

# brother

## MA4-V91 V92

超高速上下調節送り安全縫ミシン

HIGH SPEED ADJUSTABLE TOP AND BOTTOM FEED SAFETY STITCH SEWING MACHINE

SICHERHEITSSTICH-SCHNELLNÄHMASCHINE MIT EINSTELLBAREM OBER- UND UNTERTRANSPORT

MACHINE A POINT DE COUTURE ET SURJET SIMULTANES ULTRA-RAPIDE, A ENTRAÎNEMENTS SUPÉRIEUR ET INFÉRIEUR RÉGLABLES

MAQUINA PARA COSTURA DE SEGURIDAD ULTRARRAPIDA CON ALIMENTACION SUPERIOR E INFERIOR AJUSTABLE

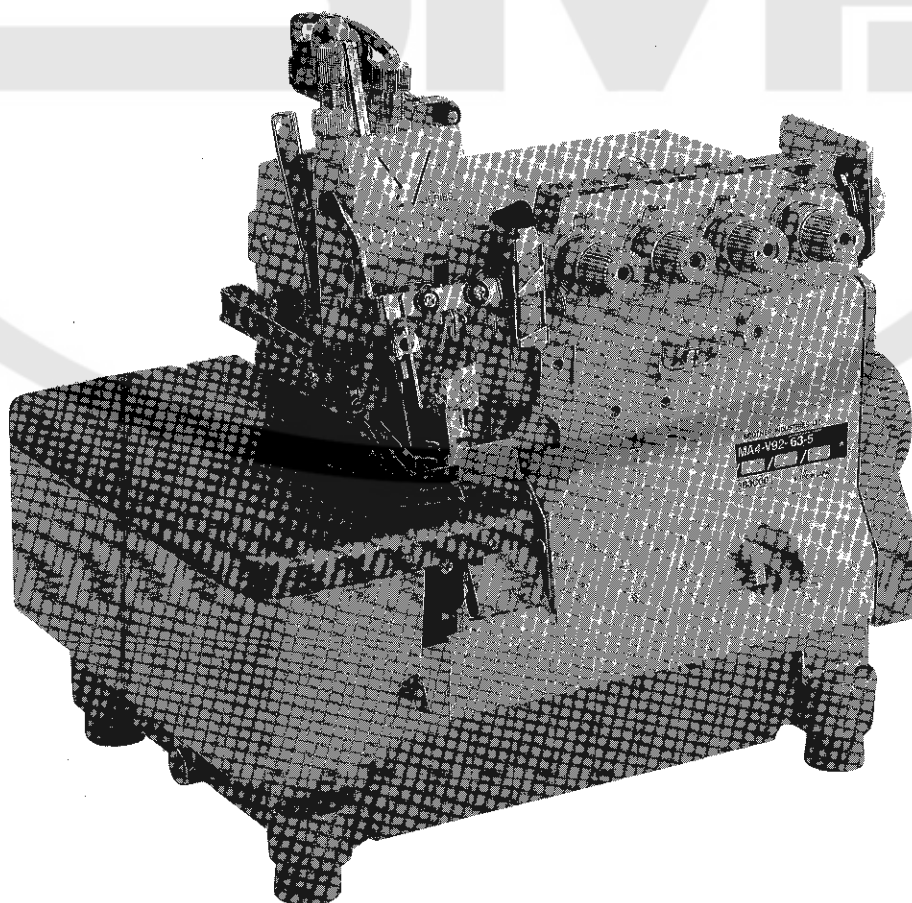
パーツブック

PARTS BOOK

TEILEKATALOG

LIVRE DES PIÉCES

LIBRO DE REFERENCIA DE PIEZAS



## 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. 標準以外で使用する部品は 

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 で示します。尚実線内の数字はサブクラスを表しています。
3. RMKS 欄に※印のついている部品は、相手部品との選択組付けがなされていますので、相手部品と一緒に、ご注文下さい。
4. 組単位で補給する部品は、

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 破線で示しております。
5. この本は1992年1月のデータにもとづいて作成されたものです。
6. 部品は予告なしに設計変更される場合があります。
7. 部品コード欄が\*となっている場合は、仕様別部品一覧表（55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. Non-standard parts are indicated with 

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.  
Numbers inside the line indicate the subclass.
3. An asterisk ※ in the RMKS column indicates a part that is selected to be installed with a paired part. Be sure to order the pair.
4. Parts supplied as complete assemblies are circled by a dotted line 

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5. This book was prepared based on information available in January 1992.
6. Parts are subject to changes in design without prior notice.
7. If the symbol \* is found in the "Parts No." column, refer to the different parts list on page 55.

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## Hinweise zur Verwendung dieser Teileiste

1. Dieses Buch bezieht sich auf die Nähmaschinen mit derselben Kennungsnummer wie auf diesem Buchumschlag (oder auf dem Korrekturblatt).
2. Die Sonderteile sind mit 

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 bezeichnet.  
Die Nummern im gestrichelten Feld geben die Unterbezeichnung an.
3. Die in der Kolonne RMKS mit einem Asteriskus \* bezeichneten Teile müssen mit anderen Teilen zusammen ausgewählt und montiert werden. Aus diesem Grund müssen Sie alle zusammengehörenden Teile miteinander bestellen.
4. Die Teile, die als kompletter Satz geliefert werden, sind mit einer 

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 gestrichelten Linie umrandet.
5. Dieses Buch basiert auf den Informationen vom Januar 1992.
6. Modelländerungen sind vorbehalten.
7. Dieses Zeichen \* in der Spalte "Parts No. (Teil-nummer)" verweist auf die Gesonderte Stückliste auf Seite 55.

## INHALTSVERZEICHNIS

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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. Les pièces non standard sont signalées par l'indication 

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.  
Les numéros à l'intérieur du cadre en pointillés indique la sous-classe.
3. Un astérisque \* dans la colonne RMKS indique une pièce devant être montée en paire avec une autre pièce. Veiller à bien commander la paire.
4. Les pièces fournies en tant qu'assemblages complets sont encadrées avec un trait pointillé 

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5. Ce manuel a été fait d'après les renseignements valables au mois de Janvier 1992.
6. Les pièces peuvent être sujettes à des modifications sans préavis.
7. Si le symbole \* se trouve dans la colonne "Parts No. (N° de pièce)" veuillez la vous référer à la liste de pièces annexe page 55.

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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. Las piezas no normales aparecen como 

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.  
Los números dentro del rectángulo punteado indican la subclase.
3. Un asterisco \* en la columna RMKS indica que la pieza se debe instalar con su pieza par. Se debe hacer el pedido del par de piezas.
4. Las piezas suministradas como conjuntos completos se enmarcan con una línea punteada 

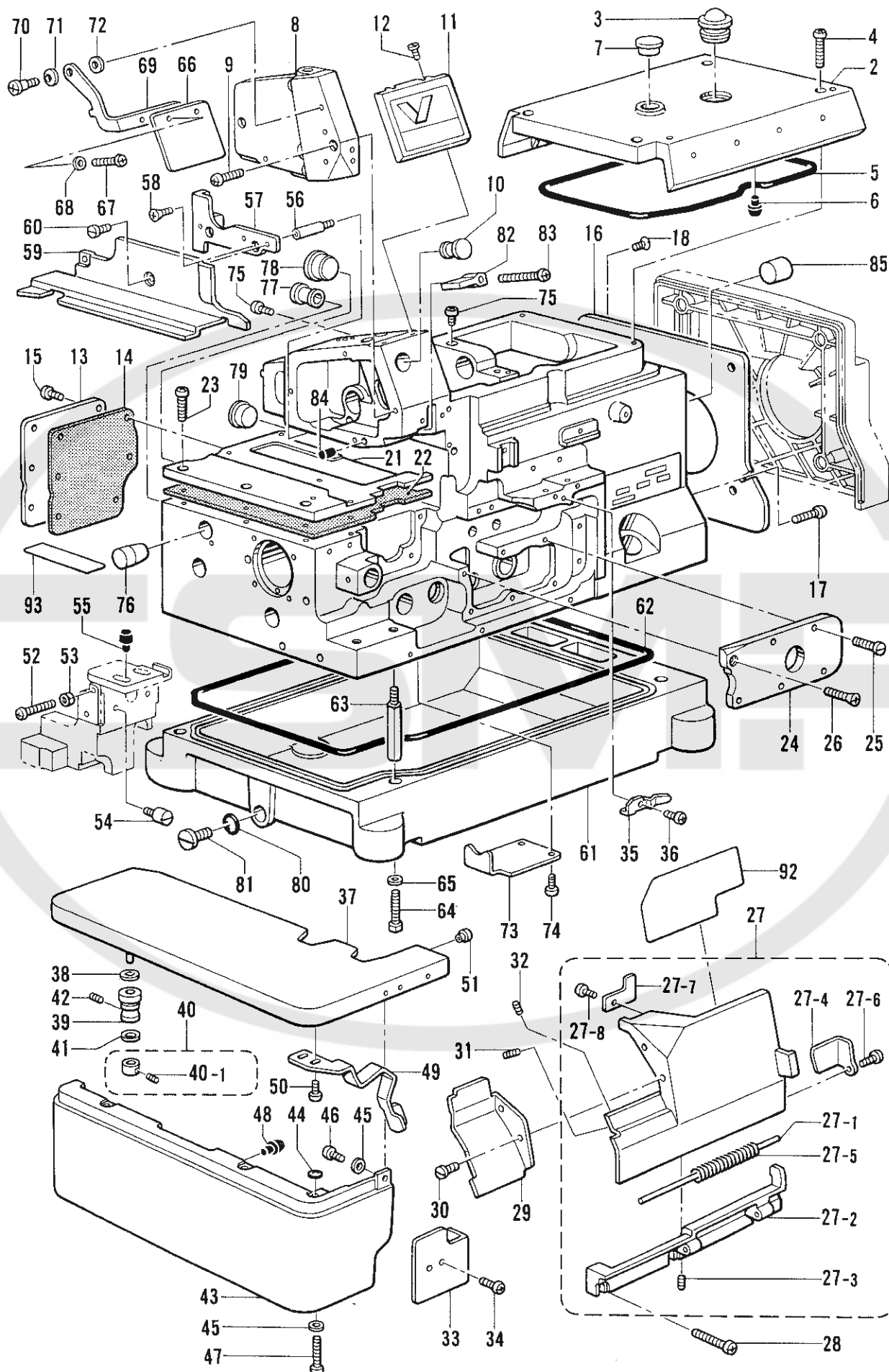
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.
5. Este libro ha sido compilado basándose en los datos de que se disponía en enero 1992.
6. Las piezas quedan sujetas a cambios de diseño sin aviso previo.
7. De haber un símbolo \* junto al "Parts No. (Número de Pieza)", habrá que mirar la lista de piezas separada de la página 55.

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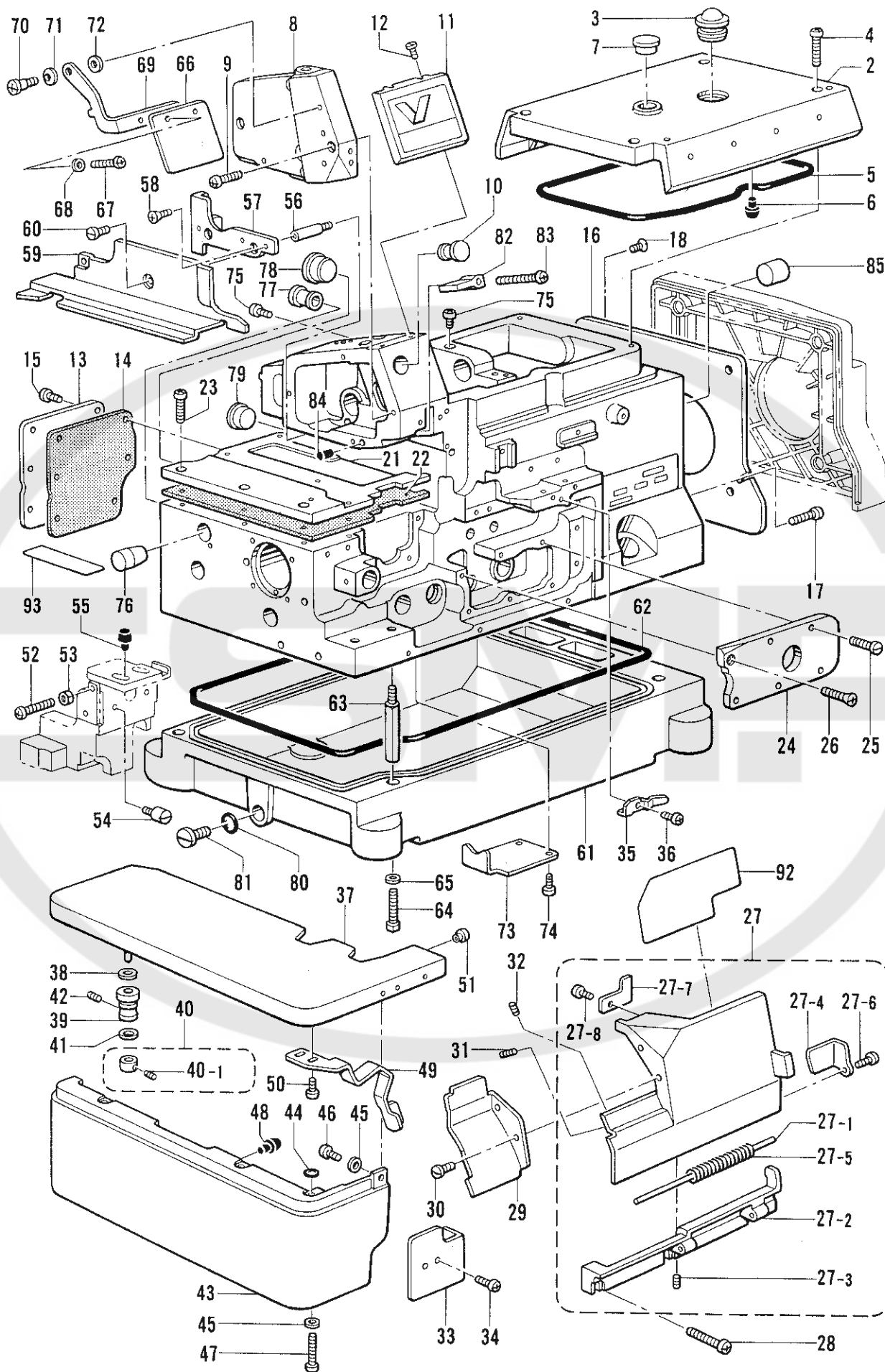
A. フレーム関係 / Machine body / Maschinengehäuse /  
Corps de la machine / Cuerpo de la máquina



