARY HOOK AND BOBBIN CASE ASSY (B) |    |
| 19-1       | 533032001 | 1    | カマクミB          | ROTARY HOOK ASSY (B)                 |    |
| 19-1-1     | 183880001 | 1    | ナカカマオサエ        | INNER ROTARY HOOK PRESSER            |    |
| 19-1-2     | 183038001 | 3    | ナカカマオサエシメネジ    | INNER ROTARY HOOK PRESSER SCREW      |    |
| 19-2       | 107097101 | 1    | ボビンケースクミ       | BOBBIN CASE ASSY                     |    |
| 19-2-1     | 180720001 | 1    | ボビンケースチヨウシバネ   | TENSION SPRING,PLATE                 |    |
| 19-2-2     | 180721001 | 1    | チヨウシバネシメネジ     | SCREW                                |    |
| 19-2-3     | 183507001 | 1    | チヨウシネジ         | ADJUST SCREW                         |    |
| <-3>       |           |      |                |                                      |    |
| 19         | 143986101 | 1    | カマボビンケースクミA    | ROTARY HOOK AND BOBBIN CASE ASSY (A) |    |
| 19-1       | 141307001 | 1    | カマクミ           | ROTARY HOOK ASSY                     |    |
| 19-1-1     | 183039001 | 1    | ナカカマオサエ        | INNER ROTARY HOOK PRESSER            |    |
| 19-1-2     | 183038001 | 3    | ナカカマオサエシメネジ    | INNER ROTARY HOOK PRESSER SCREW      |    |
| 19-2       | 107097101 | 1    | ボビンケースクミ       | BOBBIN CASE ASSY                     |    |
| 19-2-1     | 180720001 | 1    | ボビンケースチヨウシバネ   | TENSION SPRING,PLATE                 |    |
| 19-2-2     | 180721001 | 1    | チヨウシバネシメネジ     | SCREW                                |    |
| 19-2-3     | 183507001 | 1    | チヨウシネジ         | ADJUST SCREW                         |    |



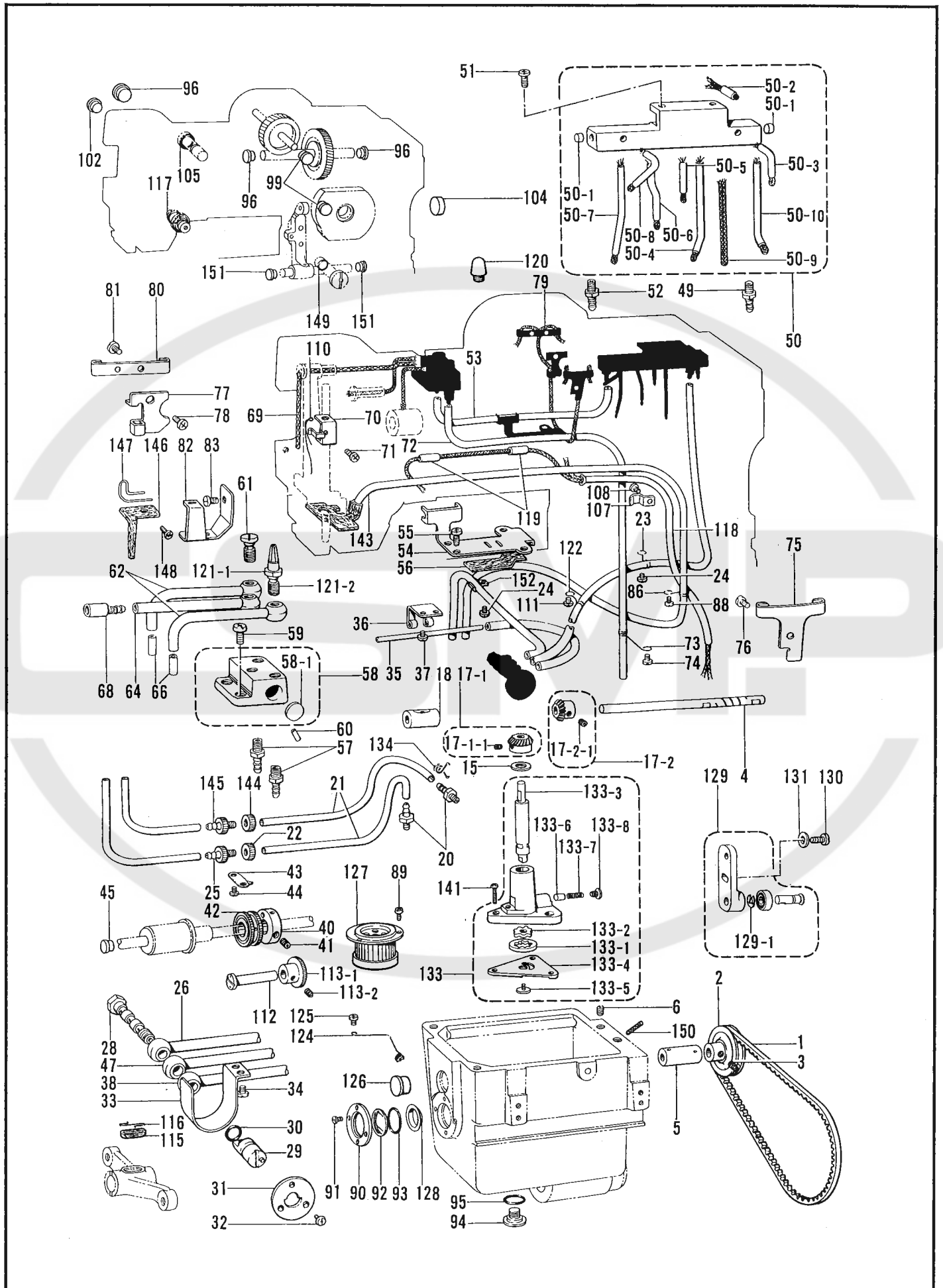
## S. 給油潤滑関係/Lubrication/Schmierung/Lubrification/Lubricación

| REF.NO. | CODE      | Q'TY | ヒンメイ            | NAME OF PARTS                | RM |
|---------|-----------|------|-----------------|------------------------------|----|
| 1       | 141636000 | 1    | Vベルト            | BELT, V                      |    |
| 2       | 141637000 | 1    | オイルポンププーリ       | OIL PUMP PULLEY              |    |
| 3       | 100251001 | 2    | トメネジ6.35        | SET SCREW, M6.35             |    |
| 4       | 143982001 | 1    | ポンププーリジク        | PUMP PULLEY SHAFT            |    |
| 5       | 142766001 | 1    | ポンププーリジクメタル     | PUMP PULLEY SHAFT BUSH       |    |
| 6       | 014760622 | 1    | アナトメネジ5.95      | SET SCREW, SOCKET (CP) M5.95 |    |
| 15      | 107153001 | 1    | ザガネ             | WASHER                       |    |
| 17      | 143915001 | 1    | ベベルギヤDクミ        | BEVEL GEAR (D) ASSY          |    |
| 17-1    | 143916001 | 1    | ベベルギヤDクミ        | PUMP SHAFT GEAR ASSY         |    |
| 17-1-1  | 014770622 | 2    | アナトメネジ6.35クボミ   | SET SCREW, SOCKET (CP) M6.35 |    |
| 17-2    | 180515001 | 1    | ベベルギヤDクミ        | BEVEL GEAR (D) ASSY          |    |
| 17-2-1  | 014770622 | 2    | アナトメネジ6.35クボミ   | SET SCREW, SOCKET (CP) M6.35 |    |
| 18      | 143983001 | 1    | ポンプメタルF         | PUMP BUSH (F)                |    |
| 20      | 142359001 | 2    | オイルクチ           | OIL FEEDING PIPE             |    |
| 21      | 141647000 | 2    | ビニルチューブ (L=190) | OIL TUBE (L=190)             |    |
| 22      | 142750001 | 1    | ツギテナツト          | NUT                          |    |
| 23      | 112744001 | 1    | クミヒモササエ         | WICK SUPPORT                 |    |
| 24      | 062670512 | 2    | ナベコ357-40X5     | SCREW, PAN M3.57-40X5        |    |
| 25      | 142748001 | 1    | ビニルチューブツギテ      | OIL TUBE JOINT               |    |
| 26      | 142351101 | 1    | ビニルチューブクミ       | OIL TUBE ASSY                |    |
| 28      | 141651001 | 1    | オイルパイプツギテネジ     | OIL FEEDING PIPE SCREW       |    |
| 29      | 141652001 | 1    | オイルチヨウセツタイ      | OIL ADJUST BRACKET           |    |
| 30      | 104564001 | 1    | Oリング            | O RING                       |    |
| 31      | 141653001 | 1    | オイルチヨウセツフタ      | CAP PLATE                    |    |
| 32      | 062670812 | 3    | ナベコ3.57-40X8    | SCREW, PAN M3.57-40X8        |    |
| 33      | 141654001 | 1    | オイルチヨウセツタイカバー   | COVER                        |    |
| 34      | 062670612 | 2    | ナベコ357-40X6     | SCREW, PAN M3.57-40X6        |    |
| 35      | 141655000 | 1    | カマオイルパイプ        | ROTARY HOOK OIL PIPE         |    |
| 36      | 141656001 | 1    | カマオイルパイプササエ     | OIL PIPE HOLDER              |    |
| 37      | 062670612 | 2    | ナベコ357-40X6     | SCREW, PAN M3.57-40X6        |    |
| 38      | 142352101 | 1    | ビニルチューブクミ       | OIL TUBE ASSY                |    |
| 40      | 109183001 | 1    | リングオサエ          | RING HOLDER                  |    |
| 41      | 013670712 | 2    | トメネジ3.57クボミ     | SET SCREW, (CP) M3.57        |    |
| 42      | 142407001 | 1    | オイルチヨウセツリング     | OIL ADJUST RING              |    |
| 43      | 109862001 | 1    | チヨウセツリングトメバネ    | SPRING, PLATE                |    |
| 44      | 062670512 | 2    | ナベコ357-40X5     | SCREW, PAN M3.57-40X5        |    |
| 45      | 104833009 | 1    | メクラセン           | OIL CAP                      |    |
| 47      | 142353101 | 1    | ビニルチューブクミ       | OIL TUBE ASSY                |    |
| 49      | 142359001 | 1    | オイルクチ           | OIL FEEDING PIPE             |    |
| 50      | 141661001 | 1    | トウシンベースクミ       | WICK BASE ASSY               |    |
| 50-1    | 110104000 | 2    | メクラセン           | OIL CAP                      |    |
| 50-2    | 141663001 | 1    | オイルパイプA         | OIL TUBE (A)                 |    |
| 50-3    | 141664001 | 1    | オイルパイプB         | OIL TUBE (B)                 |    |
| 50-4    | 141665001 | 1    | オイルパイプC         | OIL TUBE (C)                 |    |
| 50-5    | 116968001 | 1    | オイルパイプ          | OIL TUBE                     |    |
| 50-6    | 141666001 | 1    | オイルパイプE         | OIL TUBE (E)                 |    |
| 50-7    | 141667001 | 1    | オイルパイプF         | OIL TUBE (F)                 |    |
| 50-8    | 141668001 | 1    | オイルパイプG         | OIL TUBE (G)                 |    |
| 50-9    | 141669000 | 1    | クミヒモ            | WICK                         |    |
| 50-10   | 150396001 | 1    | オイルパイプH         | OIL TUBE (H)                 |    |
| 51      | 062670812 | 2    | ナベコ3.57-40X8    | SCREW, PAN M3.57-40X8        |    |
| 52      | 142359001 | 1    | オイルクチ           | OIL FEEDING PIPE             |    |
| 53      | 141670000 | 1    | ビニルチューブ (L=230) | OIL TUBE (L=230)             |    |
| 54      | 141671001 | 1    | ビニルパイプオサエ       | VINYL TUBE HOLDER            |    |
| 55      | 062670812 | 2    | ナベコ3.57-40X8    | SCREW, PAN M3.57-40X8        |    |
| 56      | 141672000 | 1    | ビニールチューブフェルト    | FELT                         |    |
| 57      | 142359001 | 2    | オイルクチ           | OIL FEEDING PIPE             |    |
| 58      | 142413001 | 1    | トウシンベース2クミ      | WICK BASE ASSY (2)           |    |
| 58-1    | 141674001 | 1    | トウシンベースフタ       | WICK BASE CAP                |    |



## S. 給油潤滑関係/Lubrication/Schmierung/Lubrification/Lubricación

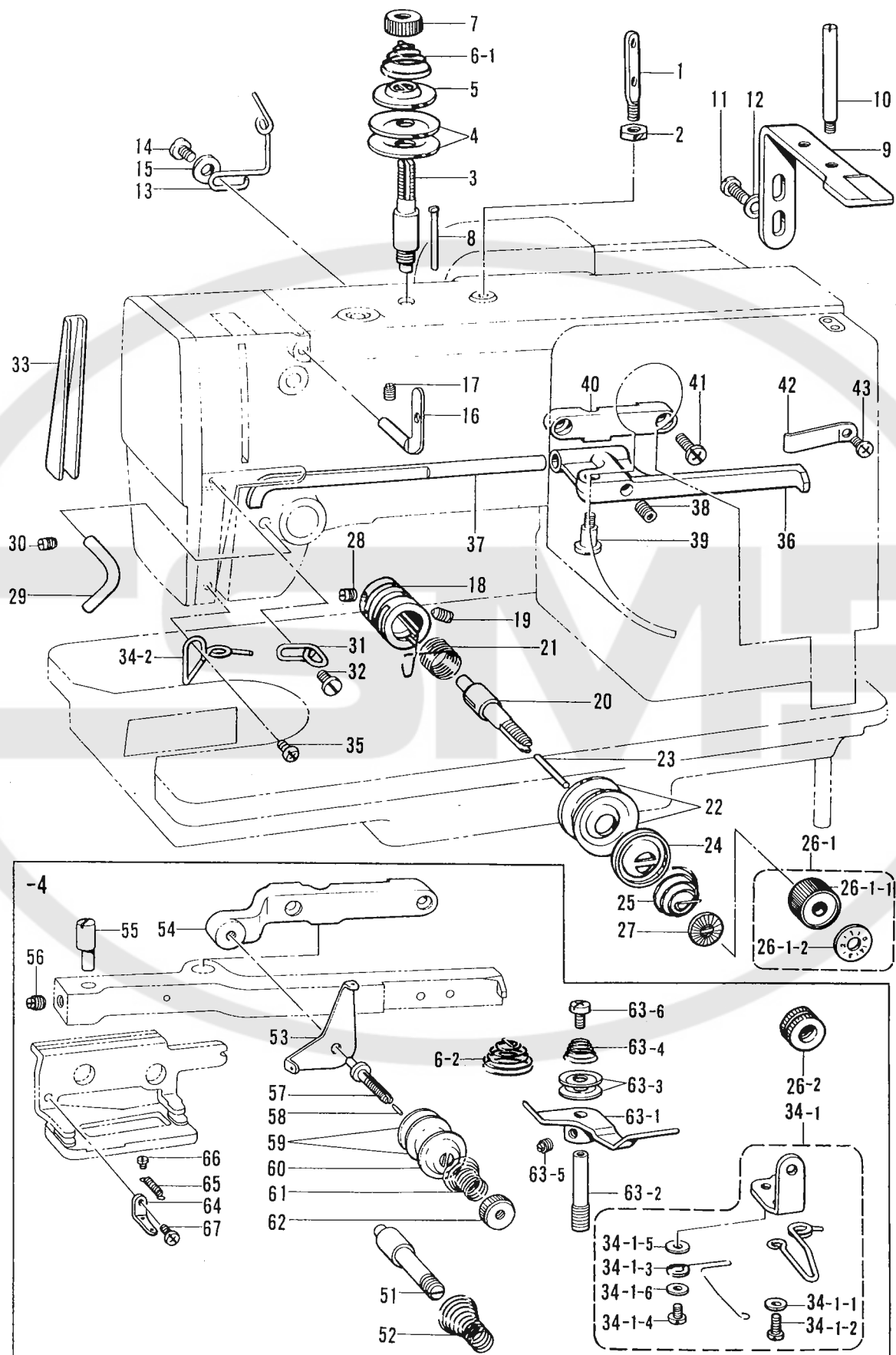
| REF.NO. | CODE      | Q'TY | 品名                | NAME OF PARTS                | RM |
|---------|-----------|------|-------------------|------------------------------|----|
| 59      | 062670812 | 2    | ナベコ3.57-40X8      | SCREW, PAN M3.57-40X8        |    |
| 60      | 047161042 | 1    | スプリングピンAW1.6      | PIN, SPRING ROLL AW1.6       |    |
| 61      | 112359001 | 2    | ハイユバイブツギテネジ       | OIL FEEDING PIPE JOINT SCREW |    |
| 62      | 142354101 | 2    | ビニルチューブクミ         | OIL TUBE ASSY                |    |
| 64      | 142355101 | 1    | ビニルチューブクミ         | OIL TUBE ASSY                |    |
| 66      | 141679001 | 2    | ダイ2オイルパイプB        | VINYL TUBE (B)               |    |
| 68      | 141680001 | 1    | オイルクチB            | OIL FEEDING PIPE (B)         |    |
| 69      | 141681000 | 1    | クミヒモ              | WICK                         |    |
| 70      | 141682001 | 1    | ハリボウダイトウシンササエ     | WICK HOLDER                  |    |
| 71      | 062660412 | 1    | ナベコ318-40X4       | SCREW, PAN M3.18-40X4        |    |
| 72      | 141683000 | 1    | ビニルチューブ (L = 420) | OIL TUBE (L = 420)           |    |
| 73      | 116975001 | 1    | オイルチューブホルダ        | OIL TUBE SUPPORT             |    |
| 74      | 062670512 | 1    | ナベコ357-40X5       | SCREW, PAN M3.57-40X5        |    |
| 75      | 141685001 | 1    | トウシンオサエカネA        | WICK HOLDER (A)              |    |
| 76      | 062680612 | 1    | ナベコ4.37-40X6      | SCREW, PAN M4.37-40X6        |    |
| 77      | 141686001 | 1    | トウシンオサエカネB        | WICK HOLDER (B)              |    |
| 78      | 062680612 | 1    | ナベコ4.37-40X6      | SCREW, PAN M4.37-40X6        |    |
| 79      | 141687000 | 2    | クミヒモ              | WICK                         |    |
| 80      | 141688001 | 1    | トウシンオサエカネC        | WICK HOLDER (C)              |    |
| 81      | S01297001 | 2    | シメネジ3.57X3.5      | SCREW 3.57X3.5               |    |
| 82      | 141689101 | 1    | トウシンオサエカネD        | WICK HOLDER (D)              |    |
| 83      | 107419002 | 1    | シメネジ4.37          | SCREW 4.37                   |    |
| 86      | 141692001 | 1    | ビニルチューブササエC       | TUBE SUPPORT (C)             |    |
| 88      | 062670512 | 1    | ナベコ357-40X5       | SCREW, PAN M3.57-40X5        |    |
| 89      | 062680712 | 3    | ナベコ437-40X7       | SCREW, PAN M4.37-40X7        |    |
| 90      | 151074009 | 1    | ユリヨウケイフタ          | OIL GAUGE COVER              |    |
| 91      | 100257010 | 4    | シメネジ3.57          | SCREW 3.57                   |    |
| 92      | 141696001 | 1    | オイルゲージマド          | OIL GAUGE WINDOW             |    |
| 93      | 081014670 | 1    | OリングPW14          | O RING,PW11                  |    |
| 94      | 110641002 | 1    | ダンネジ9.52          | STUD SCREW 9.52              |    |
| 95      | 109203001 | 1    | Oリング              | O RING                       |    |
| 96      | 104449009 | 3    | メクラセン             | OIL CAP                      |    |
| 99      | 104821009 | 2    | メクラセン             | OIL CAP                      |    |
| 102     | 104450109 | 2    | メクラセン             | OIL CAP                      |    |
| 104     | 116725009 | 1    | メクラセン             | OIL CAP                      |    |
| 105     | 141697000 | 1    | Oリング              | O RING                       |    |
| 107     | 142268001 | 1    | コードオサエL           | CORD HOLDER (L)              |    |
| 108     | 062670512 | 1    | ナベコ357-40X5       | SCREW, PAN M3.57-40X5        |    |
| 110     | 142298000 | 1    | クミヒモ (L = 70)     | WICK (L = 70)                |    |
| 111     | 062670512 | 1    | ナベコ357-40X5       | SCREW, PAN M3.57-40X5        |    |
| 112     | 142408001 | 1    | オイルチヨウセツジク        | OIL ADJUST STUD              |    |
| 113     | 183706001 | 1    | オイルチヨウセツギヤクミ      | OIL ADJUST GEAR ASSY         |    |
| 113-1   | 142582001 | 1    | オイルチヨウセツギヤ        | OIL ADJUST GEAR              |    |
| 113-2   | 151602002 | 2    | トメネジ4.37          | SET SCREW, M4.37             |    |
| 115     | 117598001 | 1    | フェルト              | FELT                         |    |
| 116     | 116795000 | 1    | クリツブ              | CLIP                         |    |
| 117     | 114294001 | 1    | Oリング              | O RING                       |    |
| 118     | 142742000 | 1    | ビニルチューブ (L = 190) | OIL TUBE (L = 190)           |    |
| 119     | 120774001 | 2    | ビニルチューブ (L = 20)  | OIL TUBE (L = 20)            |    |
| 120     | 143713101 | 1    | オイルキャップ           | OIL CAP                      |    |
| 121     | 143714001 | 1    | ゲージパイプクミ          | OIL GAUGE WINDOW PIPE ASSY   |    |
| 121-1   | 143715001 | 1    | ゲージパイプ            | PIPE FOR OIL GAUGE WINDOW    |    |
| 121-2   | 143716001 | 1    | ゲージパイプネジ          | GAUGE PIPE SCREW             |    |
| 122     | 112743001 | 1    | クミヒモササエ           | WICK SUPPORT                 |    |
| 124     | 116975001 | 1    | オイルチューブホルダ        | OIL TUBE STOPPER             |    |
| 125     | 060670616 | 1    | バインド357-40X6      | SCREW, BIND M3.57-40X6       |    |
| 126     | 108520009 | 1    | メクラセン             | OIL CAP                      |    |
| 127     | 146209101 | 1    | フィルタークミ           | OIL FILTER ASSY              |    |
| 128     | 147226001 | 1    | オイルハンシヤバン         | OIL PLATE                    |    |