A. フレーム関係/Machine body/Maschinengehäuse/  
Corps de la machine/Cuerpo de la máquina

| REF.NO. | CODE      | Q'TY | 品名            | NAME OF PARTS                  | RMKS |
|---------|-----------|------|---------------|--------------------------------|------|
| 2       | S20204001 | 1    | ウツカハ          | TOP COVER                      |      |
| 3       | S02606000 | 1    | ユリヨウケイマト      | OIL GAUGE WINDOW               |      |
| 4       | 062401216 | 4    | ナヘ"コM4X12     | SCREW M4X12                    |      |
| 5       | S20306000 | 1    | ハツキン          | PACKING                        |      |
| 6       | S20412000 | 3    | メクラセン         | OIL CAP                        |      |
| 7       | S23337009 | 1    | メクラセン         | OIL CAP                        |      |
| 8       | S20712001 | 1    | ソクメンカハークミ     | FRAME SIDE COVER ASSEMBLY      |      |
| 9       | 062400816 | 4    | ナヘ"コ4X8       | SCREW 4X8                      |      |
| 10      | S20345009 | 1    | メクラセン         | OIL CAP                        |      |
| 11      | S20309001 | 1    | メンイタカハ        | FACE PLATE COVER               |      |
| 12      | S23418001 | 2    | シメネジ"4X5      | SCREW 4X5                      |      |
| 13      | S20310001 | 1    | オクリキコウカハ-B    | COVER FOR FEED MECHANISM (B)   |      |
| 14      | S20311000 | 1    | ハツキン          | PACKING                        |      |
| 15      | 062400816 | 6    | ナヘ"コ4X8       | SCREW 4X8                      |      |
| 16      | S23367001 | 1    | ファンカハ         | FAN COVER                      |      |
| 17      | 062400816 | 2    | ナヘ"コ4X8       | SCREW 4X8                      |      |
| 18      | 061400616 | 1    | サラコ4X6        | SCREW 4X6                      |      |
| 21      | S20313000 | 1    | オクリタ"イカハ      | FEED BAR COVER                 |      |
| 22      | S20314000 | 1    | ハツキン          | PACKING                        |      |
| 23      | 062401016 | 6    | ナヘ"コ4X10      | SCREW 4X10                     |      |
| 24      | S20315001 | 1    | ウチカハ          | INSIDE COVER                   |      |
| 25      | S23616001 | 5    | シメネジ"4X10     | SCREW 4X10                     |      |
| 26      | 061400816 | 1    | サラコ4X8        | SCREW 4X8                      |      |
| 27      | S20316001 | 1    | マエカハ-Lクミ      | FRONT COVER (L) ASSEMBLY       |      |
| 27-1    | S20318000 | 1    | マエカハ-ヒンシ"ジク   | FRONT COVER HINGE SHAFT        |      |
| 27-2    | S20319001 | 1    | マエカハ-ヒンシ      | FRONT COVER HINGE              |      |
| 27-3    | 012400436 | 2    | アナヒラ4X4       | SET SCREW 4X4                  |      |
| 27-4    | S20320001 | 1    | マエカハ-ストツハ     | FRONT COVER STOPPER            |      |
| 27-5    | S20321001 | 1    | マエカハ-ハネ       | FRONT COVER SPRING             |      |
| 27-6    | S23418001 | 1    | シメネジ"4X5      | SCREW 4X5                      |      |
| 27-7    | S20327001 | 1    | マエカハ-トメイタ     | STOPPER PLATE FOR FRONT COVER  |      |
| 27-8    | S23418001 | 1    | シメネジ"4X5      | SCREW 4X5                      |      |
| 28      | 060401416 | 3    | ハ"イント"4X14    | SCREW 4X14                     |      |
| 29      | S20322001 | 1    | マエカハ-S        | FRONT COVER (S)                |      |
| 30      | S23418001 | 2    | シメネジ"4X5      | SCREW 4X5                      |      |
| 31      | 012400836 | 1    | アナヒラ4X8       | SET SCREW 4X8                  |      |
| 32      | 012400436 | 1    | アナヒラ4X4       | SET SCREW 4X4                  |      |
| 33      | S20324001 | 1    | マエカハ-Lアンナイ    | FRONT COVER (L) GUIDE          |      |
| 34      | 062400816 | 2    | ナヘ"コ4X8       | SCREW 4X8                      |      |
| 35      | S20325001 | 1    | マエカハ-トメイタハネ   | STOPPER SPRING FOR FRONT COVER |      |
| 36      | 062400616 | 1    | ナヘ"コM4X6      | SCREW M4X6                     |      |
| 37      | S20328001 | 1    | クロスプレート       | CLOTH PLATE                    |      |
| 38      | S20329000 | 1    | クロスプレートシート    | CLOTH PLATE SHEET              |      |
| 39      | S20330000 | 1    | クロスプレートササエカラー | CLOTH PLATE SUPPORT COLLAR     |      |
| 40      | S20331001 | 1    | セツトカラークミ      | SET COLLAR ASSEMBLY            |      |
| 40-1    | 012400436 | 1    | アナヒラ4X4       | SET SCREW 4X4                  |      |
| 41      | S20333001 | 1    | サラハ"ネサ"ガ"ネ    | SPRING WASHER                  |      |
| 42      | 012400636 | 1    | アナヒラ4X6       | SET SCREW 4X6                  |      |
| 43      | S20334000 | 1    | クロスプレートシタ     | CLOTH PLATE (LOWER)            |      |
| 44      | 118770001 | 3    | ハツキン          | PACKING                        |      |
| 45      | 025040132 | 4    | ヒラサ"ガ"ネシヨウ4   | PLAIN WASHER 4                 |      |
| 46      | 062400616 | 1    | ナヘ"コM4X6      | SCREW M4X6                     |      |
| 47      | 062401216 | 3    | ナヘ"コM4X12     | SCREW M4X12                    |      |
| 48      | S20412000 | 2    | メクラセン         | OIL CAP                        |      |
| 49      | S20348001 | 1    | クロスプレートトメイタハネ | SPRING                         |      |
| 50      | 060400516 | 2    | ハ"イント"4X5     | SCREW M4X5                     |      |
| 51      | 156482000 | 1    | メクラセン         | OIL CAP                        |      |
| 52      | 062401616 | 1    | ナヘ"コ4X16      | SCREW 4X16                     |      |
| 53      | 021400216 | 1    | 2シユナツト4       | NUT 4                          |      |
| 54      | S20349001 | 1    | シメネジ"4M6      | SCREW M6                       |      |
| 55      | S20412000 | 2    | メクラセン         | OIL CAP                        |      |
| 56      | S20208001 | 2    | スタツト"4        | STUD 4                         |      |

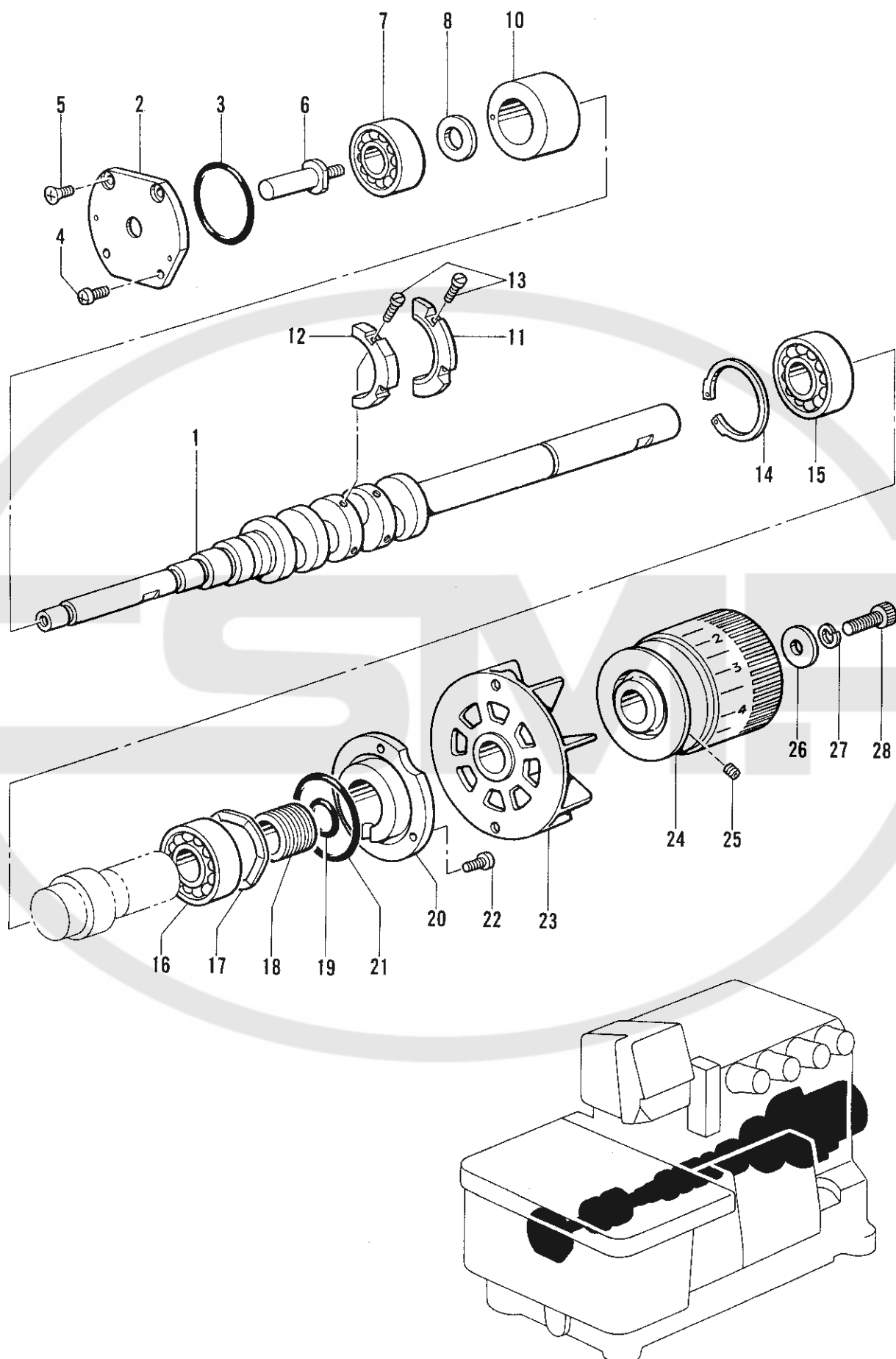
A. フレーム関係/Machine body/Maschinengehäuse/  
Corps de la machine/Cuerpo de la máquina



A. フレーム関係/Machine body/Maschinengehäuse/  
Corps de la machine/Cuerpo de la máquina

| REF.NO. | CODE      | Q'TY | ヒンメイ           | NAME OF PARTS                | RMKS |
|---------|-----------|------|----------------|------------------------------|------|
| 57      | S20207001 | 1    | ヌノアンナイトリツケイタ   | CLOTH GUIDE SET PLATE        |      |
| 58      | 061400616 | 2    | サラコ4X6         | SCREW 4X6                    |      |
| 59      | S20337001 | 1    | クロスプレートヌノアンナイ  | CLOTH GUIDE                  |      |
| 60      | S23418001 | 2    | シメネジ"4X5       | SCREW 4X5                    |      |
| 61      | S20338000 | 1    | アブ"ラウケ         | OIL RESERVOIR                |      |
| 62      | S20339000 | 1    | ハ"ツキン          | PACKING                      |      |
| 63      | S23350001 | 4    | ホンタイシチユウ       | MACHINE BODY LEG             |      |
| 64      | 017501216 | 4    | ボ"ルト5X12       | BOLT 5X12                    |      |
| 65      | S23351001 | 4    | サ"ガ"ネ          | WASHER                       |      |
| 66      | S00075000 | 1    | アイガ"ート"        | EYE GUARD                    |      |
| 67      | 062350816 | 2    | ナヘ"コ3.5X8      | SCREW 3.5X8                  |      |
| 68      | 025350332 | 2    | ヒラサ"ガ"ネタ"イ3.5  | PLAIN WASHER 3.5             |      |
| 69      | S20340001 | 1    | アイガ"ート"ササエイタ   | EYE GUARD SUPPORT PLATE      |      |
| 70      | S20342001 | 1    | タ"ンネシ"4        | STUD SCREW 4                 |      |
| 71      | 146598001 | 1    | ハ"ネサ"ガ"ネ       | SPRING WASHER                |      |
| 72      | S00077000 | 1    | スベ"ーサ          | SPACER                       |      |
| 73      | S20343001 | 1    | シキリイタ          | OIL STOPPER PLATE            |      |
| 74      | 062400616 | 2    | ナヘ"コM4X6       | SCREW M4X6                   |      |
| 75      | 062061016 | 5    | ナヘ"コ6X10       | SCREW 6X10                   |      |
| 76      | S20344009 | 1    | メクラセン          | OIL CAP                      |      |
| 77      | S20345009 | 1    | メクラセン          | OIL CAP                      |      |
| 78      | 108520009 | 1    | メクラセン          | OIL CAP                      |      |
| 79      | S23337009 | 1    | メクラセン          | OIL CAP                      |      |
| 80      | 081009070 | 1    | Oリング"P9        | O RING P9                    |      |
| 81      | S23357001 | 1    | シメネジ"10        | SCREW 10                     |      |
| 82      | S20346000 | 1    | ハリホ"ウアブ"ラウケ    | NEEDLE BAR OIL RESERVOIR     |      |
| 83      | 062401616 | 1    | ナヘ"コ4X16       | SCREW 4X16                   |      |
| 84      | S20878000 | 1    | メクラセン          | OIL CAP                      |      |
| 85      | 140066009 | 1    | メクラセン          | OIL CAP                      |      |
| 92      | S25182001 | 1    | イトオシセツメイラヘ"ルD  | THREADING DIAGRAM LABEL (D)  |      |
| 93      | S25184001 | 1    | DLイトオシセツメイラヘ"ル | (DL) THREADING DIAGRAM LABEL |      |

B. 駆動軸関係 / Crank shaft mechanism / Kurbelwelle /  
Mécanisme du vilebrequin / Mecanismo del cigüeñal



**B. 駆動軸関係/Crank shaft mechanism/Kurbelwelle/  
Mécanisme du vilebrequin/Mecanismo del cigüeñal**

| REF.NO. | CODE        | Q'TY | 品名            | NAME OF PARTS                     | RMKS |
|---------|-------------|------|---------------|-----------------------------------|------|
| 1       | ★ S23370001 | 1    | クランクシャフトネジツキ  | CRANK SHAFT (N) WITH SCREW        |      |
| 2       | S20368001   | 1    | ベアリングフタ       | BEARING CAP                       |      |
| 3       | S20353000   | 1    | Oリング          | O RING                            |      |
| 4       | 062400816   | 2    | ナット4X8        | SCREW 4X8                         |      |
| 5       | 061400816   | 2    | ナット4X8        | SCREW 4X8                         |      |
| 6       | S20369001   | 1    | ニジユウカンデンビシ    | CHAIN STITCH THREAD TAKE-UP SHAFT |      |
| 7       | S29136001   | 1    | タマシクウケ6300Z   | BALL BEARING 6300Z                |      |
| 8       | S20356001   | 1    | ヒラサガネ10       | PLAIN WASHER 10                   |      |
| 10      | S20358000   | 1    | クランクシャフトメタル   | CRANK SHAFT BUSH                  |      |
| 11      | S20359000   | 1    | バランスウエイトR     | BALANCE WEIGHT (R)                |      |
| 12      | S20360000   | 1    | バランスウエイトL     | BALANCE WEIGHT (L)                |      |
| 13      | S20355001   | 4    | シメネジ3X8.5     | SCREW 3X8.5                       |      |
| 14      | 048400242   | 1    | トメフアナヨウC40    | STOP RING C40                     |      |
| 15      | 076203000   | 1    | タマシクウケ6203    | BALL BEARING 6203                 |      |
| 16      | S27868001   | 1    | タマシクウケ6203V   | BALL BEARING 6203V                |      |
| 17      | S20361001   | 1    | ナミハネ          | WAVE SPRING                       |      |
| 18      | S20362001   | 1    | クランクシャフトオイルキリ | CRANK SHAFT OIL REJECTOR          |      |
| 19      | S20363000   | 1    | Oリング017       | O RING 017                        |      |
| 20      | S20364000   | 1    | ベアリングオサエ      | BEARING PRESSER                   |      |
| 21      | S20365000   | 1    | Oリング030       | O RING 030                        |      |
| 22      | 060401016   | 3    | バインド4X10      | SCREW M4X10                       |      |
| 23      | S20366000   | 1    | ファン           | FAN                               |      |
| 24      | S20367001   | 1    | プーリ           | PULLEY                            |      |
| 25      | 012060636   | 2    | アナヒラ6X6       | SET SCREW 6X6                     |      |
| 26      | 152710001   | 1    | サガネ           | WASHER                            |      |
| 27      | 028060242   | 1    | ハネサガネ2-6      | SPRING WASHER 2-6                 |      |
| 28      | 018061636   | 1    | アナボルト6X16     | BOLT 6X16                         |      |

★クランクシャフトとロッドは、同色（赤色・青色の2種類）の組合わせで、選択組付けをしています。

ご注文の際には、色を指定してください。

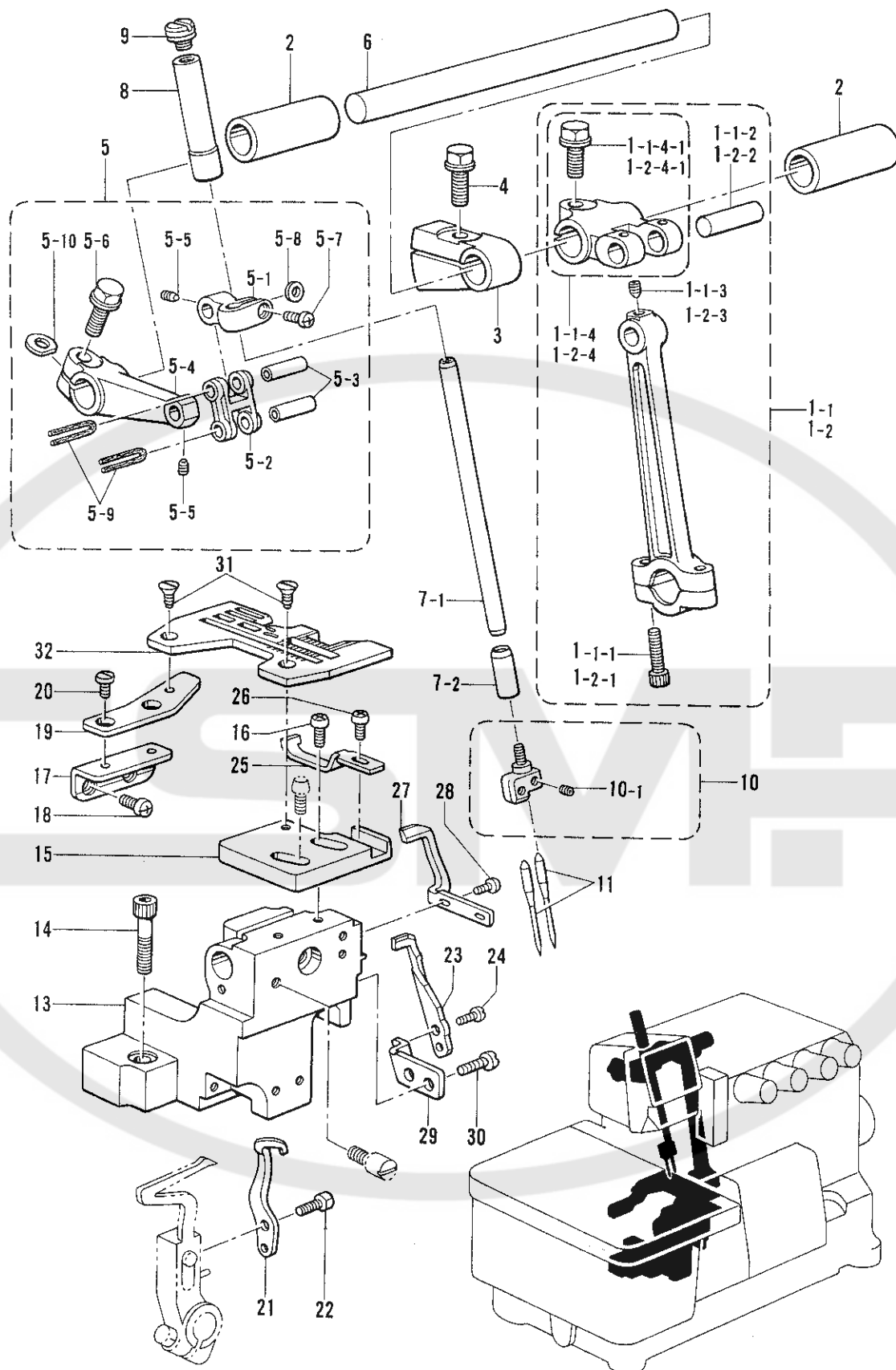
★ The crank shaft and rod are to be selected and installed to parts of the same color (2 types: red and blue). Be sure to specify a color when ordering.

★ Die Kurbelwelle und die Stange müssen mit den gleichfarbigen Teilen (zwei Typen: rot und blau) ausgewählt und montiert werden. Geben Sie daher bei der Bestellung unbedingt die Farbe an.

★ L'arbre et la bielle doivent être choisis et montés avec des pièces de couleur identique (2 types: rouge et bleu). Veiller à bien préciser la couleur en passant la commande.

★ El cigüeñal y la varilla del cigüeñal se deben seleccionar e instalar con las piezas del mismo color (dos tipos: rojas y azules). Al hacer el pedido se debe especificar el color.

C. 針棒関係/Needle bar mechanism/Nadelstangenvorrichtung/  
Mécanisme de la barre à aiguille/Mecanismo del barra de aguja



★クドウジクとロッドは、同色（赤色・青色の２種類）の組合わせで、選択組付けをしています。

ご注文の際には、色を指定してください。

★ The crank shaft and rod are to be selected and installed to parts of the same color (2 types: red and blue). Be sure to specify a color when ordering.

★ Die Kurbelwelle und die Stange müssen mit den gleichfarbigen Teilen (zwei Typen: rot und blau) ausgewählt und montiert werden. Geben Sie daher bei der Bestellung unbedingt die Farbe an.