## S. 給油潤滑関係/Lubrication/Schmierung/Lubrification/Lubricación

| REF.NO. | CODE      | Q'TY | ヒンメイ          | NAME OF PARTS                | RM |
|---------|-----------|------|---------------|------------------------------|----|
| 129     | 147223001 | 1    | ポンプベルトハリクミ    | PUMP BELT TENSION LEVER ASSY |    |
| 129-1   | 048060342 | 1    | トメワE6         | RETAINING RING, E6           |    |
| 130     | 062761212 | 1    | ナベコ595-28X12  | SCREW, PAN M5.95-28X12       |    |
| 131     | 025060232 | 1    | ヒラザガネチユウ6     | WASHER, PLAIN M 6            |    |
| 133     | 148761001 | 1    | ポンプクミ         | PUMP ASSY                    |    |
| 133-1   | 141642000 | 1    | オイルポンプアウターロータ | OIL PUMP OUTER ROTOR         |    |
| 133-2   | 141643000 | 1    | オイルポンプインナーロータ | OIL PUMP INNER ROTOR         |    |
| 133-3   | 148469001 | 1    | ポンプジク         | PUMP SHAFT                   |    |
| 133-4   | 148470001 | 1    | ポンプフタ         | PUMP CAP PLATE               |    |
| 133-5   | 145465001 | 1    | シメネジ3.57L     | SCREW 3.57 (L)               |    |
| 133-6   | 148471001 | 1    | プランジャー        | PLUNGER                      |    |
| 133-7   | 144876001 | 1    | プランジャーバネ      | PLUNGER SPRING               |    |
| 133-8   | 112467002 | 1    | シメネジ6.35      | SCREW 6.35                   |    |
| 134     | 507876001 | 1    | チューブストツパー     | TUBE CLIP                    |    |
| 141     | 062711412 | 3    | ナベコ4.76-32X14 | SCREW, PAN M4.76-32X14       |    |
| 143     | 148472001 | 1    | チューブクミ        | OIL TUBE ASSY                |    |
| 144     | 142750002 | 1    | ツギテナツト        | NUT                          |    |
| 145     | 142748002 | 1    | ビニルチューブツギテ    | OIL TUBE JOINT               |    |
| 146     | 148745000 | 1    | フェルト          | FELT                         |    |
| 147     | 148746001 | 1    | フェルトオサエ       | FELT SUPPORT                 |    |
| 148     | 062680612 | 1    | ナベコ4.37-40X6  | SCREW, PAN M4.37-40X6        |    |
| 149     | 141697000 | 1    | リング           | O RING                       |    |
| 150     | 183120000 | 1    | クミヒモ          | WICK                         |    |
| 151     | 158437009 | 2    | メクラセン         | OIL CAP                      |    |
| 152     | 140647001 | 1    | コードオサエ        | CORD HOLDER                  |    |

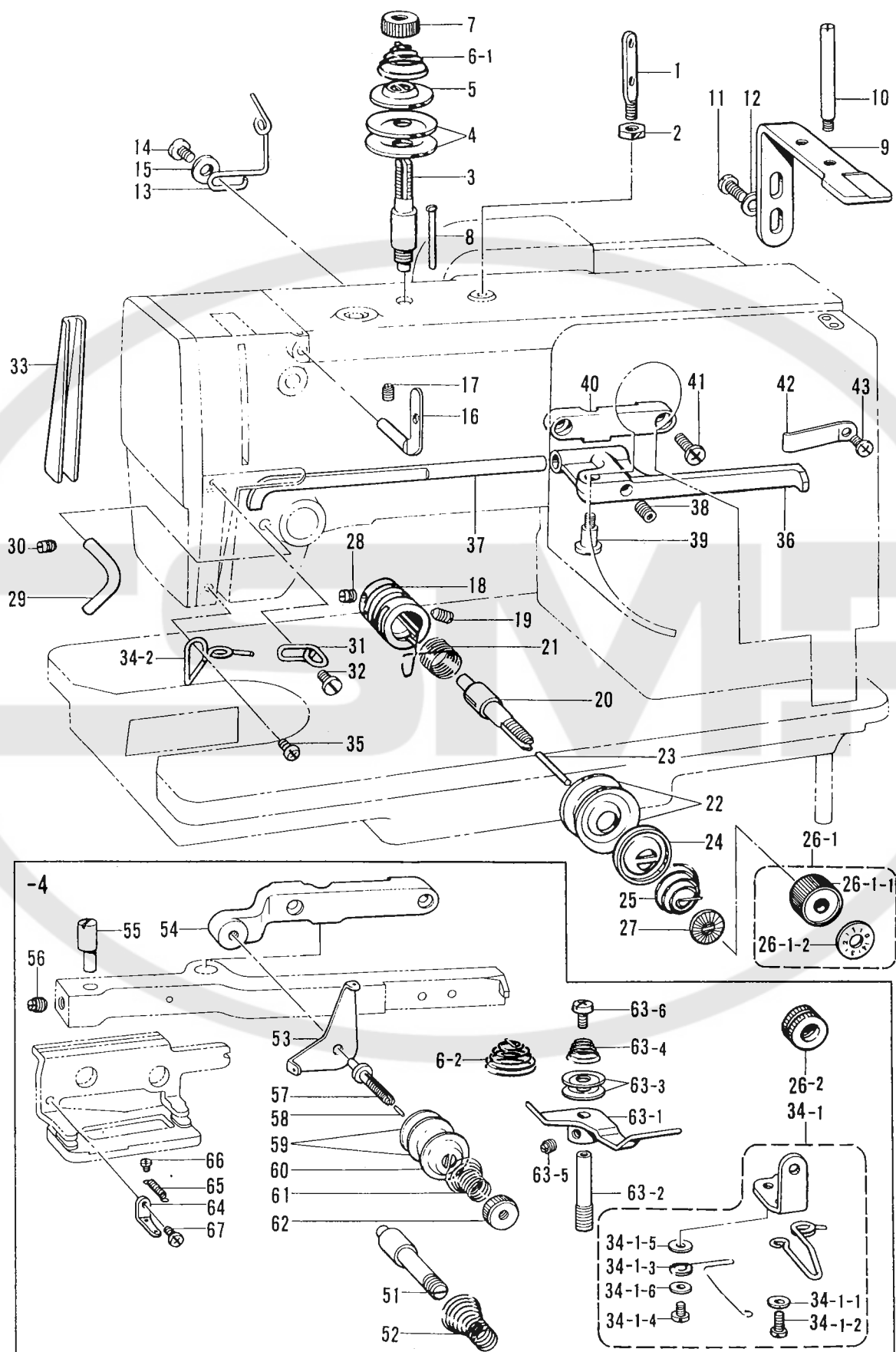
T. 糸通シ関係/Threading mechanism/Fadenführungsrichtung/  
Mécánisme de lénfilage/Mecanismo del enhebrado



T. 糸通シ関係/Threading mechanism/Fadenführungsvorrichtung/  
Mécanisme de l'enfilage/Mecanismo del enhebrado

| REF.NO. | CODE      | Q'TY | ヒンメイ          | NAME OF PARTS              | RM |
|---------|-----------|------|---------------|----------------------------|----|
| 2       | 150553003 | 1    | ナツト5.95       | NUT 5.95                   |    |
| 3       | 107602001 | 1    | イトチヨウシボウ      | TENSION STUD               |    |
| 4       | 145446001 | 2    | イトチヨウシサラ      | TENSION DISC               |    |
| 5       | 159805001 | 1    | イトチヨウシサラオサエ   | TENSION DISC PRESSER       |    |
| 7       | 100136001 | 1    | イトチヨウシナツト     | TENSION NUT                |    |
| 8       | 107612001 | 1    | イトチヨウシイトユルメビン | PIN                        |    |
| 9       | 145673001 | 1    | ウワイトユルメイタ     | UPPER THREAD RELEASE PLATE |    |
| 10      | 141592001 | 1    | ウワイトトリボウ      | UPPER THREAD GUIDE SHAFT   |    |
| 11      | 062680812 | 2    | ナベコ437-40X8   | SCREW, PAN M4.37-40X8      |    |
| 12      | 025680232 | 2    | ヒラザガネチユウ4.37  | WASHER, PLAIN M 4.37       |    |
| 13      | 141593001 | 1    | ウワイトトオシ       | UPPER THREAD GUIDE         |    |
| 14      | 100644005 | 1    | シメネジ4.37      | SCREW 4.37                 |    |
| 15      | 025680232 | 1    | ヒラザガネチユウ4.37  | WASHER, PLAIN M 4.37       |    |
| 16      | 145961001 | 1    | ヒトツメイトカケ      | THREAD RETAINER            |    |
| 17      | 151602002 | 1    | トメネジ4.37      | SET SCREW, M4.37           |    |
| 18      | 144741001 | 1    | イトチヨウシボウタイ    | THREAD TENSION BRACKET     |    |
| 19      | 103950003 | 1    | トメネジ5.95      | SET SCREW, M5.95           |    |
| 21      | 100399001 | 1    | イトトリバネ        | SPRING                     |    |
| 22      | 145446001 | 2    | イトチヨウシサラ      | TENSION DISC               |    |
| 28      | 100402004 | 1    | トメネジ3.57      | SET SCREW, M3.57           |    |
| 29      | 142733001 | 1    | イトアンナイ        | TENSION THREAD GUIDE       |    |
| 30      | 013711010 | 1    | トメネジ4.76クボミ   | SET SCREW, (CP) M4.76      |    |
| 31      | 142735001 | 2    | アームイトカケ       | ARM THREAD GUIDE (UPPER)   |    |
| 32      | 112751003 | 2    | シメネジ3.57      | SCREW 3.57                 |    |
| 33      | 141594001 | 1    | アームイトミチ       | ARM THREAD GUIDE           |    |
| 35      | 060670512 | 1    | バインド357-40X5  | SCREW, BIND M3.57-40X5     |    |
| 41      | 062681012 | 2    | ナベコ437-40X10  | SCREW, PAN M4.37-40X10     |    |
| 42      | 142258001 | 1    | イトユルメレバーイタバネ  | PLATE SPRING               |    |
| 43      | 062670512 | 1    | ナベコ357-40X5   | SCREW, PAN M3.57-40X5      |    |

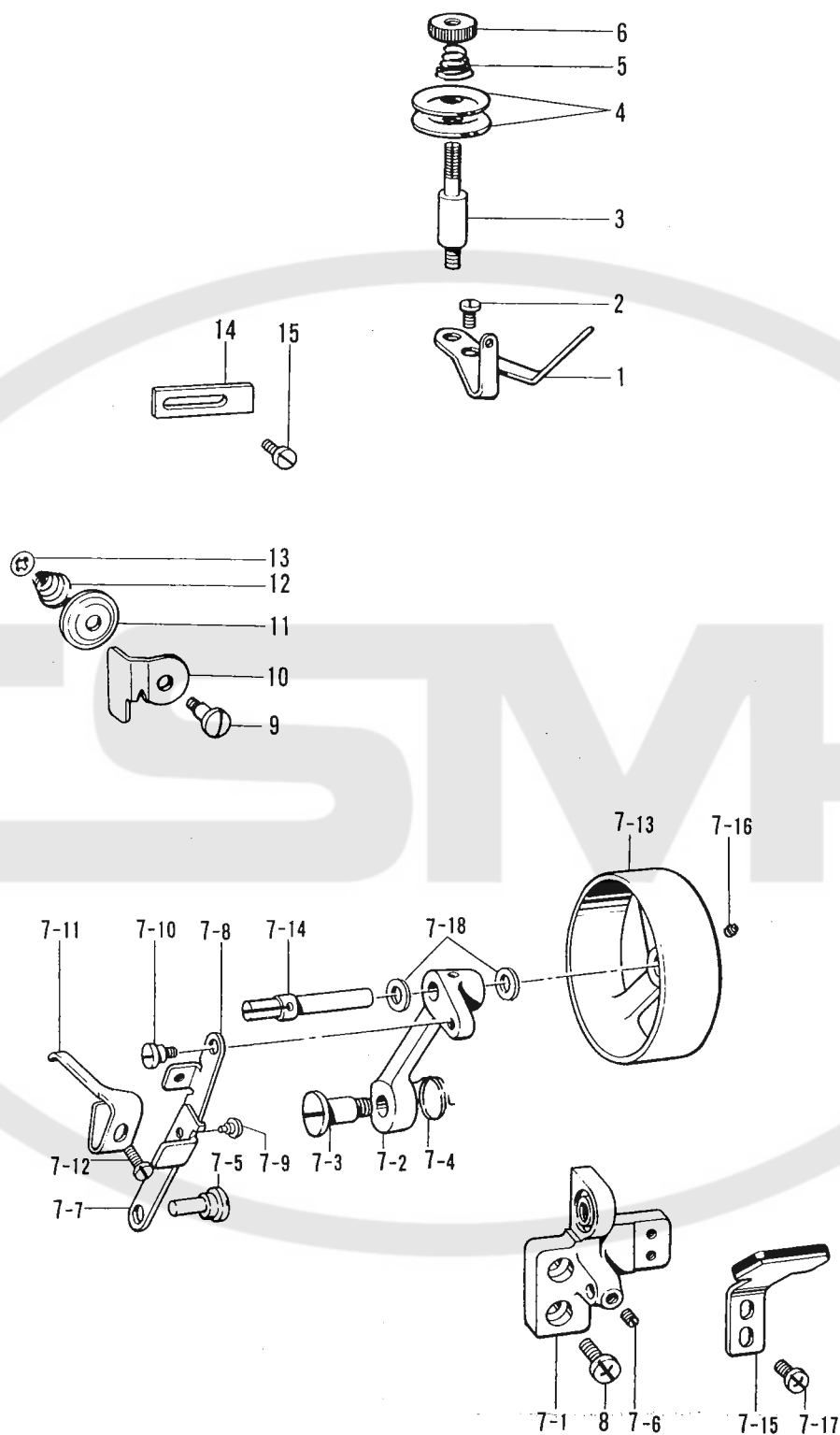
T. 糸通シ関係/Threading mechanism/Fadenführungsrichtung/  
Mécanisme de l'enfilage/Mecanismo del enhebrado



T. 糸通シ関係/Threading mechanism/Fadenführungsvorrichtung/  
Mécánisme de lénfilage/Mecanismo del enhebrado

| REF.NO. | CODE      | Q'TY | ヒンメイ         | NAME OF PARTS                      | RM |
|---------|-----------|------|--------------|------------------------------------|----|
|         |           |      | <-2,-3,-5>   |                                    |    |
| 1       | 141590001 | 1    | イトトオシボウ      | THREADING BAR (U)                  |    |
| 6-1     | 115188001 | 1    | シユイトチヨウシバネ   | TENSION SPRING                     |    |
| 20      | 100398001 | 1    | イトチヨウシボウ     | TENSION STUD                       |    |
| 23      | 100400000 | 1    | イトユルメピン      | PIN                                |    |
| 24      | 159805001 | 1    | イトチヨウシサラオサエ  | TENSION DISC PRESSER               |    |
| 25      | 107606001 | 1    | イトチヨウシバネ     | TENSION SPRING                     |    |
| 26-1    | S11182009 | 1    | イトチヨウシナツトクミ  | THREAD TENSION NUT ASSY            |    |
| 26-1-1  | S11183009 | 1    | チヨウセツツマミ     | CONTROL DIAL                       |    |
| 26-1-2  | S11184009 | 1    | イトチヨウシメモリイタ  | TENSION ADJUST SCALE PLATE         |    |
| 27      | S02624001 | 1    | チヨウシバネウエザガネ  | WASHER                             |    |
| 34-2    | S33002001 | 1    | アームイトアンナイシタ  | ARM THREAD GUIDE LOWER             |    |
| 36      | 141596009 | 1    | ウワイトユルメレバー   | UPPER THREAD RELEASE LEVER         |    |
| 37      | 141597001 | 1    | ウワイトユルメボウ    | UPPER THREAD RELEASE SHAFT         |    |
| 38      | 014760622 | 1    | アナトメネジ5.95   | SET SCREW, SOCKET (CP) M5.95       |    |
| 39      | 141598001 | 1    | ダンネジ4.76     | STUD SCREW 4.76                    |    |
| 40      | 141599009 | 1    | ウワイトユルメレバーダイ | UPPER THREAD RELEASE LEVER BRACKET |    |
|         |           |      | <-4>         |                                    |    |
| 6-2     | 117215001 | 1    | イトチヨウシバネ     | TENSION SPRING                     |    |
| 26-2    | 100136001 | 1    | イトチヨウシナツト    | TENSION NUT                        |    |
| 34-1    | 148831001 | 1    | サブテンションクミ    | SUB TENSION ASSY                   |    |
| 34-1-1  | 105161004 | 1    | ザガネ          | WASHER                             |    |
| 34-1-2  | 062670612 | 1    | ナベコ357-40X6  | SCREW, PAN M3.57-40X6              |    |
| 34-1-3  | 148058001 | 1    | サブテンションバネ    | SPRING                             |    |
| 34-1-4  | 062670412 | 1    | ナベコ357-40X4  | SCREW, PAN M3.57-40X4              |    |
| 34-1-5  | 400806003 | 1    | ザガネ          | WASHER                             |    |
| 34-1-6  | 025350132 | 1    | ヒラザガネシヨウ     | WASHER, PLAIN S 3.5                |    |
| 51      | 145437001 | 1    | イトチヨウシボウ     | TENSION STUD                       |    |
| 52      | 115958001 | 1    | ULイトチヨウシバネ   | TENSION SPRING (UL)                |    |
| 53      | 110813001 | 1    | ハリイトアンナイ     | NEEDLE THREAD GUIDE                |    |
| 54      | 145438009 | 1    | ヒモチヨウシダイ     | GIMP TENSION BRACKET               |    |
| 55      | 145439001 | 1    | ヒモユルメピン      | PIN                                |    |
| 56      | 151601002 | 1    | トメネジ4.37     | SET SCREW, M4.37                   |    |
| 57      | 145440001 | 1    | イトチヨウシボウ     | TENSION STUD                       |    |
| 58      | 105423001 | 1    | ピン           | PIN                                |    |
| 59      | 145446001 | 2    | イトチヨウシサラ     | TENSION DISC                       |    |
| 60      | 159805001 | 1    | イトチヨウシサラオサエ  | TENSION DISC PRESSER               |    |
| 61      | 115958001 | 1    | ULイトチヨウシバネ   | TENSION SPRING (UL)                |    |
| 62      | 100136001 | 1    | イトチヨウシナツト    | TENSION NUT                        |    |
| 63      | 145723001 | 1    | プレテンションクミ    | PRE-TENSION ASSY                   |    |
| 63-1    | 145724001 | 1    | プレテンションダイ    | PRE-TENSION BODY                   |    |
| 63-2    | 145725001 | 1    | プレテンションジク    | PRE-TENSION SHAFT                  |    |
| 63-3    | 144504001 | 2    | イトアンナイサラ     | THREAD GUIDE DISC                  |    |
| 63-4    | 144505000 | 1    | イトアンナイバネ     | SPRING                             |    |
| 63-5    | 102716003 | 1    | ランプツマミトメネジ   | SET SCREW                          |    |
| 63-6    | 060660516 | 1    | バインド318-40X5 | SCREW, BIND M3.18-40X5             |    |
| 64      | 145991001 | 1    | ヒモカケダイ       | GIMP STOPPER                       |    |
| 65      | 511091001 | 1    | ヒキバネ         | SPRING, EXTENSION                  |    |
| 66      | 122771002 | 2    | シメネジ2.38     | SCREW 2.38                         |    |
| 67      | 062660412 | 1    | ナベコ318-40X4  | SCREW, PAN M3.18-40X4              |    |