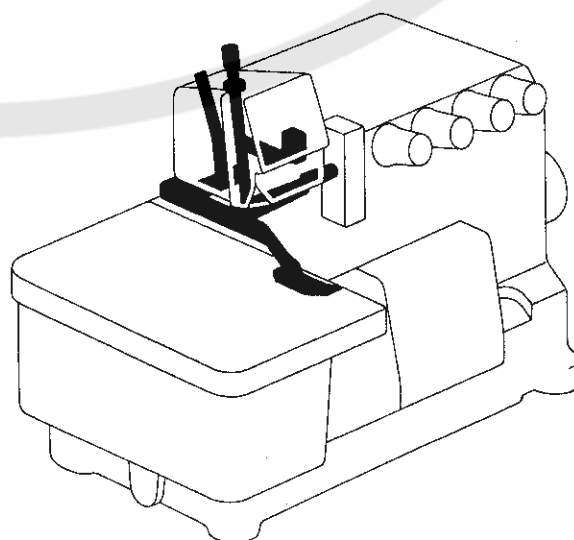
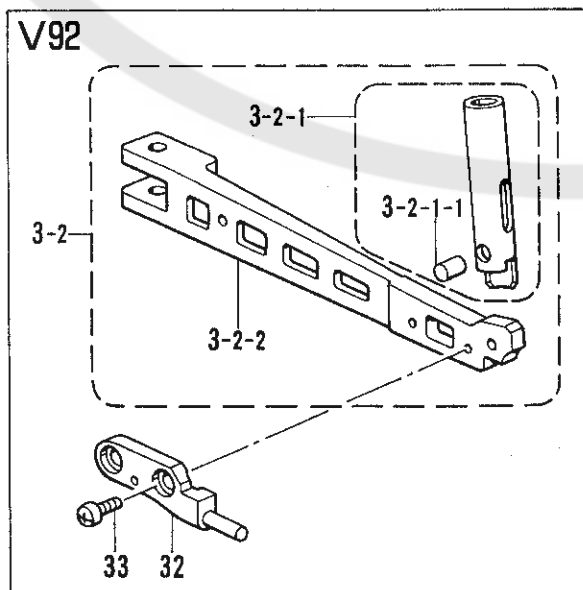
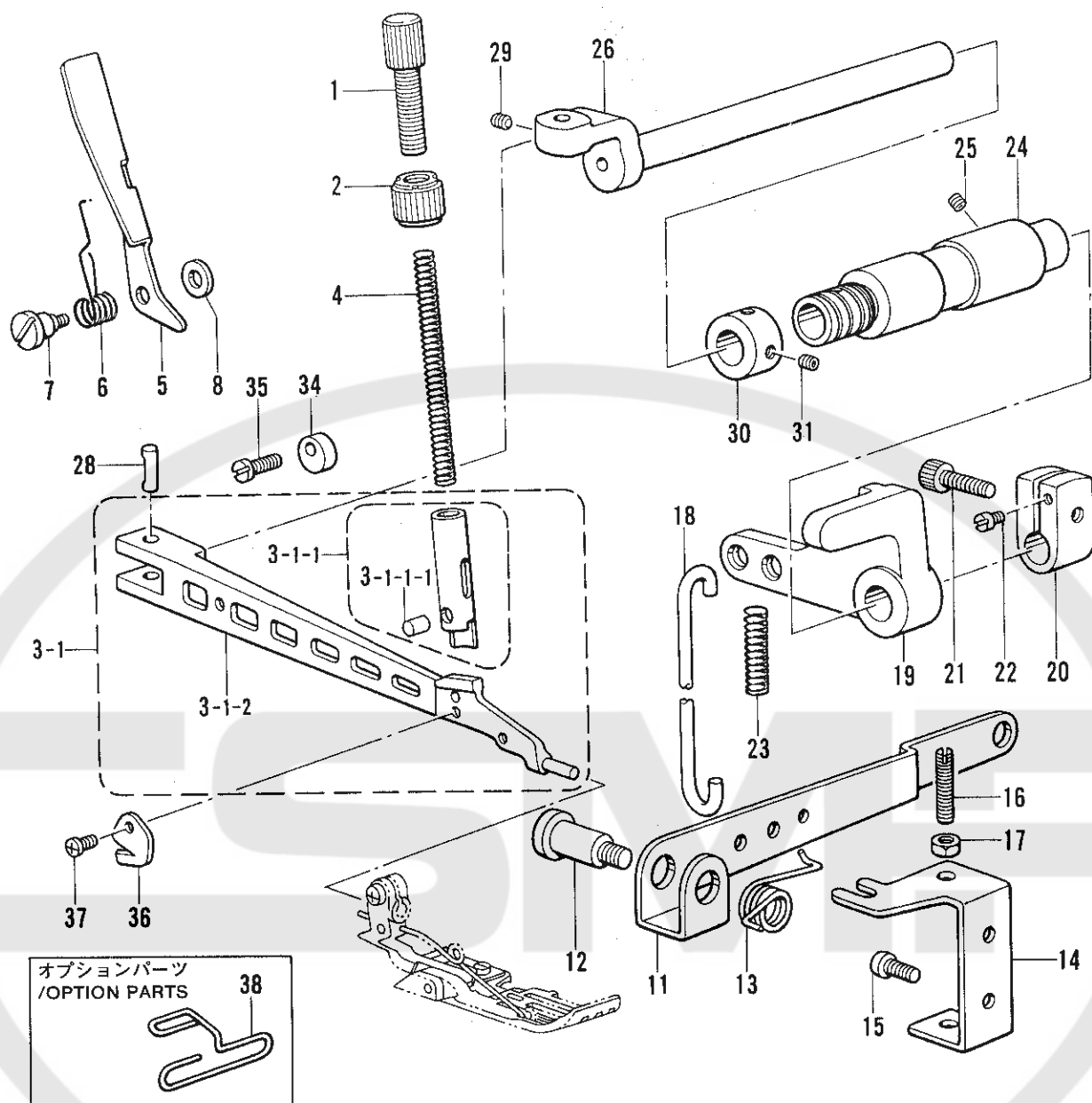
★ L'arbre et la bielle doivent être choisis et montés avec des pièces de couleur identique (2 types: rouge et bleu). Veiller à bien préciser la couleur en passant la commande.

★ El cigüeñal y la varilla del cigüeñal se deben seleccionar e instalar con las piezas del mismo color (dos tipos: rojas y azules). Al hacer el pedido se debe especificar el color.

C. 針棒関係/Needle bar mechanism/Nadelstangenvorrichtung/  
Mécanisme de la barre à aiguille/Mecanismo del barra de aguja

| REF.NO.                                 | CODE        | Q'TY | ヒンメイ            | NAME OF PARTS                            | RMKS |
|-----------------------------------------|-------------|------|-----------------|------------------------------------------|------|
| 2                                       | S20382000   | 2    | ハリシ"クメタル        | NEEDLE SHAFT BUSH                        |      |
| 3                                       | S20385001   | 1    | ハリバ"ランス         | NEEDLE BALANCE                           |      |
| 4                                       | S20849001   | 1    | フランシ"ホルト6X16ホソメ | BOLT 6X16                                |      |
| 5                                       | S20386001   | 1    | ハリホ"ウタ"キクミ      | NEEDLE BAR CLAMP ASSEMBLY                |      |
| 5-1                                     | S20387001   | 1    | ハリホ"ウタ"キ        | NEEDLE BAR CLAMP                         |      |
| 5-2                                     | S20388001   | 1    | ハリホ"ウリンク        | NEEDLE BAR LINK                          | ※    |
| 5-3                                     | S20389001   | 2    | ハリホ"ウリンク"シ"ク    | NEEDLE BAR LINK SHAFT                    | ※    |
| 5-4                                     | S20390001   | 1    | ハリウテ"           | NEEDLE BAR LEVER                         |      |
| 5-5                                     | S23342001   | 2    | アナトガ"リ4X5       | SET SCREW 4X5                            |      |
| 5-6                                     | S20849001   | 1    | フランシ"ホルト6X16ホソメ | BOLT 6X16                                |      |
| 5-7                                     | 062350816   | 1    | ナヘ"コ3.5X8       | SCREW 3.5X8                              |      |
| 5-8                                     | S20391001   | 1    | スヘーサ            | SPACER                                   |      |
| 5-9                                     | S20392000   | 2    | フェルト            | FELT                                     |      |
| 5-10                                    | 155162001   | 1    | スヘーサ            | SPACER                                   |      |
| 6                                       | S20384001   | 1    | ハリシ"ク           | NEEDLE SHAFT                             |      |
| 7                                       | S23365001   | 1    | ハリホ"ウクミ         | NEEDLE BAR ASSEMBLY                      |      |
| 7-1                                     | S20393001   | 1    | ハリホ"ウ           | NEEDLE BAR                               |      |
| 7-2                                     | S20395001   | 1    | ハリホ"ウメタルD       | NEEDLE BAR BUSH (D)                      |      |
| 8                                       | S20394001   | 1    | ハリホ"ウメタルU       | NEEDLE BAR BUSH (U)                      |      |
| 9                                       | S23343001   | 1    | シメネジ"クミ         | SCREW ASSEMBLY                           |      |
| 10                                      | *           | 1    | ハリト"メクミ         | NEEDLE CLAMP ASSEMBLY                    |      |
| 10-1                                    | 146427001   | 2    | アナトメネジ"3.18クホ"ミ | SET SCREW 3.18                           |      |
| 11                                      | *           | 2    | ミシンハリDCX27      | NEEDLE DCX27                             |      |
| 13                                      | S20408001   | 1    | ハリイタササエ"ダイ      | NEEDLE PLATE SUPPORT BRACKET             |      |
| 14                                      | 018062536   | 2    | アナホ"ルト6X25      | BOLT 6X25                                |      |
| 15                                      | S20410001   | 1    | ハリイタササエ"イタ      | NEEDLE PLATE SUPPORT PLATE               |      |
| 16                                      | 062401016   | 2    | ナヘ"コ4X10        | SCREW 4X10                               |      |
| 17                                      | S20413001   | 1    | ハリイタササエ"イタBササエ  | PLATE (B) SUPPORT                        |      |
| 18                                      | 062400616   | 2    | ナヘ"コM4X6        | SCREW M4X6                               |      |
| 19                                      | S20414001   | 1    | ハリイタササエ"イタB     | NEEDLE PLATE SUPPORT PLATE (B)           |      |
| 20                                      | S23418001   | 2    | シメネジ"4X5        | SCREW 4X5                                |      |
| 21                                      | S20415001   | 1    | イト"ウハリウケ        | MOVABLE NEEDLE GUARD                     |      |
| 22                                      | S20416001   | 1    | ホ"ルト3.5X10      | BOLT 3.5X10                              |      |
| 23                                      | S20418001   | 1    | オーバ"ーハリウケF      | NEEDLE GUARD (F)                         |      |
| 24                                      | S23456001   | 2    | ナヘ"コ25X6        | SCREW 25X6                               |      |
| 25                                      | S20419001   | 1    | ニジ"ユウカンハリウケF    | CHAIN STITCH NEEDLE GUARD (F)            |      |
| 26                                      | 062350616   | 1    | ナヘ"コM3.5X6      | SCREW M3.5X6                             |      |
| 27                                      | S20420001   | 1    | ニジ"ユウカンハリウケB    | CHAIN STITCH NEEDLE GUARD (B)            |      |
| 28                                      | S23456001   | 2    | ナヘ"コ25X6        | SCREW 25X6                               |      |
| 29                                      | S20451001   | 1    | ハリウケトリツケ"イタ     | NEEDLE GUARD SET PLATE                   |      |
| 30                                      | 060401016   | 2    | ハ"イント"4X10      | SCREW M4X10                              |      |
| 31                                      | 100032003   | 2    | サラネジ"4.37       | SCREW 4.37                               |      |
| 32                                      | *           | 1    | ハリイタ            | NEEDLE PLATE                             |      |
| <ハイリフトヨウ /FOR HIGH-LIFT 63, 64, 65, 66> |             |      |                 |                                          |      |
| 1-1                                     | ★ S20376001 | 1    | ハリクランクロッド"クミH   | NEEDLE DRIVING CRANK ROD ASSEMBLY (H)    |      |
| 1-1-1                                   | 018401622   | 2    | アナホ"ルト4X16      | BOLT 4X16                                |      |
| 1-1-2                                   | S20373001   | 1    | クランクロッド"シ"ク     | CRANK ROD SHAFT                          | ※    |
| 1-1-3                                   | S23342001   | 1    | アナトガ"リ4X5       | SET SCREW 4X5                            |      |
| 1-1-4                                   | S20377001   | 1    | ハリシ"クウテ"ネジ"ツキH  | NEEDLE ARM DRIVING LEVER WITH SCREW (H)  | ※    |
| 1-1-4-1                                 | S20849001   | 1    | フランシ"ホルト6X16ホソメ | BOLT 6X16                                |      |
| <チョウハイリフトヨウ /FOR EXTRA HIGH LIFT>       |             |      |                 |                                          |      |
| 1-2                                     | ★ S20379001 | 1    | ハリクランクロッド"クミEU  | NEEDLE DRIVING CRANK ROD ASSEMBLY (EU)   |      |
| 1-2-1                                   | 018401622   | 2    | アナホ"ルト4X16      | BOLT 4X16                                |      |
| 1-2-2                                   | S20373001   | 1    | クランクロッド"シ"ク     | CRANK ROD SHAFT                          | ※    |
| 1-2-3                                   | S23342001   | 1    | アナトガ"リ4X5       | SET SCREW 4X5                            |      |
| 1-2-4                                   | S20380001   | 1    | ハリシ"クウテ"ネジ"ツキEU | NEEDLE ARM DRIVING LEVER WITH SCREW (EU) | ※    |
| 1-2-4-1                                 | S20849001   | 1    | フランシ"ホルト6X16ホソメ | BOLT 6X16                                |      |

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

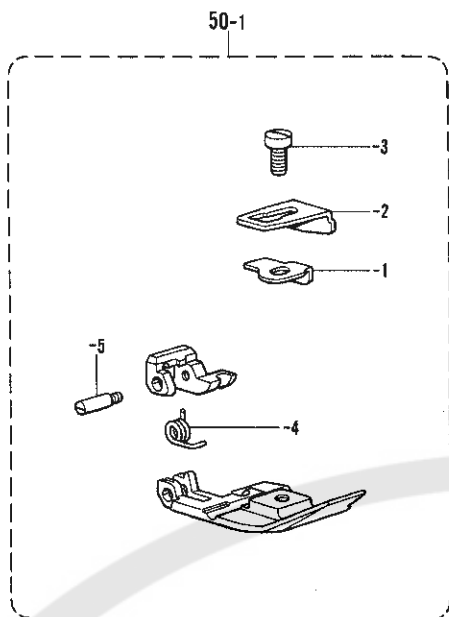


D. 押工関係/Presser foot mechanism/Stoffdrückerfuß/  
Mécanisme du pied presseur/Mecanismo del prensa telas

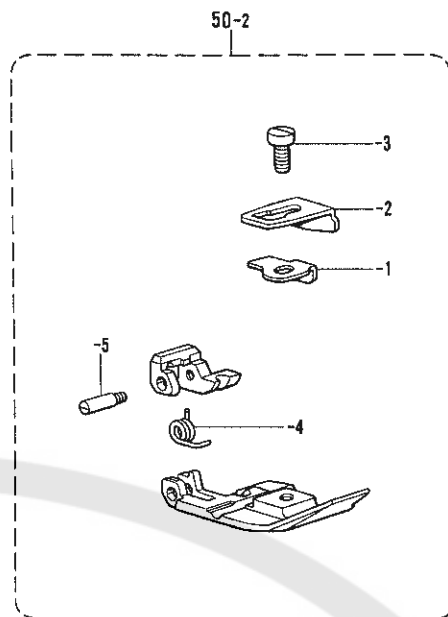
| REF.NO.    | CODE      | Q'TY | ヒンメイ           | NAME OF PARTS              | RMKS |
|------------|-----------|------|----------------|----------------------------|------|
| 1          | S20472001 | 1    | オサエチヨウセツネシ     | ADJUST SCREW               |      |
| 2          | S23341009 | 1    | チヨウセツネシ"ツマミナツト | NUT                        |      |
| 4          | S20477001 | 1    | オサエハ"ネ         | PRESSER SPRING             |      |
| 5          | S20478001 | 1    | オサエテアケ"        | PRESSER BAR LIFTER         |      |
| 6          | S20479001 | 1    | オサエテアケ"ハ"ネ     | PRESSER BAR LIFTER SPRING  |      |
| 7          | S20480001 | 1    | タ"ンネシ"4        | STUD SCREW 4               |      |
| 8          | 146354001 | 1    | サ"カ"ネ          | WASHER                     |      |
| 11         | S20482001 | 1    | オサエシアケ"レハ"ー    | PRESSER FOOT LIFTER LEVER  |      |
| 12         | S20483001 | 1    | タ"ンネシ"8        | STUD SCREW 8               |      |
| 13         | S20484001 | 1    | オサエシアケ"レハ"ーハ"ネ | SPRING                     |      |
| 14         | S23349001 | 1    | レハ"ーチヨウセツイタ    | LEVER ADJUST PLATE         |      |
| 15         | 062401016 | 2    | ナヘ"コ4X10       | SCREW 4X10                 |      |
| 16         | 011502016 | 2    | トメネシ"5X20ヒラ    | SET SCREW 5X20             |      |
| 17         | 021500316 | 2    | 3シユナツト5        | NUT 5                      |      |
| 18         | S20485001 | 1    | オサエアケ"リンク      | PRESSER BAR LIFTER LINK    |      |
| 19         | S20209001 | 1    | オサエアケ"レハ"ー     | PRESSER BAR LIFTER LEVER   |      |
| 20         | S20487001 | 1    | オサエアケ"ウデ"      | PRESSER BAR LIFTER ARM     |      |
| 21         | S20175001 | 1    | アナホ"ルト6X16ホソメ  | BOLT 6X16                  |      |
| 22         | S20488001 | 1    | ストツハ"ネシ"       | STOPPER SCREW              |      |
| 23         | S20489001 | 1    | オサエアケ"レハ"ーハ"ネ  | SPRING                     |      |
| 24         | S20210000 | 1    | オサエウデ"シ"クメタル   | PRESSER ARM SHAFT BUSH     |      |
| 25         | 012060636 | 1    | アナヒラ6X6        | SET SCREW 6X6              |      |
| 26         | S20211001 | 1    | オサエウデ"シ"ク      | PRESSER ARM SHAFT          |      |
| 28         | S20493001 | 1    | オサエウデ"ピン       | PIN                        |      |
| 29         | 012400436 | 1    | アナヒラ4X4        | SET SCREW 4X4              |      |
| 30         | S20212001 | 1    | セツトカラー         | SET COLLAR                 |      |
| 31         | 012400436 | 2    | アナヒラ4X4        | SET SCREW 4X4              |      |
| 34         | S03321001 | 1    | オサエウデ"ストツハ"    | PRESSER ARM STOPPER        |      |
| 35         | S20740001 | 1    | シメネシ"4X10シール   | SCREW 4X10 SEAL            |      |
| 36         | S20118001 | 1    | カラヌイメス         | TRIMMING KNIFE             |      |
| 37         | 060300416 | 1    | ハ"イント"3X4      | SCREW M3X4                 |      |
| <FOR V91>  |           |      |                |                            |      |
| 3-1        | S23354001 | 1    | オサエウデ"クミA      | PRESSER ARM ASSEMBLY (A)   |      |
| 3-1-1      | S20473001 | 1    | オサエホ"ウクミ       | PRESSER BAR ASSEMBLY       | ※    |
| 3-1-1-1    | S20475000 | 1    | オサエクツジョン       | PRESSER CUSHION            |      |
| 3-1-2      | S20492001 | 1    | シュオサエウデ"       | MAIN PRESSER ARM           | ※    |
| <FOR V92>  |           |      |                |                            |      |
| 3-2        | S23355001 | 1    | オサエウデ"クミB      | PRESSER ARM ASSEMBLY (B)   |      |
| 3-2-1      | S20473001 | 1    | オサエホ"ウクミ       | PRESSER BAR ASSEMBLY       | ※    |
| 3-2-1-1    | S20475000 | 1    | オサエクツジョン       | PRESSER CUSHION            |      |
| 3-2-2      | S20296001 | 1    | シュオサエウデ"       | MAIN PRESSER ARM           | ※    |
| 32         | S20298001 | 1    | ナカオサエウデ"       | PRESSER ARM                |      |
| 33         | 062350616 | 2    | ナヘ"コM3.5X6     | SCREW M3.5X6               |      |
| <テープ"ツケヨウ> |           |      |                |                            |      |
| 38         | S23364000 | 1    | テープ"アンナイ       | <FOR TAPING><br>TAPE GUIDE |      |

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

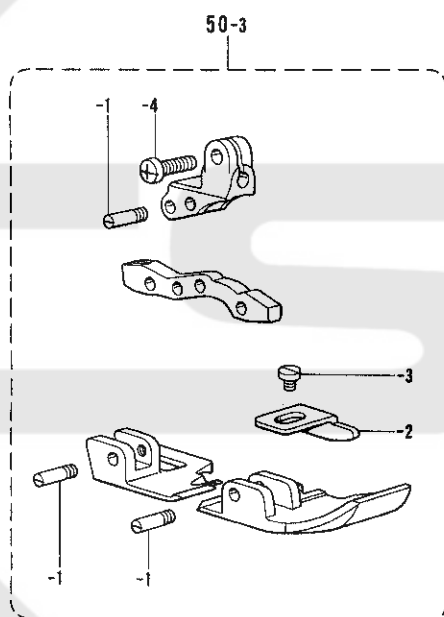
V91  
63



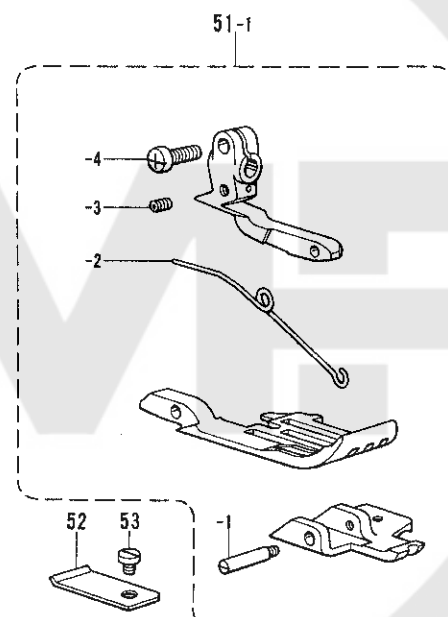
V91  
65



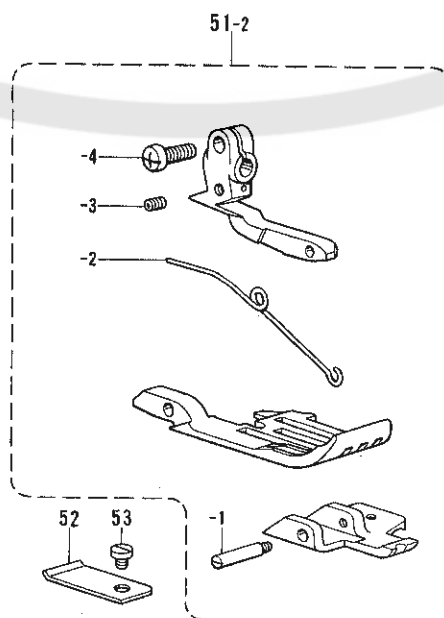
V91  
92



V92  
63-5  
64-5  
69-5  
70-5



V92  
65-5  
66-5  
71-5  
72-5

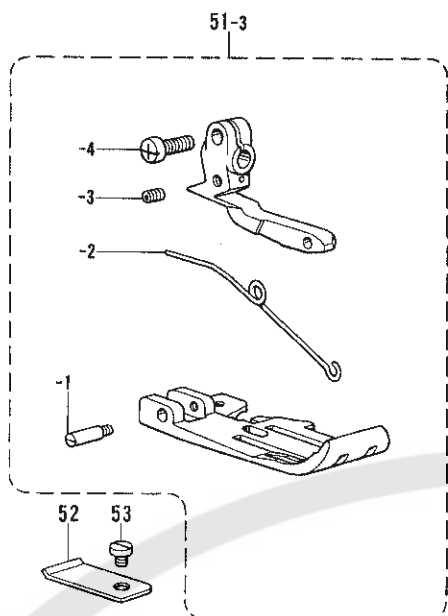


D. 押工関係/Presser foot mechanism/Stoffdrückerfuß/  
Mécanisme du pied presseur/Mecanismo del prensa telas

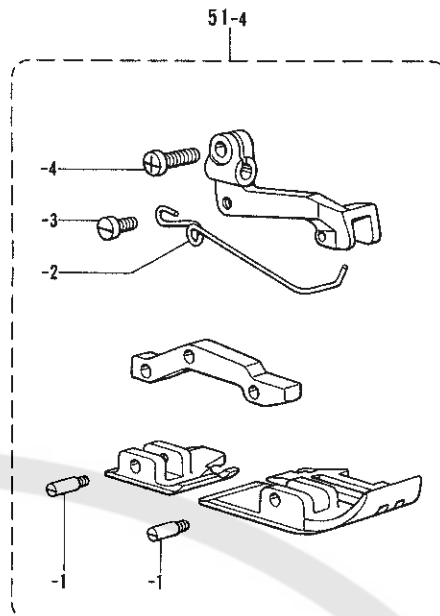
| REF.NO. | CODE      | Q'TY | 品名                        | NAME OF PARTS                  | RMKS |
|---------|-----------|------|---------------------------|--------------------------------|------|
|         |           |      | <V91 / 63>                |                                |      |
| 50-1    | S19364001 | 1    | オサエクミ                     | PRESSER FOOT ASSEMBLY          |      |
| 50-1-1  | S19368001 | 1    | オサエトリツケイタ                 | PRESSER FOOT PLATE             |      |
| 50-1-2  | S19367001 | 1    | オサエF                      | PRESSER FOOT (F)               |      |
| 50-1-3  | 106640001 | 1    | シメネジ"3.18                 | SCREW 3.18                     |      |
| 50-1-4  | S19369001 | 1    | オサエBネジ"リハ"ネ               | TWIST SPRING                   |      |
| 50-1-5  | S19346001 | 1    | シデンネジ"                    | SCREW                          |      |
|         |           |      | <V91 / 65>                |                                |      |
| 50-2    | S19370001 | 1    | オサエクミ                     | PRESSER FOOT ASSEMBLY          |      |
| 50-2-1  | S19368001 | 1    | オサエトリツケイタ                 | PRESSER FOOT PLATE             |      |
| 50-2-2  | S19367001 | 1    | オサエF                      | PRESSER FOOT (F)               |      |
| 50-2-3  | 106640001 | 1    | シメネジ"3.18                 | SCREW 3.18                     |      |
| 50-2-4  | S19369001 | 1    | オサエBネジ"リハ"ネ               | TWIST SPRING                   |      |
| 50-2-5  | S19346001 | 1    | シデンネジ"                    | SCREW                          |      |
|         |           |      | <V91 / 92>                |                                |      |
| 50-3    | S19373001 | 1    | オサエクミ                     | PRESSER FOOT ASSEMBLY          |      |
| 50-3-1  | S19311001 | 3    | オサエサエネジ"                  | PRESSER FOOT SUPPORT SCREW     |      |
| 50-3-2  | S19340001 | 1    | オサエF                      | PRESSER FOOT (F)               |      |
| 50-3-3  | 106640001 | 1    | シメネジ"3.18                 | SCREW 3.18                     |      |
| 50-3-4  | 062670712 | 1    | ナヘ"コ357-40X7              | SCREW 357X7                    |      |
|         |           |      | <V92/63-5,64-5,69-5,70-5> |                                |      |
| 51-1    | S19383001 | 1    | オサエクミ                     | PRESSER FOOT ASSEMBLY          |      |
| 51-1-1  | S19379001 | 1    | シデンネジ"                    | SCREW                          |      |
| 51-1-2  | S21017001 | 1    | オサエネジ"リハ"ネ                | TWIST SPRING                   |      |
| 51-1-3  | 148294001 | 1    | アサトメネジ"3.57クホ"ミ           | SET SCREW 3.57                 |      |
| 51-1-4  | 062670712 | 1    | ナヘ"コ357-40X7              | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサエBホジ"ヨイタ                | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38                 | SCREW 2.38                     |      |
|         |           |      | <V92/65-5,66-5,71-5,72-5> |                                |      |
| 51-2    | S19386001 | 1    | オサエクミ                     | PRESSER FOOT ASSEMBLY          |      |
| 51-2-1  | S19379001 | 1    | シデンネジ"                    | SCREW                          |      |
| 51-2-2  | S21017001 | 1    | オサエネジ"リハ"ネ                | TWIST SPRING                   |      |
| 51-2-3  | 148294001 | 1    | アサトメネジ"3.57クホ"ミ           | SET SCREW 3.57                 |      |
| 51-2-4  | 062670712 | 1    | ナヘ"コ357-40X7              | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサエBホジ"ヨイタ                | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38                 | SCREW 2.38                     |      |