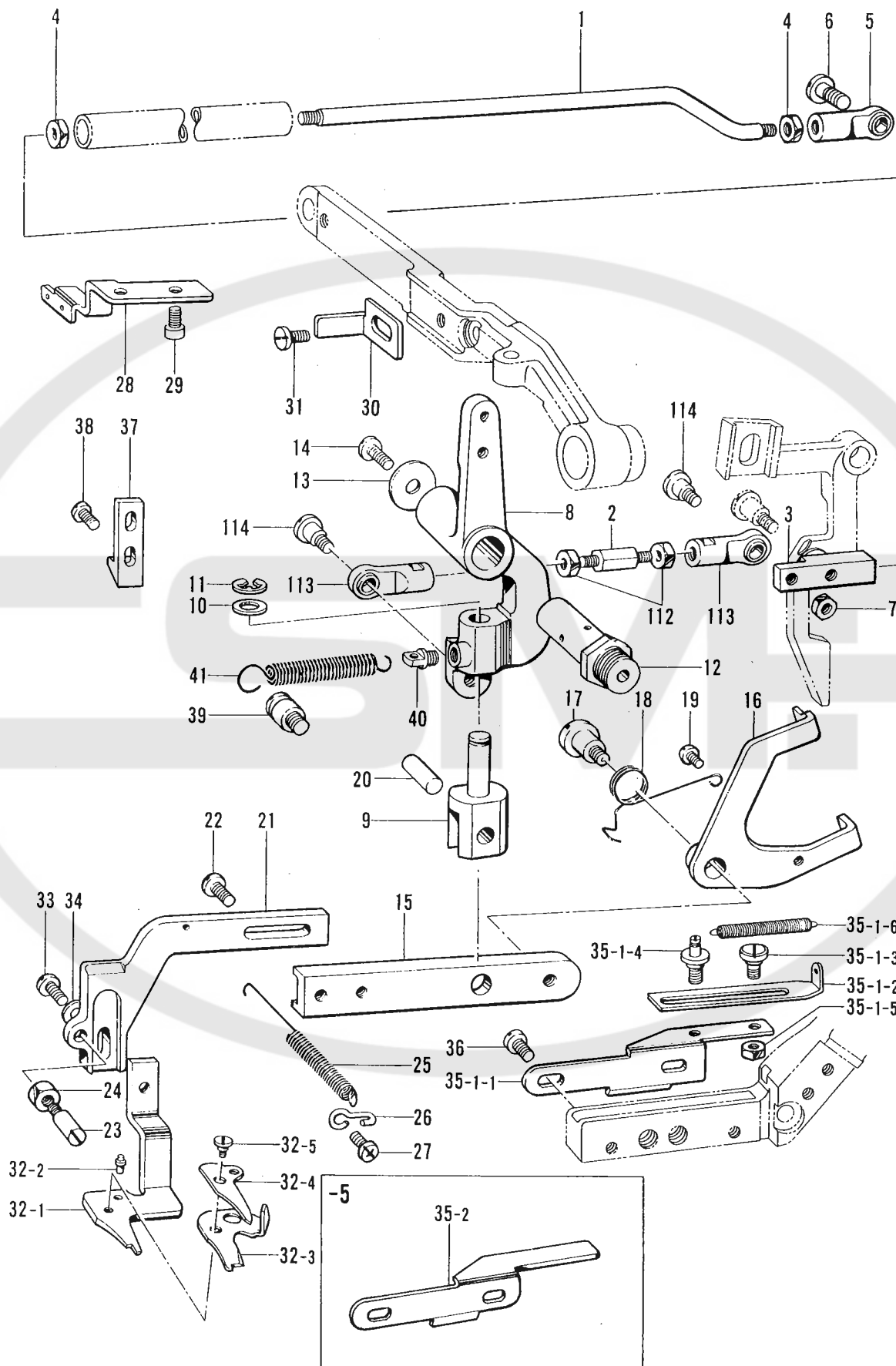
U . 糸巻関係/Bobbin winder/Spuler/Mécanisme du bobineur/  
Mecanismo del devanador de la canilla



U. 糸巻関係/Bobbin winder/Spuler/Mécanisme du bobineur/  
Mecanismo del devanador de la canilla

| REF.NO. | CODE      | Q'TY | ヒンメイ         | NAME OF PARTS                   | RM |
|---------|-----------|------|--------------|---------------------------------|----|
| 1       | 141600001 | 1    | イトマキチヨウシアンナイ | BOBBIN WINDER THREAD GUIDE      |    |
| 2       | 107407003 | 1    | シメネジ4.37     | SCREW 4.37                      |    |
| 3       | 107678101 | 1    | イトマキイトチヨウシボウ | TENSION STUD                    |    |
| 4       | 107680001 | 2    | イトマキイトチヨウシサラ | TENSION DISC                    |    |
| 5       | 107681001 | 1    | イトマキイトチヨウシバネ | TENSION SPRING                  |    |
| 6       | 107682001 | 1    | イトマキチヨウシナツト  | BOBBIN WINDER TENSION NUT       |    |
| 7       | 141601009 | 1    | イトマキクミ       | BOBBIN WINDER ASSY              |    |
| 7-1     | 141602009 | 1    | イトマキクルマダイ    | BOBBIN WINDER WHEEL BRACKET     |    |
| 7-2     | 141603009 | 1    | イトマキクルマウデ    | BOBBIN WINDER WHEEL ARM         |    |
| 7-3     | 141604001 | 1    | ダンネジ6.35     | STUD SCREW 6.35                 |    |
| 7-4     | 142259001 | 1    | イトマキクルマウデバネ  | SPRING                          |    |
| 7-5     | 141605001 | 1    | イトマキリンクジク    | BOBBIN WINDER LINK STUD         |    |
| 7-6     | 013679412 | 1    | トメネジ3.57クボミ  | SET SCREW, (CP) M3.57           |    |
| 7-7     | 141606001 | 1    | イトマキリンクA     | BOBBIN WINDER LINK (A)          |    |
| 7-8     | 141607001 | 1    | イトマキリンクB     | BOBBIN WINDER LINK (B)          |    |
| 7-9     | 100661001 | 1    | カシメピン        | PIN                             |    |
| 7-10    | 100659001 | 1    | ダンネジ3.18     | STUD SCREW 3.18                 |    |
| 7-11    | 141608001 | 1    | ボビンオサエ       | BOBBIN PRESSER                  |    |
| 7-12    | 507142002 | 1    | シメネジ         | SCREW                           |    |
| 7-13    | 141609009 | 1    | イトマキクルマ      | BOBBIN WINDER WHEEL             |    |
| 7-14    | 141610001 | 1    | イトマキジク       | BOBBIN WINDER SHAFT             |    |
| 7-15    | 141611001 | 1    | ブレーキゴムクミ     | BOBBIN WINDER BRAKE RUBBER ASSY |    |
| 7-16    | 151601002 | 1    | トメネジ4.37     | SET SCREW, M4.37                |    |
| 7-17    | 062680712 | 2    | ナベコ437-40X7  | SCREW, PAN M4.37-40X7           |    |
| 7-18    | 142711001 | 2    | ファイバーワツシャ    | WASHER                          |    |
| 8       | 062761212 | 2    | ナベコ595-28X12 | SCREW, PAN M5.95-28X12          |    |
| 9       | 118764002 | 1    | ダンネジ4.37     | STUD SCREW 4.37                 |    |
| 10      | 146198001 | 1    | イトツカミメス      | THREAD CLAMP KNIFE              |    |
| 11      | 146199001 | 1    | イトツカミサラ      | THREAD CLAMP DISC               |    |
| 12      | 144505000 | 1    | イトアンナイバネ     | SPRING                          |    |
| 13      | 146200001 | 1    | トメワCS4       | RETAINING RING, CS4             |    |
| 14      | 141620001 | 1    | ボウシイタバランス    | BALANCE                         |    |
| 15      | 101671002 | 1    | シメネジ4.37     | SCREW 4.37                      |    |

V1. 上糸切り関係/Upper thread trimmer mechanism/Oberer Fadenabschneider/  
Mécanisme de la coupe-fil supérieur/Mecanismo de la recortadora de orillos superior

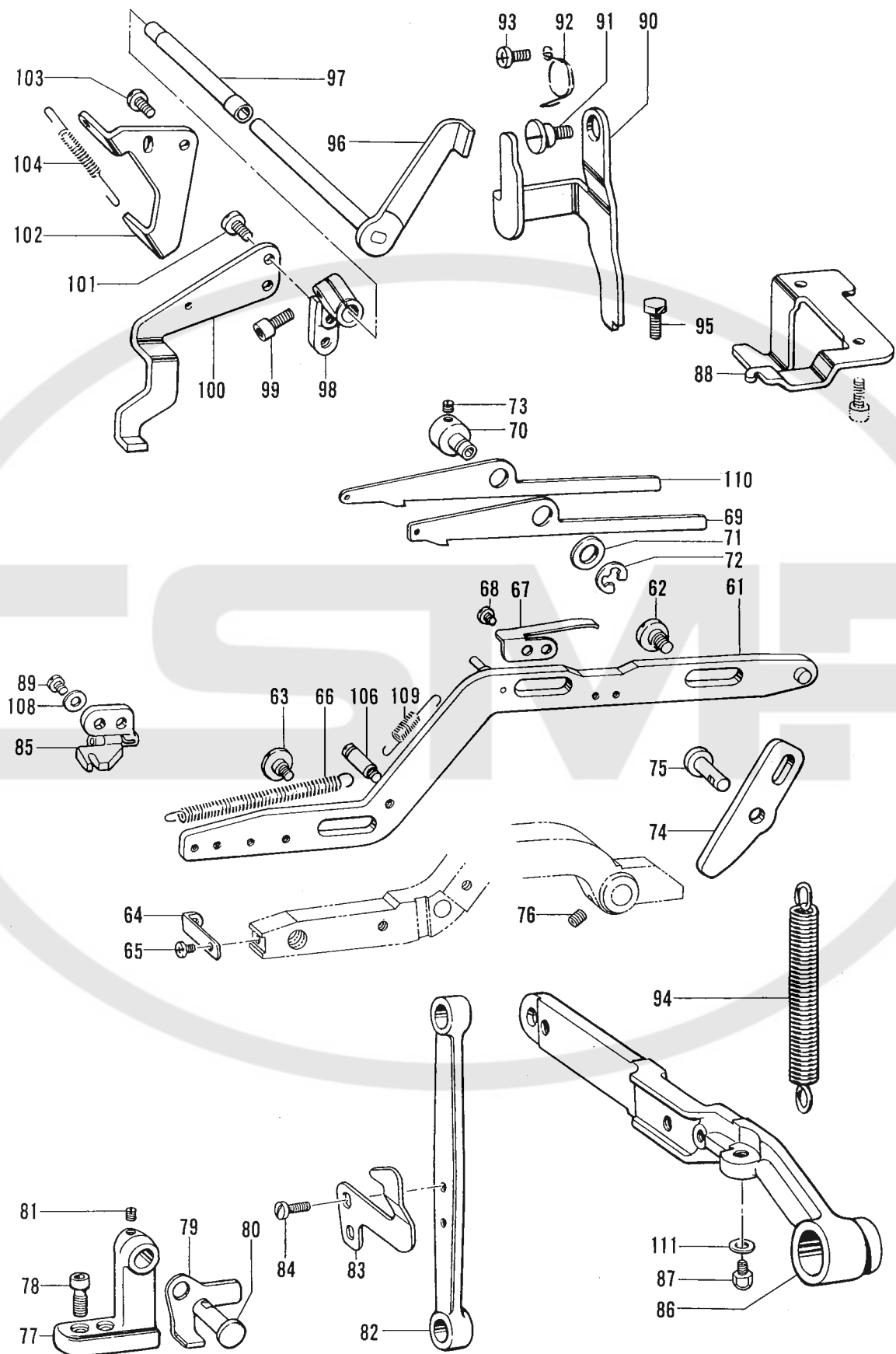


V1. 上糸切り関係/Upper thread trimmer mechanism/Oberer Fadenabschneider/  
Mécanisme de la coupe-fil supérieur/Mecanismo de la recortadora de orillos superior

| REF.NO.    | CODE      | Q'TY | ヒンメイ          | NAME OF PARTS                       | RM |
|------------|-----------|------|---------------|-------------------------------------|----|
| 1          | 141489001 | 1    | ウワイトキリレンカンL   | THREAD TRIMMER CONNECTING ROD (L)   |    |
| 2          | 141490001 | 1    | ウワイトキリレンカンS   | THREAD TRIMMER CONNECTING ROD (S)   |    |
| 3          | 141491001 | 1    | ウワイトキリレンカンツギテ | THREAD TRIMMER CONNECTING ROD JOINT |    |
| 4          | 100022005 | 2    | ナツト5.95       | NUT 5.95                            |    |
| 5          | 141492001 | 1    | タマツギテクミ       | JOINT ASSY                          |    |
| 6          | 141494001 | 1    | タマツギテダンネジ     | STUD SCREW                          |    |
| 7          | 100022005 | 1    | ナツト5.95       | NUT 5.95                            |    |
| 8          | 147565001 | 1    | ウワイトキリレバーササエ  | UPPER THREAD TRIMMER LEVER SUPPORT  |    |
| 10         | 100281001 | 1    | ザガネ           | WASHER                              |    |
| 11         | 048060342 | 1    | トメワE6         | RETAINING RING, E6                  |    |
| 12         | 141463001 | 1    | カツタサドウレバージク   | STUD                                |    |
| 13         | 149095001 | 1    | ザガネ           | WASHER                              |    |
| 14         | 062761212 | 1    | ナベコ595-28X12  | SCREW, PAN M5.95-28X12              |    |
| 38         | 062681012 | 2    | ナベコ437-40X10  | SCREW, PAN M4.37-40X10              |    |
| 40         | 107639001 | 1    | バネカケU         | SPRING HOOK (U)                     |    |
| 112        | 100022005 | 2    | ナツト5.95       | NUT 5.95                            |    |
| 113        | 141492001 | 2    | タマツギテクミ       | JOINT ASSY                          |    |
| 114        | 141494001 | 2    | タマツギテダンネジ     | STUD SCREW                          |    |
| <-2,-3,-5> |           |      |               |                                     |    |
| 9          | 141496001 | 1    | ウワイトキリヒンジ     | UPPER THREAD TRIMMER HINGE          |    |
| 15         | 141497001 | 1    | ウワイトキリレバーL    | UPPER THREAD TRIMMER LEVER (L)      |    |
| 16         | 145998001 | 1    | イトキリレバーサドウイタ  | LEVER DRIVING POSITIONER            |    |
| 17         | 141499001 | 1    | ダンネジ4.76      | STUD SCREW 4.76                     |    |
| 18         | 141500001 | 1    | サドウイタネジリバネ    | SPRING, TORTION                     |    |
| 19         | 062670412 | 1    | ナベコ357-40X4   | SCREW, PAN M3.57-40X4               |    |
| 20         | 141501001 | 1    | ウワイトキリヒンジピン   | PIN                                 |    |
| 21         | 141502001 | 1    | ウワイトキリレバーS    | UPPER THREAD TRIMMER LEVER (S)      |    |
| 22         | 107407003 | 2    | シメネジ4.37      | SCREW 4.37                          |    |
| 23         | 141504001 | 1    | イトキリレバーササエボウ  | THREAD TRIMMING LEVER SUPPORT STUD  |    |
| 24         | 110161004 | 1    | ナツト4.76       | NUT 4.76                            |    |
| 25         | 141505001 | 1    | イトキリレバーサドウバネ  | SPRING, EXTENSION                   |    |
| 26         | 141506001 | 1    | バネカケ          | SPRING HOOK                         |    |
| 27         | 062680712 | 1    | ナベコ437-40X7   | SCREW, PAN M4.37-40X7               |    |
| 28         | 533003001 | 1    | サドウイタストツバ     | STOPPER PLATE                       |    |
| 29         | 018400832 | 2    | アナボルト4X8      | BOLT, SOCKET M4X8                   |    |
| 30         | 141508001 | 1    | ウワイトキリハズシカネ   | UPPER THREAD TRIMMER DETACH PLATE   |    |
| 31         | 107407003 | 1    | シメネジ4.37      | SCREW 4.37                          |    |
| 32         | 141509101 | 1    | ハサミクミ         | UPPER THREAD TRIMMER ASSY           |    |
| 32-1       | 141510101 | 1    | ハサミD          | UPPER THREAD TRIMMER (D)            |    |
| 32-2       | 141511001 | 1    | ハサミUストツバピン    | PIN                                 |    |
| 32-3       | 141512101 | 1    | ハサミM          | UPPER THREAD TRIMMER (M)            |    |
| 32-4       | 141513001 | 1    | ハサミウエ         | UPPER THREAD TRIMMER (UPPER)        |    |
| 32-5       | 141514001 | 1    | ハサミダンネジ       | STUD SCREW                          |    |
| 33         | 062710812 | 1    | ナベコ476-32X8   | SCREW, PAN M4.76-32X8               |    |
| 34         | 025710232 | 1    | ヒラザガネチユウ4.76  | WASHER, PLAIN M 4.76                |    |
| 36         | 062680712 | 2    | ナベコ437-40X7   | SCREW, PAN M4.37-40X7               |    |
| 37         | 141516001 | 1    | ウワイトキリハサミニゲカム | UPPER THREAD TRIMMER CAM            |    |
| 39         | 141472002 | 1    | シタイトキリレバーバネカケ | SPRING HOOK                         |    |
| 41         | 141517101 | 1    | イトキリレバーササエバネ  | SPRING, EXTENSION                   |    |
| <-2,-3>    |           |      |               |                                     |    |
| 35-1       | 145999001 | 1    | ハサミアンナイクミ     | THREAD TRIMMER GUIDE ASSY           |    |
| 35-1-1     | 141515001 | 1    | ハサミアンナイ       | THREAD TRIMMER GUIDE                |    |
| 35-1-2     | 146000001 | 1    | ハサミササエ        | THREAD TRIMMING SUPPORT             |    |
| 35-1-3     | 146001001 | 1    | ダンネジ3.18      | STUD SCREW 3.18                     |    |
| 35-1-4     | 146002001 | 1    | ダンネジ3.18      | STUD SCREW 3.18                     |    |
| 35-1-5     | 021660102 | 2    | ナツト1シユ3.18    | NUT, 1 M3.18                        |    |
| 35-1-6     | 118352001 | 1    | ヒキバネ          | SPRING, EXTENSION                   |    |
| <-5>       |           |      |               |                                     |    |
| 35-2       | 147558001 | 1    | ハサミアンナイ       | THREAD TRIMMER GUIDE                |    |

V2 . 上糸切り関係/Upper thread trimmer mechanism/Oberer Fadenabschneider/  
 Mécanisme de la coupe-fil supérieur/Mecanismo de la recortadora de orillos superior

-4

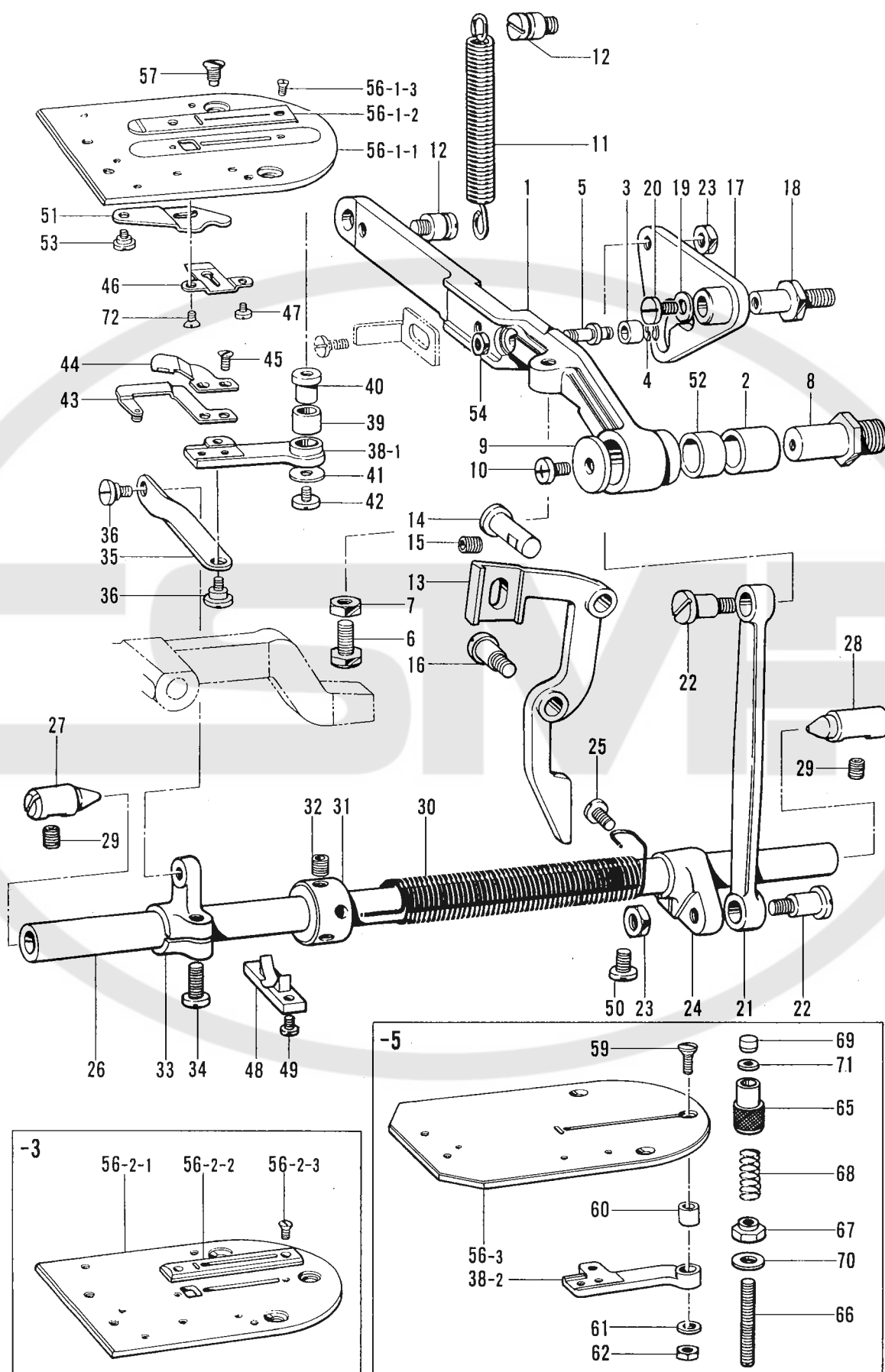


118-817-409

V2 . 上糸切り関係/Upper thread trimmer mechanism/Oberer Fadenabschneider/  
Mécanisme de la coupe-fil supérieur/Mecanismo de la recortadora de orillos superior

| REF.NO. | CODE      | Q'TY | ヒンメイ          | NAME OF PARTS                            | RM |
|---------|-----------|------|---------------|------------------------------------------|----|
|         |           |      | <-4>          |                                          |    |
| 61      | 145407001 | 1    | ヒモキリカンクミ      | GIMP TRIMMING CONNECTOR ASSY             |    |
| 62      | 118244001 | 2    | ダンネジ5.95      | STUD SCREW 5.95                          |    |
| 63      | 116755001 | 1    | ダンネジ4.37      | STUD SCREW 4.37                          |    |
| 64      | 145411001 | 1    | バネカケ          | SPRING HOOK                              |    |
| 65      | 062680512 | 1    | ナベコ437-40X5   | SCREW, PAN M4.37-40X5                    |    |
| 66      | 145412001 | 1    | ヒモキリカンモドシバネ   | SPRING, EXTENSION                        |    |
| 67      | 145413001 | 1    | ヒモキリセツトバネ     | SPRING, PLATE                            |    |
| 68      | 060660512 | 2    | バインド318-40X5  | SCREW, BIND M3.18-40X5                   |    |
| 69      | 145415001 | 1    | ヒモキリセツトイタ     | GIMP KNIFE SET PLATE                     |    |
| 70      | 145416001 | 1    | ヒモキリセツトイタジク   | GIMP KNIFE SET PLATE STUD                |    |
| 71      | 100197002 | 1    | ザガネ           | WASHER                                   |    |
| 72      | 048060342 | 1    | トメワE6         | RETAINING RING, E6                       |    |
| 73      | 151601002 | 1    | トメネジ4.37      | SET SCREW, M4.37                         |    |
| 74      | 145417001 | 1    | ヒモキリアーム       | GIMP TRIMMING ARM                        |    |
| 75      | 143788001 | 1    | レバーストツバジク     | STUD                                     |    |
| 76      | 014770622 | 1    | アナトメネジ6.35クボミ | SET SCREW, SOCKET (CP) M6.35             |    |
| 77      | 145418009 | 1    | ヒモキリヒキダイ      | GIMP TRIMMER PULLING BRACKET             |    |
| 78      | 018401622 | 2    | アナボルト4X16     | BOLT, SOCKET M4X16                       |    |
| 79      | 145419001 | 1    | ヒモキリリンク       | GIMP TRIMMING LINK                       |    |
| 80      | 143788001 | 1    | レバーストツバジク     | STUD                                     |    |
| 81      | 151601002 | 1    | トメネジ4.37      | SET SCREW, M4.37                         |    |
| 82      | 145420001 | 1    | シャイトキリサドウレンカン | LOWER THREAD TRIMMER DRIVING ROD         |    |
| 83      | 145421001 | 1    | ヒモキリヒキイタ      | GIMP PULLING PLATE                       |    |
| 84      | 107407003 | 2    | シメネジ4.37      | SCREW 4.37                               |    |
| 85      | 145732001 | 1    | ヒモキリウデクミ      | GIMP TRIMMING BRACKET ASSY               |    |
| 86      | 145426009 | 1    | オサエアゲレバー      | CLAMPING FOOT LIFTER LEVER               |    |
| 87      | 145427001 | 1    | ボルト7.94       | BOLT, M7.94                              |    |
| 88      | 145428001 | 1    | シャイトキリレバーストツバ | LOWER THREAD TRIMMER LEVER STOPPER       |    |
| 89      | 062680612 | 2    | ナベコ4.37-40X6  | SCREW, PAN M4.37-40X6                    |    |
| 90      | 145429001 | 1    | オサエアゲストツバ     | UPPER CLAMPING FOOT LIFTER LEVER STOPPER |    |
| 91      | 116755001 | 1    | ダンネジ4.37      | STUD SCREW 4.37                          |    |
| 92      | 145430001 | 1    | ストツバモドシバネ     | SPRING                                   |    |
| 93      | 062680612 | 1    | ナベコ4.37-40X6  | SCREW, PAN M4.37-40X6                    |    |
| 94      | 145431001 | 1    | シャイトキリレバーバネ   | SPRING, EXTENSION                        |    |
| 95      | 017681012 | 1    | ボルト4.37X10    | BOLT, M4.37X10                           |    |
| 96      | 145433001 | 1    | ハサミハズシレバ      | THREAD TRIMMER DETACH LEVER              |    |
| 97      | 145434001 | 1    | ハズシレバーメタル     | THREAD TRIMMING DETACH LEVER BUSH        |    |
| 98      | 145435001 | 1    | ハズシレバーダキ      | DETACH LEVER HOLDER                      |    |
| 99      | 018400832 | 1    | アナボルト4X8      | BOLT, SOCKET M4X8                        |    |
| 100     | 145414001 | 1    | ヒモキリハズシカネ     | GIMP TRIMMING DETACH LEVER               |    |
| 101     | 100644005 | 2    | シメネジ4.37      | SCREW 4.37                               |    |
| 102     | 145436001 | 1    | ハズシカネストツバ     | STOPPER                                  |    |
| 103     | 060670812 | 2    | バインド357-40X8  | SCREW, BIND M3.57-40X8                   |    |
| 104     | 113897001 | 1    | セツシヨクシリリーサバネ  | SPRING, EXTENSION                        |    |
| 106     | 107657001 | 1    | バネカケ          | SPRING HOOK                              |    |
| 108     | 100645003 | 2    | ザガネ           | WASHER                                   |    |
| 109     | 113897001 | 1    | セツシヨクシリリーサバネ  | SPRING, EXTENSION                        |    |
| 110     | 145983001 | 1    | ヒモキリセーフイタ     | GIMP TRIMMING SAFETY PLATE               |    |
| 111     | 025080132 | 2    | ヒラザガネシヨウ8     | WASHER, PLAIN S 8                        |    |

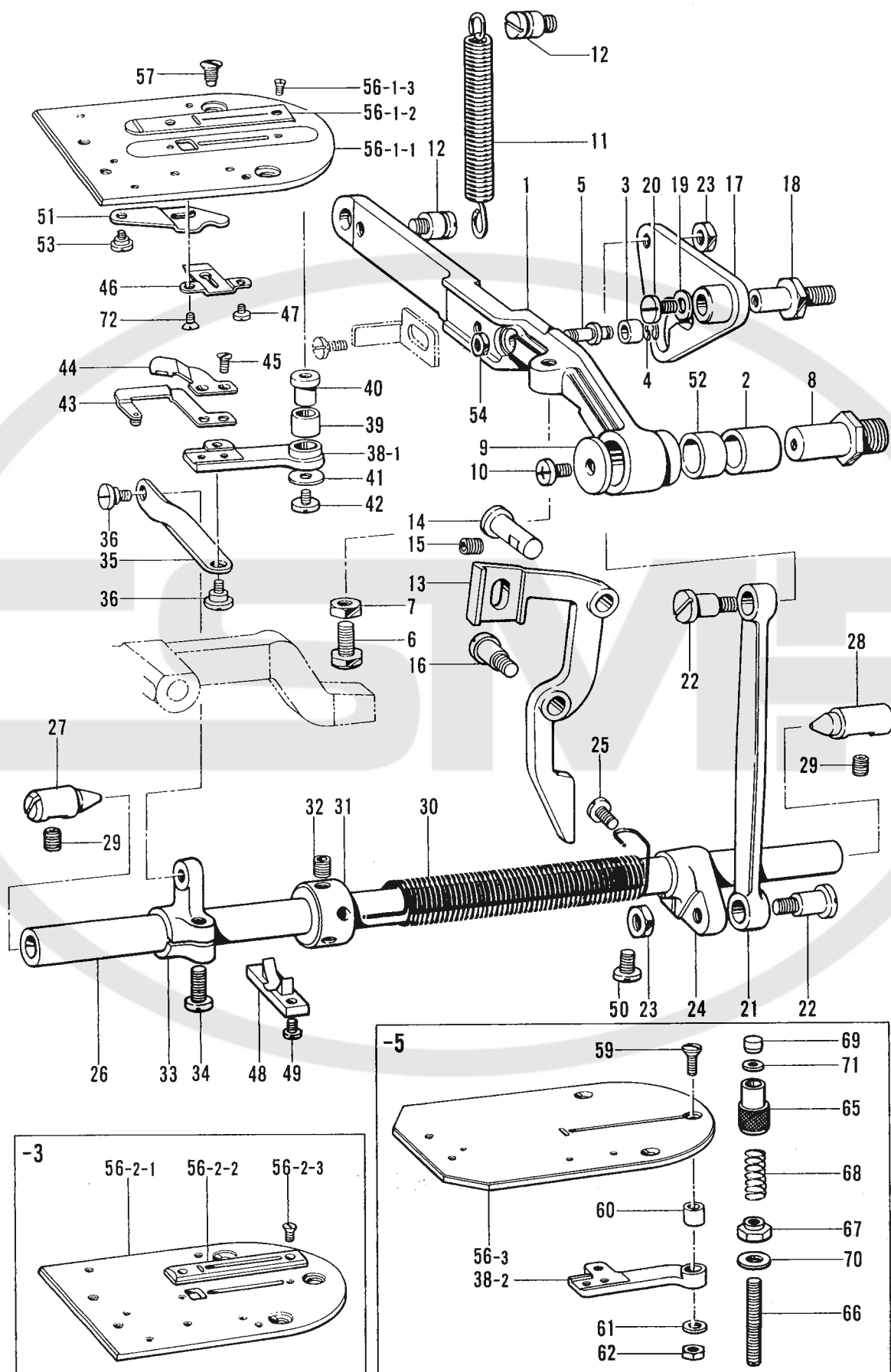
W. 下糸切り関係/Lower thread trimmer mechanism/Unterer Fadenabschneider/  
Mécanisme de la coupe-fil inférieur/Mecanismo de la recortadora de orillos inferior



W. 下糸切り関係/Lower thread trimmer mechanism/Unterer Fadenabschneider/  
Mécanisme de la coupe-fil inférieur/Mecanismo de la recortadara de orillos inferior

| REF.NO. | CODE      | Q'TY | ヒンメイ          | NAME OF PARTS                         | RM |
|---------|-----------|------|---------------|---------------------------------------|----|
| 2       | 142372000 | 1    | DUブシュ         | (DU) BUSH                             |    |
| 3       | 107744001 | 1    | コロ            | ROLLER                                |    |
| 4       | 048030342 | 1    | トメワE3         | RETAINING RING, E3                    |    |
| 5       | 141519001 | 1    | イトキリサドウカムコロジク | ROLLER SHAFT                          |    |
| 8       | 141520001 | 1    | シタイトキリレバージク   | LOWER THREAD TRIMMER LEVER SHAFT      |    |
| 9       | 149095001 | 1    | ザガネ           | WASHER                                |    |
| 10      | 062761012 | 1    | ナベコ595-28X10  | SCREW, PAN M5.95-28X10                |    |
| 12      | 141472002 | 2    | シタイトキリレバーバネカケ | SPRING HOOK                           |    |
| 13      | 141522001 | 1    | シタイトキリレバーストツバ | LOWER THREAD TRIMMER LEVER STOPPER    |    |
| 14      | 143788001 | 1    | レバーストツバジク     | STUD                                  |    |
| 15      | 014760622 | 1    | アナトメネジ5.95    | SET SCREW, SOCKET (CP) M5.95          |    |
| 16      | 115493002 | 1    | ダンネジ5.95      | STUD SCREW 5.95                       |    |
| 17      | 141523001 | 1    | シタイトキリサドウカムクミ | LOWER THREAD TRIMMER DRIVING CAM ASSY |    |
| 18      | 141526001 | 1    | シタイトキリサドウカムジク | LOWER THREAD TRIMMER DRIVING CAM STUD |    |
| 19      | 025050232 | 1    | ヒラザガネチユウ-5    | WASHER, PLAIN M 5                     |    |
| 20      | 106629002 | 1    | シメネジ4.37      | SCREW 4.37                            |    |
| 22      | 141528001 | 2    | ダンネジ6.35      | STUD SCREW 6.35                       |    |
| 23      | 150556001 | 2    | ナツト6.35       | NUT 6.35                              |    |
| 24      | 141529000 | 1    | シタイトキリジクウデA   | LOWER THREAD TRIMMER SHAFT ARM (A)    |    |
| 25      | 062681212 | 1    | ナベコ437-40X12  | SCREW, PAN M4.37-40X12                |    |
| 26      | 141530001 | 1    | シタイトキリジク      | LOWER THREAD TRIMMER SHAFT            |    |
| 27      | 104847001 | 1    | オクリジクセンタL     | FEED SHAFT CENTER (L)                 |    |
| 28      | 104848001 | 1    | オクリジクセンタR     | FEED SHAFT CENTER (R)                 |    |
| 29      | 014760622 | 2    | アナトメネジ5.95    | SET SCREW, SOCKET (CP) M5.95          |    |
| 30      | 141531001 | 1    | シタイトキリジクバネ    | SPRING                                |    |
| 31      | 141532001 | 1    | セツトカラー        | SET COLLAR                            |    |
| 32      | 014770622 | 2    | アナトメネジ6.35クボミ | SET SCREW, SOCKET (CP) M6.35          |    |
| 33      | 141533001 | 1    | シタイトキリジクウデB   | LOWER THREAD TRIMMER SHAFT ARM (B)    |    |
| 34      | 062751612 | 1    | ナベコ556-32X16  | SCREW, PAN M5.56-32X16                |    |
| 35      | 141534001 | 1    | シタイトキリリンク     | LOWER THREAD TRIMMER LINK             |    |
| 36      | 141535001 | 2    | ダンネジ4.76      | STUD SCREW 4.76                       |    |
| 43      | 142416001 | 1    | シタイトユルメレバークミ  | LOWER THREAD RELEASE LEVER ASSY       |    |
| 44      | 141541001 | 1    | シタイトキリサドウハ    | MOVABLE KNIFE                         |    |
| 45      | 141542001 | 2    | サラネジ3.18      | SCREW, FLAT M3.18                     |    |
| 46      | 141543001 | 1    | シタイトキリコティハ    | FIXED KNIFE                           |    |
| 47      | 141544001 | 1    | シメネジ3.18      | SCREW 3.18                            |    |
| 48      | 141545001 | 1    | シタイトキリジクシキリイタ | LOWER THREAD TRIMMER SHAFT PLATE      |    |
| 49      | 062670612 | 2    | ナベコ357-40X6   | SCREW, PAN M3.57-40X6                 |    |
| 50      | 062761212 | 1    | ナベコ595-28X12  | SCREW, PAN M5.95-28X12                |    |
| 51      | 142419001 | 1    | シタイトユルメ       | LOWER THREAD RELEASER                 |    |
| 52      | 142373000 | 1    | DUブシュ         | (DU) BUSH                             |    |
| 53      | 142420001 | 1    | ダンネジ3.18      | STUD SCREW 3.18                       |    |
| 54      | 110161004 | 1    | ナツト4.76       | NUT 4.76                              |    |
| 57      | 100032004 | 2    | サラネジ4.37      | SCREW, FLAT M4.37                     |    |
| 72      | 149288003 | 1    | サラネジ3.18      | SCREW, FLAT M3.18                     |    |

W. 下糸切り関係/Lower thread trimmer mechanism/Unterer Fadenabschneider/  
Mécanisme de la coupe-fil inférieur/Mecanismo de la recortadora de orillos inferior