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

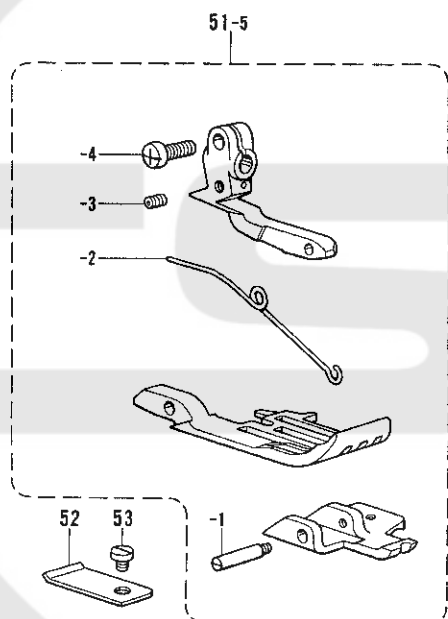
V92  
75-4  
-5  
76-5



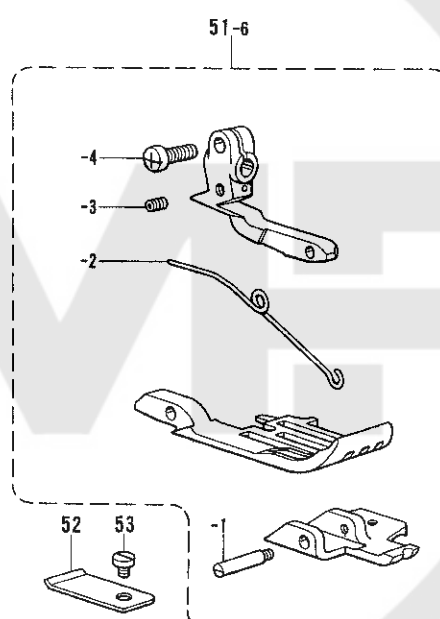
V92  
92  
93



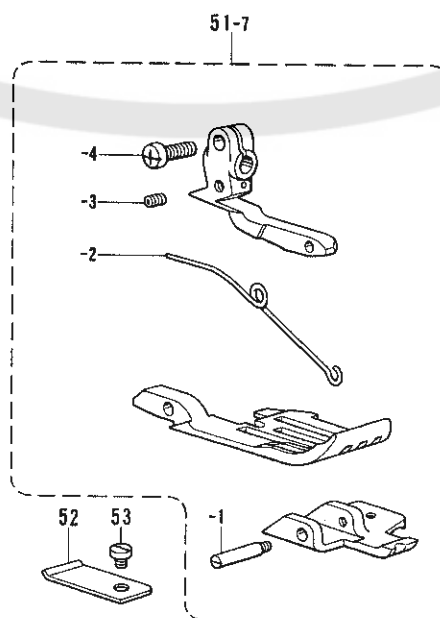
V92  
63-3



V92  
63-4  
69-4



V92  
65-6  
71-6

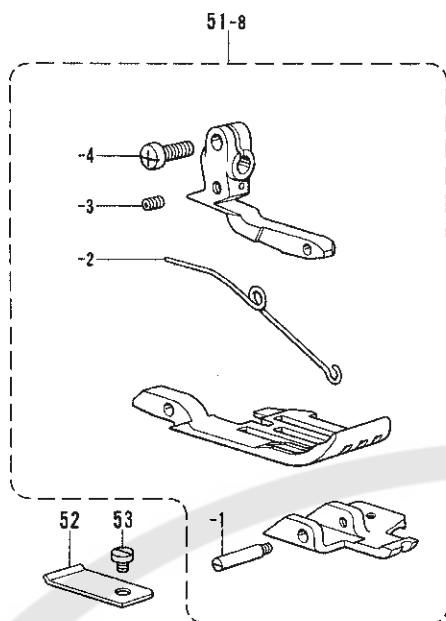


D. 押工関係/Presser foot mechanism/Stoffdrückerfuß/  
Mécanisme du pied presseur/Mecanismo del prensa telas

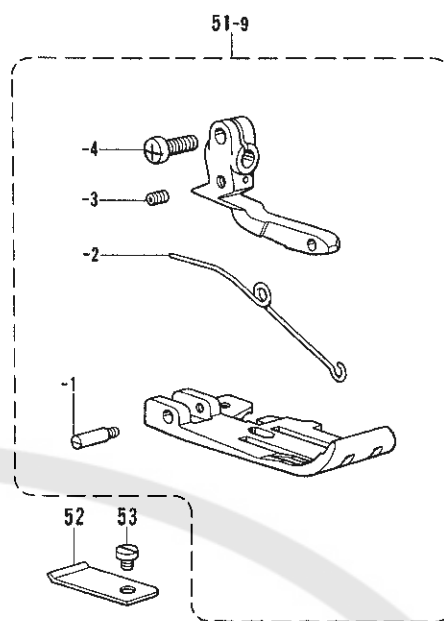
| REF.NO. | CODE      | Q'TY | ヒンメイ              | NAME OF PARTS                  | RMKS |
|---------|-----------|------|-------------------|--------------------------------|------|
|         |           |      | <V92/75-4,5 76-5> |                                |      |
| 51-3    | S20226001 | 1    | オサイクミ             | PRESSER FOOT ASSEMBLY          |      |
| 51-3-1  | S19346001 | 1    | シデンネジ"            | SCREW                          |      |
| 51-3-2  | S21017001 | 1    | オサエネジ"リハ"ネ        | TWIST SPRING                   |      |
| 51-3-3  | 148294001 | 1    | アナトメネジ"3.57クホ"ミ   | SET SCREW 3.57                 |      |
| 51-3-4  | 062670712 | 1    | ナヘ"コ357-40X7      | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサIBホシ"ヨイタ        | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38         | SCREW 2.38                     |      |
|         |           |      | <V92 / 92,93>     |                                |      |
| 51-4    | S19394001 | 1    | オサイクミ             | PRESSER FOOT ASSEMBLY          |      |
| 51-4-1  | S19311001 | 3    | オサエサエネジ"          | PRESSER FOOT SUPPORT SCREW     |      |
| 51-4-2  | S19399001 | 1    | オサエネジ"リハ"ネ        | TWIST SPRING                   |      |
| 51-4-3  | 150755001 | 1    | シメネジ"3.18         | SCREW 3.18                     |      |
| 51-4-4  | 062670712 | 1    | ナヘ"コ357-40X7      | SCREW 357X7                    |      |
|         |           |      | <V92 / 63-3>      |                                |      |
| 51-5    | S19375001 | 1    | オサイクミ             | PRESSER FOOT ASSEMBLY          |      |
| 51-5-1  | S19379001 | 1    | シデンネジ"            | SCREW                          |      |
| 51-5-2  | S21017001 | 1    | オサエネジ"リハ"ネ        | TWIST SPRING                   |      |
| 51-5-3  | 148294001 | 1    | アナトメネジ"3.57クホ"ミ   | SET SCREW 3.57                 |      |
| 51-5-4  | 062670712 | 1    | ナヘ"コ357-40X7      | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサIBホシ"ヨイタ        | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38         | SCREW 2.38                     |      |
|         |           |      | <V92/63-4,69-4>   |                                |      |
| 51-6    | S19380001 | 1    | オサイクミ             | PRESSER FOOT ASSEMBLY          |      |
| 51-6-1  | S19379001 | 1    | シデンネジ"            | SCREW                          |      |
| 51-6-2  | S21017001 | 1    | オサエネジ"リハ"ネ        | TWIST SPRING                   |      |
| 51-6-3  | 148294001 | 1    | アナトメネジ"3.57クホ"ミ   | SET SCREW 3.57                 |      |
| 51-6-4  | 062670712 | 1    | ナヘ"コ357-40X7      | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサIBホシ"ヨイタ        | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38         | SCREW 2.38                     |      |
|         |           |      | <V92/65-6,71-6>   |                                |      |
| 51-7    | S19389001 | 1    | オサイクミ             | PRESSER FOOT ASSEMBLY          |      |
| 51-7-1  | S19379001 | 1    | シデンネジ"            | SCREW                          |      |
| 51-7-2  | S21017001 | 1    | オサエネジ"リハ"ネ        | TWIST SPRING                   |      |
| 51-7-3  | 148294001 | 1    | アナトメネジ"3.57クホ"ミ   | SET SCREW 3.57                 |      |
| 51-7-4  | 062670712 | 1    | ナヘ"コ357-40X7      | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサIBホシ"ヨイタ        | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38         | SCREW 2.38                     |      |

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

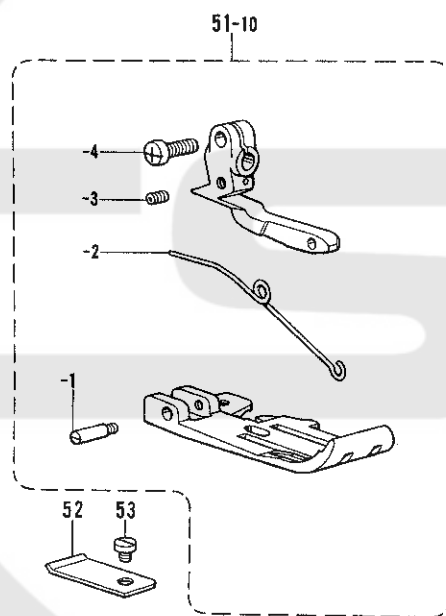
V92  
63-6  
69-6



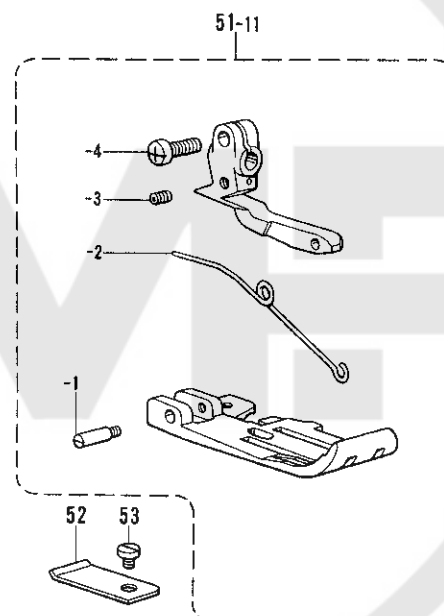
V92  
75-6



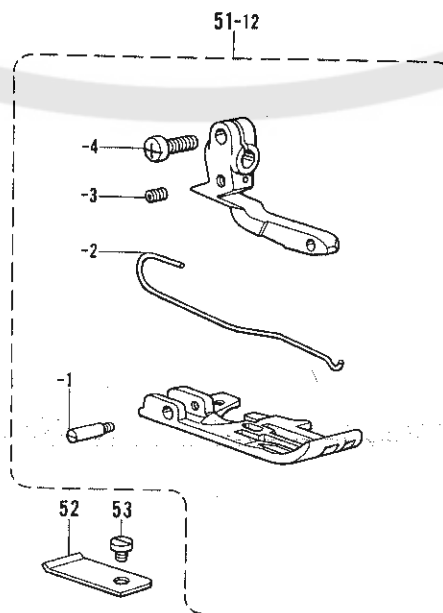
V92  
77-5  
78-5



V92  
77-6



小回り用 /FOR SMALL TYPE  
V92  
63-4



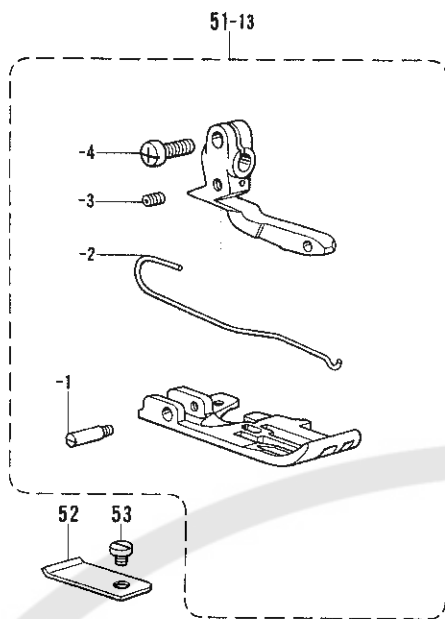
D. 押工関係/Presser foot mechanism/Stoffdrückerfuß/  
Mécanisme du pied presseur/Mecanismo del prensa telas