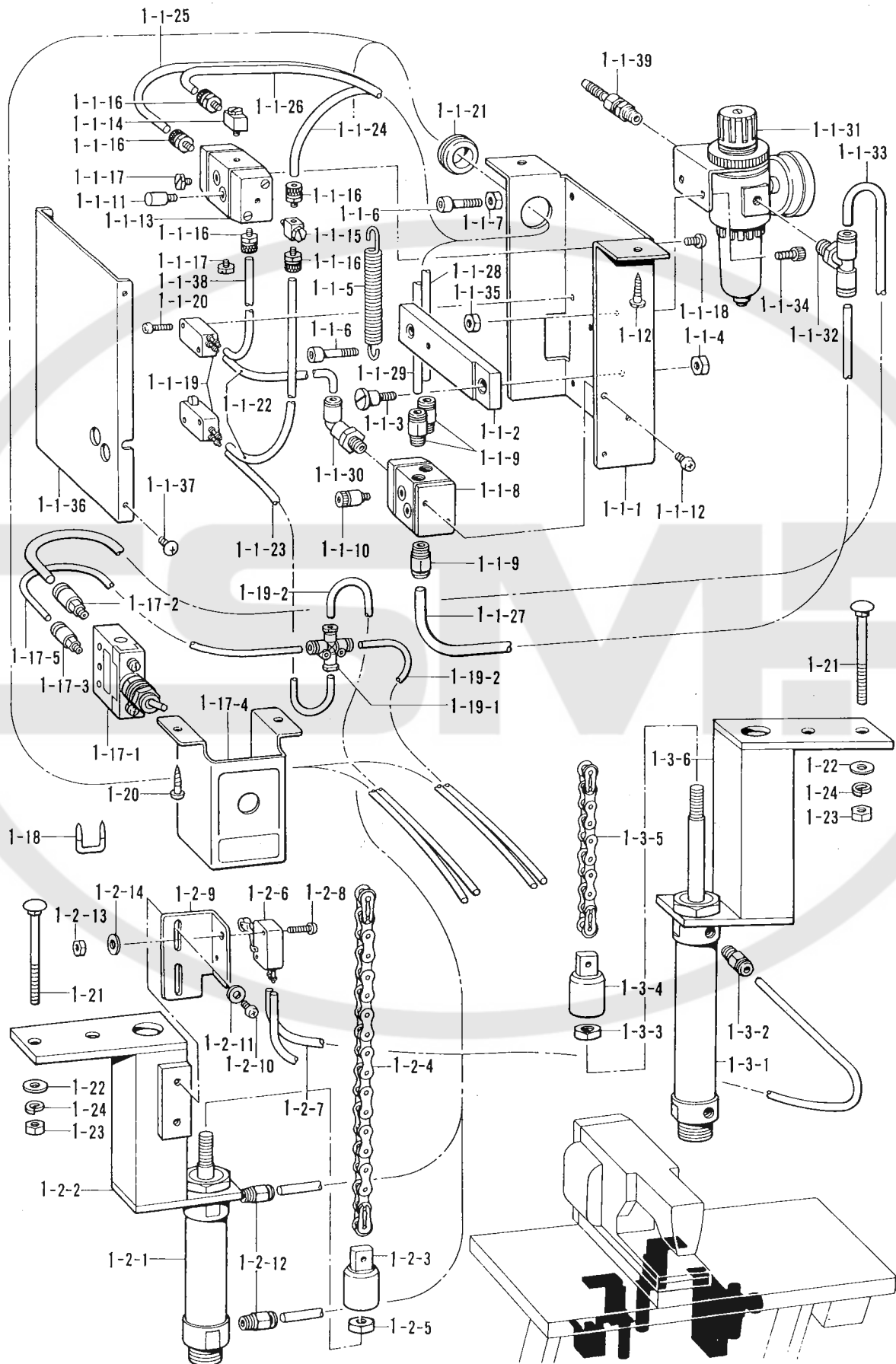


W. 下糸切り関係/Lower thread trimmer mechanism/Unterer Fadenabschneider/  
Mécanisme de la coupe-fil inférieur/Mecanismo de la recortadora de orillos inferior

| REF.NO. | CODE      | Q'TY | ヒンメイ                         | NAME OF PARTS                    | RM |
|---------|-----------|------|------------------------------|----------------------------------|----|
| 1       | 141518009 | 1    | <-2,-3,-5><br>シタイトキリレバー      | LOWER THREAD TRIMMER LEVER       |    |
| 6       | 115585001 | 1    | ボルト7.94                      | BOLT, M7.94                      |    |
| 7       | 152997001 | 1    | ナット7.94                      | NUT 7.94                         |    |
| 11      | 141521001 | 1    | シタイトキリレバーヒキバネ                | SPRING, EXTENSION                |    |
| 21      | 141527001 | 1    | シタイトキリサドウレンカン                | LOWER THREAD TRIMMER DRIVING ROD |    |
| 38-1    | 141537001 | 1    | <-2,-3,-4><br>シタイトキリメストリツケウデ | LOWER THREAD TRIMMER SET ARM     |    |
| 39      | 141538001 | 1    | トリツケウデブシユA                   | BUSH (A)                         |    |
| 40      | 141539001 | 1    | トリツケウデブシユB                   | BUSH (B)                         |    |
| 41      | 512769001 | 1    | ザガネ                          | WASHER                           |    |
| 42      | 105451001 | 1    | シメネジ3.57                     | SCREW 3.57                       |    |
| 56-1    | 145244001 | 1    | <-2,-4><br>ハリイタクミ            | NEEDLE PLATE ASSY                |    |
| 56-1-1  | 145245001 | 1    | ベースハリイタU                     | BASE PLATE (U)                   |    |
| 56-1-2  | 145246001 | 1    | ハリイタO                        | NEEDLE PLATE (O)                 |    |
| 56-1-3  | 145247001 | 2    | サラネジ2.38                     | SCREW, FLAT M2.38                |    |
| 56-2    | 144633001 | 1    | <-3><br>ハリイタ1.2クミ            | NEEDLE PLATE 1.2 ASSY            |    |
| 56-2-1  | 144634001 | 1    | ベースハリイタ                      | BASE PLATE                       |    |
| 56-2-2  | 144635001 | 1    | ハリイタ1.2                      | NEEDLE PLATE 1.2                 |    |
| 56-2-3  | 111073001 | 2    | サラネジ2.38                     | SCREW, FLAT M2.38                |    |
| 38-2    | 147235001 | 1    | <-5><br>シタイトキリメストリツケウデ       | LOWER THREAD TRIMMER SET ARM     |    |
| 56-3    | 147234001 | 1    | ハリイタ50                       | NEEDLE PLATE 50                  |    |
| 59      | 105955002 | 1    | シメネジ4.37                     | SCREW 4.37                       |    |
| 60      | 147236001 | 1    | メストリツケウデコロ                   | KNIFE SET ARM ROLLER             |    |
| 61      | 140025002 | 1    | ザガネ                          | WASHER                           |    |
| 62      | 102571003 | 1    | ナット4.37                      | NUT 4.37                         |    |
| 65      | 143394001 | 1    | レバートメ                        | LEVER STOPPER                    |    |
| 66      | 140649001 | 1    | トメネジ7.94                     | SET SCREW, M7.94                 |    |
| 67      | 140650001 | 1    | チヨウセツナット                     | ADJUST NUT                       |    |
| 68      | 140651001 | 1    | ストツバオシバネ                     | SPRING, COMPRESSION              |    |
| 69      | 146011001 | 1    | クツシヨン                        | CUSHION                          |    |
| 70      | 025080132 | 1    | ヒラザガネシヨウ8                    | WASHER, PLAIN S 8                |    |
| 71      | 111920000 | 1    | ザガネ                          | WASHER                           |    |

X1. 付属装置関係(エア式ワンペダル装置)/Attachment set(Pneumatic one-pedal device)/  
Anbausatz(Pneumatische einpedalbedienung)/Jeu d'accessoires(Pedale unique  
pneumatique) / Juego de fijación(Unidad de un solo pedal neumatico)

エア関係 / Air pressure mechanism / Luftdruck / Mécanisme de la pression d'air /  
Mecanismo de la presión de air

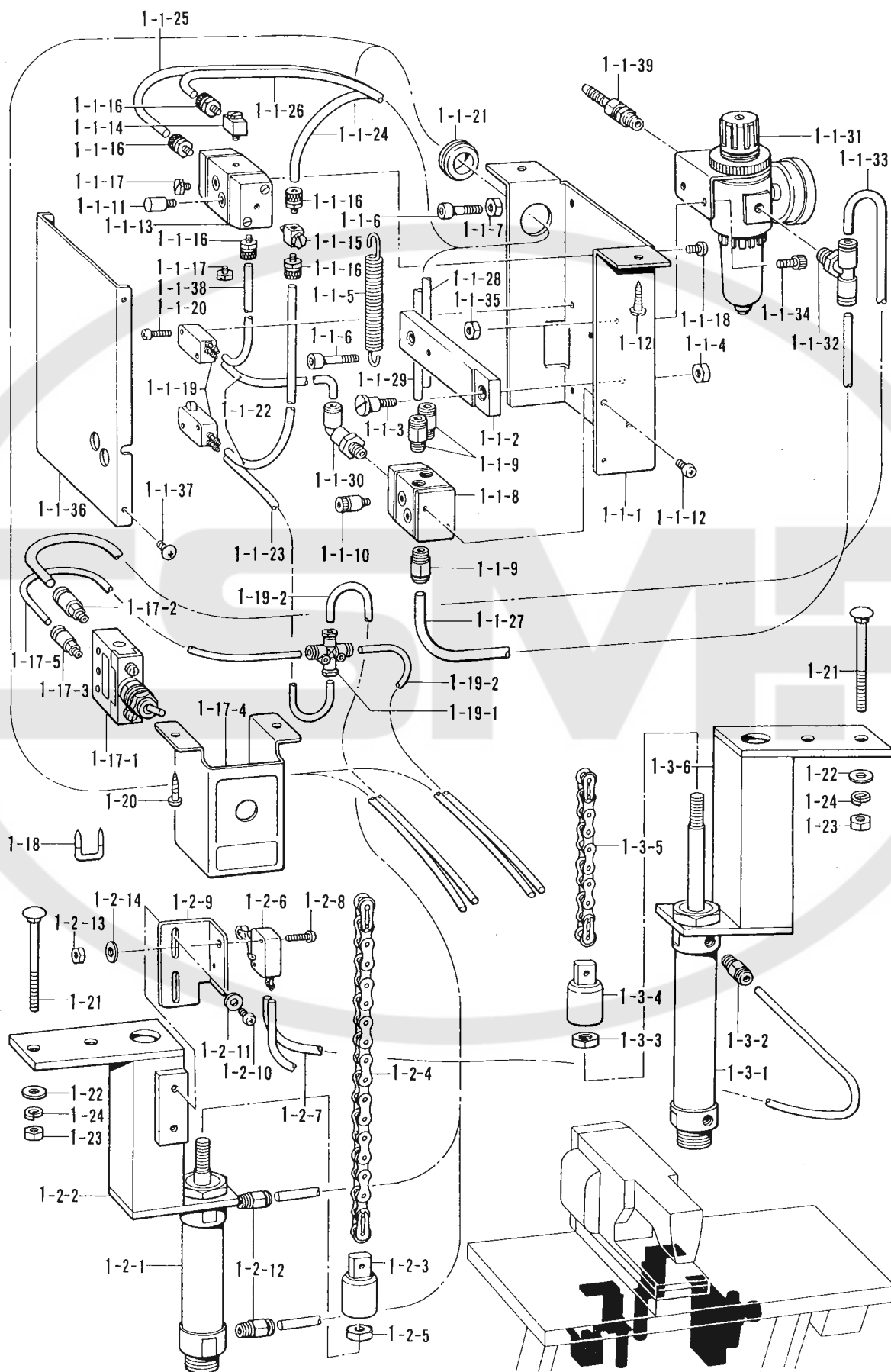


X1. 付属装置関係(エアー式ワンペダル装置)/Attachment set(Pneumatic one-pedal device) /  
Anbausatz(Pneumatische einpedalbedienung)/Jeu d'accessoires(Pedale unique  
pneumatique)/Juego de fijación(Unidad de un solo pedal neumático)

| REF.NO. | CODE      | Q'TY | 品名                      | NAME OF PARTS               | RM |
|---------|-----------|------|-------------------------|-----------------------------|----|
| 1       | S34196009 | 1    | エアーワンペソウチ               | AIR TYPE ONE PEDAL DEVICE   |    |
| 1-1     | S01517109 | 1    | スイッチボックス                | SWITCH BOX ASSY             |    |
| 1-1-1   | S01518009 | 1    | スイッチボックス                | SWITCH BOX                  |    |
| 1-1-2   | S01519001 | 1    | スイッチレバー                 | SWITCH LEVER                |    |
| 1-1-3   | 145486001 | 1    | ダンネジ7.14                | STUD SCREW 7.14             |    |
| 1-1-4   | 100090004 | 1    | ナット7.14                 | NUT 7.14                    |    |
| 1-1-5   | S01520001 | 1    | ヒキバネ                    | SPRING, EXTENSION           |    |
| 1-1-6   | 018503022 | 2    | アナボルト5X30               | BOLT, SOCKET M5X30          |    |
| 1-1-7   | 021500103 | 2    | ナット1シユ5                 | NUT, 1 M5                   |    |
| 1-1-8   | S01521000 | 1    | エアオペレートバルブS             | AIR OPERATE VALVE (S)       |    |
| 1-1-9   | S01522000 | 3    | ハーフユニオン                 | HALF UNION                  |    |
| 1-1-10  | 153268001 | 2    | シボリベン                   | THROTTLE VALVE              |    |
| 1-1-11  | 153269001 | 1    | サイレンサー                  | SILENCER                    |    |
| 1-1-12  | 002400803 | 2    | +ナベコ4X8                 | SCREW, PAN M4X8             |    |
| 1-1-13  | S01523000 | 1    | エアオペレートバルブW             | AIR OPERATE VALVE (W)       |    |
| 1-1-14  | 158658000 | 1    | ユニバーサルエルボ               | UNIVERSAL ELBOW             |    |
| 1-1-15  | S01524000 | 1    | ユニバーサルチー                | UNIVERSAL T-JOINT           |    |
| 1-1-16  | 158660000 | 5    | ナイロンホースニツブル             | NIPPLE                      |    |
| 1-1-17  | S01525000 | 2    | プラグ                     | PLUG                        |    |
| 1-1-18  | 002400803 | 2    | +ナベコ4X8                 | SCREW, PAN M4X8             |    |
| 1-1-19  | S01526000 | 2    | マイクロメカバルブS              | MICRO VALVE (S)             |    |
| 1-1-20  | 002301603 | 4    | +ナベコ3X16                | SCREW, PAN M3X16            |    |
| 1-1-21  | S01527000 | 1    | ゴムブツシユL                 | RUBBER BUSH (L)             |    |
| 1-1-22  | S01528000 | 2    | エアーチューブA (L=160)        | AIR TUBE (A) (L=160)        |    |
| 1-1-23  | S01529100 | 1    | エアーチューブB (L=700)        | AIR TUBE (B) (L=700)        |    |
| 1-1-24  | S01531000 | 1    | エアーチューブD (L=600)        | AIR TUBE (D) (L=600)        |    |
| 1-1-25  | S01532000 | 1    | エアーチューブE (L=1700)       | AIR TUBE (E) (L=1700)       |    |
| 1-1-26  | S01533000 | 1    | エアーチューブF (L=1700)       | AIR TUBE (F) (L=1700)       |    |
| 1-1-27  | S01534000 | 1    | エアーチューブG (L=200)        | AIR TUBE (G) (L=200)        |    |
| 1-1-28  | S01535000 | 1    | エアーチューブH (L=600)        | AIR TUBE (H) (L=600)        |    |
| 1-1-29  | S01536000 | 1    | エアーチューブI (L=600)        | AIR TUBE (I) (L=600)        |    |
| 1-1-30  | S04909000 | 1    | エルボユニオン                 | ELBOW UNION                 |    |
| 1-1-31  | S01540000 | 1    | レギュレータ                  | REGULATOR                   |    |
| 1-1-32  | S24514000 | 1    | チーヅユニオン                 | T-JOINT                     |    |
| 1-1-33  | S24518000 | 1    | エアーホース0604N120W(L=1200) | AIR TUBE 0604N120W (L=1200) |    |
| 1-1-34  | 018061222 | 2    | アナボルト6X12               | BOLT, SOCKET M6X12          |    |
| 1-1-35  | 021060206 | 2    | 2シユナット6                 | NUT, 2 M6                   |    |
| 1-1-36  | S01543009 | 1    | スイッチカバー                 | SWITCH COVER                |    |
| 1-1-37  | 002400803 | 4    | +ナベコ4X8                 | SCREW, PAN M4X8             |    |
| 1-1-38  | S01539000 | 1    | エアーチューブK (L=45)         | AIR TUBE (K) (L=45)         |    |
| 1-1-39  | 140678001 | 1    | ホースツギテ                  | HOSE JOINT                  |    |
| 1-2     | S29858009 | 1    | オサエシリンダ4クミ              | PRESSER CYLINDER 4 ASSY     |    |
| 1-2-1   | S31804000 | 1    | エアーシリンダ25-50A           | AIR CYLINDER 25-50A         |    |
| 1-2-2   | S31803009 | 1    | シリンダブラケットP              | CYLINDER BRACKET (P)        |    |
| 1-2-3   | S01547001 | 1    | ツギテ                     | JOINT                       |    |
| 1-2-4   | S01574000 | 1    | 17Pチェーン                 | 17P CHAIN                   |    |
| 1-2-5   | 149488001 | 1    | ロツドナット                  | ROD NUT                     |    |
| 1-2-6   | S01548000 | 1    | マイクロメカバルブSR             | MICRO VALVE (SR)            |    |
| 1-2-7   | S01537000 | 1    | エアーチューブJ (L=500)        | AIR TUBE (J) (L=500)        |    |
| 1-2-8   | 002301603 | 2    | +ナベコ3X16                | SCREW, PAN M3X16            |    |
| 1-2-9   | S24575001 | 1    | スイッチプレート                | SWITCH PLATE                |    |
| 1-2-10  | 002400803 | 2    | +ナベコ4X8                 | SCREW, PAN M4X8             |    |
| 1-2-11  | 025040233 | 2    | ヒラザガネチユウ4               | WASHER, PLAIN M 4           |    |
| 1-2-12  | S01522000 | 2    | ハーフユニオン                 | HALF UNION                  |    |
| 1-2-13  | 021300103 | 1    | ナット1シユ3                 | NUT, 1 M3                   |    |
| 1-2-14  | 025030335 | 1    | ヒラザガネダイ3                | WASHER, PLAIN L 3           |    |

X1. 付属装置関係(エア式ワンペダル装置)/Attachment set(Pneumatic one-pedal device) /  
Anbausatz(Pneumatische einpedalbedienung)/Jeu d'accessoires(Pedale unique  
pneumatique)/Juego de fijación(Unidad de un solo pedal neumatico)

エア関係 / Air pressure mechanism / Luftdruck / Mécanisme de la pression d'air /  
Mecanismo de la presión de air

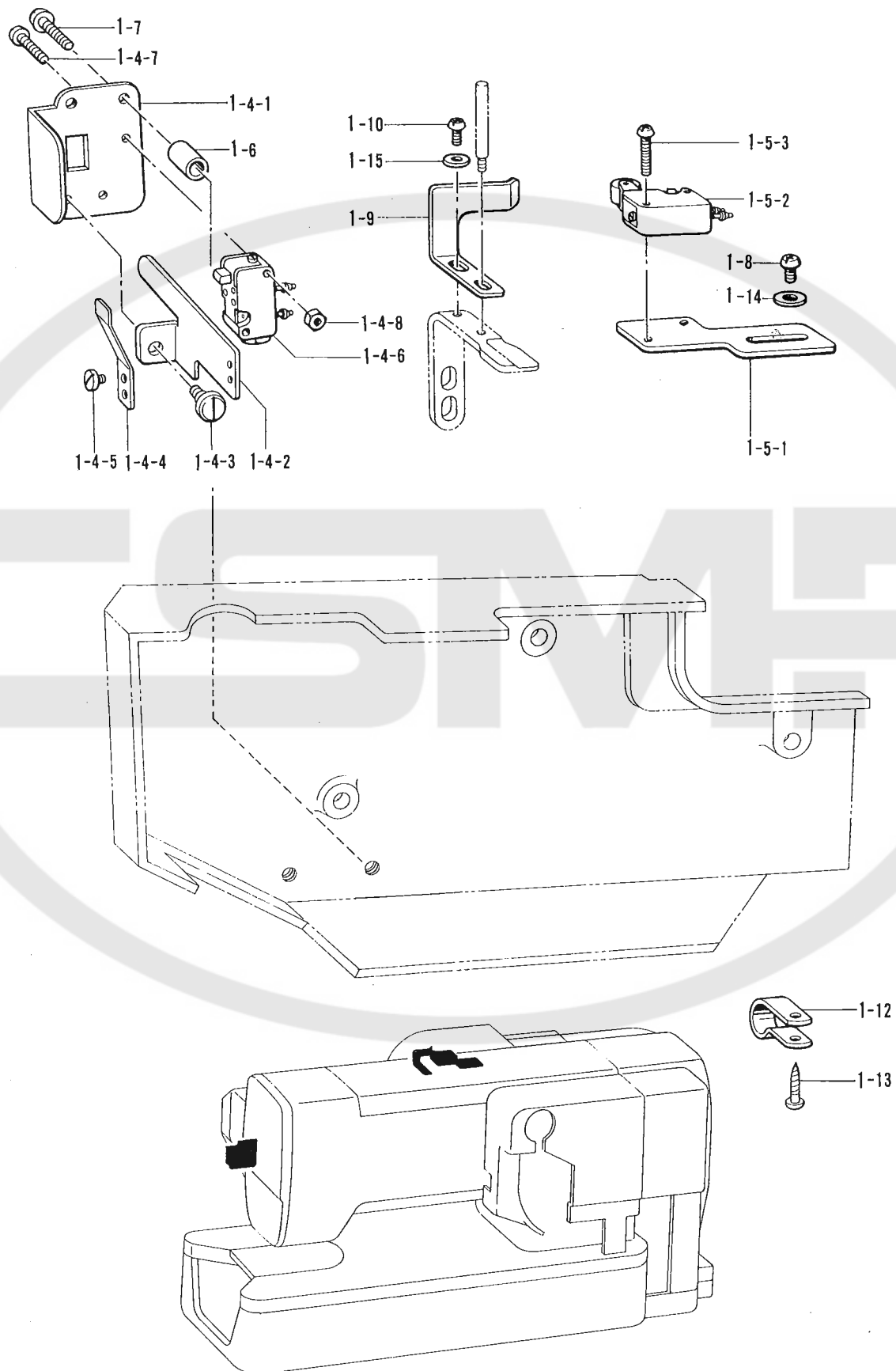


X1. 付属装置関係(エアー式ワンペダル装置)/Attachment set(Pneumatic one-pedal device) /  
Anbausatz(Pneumatische einpedalbedienung)/Jeu d'accessoires(Pedale unique  
pneumatique)/Juego de fijación(Unidad de un solo pedal neumatico)

| REF.NO. | CODE      | Q'TY | ヒンメイ              | NAME OF PARTS                         | RM |
|---------|-----------|------|-------------------|---------------------------------------|----|
| 1-3     | S29859009 | 1    | シドウシリンダクミ         | STARTING CYLINDER ASSY                |    |
| 1-3-1   | S01551000 | 1    | エアーシリンダ25-50T     | AIR CYLINDER 25-50T                   |    |
| 1-3-2   | S04910000 | 1    | ハーフユニオン           | HALF UNION                            |    |
| 1-3-3   | 149488001 | 1    | ロッドナット            | ROD NUT                               |    |
| 1-3-4   | S01547001 | 1    | ツギテ               | JOINT                                 |    |
| 1-3-5   | S00780000 | 1    | 9Pチェーン            | 9P-CHAIN                              |    |
| 1-3-6   | S29860009 | 1    | シリンダブラケットS        | CYLINDER BRACKET (S)                  |    |
| 1-12    | 031553202 | 2    | マルモクネジ5.5X32      | WOOD SCREW, ROUND M5.5X32             |    |
| 1-17    | S24515000 | 1    | エアーワンペソウチSWクミ     | AIR TYPE ONE PEDAL DEVICE SWITCH ASSY |    |
| 1-17-1  | S24516000 | 1    | メカニカルバルブ          | MECHANICAL VALVE                      |    |
| 1-17-2  | S14145000 | 1    | ハーフユニオン06-M5      | HALF UNION 06-M5                      |    |
| 1-17-3  | S04905000 | 1    | ハーフユニオン           | HALF UNION                            |    |
| 1-17-4  | S24517000 | 1    | エアーソウチSWパネル       | AIR DEVICE SWITCH PANEL               |    |
| 1-17-5  | S01530000 | 1    | エアーチューブC (L=1700) | AIR TUBE (C) (L=1700)                 |    |
| 1-18    | 200190001 | 5    | ステツプル             | STAPLE                                |    |
| 1-19    | S24519000 | 1    | ジユウジツギテクミ         | CROSS JOINT ASSY                      |    |
| 1-19-1  | S24520000 | 1    | ジユウジツギテ04-Q       | CROSS JOINT 04-Q                      |    |
| 1-19-2  | S01530000 | 2    | エアーチューブC (L=1700) | AIR TUBE (C) (L=1700)                 |    |
| 1-20    | 101118001 | 2    | マルモクネジ4.5X20      | WOOD SCREW, ROUND M4.5X20             |    |
| 1-21    | 119755001 | 4    | カクネボルト6X60        | BOLT, M6X60                           |    |
| 1-22    | 025060336 | 4    | ヒラザガネダイ6          | WASHER, PLAIN L 6                     |    |
| 1-23    | 021060106 | 4    | ナット1シユ6           | NUT, 1 M6                             |    |
| 1-24    | 028060242 | 4    | バネザガネ2-6          | WASHER, SPRING 2-6                    |    |

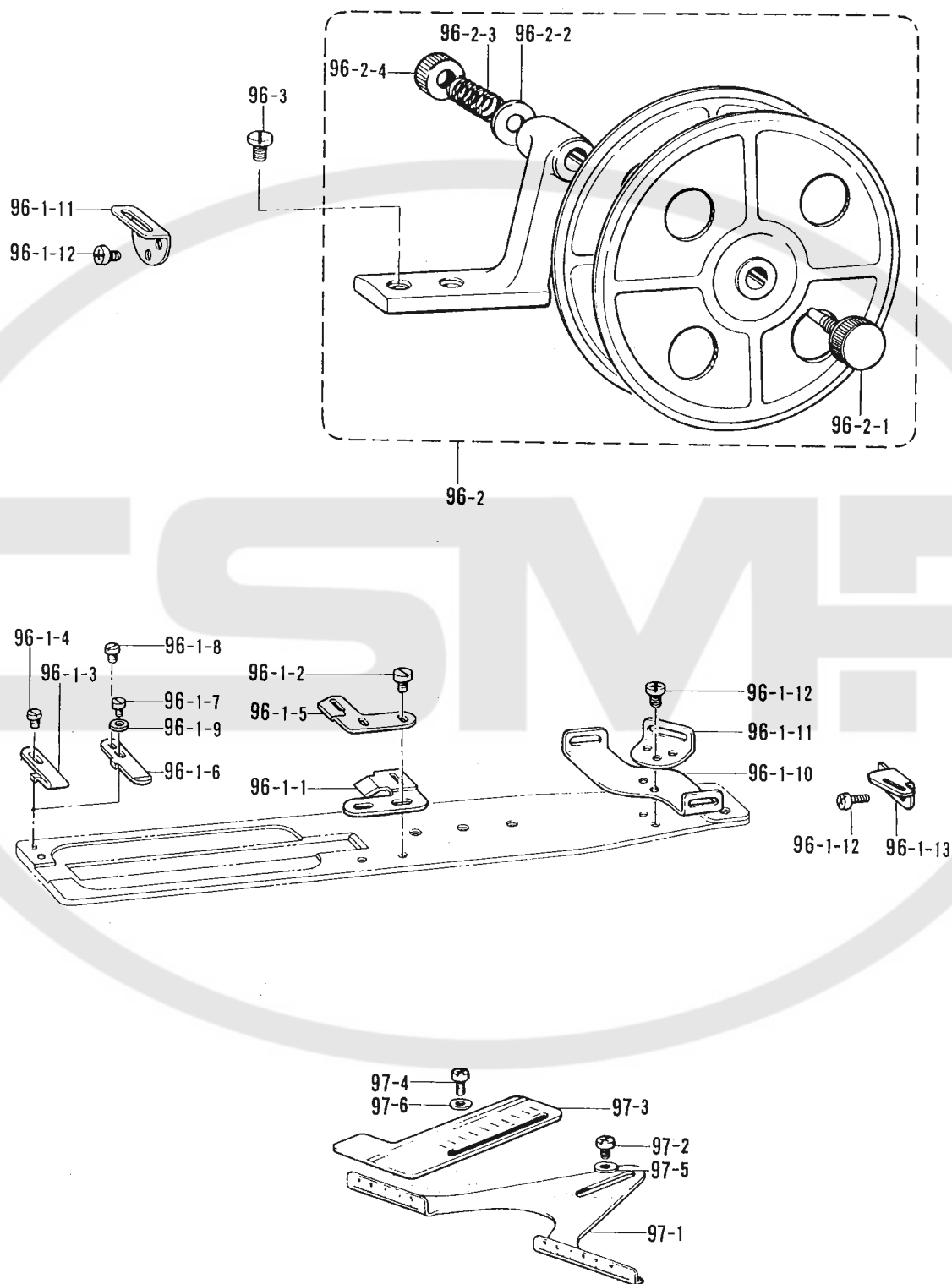
X2 . 付属装置関係(エアー式ワンペダル装置)/Attachment set(Pneumatic one-pedal device) /  
 Anbausatz(Pneumatische einpedalbedienung)/Jeu d'accessoires(Pedale unique  
 pneumatique)/Juego de fijación(Unidad de un solo pedal neumático)

OP頭部組付関係 / Single pedal mechanism installed in the head / Maschineborteil mit einem  
 pedal / Mécanism de l'ensemble de la tête pour une machine avec une seule pédale /  
 Mecanismo del conjunto de cabeza con pedal sencillo



X2. 付属装置関係(エア式ワンペダル装置)/Attachment set(Pneumatic one-pedal device) /  
Anbausatz(Pneumatische einpedalbedienung)/Jeu d'accessoires(Pedale unique  
pneumatique)/Juego de fijación(Unidad de un solo pedal neumatico)

| REF.NO. | CODE      | Q'TY | ヒンメイ         | NAME OF PARTS             | RM |
|---------|-----------|------|--------------|---------------------------|----|
| 1-4     | S33014009 | 1    | センサーSW7クミ    | SENSOR SWITCH 7 ASSY      |    |
| 1-4-1   | S33011009 | 1    | センサーベース7     | SENSOR BASE 7             |    |
| 1-4-2   | S33012001 | 1    | リセットレバー      | RESET LEVER               |    |
| 1-4-3   | 113730001 | 1    | ダンネジ4.37     | STUD SCREW 4.37           |    |
| 1-4-4   | S01577001 | 1    | スイッチバネ4      | SPRING, PLATE 4           |    |
| 1-4-5   | 110215002 | 2    | シメネジ3.57     | SCREW 3.57                |    |
| 1-4-6   | S01557000 | 1    | マイクロメカバルブD   | MICRO VALVE (D)           |    |
| 1-4-7   | 002301603 | 2    | +ナベコ3X16     | SCREW, PAN M3X16          |    |
| 1-4-8   | 021300103 | 2    | ナット1シユ3      | NUT, 1 M3                 |    |
| 1-5     | S01580001 | 1    | ゲンテンSWクミ     | HOME POSITION SWITCH ASSY |    |
| 1-5-1   | S01581001 | 1    | ゲンテンイタ       | HOME POSITION PLATE       |    |
| 1-5-2   | S01548000 | 1    | マイクロメカバルブSR  | MICRO VALVE (SR)          |    |
| 1-5-3   | 062301405 | 2    | ナベコ3X14      | SCREW, PAN M3X14          |    |
| 1-6     | S01578001 | 2    | カラーA         | COLLAR (A)                |    |
| 1-7     | 062681612 | 2    | ナベコ437-40X16 | SCREW, PAN M4.37-40X16    |    |
| 1-8     | 062670612 | 2    | ナベコ357-40X6  | SCREW, PAN M3.57-40X6     |    |
| 1-9     | S01582001 | 1    | ドグ           | DOG                       |    |
| 1-10    | 062680712 | 1    | ナベコ437-40X7  | SCREW, PAN M4.37-40X7     |    |
| 1-12    | 525664000 | 2    | コードホルダ#6     | CORD HOLDER (6N)          |    |
| 1-13    | 031411304 | 2    | マルモクネジ4.1X13 | WOOD SCREW, ROUND M4.1X13 |    |
| 1-14    | 105161003 | 2    | ザガネ          | WASHER                    |    |
| 1-15    | 100645003 | 1    | ザガネ          | WASHER                    |    |



Y. 特別注文部品/Option parts/Sonderzubehör/  
Pièces en option/Piezas opcionales

| REF.NO. | CODE      | Q'TY | ヒンメイ          | NAME OF PARTS            | RM |
|---------|-----------|------|---------------|--------------------------|----|
| 96      | S25672009 | 1    | テープオサエワインダークミ | TAPE GUARD WINDER ASSY   |    |
| 96-1    | S25671001 | 1    | テープオサエクミ      | TAPE GUARD ASSY          |    |
| 96-1-1  | 144998001 | 1    | テープオサエB       | TAPE GUARD (B)           |    |
| 96-1-2  | 105288002 | 2    | シメネジ2.38      | SCREW 2.38               |    |
| 96-1-3  | 144997001 | 1    | テープオサエA       | TAPE GUARD (A)           |    |
| 96-1-4  | 122771002 | 2    | シメネジ2.38      | SCREW 2.38               |    |
| 96-1-5  | 144999001 | 1    | テープオサエC       | TAPE GUIDE (C)           |    |
| 96-1-6  | 144628001 | 1    | テープオサエF       | TAPE GUARD (F)           |    |
| 96-1-7  | 122771002 | 1    | シメネジ2.38      | SCREW 2.38               |    |
| 96-1-8  | 105970001 | 1    | シメネジ2.38      | SCREW 2.38               |    |
| 96-1-9  | 110067001 | 1    | カラー           | COLLAR                   |    |
| 96-1-10 | 143749001 | 1    | テープアンナイシタ     | TAPE GUIDE (LOWER)       |    |
| 96-1-11 | 143748001 | 2    | テープアンナイウエ     | TAPE GUIDE (UPPER)       |    |
| 96-1-12 | 062660412 | 6    | ナベコ318-40X4   | SCREW, PAN M3.18-40X4    |    |
| 96-1-13 | 145441001 | 1    | テープアンナイ       | TAPE GUIDE               |    |
| 96-2    | 143767009 | 1    | テープワインダーダイクミ  | TAPE WINDER BRACKET ASSY |    |
| 96-2-1  | 143980001 | 1    | ツマミネジ         | SCREW                    |    |
| 96-2-2  | 108494001 | 1    | ザガネ           | WASHER                   |    |
| 96-2-3  | 108495001 | 1    | テープウィンダオシバネ   | SPRING, COMPRESSION      |    |
| 96-2-4  | 100136001 | 1    | イトチヨウシナツト     | TENSION NUT              |    |
| 96-3    | 107407003 | 2    | シメネジ4.37      | SCREW 4.37               |    |
| 97      | S31893001 | 1    | ジヨウギクミ        | RULLER ASSY              |    |
| 97-1    | 141705001 | 1    | ヨコジヨウギ        | RULLER                   |    |
| 97-2    | 062680512 | 2    | ナベコ437-40X5   | SCREW, PAN M4.37-40X5    |    |
| 97-3    | 147156001 | 1    | タテジヨウギ        | RULLER                   |    |
| 97-4    | 062680512 | 2    | ナベコ437-40X5   | SCREW, PAN M4.37-40X5    |    |
| 97-5    | 116662003 | 2    | ザガネ           | WASHER                   |    |
| 97-6    | 025680232 | 2    | ヒラザガネチユウ4.37  | WASHER, PLAIN M 4.37     |    |

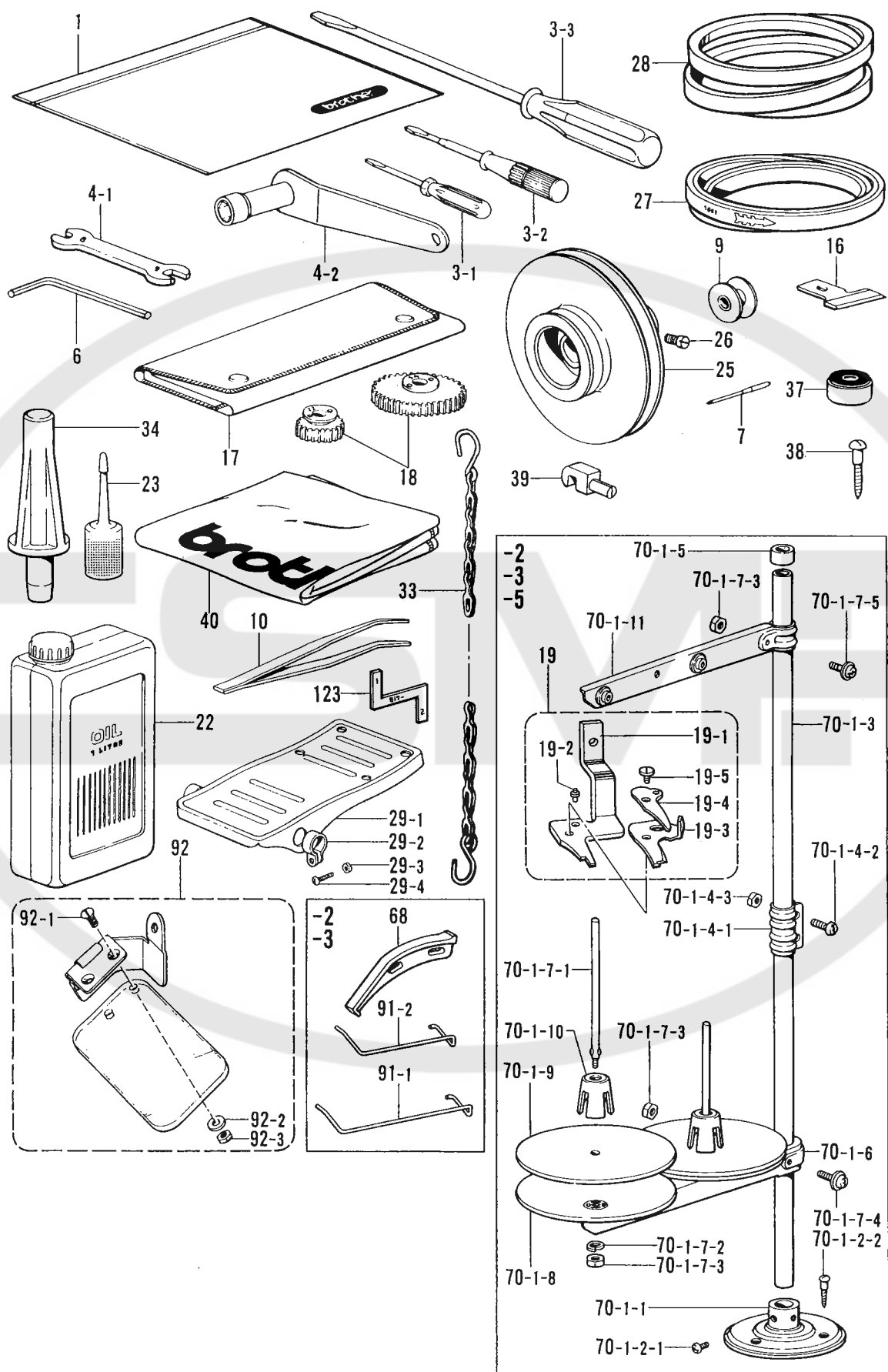
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◎ The details of included accessories are subject to change.

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◎ Les détails des accessoires inclus sont sujets à des changements.

◎ Los detalles de los accesorios incluidos pueden variar.