| REF.NO. | CODE      | Q'TY | ヒンメイ                               | NAME OF PARTS                  | RMKS |
|---------|-----------|------|------------------------------------|--------------------------------|------|
|         |           |      | <V92/63-6,69-6>                    |                                |      |
| 51-8    | S20839001 | 1    | オサイクミ                              | PRESSER FOOT ASSEMBLY          |      |
| 51-8-1  | S19379001 | 1    | シデンネジ                              | SCREW                          |      |
| 51-8-2  | S21017001 | 1    | オサエネジ"リハ"ネ                         | TWIST SPRING                   |      |
| 51-8-3  | 148294001 | 1    | アナトメネジ"3.57クホ"ミ                    | SET SCREW 3.57                 |      |
| 51-8-4  | 062670712 | 1    | ナヘ"コ357-40X7                       | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサIBホシ"ヨイタ                         | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38                          | SCREW 2.38                     |      |
|         |           |      | <V92 / 75-6>                       |                                |      |
| 51-9    | S20845001 | 1    | オサイクミ                              | PRESSER FOOT ASSEMBLY          |      |
| 51-9-1  | S19346001 | 1    | シデンネジ                              | SCREW                          |      |
| 51-9-2  | S21017001 | 1    | オサエネジ"リハ"ネ                         | TWIST SPRING                   |      |
| 51-9-3  | 148294001 | 1    | アナトメネジ"3.57クホ"ミ                    | SET SCREW 3.57                 |      |
| 51-9-4  | 062670712 | 1    | ナヘ"コ357-40X7                       | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサIBホシ"ヨイタ                         | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38                          | SCREW 2.38                     |      |
|         |           |      | <V92/77-5,78-5>                    |                                |      |
| 51-10   | S19392001 | 1    | オサイクミ                              | PRESSER FOOT ASSEMBLY          |      |
| 51-10-1 | S19346001 | 1    | シデンネジ                              | SCREW                          |      |
| 51-10-2 | S21017001 | 1    | オサエネジ"リハ"ネ                         | TWIST SPRING                   |      |
| 51-10-3 | 148294001 | 1    | アナトメネジ"3.57クホ"ミ                    | SET SCREW 3.57                 |      |
| 51-10-4 | 062670712 | 1    | ナヘ"コ357-40X7                       | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサIBホシ"ヨイタ                         | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38                          | SCREW 2.38                     |      |
|         |           |      | <V92 / 77-6>                       |                                |      |
| 51-11   | S20847001 | 1    | オサイクミ                              | PRESSER FOOT ASSEMBLY          |      |
| 51-11-1 | S19346001 | 1    | シデンネジ                              | SCREW                          |      |
| 51-11-2 | S21017001 | 1    | オサエネジ"リハ"ネ                         | TWIST SPRING                   |      |
| 51-11-3 | 148294001 | 1    | アナトメネジ"3.57クホ"ミ                    | SET SCREW 3.57                 |      |
| 51-11-4 | 062670712 | 1    | ナヘ"コ357-40X7                       | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサIBホシ"ヨイタ                         | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38                          | SCREW 2.38                     |      |
|         |           |      | <V92/63-4 コマワリヨウ / FOR SMALL TYPE> |                                |      |
| 51-12   | S25090001 | 1    | オサイクミ                              | PRESSER FOOT ASSEMBLY          |      |
| 51-12-1 | S19346001 | 1    | シデンネジ                              | SCREW                          |      |
| 51-12-2 | S25092001 | 1    | オサエネジ"リハ"ネ                         | TWIST SPRING                   |      |
| 51-12-3 | 148294001 | 1    | アナトメネジ"3.57クホ"ミ                    | SET SCREW 3.57                 |      |
| 51-12-4 | 062670712 | 1    | ナヘ"コ357-40X7                       | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサIBホシ"ヨイタ                         | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38                          | SCREW 2.38                     |      |

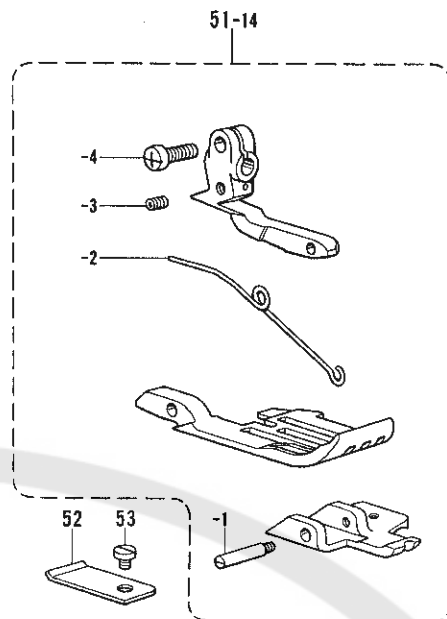
D. 押工関係/Presser foot mechanism/Stoffdrückerfuß/  
Mécanisme du pied presseur/Mecanismo del prensa telas

小回り用 /FOR SMALL TYPE

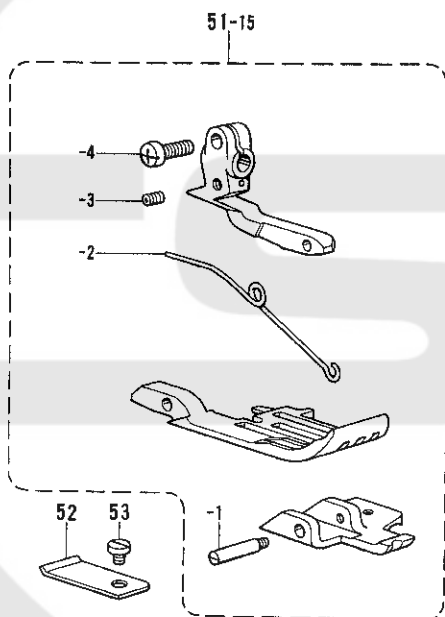
V92  
63-5



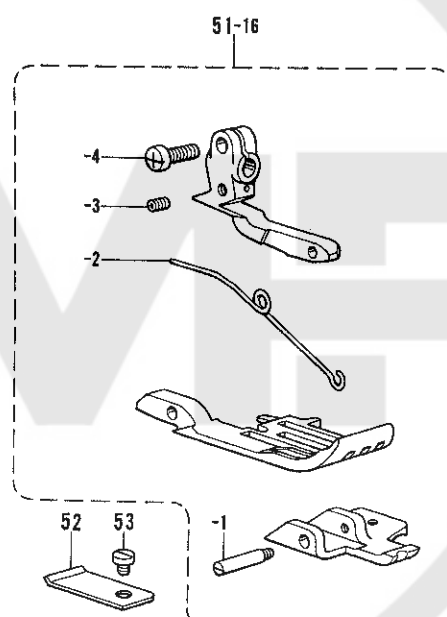
V92  
63-7



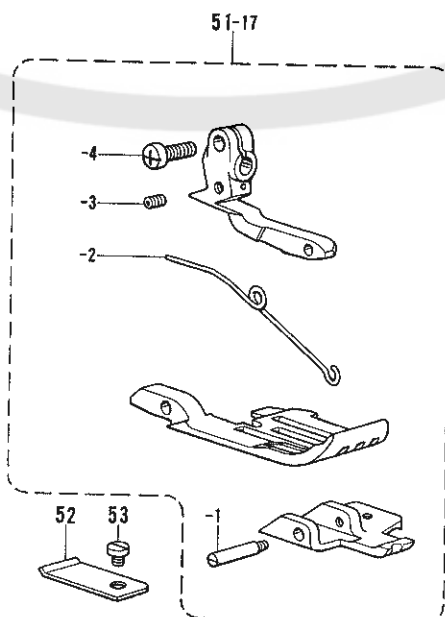
V92  
65-3



V92  
65-4

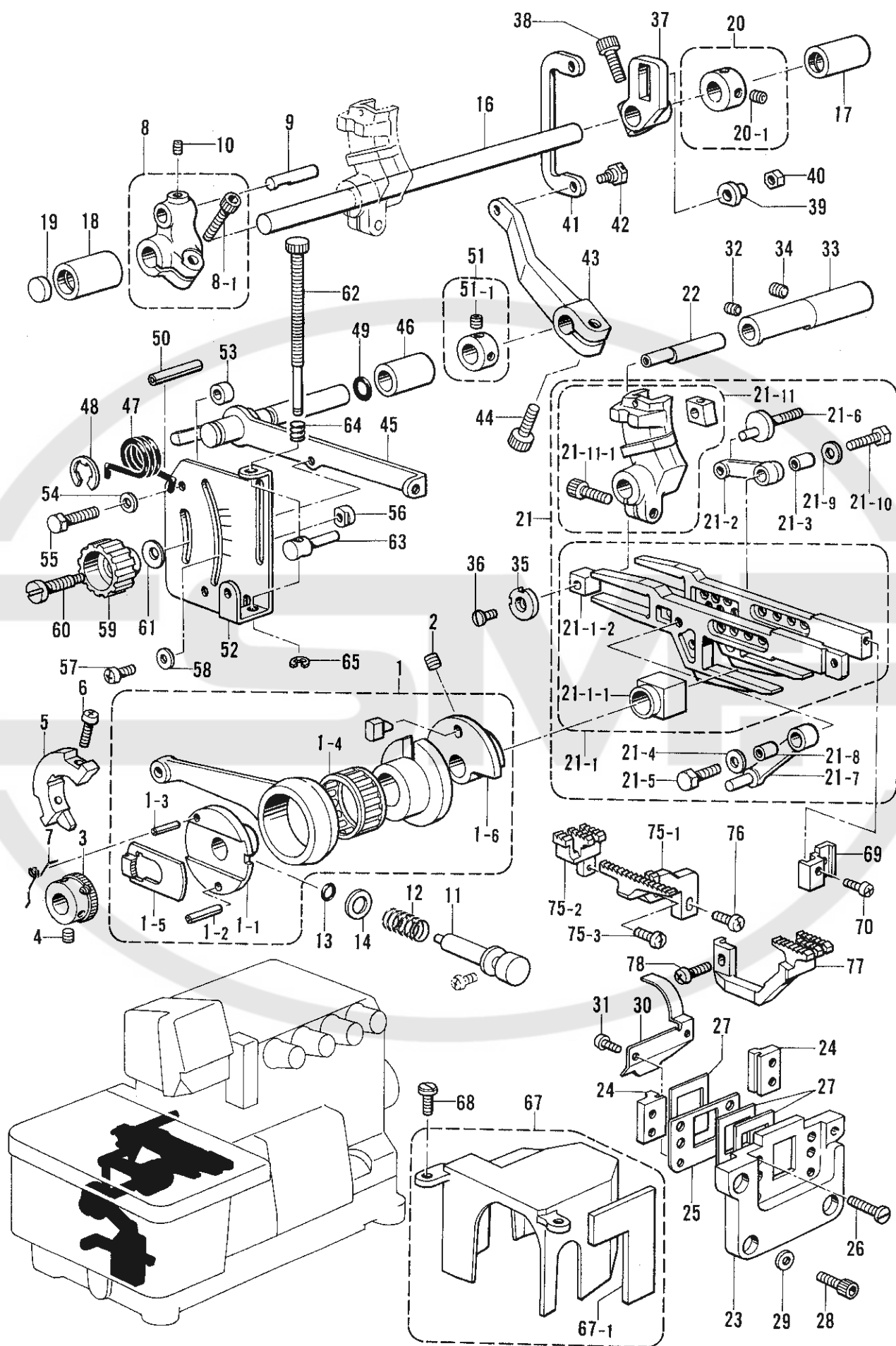


V92  
65-7



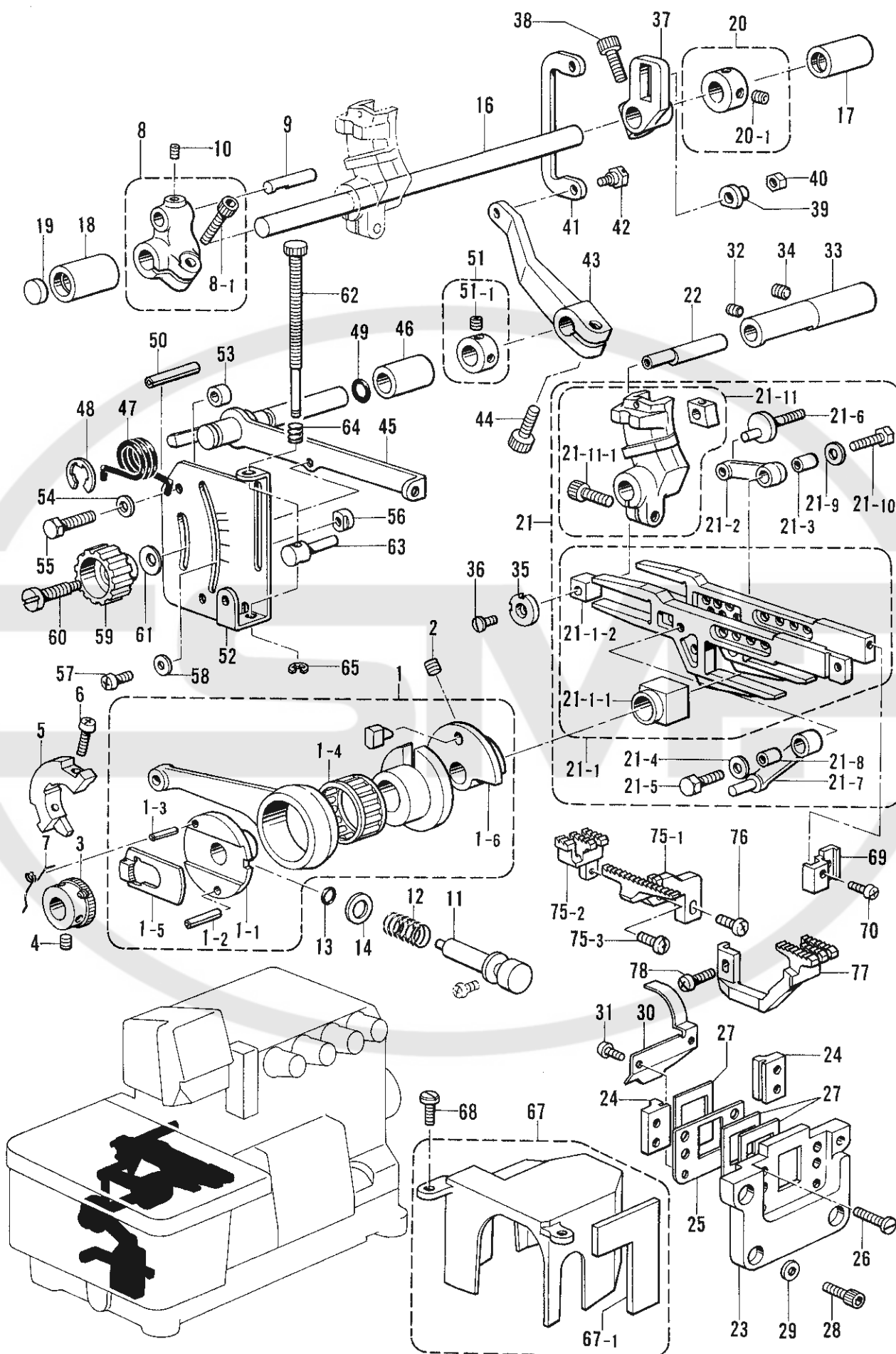
D. 押工関係/Presser foot mechanism/Stoffdrückerfuß/  
Mécanisme du pied presseur/Mecanismo del prensa telas