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

| REF.NO. | CODE      | Q'TY | ヒンメイ                 | NAME OF PARTS             | RM |
|---------|-----------|------|----------------------|---------------------------|----|
| 1       | 122991001 | 1    | フソクヒンポリフクロ           | 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     | 101572101 | 1    | ネジマワシ5.5X190         | SCREW DRIVER 5.5X190      |    |
| 4-1     | 100887001 | 1    | スパナ8X9               | SPANNER 8X9               |    |
| 4-2     | 143949001 | 1    | ボックススパナ12            | BOX SPANNER 12            |    |
| 6       | 142721001 | 1    | 6カクボウスパナ3            | HEXAGONAL WRENCH 3        |    |
| 7       | ※         | 4    | ミシンハリDPX5            | NEEDLE DPX5               |    |
| 9       | 146025001 | 3    | ボビン                  | BOBBIN                    |    |
| 10      | 117466000 | 1    | ピンセット                | PINCETTE                  |    |
| 16      | ※         | 1    | カッタ                  | CUTTER                    |    |
| 17      | 142745002 | 1    | チェンジギヤケース            | CHANGE GEAR CASE          |    |
| 18      | ※         | ※    | チェンジギヤ               | CHANGE GEAR               |    |
| 22      | 154702001 | 1    | オイルタンク               | OIL TANK                  |    |
| 23      | S06701000 | 1    | ポリオイラークミ             | POLY OILER ASSY           |    |
| 25      | ※         | 1    | モータプーリ               | MOTOR PULLEY              |    |
| 26      | 105073001 | 2    | アタマツキトメネジ5.95        | SET SCREW 5.95            |    |
| 27      | 141711100 | 1    | ヒラベルト                | BELT                      |    |
| 28      | ※         | ※    | VベルトMシロ              | BELT, VM WHITE            |    |
| 29      | 116185209 | 2    | ペダルクミ                | PEDAL ASSY                |    |
| 29-1    | 117437109 | 2    | オサエアゲフミイタ            | FOOT PEDAL                |    |
| 29-2    | 116016001 | 4    | ペダルトメ                | PEDAL STOPPER             |    |
| 29-3    | 021400106 | 4    | 1シユナツト4              | NUT, 1 M4                 |    |
| 29-4    | 062401416 | 4    | ナベコ4X14              | SCREW, PAN M4X14          |    |
| 33      | 149247001 | 2    | クサリクミ                | CHAIN ASSY                |    |
| 34      | S16080009 | 1    | トウブササエマクラ            | HEAD REST                 |    |
| 37      | 146254001 | 4    | モータカンザ               | COLLAR                    |    |
| 38      | 101125000 | 4    | マルモクネジ6.2X32         | WOOD SCREW, ROUND M6.2X32 |    |
| 39      | 141256001 | 2    | トウブヒンジ               | HEAD HINGE                |    |
| 40      | 144226001 | 1    | -----                | HEAD COVER                |    |
| 92      | 143971001 | 1    | -----                | PLASTIC EYE GUARD ASSY    |    |
| 92-1    | S01700001 | 2    | -----                | SCREW, FLAT M3.18X7       |    |
| 92-2    | 025030232 | 2    | -----                | WASHER, PLAIN M 3         |    |
| 92-3    | 021660102 | 2    | -----                | NUT, 1 M3.18              |    |
| <hr/>   |           |      |                      |                           |    |
| 68      | 142734001 | 1    | <-2,-3><br>テイシカムヘンAS | STOP CAM SEGMENT (AS)     |    |
| 91-1    | 150561000 | 1    | -----                | FINGER GUARD (S)          |    |
| 91-2    | 150563000 | 1    | -----                | FINGER GUARD (L)          |    |
| <hr/>   |           |      |                      |                           |    |
| 123     | S32993001 | 1    | <-2><br>デアイゲージ817-2  | GAUGE 817-2               |    |
| 123     | S32994001 | 1    | <-3><br>デアイゲージ817-3  | GAUGE 817-3               |    |
| 123     | S32995001 | 1    | <-4><br>デアイゲージ817-4  | GAUGE 817-4               |    |
| 123     | S32996001 | 1    | <-5><br>デアイゲージ817-5  | GAUGE 817-5               |    |

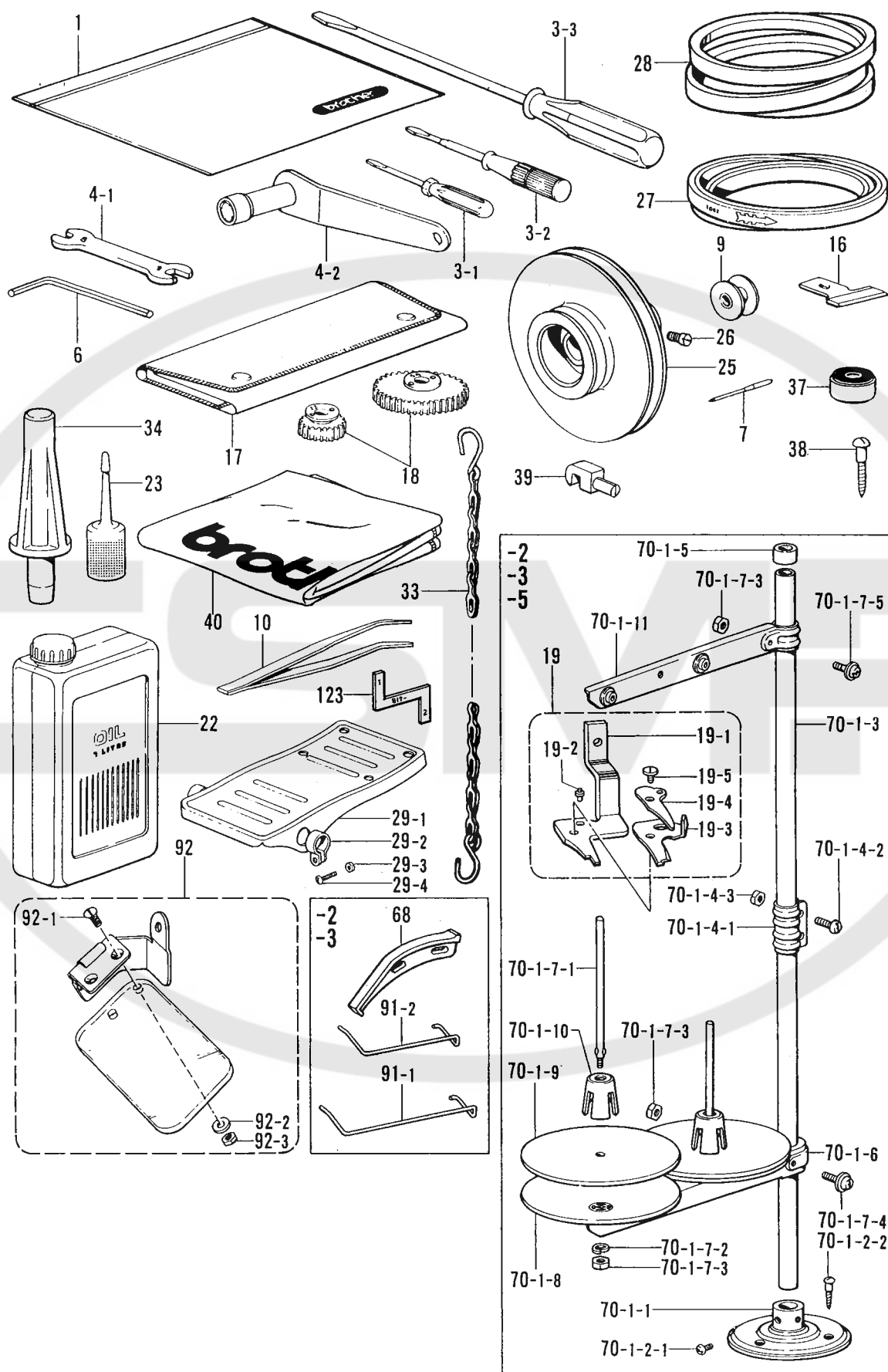
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## Z1. 付属品関係/Accessories/Zubehör/Accessoires/Accesorios

| REF.NO.    | CODE      | Q'TY | 品名          | NAME OF PARTS                  | RM |
|------------|-----------|------|-------------|--------------------------------|----|
| <-2,-3,-5> |           |      |             |                                |    |
| 19         | 141509101 | 1    | ハサミクミ       | UPPER THREAD TRIMMER ASSY      |    |
| 19-1       | 141510101 | 1    | ハサミD        | UPPER THREAD TRIMMER (D)       |    |
| 19-2       | 141511000 | 1    | ハサミリストツバピン  | PIN                            |    |
| 19-3       | 141512101 | 1    | ハサミM        | UPPER THREAD TRIMMER (M)       |    |
| 19-4       | 141513001 | 1    | ハサミウエ       | UPPER THREAD TRIMMER (UPPER)   |    |
| 19-5       | 141514001 | 1    | ハサミダンネジ     | STUD SCREW                     |    |
| 70-1       | S02761109 | 1    | イトタテダイクミ2   | COTTON STAND ASSY (2)          |    |
| 70-1-1     | 150189109 | 1    | ブラケット       | BRACKET                        |    |
| 70-1-2     | S02773001 | 1    | ブラケットネジセット  | COTTON STAND BRACKET SCREW SET |    |
| 70-1-2-1   | 062060806 | 2    | ナベコ6X8      | SCREW, PAN M6X8                |    |
| 70-1-2-2   | 031452206 | 3    | マルモク45X22   | WOOD SCREW, ROUND M4.5X22      |    |
| 70-1-3     | 150172003 | 2    | コラムパイプ      | COLUMN PIPE                    |    |
| 70-1-4     | 150106003 | 1    | コラムジョイントクミ  | COLUMN JOINT ASSY              |    |
| 70-1-4-1   | 150173003 | 1    | コラムジョイント    | COLUMN JOINT                   |    |
| 70-1-4-2   | 062501406 | 2    | ナベコ5X14     | SCREW, PAN M5X14               |    |
| 70-1-4-3   | 021500106 | 2    | 1シュナツト5     | NUT, 1 M5                      |    |
| 70-1-5     | 150174000 | 1    | コラムキャップ     | COLUMN CAP                     |    |
| 70-1-6     | S02778002 | 1    | スプールホルダー2   | SPOOL HOLDER 2                 |    |
| 70-1-7     | S02780001 | 1    | スプールネジセット2  | SPOOL SCREW SET 2              |    |
| 70-1-7-1   | 150179002 | 2    | スプールジクB     | SPOOL SHAFT (B)                |    |
| 70-1-7-2   | 028050246 | 2    | バネザガネ2-5    | WASHER, SPRING 2-5             |    |
| 70-1-7-3   | 021500106 | 4    | 1シュナツト5     | NUT, 1 M5                      |    |
| 70-1-7-4   | 050503006 | 1    | ナベコヒラザ5X30  | SCREW, PAN (P WASHER) M5X30    |    |
| 70-1-7-5   | 050501406 | 1    | ナベコヒラザ5X14  | SCREW, PAN (P WASHER) M5X14    |    |
| 70-1-8     | 150180001 | 2    | ウケザラ        | SPOOL STAND BASE               |    |
| 70-1-9     | 150182000 | 2    | スプールマット     | SPOOL MAT                      |    |
| 70-1-10    | 126863001 | 2    | スプールクッション   | SPOOL CUSHION                  |    |
| 70-1-11    | S02786002 | 1    | スレッドハンガークミ2 | THREAD HANGER ASSY 2           |    |

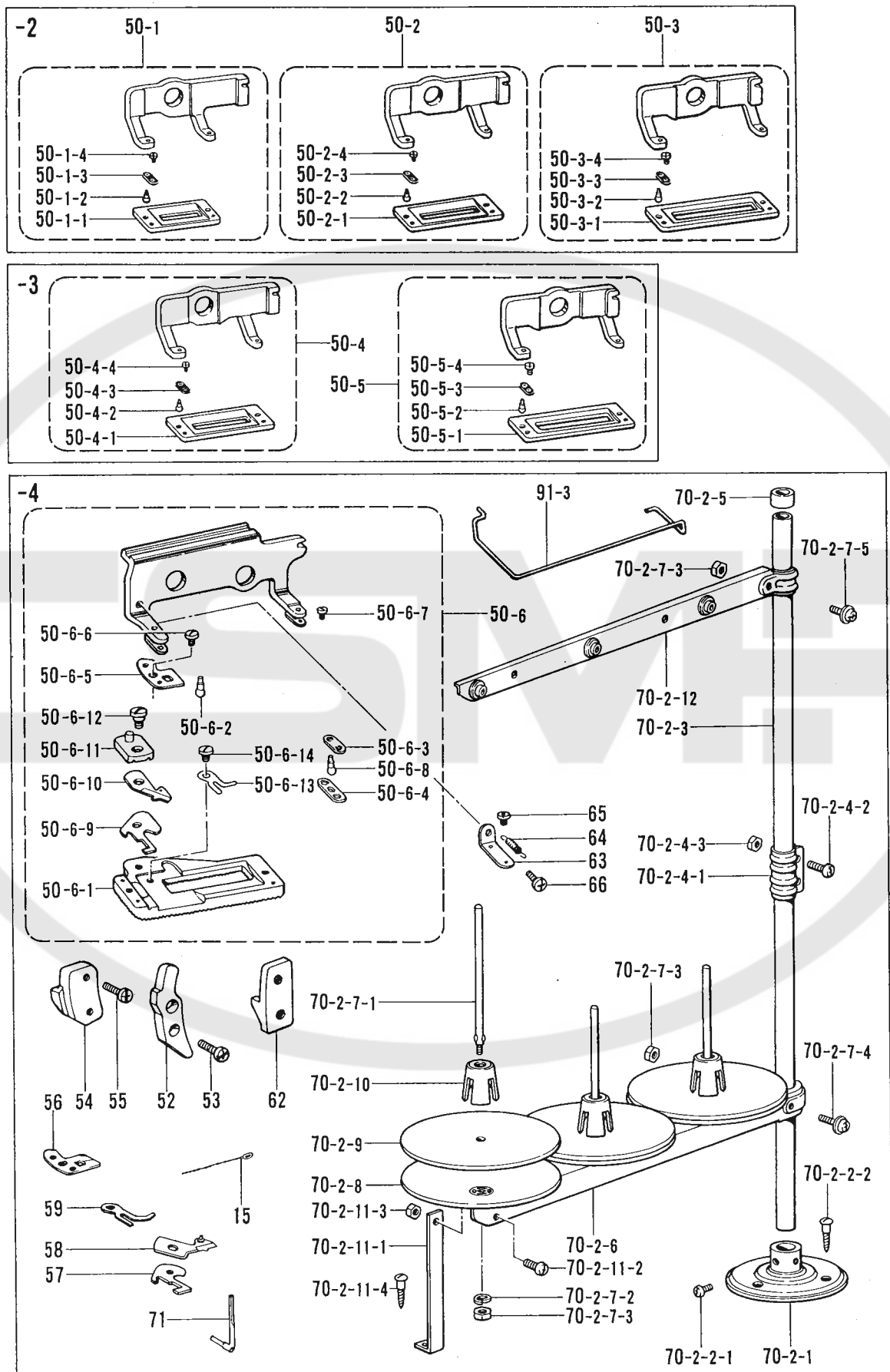
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| REF.NO.                        | CODE      | Q'TY | ヒンメイ            | NAME OF PARTS                     | RM |
|--------------------------------|-----------|------|-----------------|-----------------------------------|----|
| <フィンガーガード用 / For finger guard> |           |      |                 |                                   |    |
| <-2>                           |           |      |                 |                                   |    |
| 50-1                           | 150763001 | 1    | ヌノツカミ 16クミ      | UPPER CLAMPING FOOT ASSY (16MM)   |    |
| 50-1-1                         | 145146001 | 1    | ヌノツカミ S         | UPPER CLAMPING FOOT (S)           |    |
| 50-1-2                         | 144496001 | 2    | ヌノツカミササエピン      | PIN                               |    |
| 50-1-3                         | 107401001 | 2    | ヌノツカミササエイタバネ    | SPRING, PLATE                     |    |
| 50-1-4                         | 107404001 | 2    | シメネジ 1.98       | SCREW 1.98                        |    |
| <-3>                           |           |      |                 |                                   |    |
| 50-2                           | 150764001 | 1    | -----           | UPPER CLAMPING FOOT ASSY (25MM)   |    |
| 50-2-1                         | 144498001 | 1    | -----           | UPPER CLAMPING FOOT RUBBER        |    |
| 50-2-2                         | 144496001 | 2    | -----           | PIN                               |    |
| 50-2-3                         | 107401001 | 2    | -----           | SPRING, PLATE                     |    |
| 50-2-4                         | 107404001 | 2    | -----           | SCREW 1.98                        |    |
| <-4>                           |           |      |                 |                                   |    |
| 50-3                           | 150765001 | 1    | -----           | UPPER CLAMPING FOOT ASSY (32MM)   |    |
| 50-3-1                         | 144575001 | 1    | -----           | UPPER CLAMPING FOOT (32MM)        |    |
| 50-3-2                         | 144496001 | 2    | -----           | PIN                               |    |
| 50-3-3                         | 107401001 | 2    | -----           | SPRING, PLATE                     |    |
| 50-3-4                         | 107404001 | 2    | -----           | SCREW 1.98                        |    |
| <-5>                           |           |      |                 |                                   |    |
| 50-4                           | 150767001 | 1    | ニツトヨウヌノツカミ 16クミ | UPPER CLAMPING FOOT ASSY (16MM-3) |    |
| 50-4-1                         | 145136001 | 1    | ニツトヨウヌノツカミ S    | UPPER CLAMPING FOOT (S)           |    |
| 50-4-2                         | 144496001 | 2    | ヌノツカミササエピン      | PIN                               |    |
| 50-4-3                         | 144707001 | 2    | ヌノツカミササエイタバネ    | SPRING, PLATE                     |    |
| 50-4-4                         | 107404001 | 2    | シメネジ 1.98       | SCREW 1.98                        |    |
| <-6>                           |           |      |                 |                                   |    |
| 50-5                           | 150769001 | 1    | -----           | UPPER CLAMPING FOOT ASSY (32MM-3) |    |
| 50-5-1                         | 144632001 | 1    | -----           | UPPER CLAMPING FOOT (L)           |    |
| 50-5-2                         | 144496001 | 2    | -----           | PIN                               |    |
| 50-5-3                         | 144707001 | 2    | -----           | SPRING, PLATE                     |    |
| 50-5-4                         | 107404001 | 2    | -----           | SCREW 1.98                        |    |
| <-7>                           |           |      |                 |                                   |    |
| 50-6                           | 150771001 | 1    | ヌノツカミ (32-4)クミ  | UPPER CLAMPING FOOT ASSY (32-4)   |    |
| 50-6-1                         | 145375001 | 1    | ヌノツカミ (32-4)    | UPPER CLAMPING FOOT (32-4)        |    |
| 50-6-2                         | 144496001 | 1    | ヌノツカミササエピン      | PIN                               |    |
| 50-6-3                         | 107401001 | 1    | ヌノツカミササエイタバネ    | SPRING, PLATE                     |    |
| 50-6-4                         | 145365001 | 1    | ヌノツカミイタバネ       | SPRING, PLATE                     |    |
| 50-6-5                         | 145366001 | 1    | イトオサエ           | THREAD PRESSER                    |    |
| 50-6-6                         | 111105001 | 2    | シメネジ 2.38       | SCREW 2.38                        |    |
| 50-6-7                         | 107404001 | 1    | シメネジ 1.98       | SCREW 1.98                        |    |
| 50-6-8                         | 146034001 | 1    | ヌノツカミササエピン      | PIN                               |    |
| 50-6-9                         | 145367001 | 1    | ヒモキリコティバ        | GIMP TRIMMING FIXED KNIFE         |    |
| 50-6-10                        | 145731001 | 1    | ヒモキリドウハクミ       | GIMP TRIMMING MOVABLE KNIFE ASSY  |    |
| 50-6-11                        | 145369001 | 1    | ヒモキリクランク        | GIMP TRIMMING CRANK               |    |
| 50-6-12                        | 145370001 | 1    | ダンネジ 3.57       | STUD SCREW 3.57                   |    |
| 50-6-13                        | 145373001 | 1    | ヒモヨセレバ          | GIMP DETACH LEVER                 |    |
| 50-6-14                        | 145371001 | 1    | ダンネジ 2.38       | STUD SCREW 2.38                   |    |

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

| REF.NO.   | CODE      | Q'TY | ヒンメイ         | NAME OF PARTS                    | RM |
|-----------|-----------|------|--------------|----------------------------------|----|
| <-4>      |           |      |              |                                  |    |
| 15        | 111507000 | 1    | イトトウシ        | THREADER                         |    |
| 52        | 145352001 | 1    | ティシカム        | STOP CAM SEGMENT                 |    |
| 53        | 062680812 | 2    | ナベコ437-40X8  | SCREW, PAN M4.37-40X8            |    |
| 54        | 145353001 | 1    | カツターカム       | CUTTER CAM SEGMENT               |    |
| 55        | 062681012 | 2    | ナベコ437-40X10 | SCREW, PAN M4.37-40X10           |    |
| 56        | 145366001 | 1    | イトオサエ        | THREAD PRESSER                   |    |
| 57        | 145367001 | 1    | ヒモキリコティバ     | GIMP TRIMMING FIXED KNIFE        |    |
| 58        | 145731001 | 1    | ヒモキリドウハクミ    | GIMP TRIMMING MOVABLE KNIFE ASSY |    |
| 59        | 145373001 | 1    | ヒモヨセレバ       | GIMP DETACH LEVER                |    |
| 62        | 145350001 | 1    | フリカムF        | ZIGZAG CAM SEGMENT (F)           |    |
| 63        | 145991001 | 1    | ヒモカケダイ       | GIMP STOPPER                     |    |
| 64        | 511091001 | 1    | ヒキバネ         | SPRING, EXTENSION                |    |
| 65        | 122771002 | 2    | シメネジ2.38     | SCREW 2.38                       |    |
| 66        | 062660412 | 1    | ナベコ318-40X4  | SCREW, PAN M3.18-40X4            |    |
| 70-2      | S02765109 | 1    | イトタテダイクミ3    | COTTON STAND ASSY 3              |    |
| 70-2-1    | 150189109 | 1    | ブラケット        | BRACKET                          |    |
| 70-2-2    | S02773001 | 1    | ブラケットネジセット   | COTTON STAND BRACKET SCREW SET   |    |
| 70-2-2-1  | 062060806 | 2    | ナベコ6X8       | SCREW, PAN M6X8                  |    |
| 70-2-2-2  | 031452206 | 3    | マルモク45X22    | WOOD SCREW, ROUND M4.5X22        |    |
| 70-2-3    | 150172003 | 2    | コラムパイプ       | COLUMN PIPE                      |    |
| 70-2-4    | 150106003 | 1    | コラムジョイントクミ   | COLUMN JOINT ASSY                |    |
| 70-2-4-1  | 150173003 | 1    | コラムジョイント     | COLUMN JOINT                     |    |
| 70-2-4-2  | 062501406 | 2    | ナベコ5X14      | SCREW, PAN M5X14                 |    |
| 70-2-4-3  | 021500106 | 2    | 1シュナツト5      | NUT, 1 M5                        |    |
| 70-2-5    | 150174000 | 1    | コラムキャップ      | COLUMN CAP                       |    |
| 70-2-6    | S02779009 | 1    | スプールホルダー3    | SPOOL HOLDER 3                   |    |
| 70-2-7    | S02782001 | 1    | スプールネジセット3   | SPOOL SCREW SET 3                |    |
| 70-2-7-1  | 150179002 | 3    | スプールジク8      | SPOOL SHAFT (B)                  |    |
| 70-2-7-2  | 028050246 | 3    | バネザガネ2-5     | WASHER, SPRING 2-5               |    |
| 70-2-7-3  | 021500106 | 5    | 1シュナツト5      | NUT, 1 M5                        |    |
| 70-2-7-4  | 050503006 | 1    | ナベコヒラザ5X30   | SCREW, PAN (P WASHER) M5X30      |    |
| 70-2-7-5  | 050501406 | 1    | ナベコヒラザ5X14   | SCREW, PAN (P WASHER) M5X14      |    |
| 70-2-8    | 150180001 | 3    | ウケザラ         | SPOOL STAND BASE                 |    |
| 70-2-9    | 150182000 | 3    | スプールマット      | SPOOL MAT                        |    |
| 70-2-10   | 126863001 | 3    | スプールクッション    | SPOOL CUSHION                    |    |
| 70-2-11   | S02784009 | 1    | ホルダーササエAセット  | HOLDER SUPPORT (A) SET           |    |
| 70-2-11-1 | 150188009 | 1    | スプールホルダーササエA | SPOOL HOLDER SUPPORT (A)         |    |
| 70-2-11-2 | 062501006 | 1    | ナベコ5X10      | SCREW, PAN M5X10                 |    |
| 70-2-11-3 | 021500106 | 1    | 1シュナツト5      | NUT, 1 M5                        |    |
| 70-2-11-4 | 031452206 | 1    | マルモク45X22    | WOOD SCREW, ROUND M4.5X22        |    |
| 70-2-12   | S02788009 | 1    | スレツドハンガークミ3  | THREAD HANGER ASSY 3             |    |
| 71        | 145380001 | 1    | ヒモアンナイ       | GIMP GUIDE PIPE                  |    |
| 91-3      | 150567000 | 1    | -----        | FINGER GUARD (L)                 |    |

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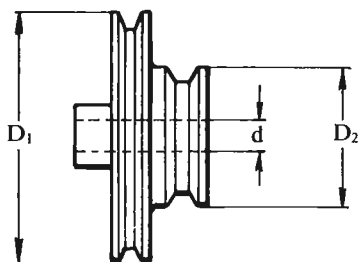
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仕様別部品一覧表/DIFFERENT PARTS LIST/ZUBEHÖRLISTE/  
LISTE DES PIÉCES ACCESSOIRES/LISTA DE PIEZAS ACCESSORIAS

| REF.NO. | 品名<br>PARTS                               | サブクラス<br>SUB CLASS | -2                 | -3                 | -4                 | -5        |
|---------|-------------------------------------------|--------------------|--------------------|--------------------|--------------------|-----------|
| Z1-7    | ミシンハリDPX5<br>NEEDLE DPX5                  |                    | 107415014<br>(#14) | 107415011<br>(#11) | 107415014<br>(#14) | ←         |
| Z1-16   | カッター5/8<br>CUTTER 5/8                     |                    | 107205001          | ←                  | ←                  | -----     |
| Z1-16   | カッター3/8<br>CUTTER 3/8                     |                    | 109837001          | ←                  | ←                  | -----     |
| Z1-16   | カッター3/4<br>CUTTER 3/4                     |                    | 107207001          | ←                  | ←                  | -----     |
| Z1-16   | カッター1<br>CUTTER 1                         |                    | 107210001          | ←                  | ←                  | -----     |
| Z1-16   | カッター48<br>CUTTER 48                       |                    | -----              | -----              | -----              | 147941001 |
| Z1-18   | チャンジギヤ28(個数:1)<br>CHANGE GEAR 28 (Q'TY:1) |                    | -----              | -----              | -----              | 141375000 |
| Z1-18   | チャンジギヤ30(個数:1)<br>CHANGE GEAR 30 (Q'TY:1) |                    | 141376000          | ←                  | -----              | 141376000 |
| Z1-18   | チャンジギヤ32(個数:1)<br>CHANGE GEAR 32 (Q'TY:1) |                    | -----              | -----              | 141377000          | -----     |
| Z1-18   | チャンジギヤ34(個数:1)<br>CHANGE GEAR 34 (Q'TY:1) |                    | -----              | 141378000          | -----              | 141378000 |
| Z1-18   | チャンジギヤ36(個数:1)<br>CHANGE GEAR 36 (Q'TY:1) |                    | 141379000          | ←                  | ←                  | -----     |
| Z1-18   | チャンジギヤ38(個数:2)<br>CHANGE GEAR 38 (Q'TY:2) |                    | 141380000          | -----              | 141380000          | -----     |
| Z1-18   | チャンジギヤ40(個数:1)<br>CHANGE GEAR 40 (Q'TY:1) |                    | 141381000          | ←                  | ←                  | -----     |
| Z1-18   | チャンジギヤ42(個数:1)<br>CHANGE GEAR 42 (Q'TY:1) |                    | -----              | 141382000          | -----              | 141382000 |
| Z1-18   | チャンジギヤ44(個数:1)<br>CHANGE GEAR 44 (Q'TY:1) |                    | -----              | -----              | 141383000          | -----     |
| Z1-18   | チャンジギヤ46(個数:1)<br>CHANGE GEAR 46 (Q'TY:1) |                    | 141384000          | ←                  | -----              | 141384000 |
| Z1-18   | チャンジギヤ48(個数:1)<br>CHANGE GEAR 48 (Q'TY:1) |                    | -----              | -----              | -----              | 141385000 |
|         | -----                                     |                    |                    |                    |                    |           |
|         | -----                                     |                    |                    |                    |                    |           |
|         | -----                                     |                    |                    |                    |                    |           |

回転数別モータプーリとVベルト組合せ / MOTOR PULLEY AND V-BELT SELECTION /  
 AUSWAHL DER RIEMENSCHLEIBEN UND ANTRIEBSRIEMEN / CHOIX DE LA POULIE DE MOTEUR ET DES  
 COURROIES TRAPEZOIDALES / ELECCION DE POLEA DE MOTOR Y CORREA TRAPEZOIDAL



| 回転数<br>Machine speed | 周波数<br>Frequency | モータプーリ<br>Motor pulley           |            |                    | 高速Vベルト<br>High speed V-belt<br>Ref.No.Z1-28 | 低速Vベルト<br>Low speed V-belt<br>Ref.No.Z1-28 |
|----------------------|------------------|----------------------------------|------------|--------------------|---------------------------------------------|--------------------------------------------|
|                      |                  | 外径・内径<br>Outside inside diameter | 穴径<br>Core | 部品コード<br>Parts No. |                                             |                                            |
| 3600                 | 50Hz             | D1=187.5<br>D2=79                | d=14       | S33007-009         | S18707-144(M44)                             | S18707-141(M41)                            |
|                      |                  |                                  | d=15.88    | S33008-009         |                                             |                                            |
|                      | 60Hz             | D1=152.8<br>D2=56                | d=14       | S31131-009         | S18707-142(M42)                             | S18707-140(M40)                            |
|                      |                  |                                  | d=15.88    | S33009-009         |                                             |                                            |
| 3200                 | 50Hz             | D1=160<br>D2=81                  | d=14       | 141707-009         | S18707-143(M43)                             | S18707-142(M42)                            |
|                      |                  |                                  | d=15.88    | 145781-009         |                                             |                                            |
|                      | 60Hz             | D1=134.2<br>D2=69.5              | d=14       | 141709-009         | S18707-141(M41)                             | S18707-141(M41)                            |
|                      |                  |                                  | d=15.88    | 145780-009         |                                             |                                            |
| 3000                 | 50Hz             | D1=152.8<br>D2=56                | d=14       | S31131-009         | S18707-142(M42)                             | S18707-140(M40)                            |
|                      |                  |                                  | d=15.88    | S33009-009         |                                             |                                            |
|                      | 60Hz             | D1=127.6<br>D2=62.2              | d=14       | S33254-009         | S18707-140(M40)                             | S18707-140(M40)                            |
|                      |                  |                                  | d=15.88    | S33255-009         |                                             |                                            |
| 2800                 | 50Hz             | D1=134.2<br>D2=69.5              | d=14       | 141709-009         | S18707-141(M41)                             | S18707-141(M41)                            |
|                      |                  |                                  | d=15.88    | 145780-009         |                                             |                                            |
|                      | 60Hz             | D1=119.5<br>D2=69.5              | d=14       | 143890-009         | S18707-141(M41)                             | S18707-140(M40)                            |
|                      |                  |                                  | d=15.88    | 145782-009         |                                             |                                            |
|                      |                  |                                  | d=19.05    | 159830-009         |                                             |                                            |
|                      |                  |                                  | d=19.05    | 159831-009         |                                             |                                            |

ゲージ部品一覧表 / GAUGE PARTS LIST / LEHRENLISTE /  
 LIST DES PIÉCES D'ECARTEMENT / LISTA DE PIEZAS CARIBRADORAS

チェンジギヤ / CHANGE GEAR

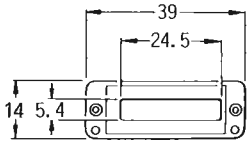
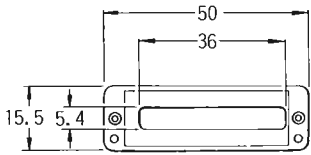
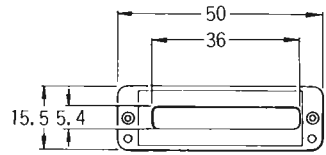
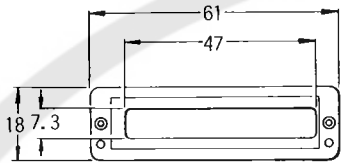
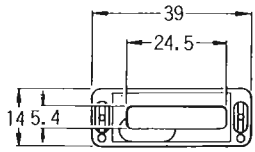
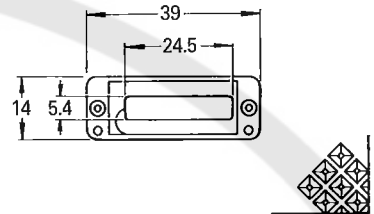
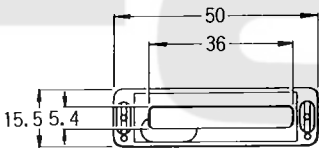
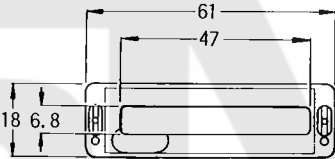
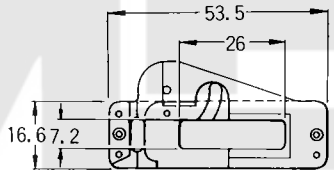
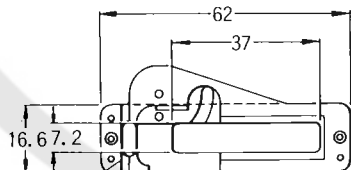
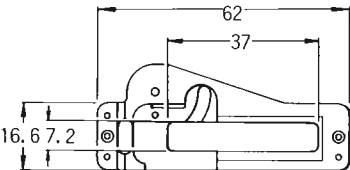
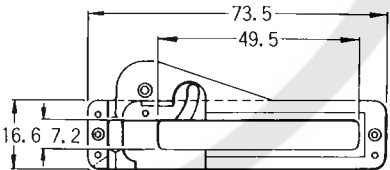
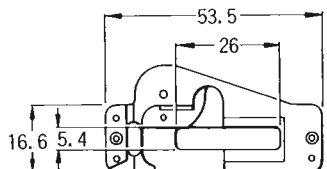
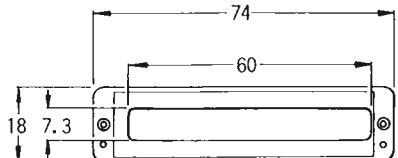
| 針数<br>Number of stitches | チェンジギヤL<br>Change gear L | チェンジギヤR<br>Change gear R | 針数<br>Number of stitches | チェンジギヤL<br>Change gear L | チェンジギヤR<br>Change gear R |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 360                      | (54)141388-000           | (22)141372-001           | 133                      | (36)141379-000           | (40)141381-000           |
| 319                      | (52)141387-000           | (24)141373-001           | 119                      | (34)141378-000           | (42)141382-000           |
| 283                      | (50)141386-000           | (26)141374-000           | 107                      | (32)141377-000           | (44)141383-000           |
| 252                      | (48)141385-000           | (28)141375-000           | 96                       | (30)141376-000           | (46)141384-000           |
| 226                      | (46)141384-000           | (30)141376-000           | 86                       | (28)141375-000           | (48)141385-000           |
| 203                      | (44)141383-000           | (32)141377-000           | 77                       | (26)141374-000           | (50)141386-000           |
| 182                      | (42)141382-000           | (34)141378-000           | 68                       | (24)141373-001           | (52)141387-000           |
| 164                      | (40)141381-000           | (36)141379-000           | 60                       | (22)141372-001           | (54)141388-000           |
| 147                      | (38)141380-000           | (38)141380-000           |                          |                          |                          |

# カッター / Cutter

|                              |                                |                              |                               |                              |                                |
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| <p>107207-001</p> <p>3/4</p> | <p>S25642-001</p> <p>13/16</p> | <p>109838-001</p> <p>7/8</p> | <p>107210-001</p> <p>1</p>    | <p>151837-001</p> <p>3/8</p> | <p>151838-001</p> <p>7/16</p>  |
| <p>151839-001</p> <p>1/2</p> | <p>S03279-001</p> <p>9/16</p>  | <p>151840-001</p> <p>5/8</p> | <p>151841-001</p> <p>3/4</p>  | <p>153340-001</p> <p>7/8</p> | <p>159722-001</p> <p>1</p>     |
| <p>S30294-001</p> <p>29</p>  |                                | <p>143780-001</p> <p>32</p>  |                               | <p>147987-001</p> <p>45</p>  |                                |
| <p>147941-001</p> <p>48</p>  |                                | <p>147233-001</p> <p>50</p>  |                               |                              |                                |

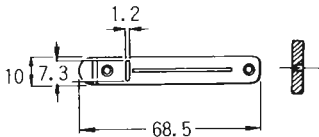
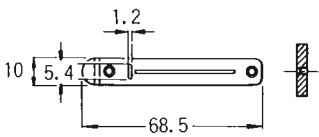
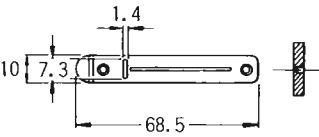
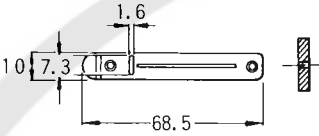
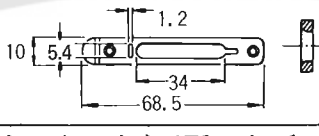
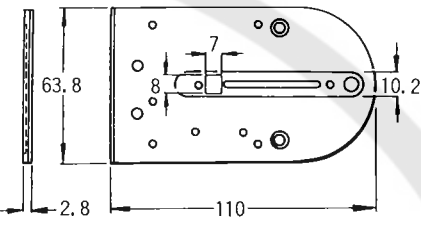
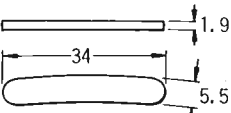
ヌノツカミクミ / Upper clamping foot assy

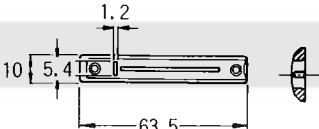
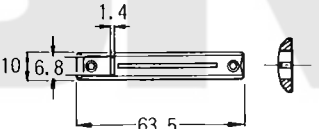
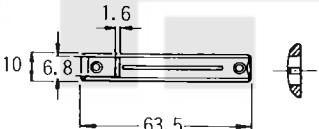
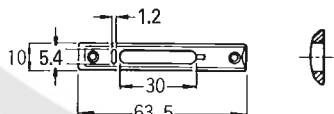
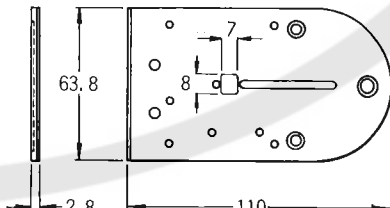
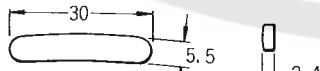
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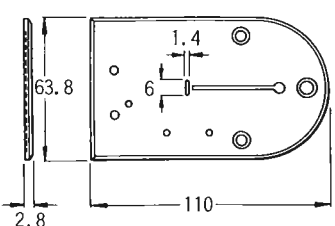
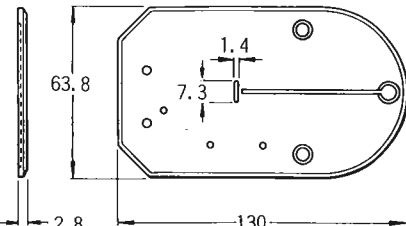
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|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 150763-001 16mm <-2><br>145146-001 (ゴム / Rubber)                                    | 144493-001 25mm <-2><br>144494-001                                                   | 150764-001 25mm <-2><br>144498-001 (ゴム / Rubber)                                      |
|    |     |    |
| 150765-001 32mm <-2><br>144575-001 (ゴム / Rubber)                                    | 150767-001 16mm <-3><br>145136-001 (ゴム / Rubber)                                     | 147112-001 16mm <-3><br>147113-001                                                    |
|    |     |    |
| 150768-001 25mm <-3><br>144630-001 (ゴム / Rubber)                                    | 150769-001 32mm <-3><br>144632-001 (ゴム / Rubber)                                     | 147721-001 16mm <-4><br>147722-001 (ゴム / Rubber)                                      |
|  |   |  |
| 150770-001 25mm <-4><br>145632-001                                                  | 147719-001 25mm <-4><br>147720-001 (ゴム / Rubber)                                     | 150771-001 32mm <-4><br>145375-001                                                    |
|  |  |  |
| 151610-001 16mm <-4><br>151611-001 (薄物小穴用 / Thin materials)                         | 150766-001 50mm <-5><br>147230-001                                                   |                                                                                       |
|  |  |                                                                                       |

ハリイタクミ / Needle plate assy

ハリイタ / Needle plate

|              |                                                                                   |                                                                                   |                                                                                     |
|--------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <-2><br><-4> | 147312-001 1.2mm                                                                  | 151612-001 1.2mm                                                                  | 145244-001 1.4mm                                                                    |
|              | 147313-001                                                                        | 151613-001                                                                        | 145246-001                                                                          |
|              |  |  |  |
|              | 147314-001 1.6mm                                                                  | ハリイタ O / Needle plate (O)<br>151842-001 1.2mm                                     | ベースハリイタ U / Base plate (U)<br>145245-001                                            |
|              | 147315-001                                                                        |                                                                                   |                                                                                     |
|              |  |  |   |
|              |                                                                                   | カッターウケ / Plastic plate<br>151843-001                                              |                                                                                     |
|              |                                                                                   |  |                                                                                     |

|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <-3>                                                                                | 144633-001 1.2mm                                                                    | 144636-001 1.4mm                                                                     | 144638-001 1.6mm                                                                      |
|                                                                                     | 144635-001                                                                          | 144637-001                                                                           | 144639-001                                                                            |
|                                                                                     |  |   |  |
|                                                                                     | ハリイタ / Needle plate 156611-001 1.2mm                                                |                                                                                      |                                                                                       |
|  |                                                                                     | ベースハリイタ / Base plate 144634-001                                                      |                                                                                       |
| カッターウケ / Plastic plate 156612-001                                                   |                                                                                     |  |                                                                                       |
|  |                                                                                     |                                                                                      |                                                                                       |

|                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <-3>                                                                                | <-5>                                                                                 |
| ハリイタ / Needle plate 1.4mm 141536-001                                                | ハリイタ / Needle plate 1.4mm 147234-001                                                 |
|  |  |

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|           | B - 7       | 6    |
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|           | E - 38      | 14   |
|           | E - 51-1    | 14   |
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|           | M1 - 4-1-10 | 24   |
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|           | Z2 - 55     | 72   |
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