| REF.NO. | CODE      | Q'TY | 品名                                | NAME OF PARTS                  | RMKS |
|---------|-----------|------|-----------------------------------|--------------------------------|------|
|         |           |      | <V92/63-5 コマワリヨウ/>FOR SMALL TYPE> |                                |      |
| 51-13   | S25093001 | 1    | オサエクミ                             | PRESSER FOOT ASSEMBLY          |      |
| 51-13-1 | S19346001 | 1    | シデンネジ                             | SCREW                          |      |
| 51-13-2 | S25092001 | 1    | オサエネジ"リハ"ネ                        | TWIST SPRING                   |      |
| 51-13-3 | 148294001 | 1    | アナトメネジ"3.57クホ"ミ                   | SET SCREW 3.57                 |      |
| 51-13-4 | 062670712 | 1    | ナヘ"コ357-40X7                      | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサIBホシ"ヨイタ                        | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38                         | SCREW 2.38                     |      |
|         |           |      | <V92 / 63-7>                      |                                |      |
| 51-14   | S25846001 | 1    | オサエクミ                             | PRESSER FOOT ASSEMBLY          |      |
| 51-14-1 | S19379001 | 1    | シデンネジ                             | SCREW                          |      |
| 51-14-2 | S21017001 | 1    | オサエネジ"リハ"ネ                        | TWIST SPRING                   |      |
| 51-14-3 | 148294001 | 1    | アナトメネジ"3.57クホ"ミ                   | SET SCREW 3.57                 |      |
| 51-14-4 | 062670712 | 1    | ナヘ"コ357-40X7                      | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサIBホシ"ヨイタ                        | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38                         | SCREW 2.38                     |      |
|         |           |      | <V92 / 65-3>                      |                                |      |
| 51-15   | S25848001 | 1    | オサエクミ                             | PRESSER FOOT ASSEMBLY          |      |
| 51-15-1 | S19379001 | 1    | シデンネジ                             | SCREW                          |      |
| 51-15-2 | S21017001 | 1    | オサエネジ"リハ"ネ                        | TWIST SPRING                   |      |
| 51-15-3 | 148294001 | 1    | アナトメネジ"3.57クホ"ミ                   | SET SCREW 3.57                 |      |
| 51-15-4 | 062670712 | 1    | ナヘ"コ357-40X7                      | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサIBホシ"ヨイタ                        | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38                         | SCREW 2.38                     |      |
|         |           |      | <V92 / 65-4>                      |                                |      |
| 51-16   | S25850001 | 1    | オサエクミ                             | PRESSER FOOT ASSEMBLY          |      |
| 51-16-1 | S19379001 | 1    | シデンネジ                             | SCREW                          |      |
| 51-16-2 | S21017001 | 1    | オサエネジ"リハ"ネ                        | TWIST SPRING                   |      |
| 51-16-3 | 148294001 | 1    | アナトメネジ"3.57クホ"ミ                   | SET SCREW 3.57                 |      |
| 51-16-4 | 062670712 | 1    | ナヘ"コ357-40X7                      | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサIBホシ"ヨイタ                        | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38                         | SCREW 2.38                     |      |
|         |           |      | <V92 / 65-7>                      |                                |      |
| 51-17   | S25852001 | 1    | オサエクミ                             | PRESSER FOOT ASSEMBLY          |      |
| 51-17-1 | S19379001 | 1    | シデンネジ                             | SCREW                          |      |
| 51-17-2 | S21017001 | 1    | オサエネジ"リハ"ネ                        | TWIST SPRING                   |      |
| 51-17-3 | 148294001 | 1    | アナトメネジ"3.57クホ"ミ                   | SET SCREW 3.57                 |      |
| 51-17-4 | 062670712 | 1    | ナヘ"コ357-40X7                      | SCREW 357X7                    |      |
| 52      | S19535001 | 1    | オサIBホシ"ヨイタ                        | PRESSER FOOT (B) SUPPORT PLATE |      |
| 53      | 140530002 | 1    | シメネジ"2.38                         | SCREW 2.38                     |      |



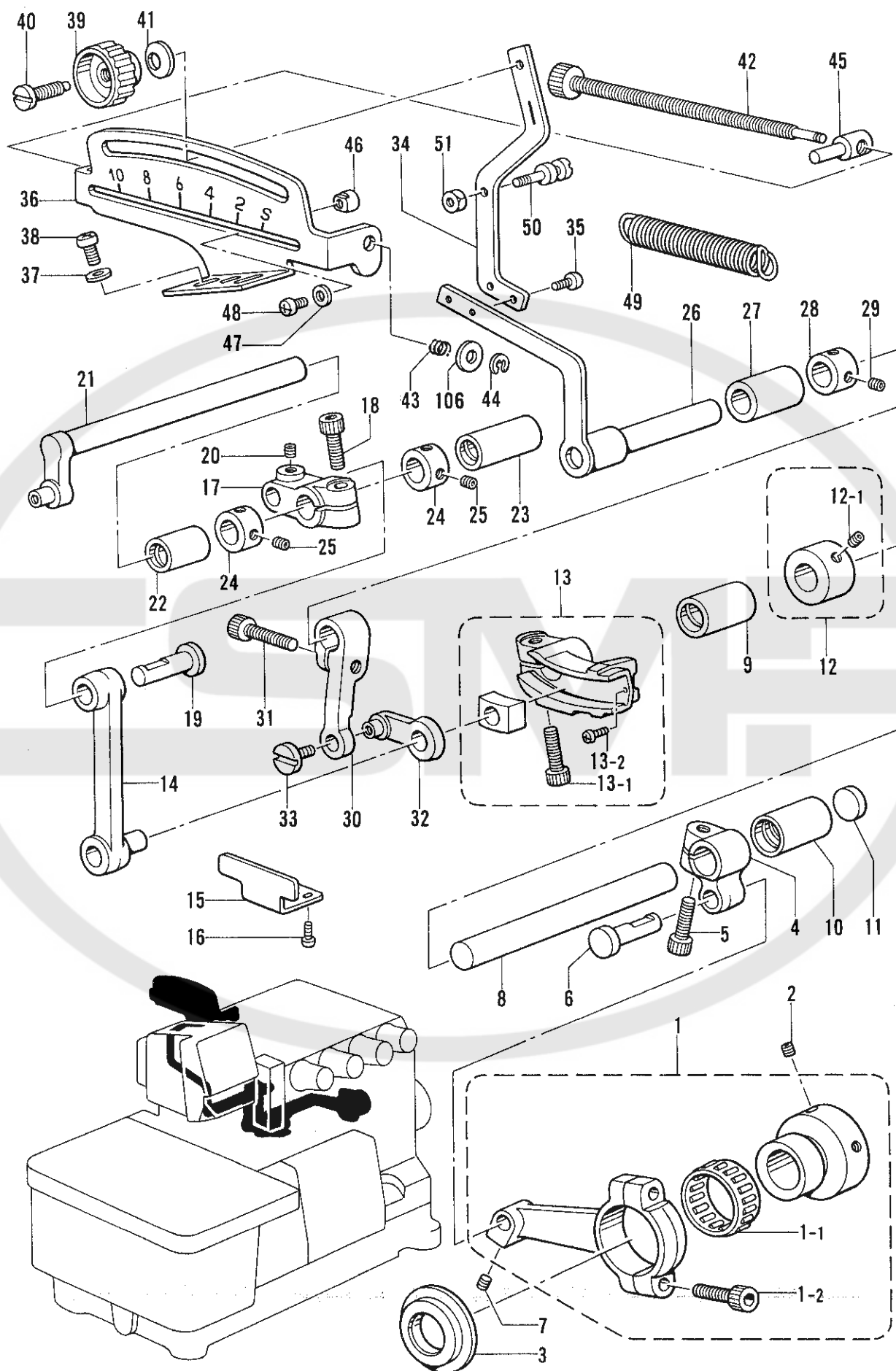
E. 送り関係/Feed mechanism/Transportvorrichtung/  
Mécanisme de l'entraînement/Mecanismo de la alimentación

| REF.NO. | CODE      | Q'TY | ヒンメイ            | NAME OF PARTS                    | RMKS |
|---------|-----------|------|-----------------|----------------------------------|------|
| 1       | S20496001 | 1    | ヘンシンリンクミ        | ECCENTRIC WHEEL ASSEMBLY         |      |
| 1-1     | S20498001 | 1    | チョウセツヘンシンリン     | ADJUST ECCENTRIC WHEEL           |      |
| 1-2     | 047301242 | 1    | スプリング"ピン"AW3    | SPRING PIN AW3                   |      |
| 1-3     | 047250842 | 1    | スプリング"ピン"AW2.5  | SPRING PIN AW2.5                 |      |
| 1-4     | S20500001 | 1    | ニート"ルシ"クウケ24    | NEEDLE ROLLER BEARING 24         |      |
| 1-4     | S20500002 | 1    | ニート"ルシ"クウケ24    | NEEDLE ROLLER BEARING 24         |      |
| 1-4     | S20500003 | 1    | ニート"ルシ"クウケ24    | NEEDLE ROLLER BEARING 24         |      |
| 1-5     | S20501001 | 1    | ラチェットストッパ       | RATCHET STOPPER                  |      |
| 1-6     | S23627000 | 1    | ヘンシンガ"イト"ササエ    | ECCENTRIC GUIDE SUPPORT          |      |
| 2       | 012060636 | 2    | アナヒラ6X6         | SET SCREW 6X6                    |      |
| 3       | S20507001 | 1    | ラチェット           | RATCHET                          |      |
| 4       | 012060636 | 2    | アナヒラ6X6         | SET SCREW 6X6                    |      |
| 5       | S23615001 | 1    | ハ"ランスウエイト       | BALANCE WEIGHT                   |      |
| 6       | 062401016 | 2    | ナヘ"コ4X10        | SCREW 4X10                       |      |
| 7       | S23458001 | 1    | ラチェットトメネジ"リハ"ネ  | TWIST SPRING                     |      |
| 8       | S20739001 | 1    | オクリウデ"クミ        | FEED ARM ASSEMBLY                |      |
| 8-1     | S20175001 | 1    | アナボ"ルト6X16ホソメ   | BOLT 6X16                        |      |
| 9       | S23347001 | 1    | オクリウデ"シ"ク       | FEED ARM SHAFT                   |      |
| 10      | 012060636 | 1    | アナヒラ6X6         | SET SCREW 6X6                    |      |
| 11      | S20508001 | 1    | オクリチヨウセツホ"タンシ"ク | FEED ADJUST SHAFT                |      |
| 12      | S20509001 | 1    | ホ"タンシ"クハ"ネ      | SPRING                           |      |
| 13      | 081007670 | 1    | Oリング"PW7        | O RING PW7                       |      |
| 14      | S21003001 | 1    | サ"カ"ネ9.6        | WASHER 9.6                       |      |
| 16      | S20512001 | 1    | オクリシ"ク          | FEED SHAFT                       |      |
| 17      | S20513000 | 1    | メタル11.11-16     | BUSH 11.11-16                    |      |
| 18      | S23797000 | 1    | オクリシ"クメタルL      | FEED SHAFT BUSH (L)              |      |
| 19      | S20164009 | 1    | メクラセン           | OIL CAP                          |      |
| 20      | S23619001 | 1    | セツトカラークミ        | SET COLLAR ASSEMBLY              |      |
| 20-1    | 012060636 | 2    | アナヒラ6X6         | SET SCREW 6X6                    |      |
| 21      | S20829001 | 1    | オクリタ"イソウクミ      | FEED BAR SET                     |      |
| 21-1    | S20515001 | 1    | オクリタ"イカクゴ"マクミ   | FEED BAR SLIDE BLOCK ASSEMBLY    |      |
| 21-1-1  | S20519001 | 1    | シ"ョウケ"オクリカクゴ"マ  | FEED LIFTING SLIDE BLOCK         | ※    |
| 21-1-2  | S20520000 | 1    | オクリタ"イカクゴ"マ     | FEED BAR SLIDE BLOCK             | ※    |
| 21-2    | S20534001 | 1    | シュオクリリンク        | MAIN FEED LINK                   |      |
| 21-3    | S20535001 | 1    | リンクフ"ツシュ        | LINK BUSH                        |      |
| 21-4    | S23359001 | 1    | サ"カ"ネ           | WASHER                           |      |
| 21-5    | S23360001 | 1    | ボ"ルト5X15        | BOLT 5X15                        |      |
| 21-6    | S20532001 | 1    | シュオクリシ"ク        | MAIN FEED SHAFT                  |      |
| 21-7    | S20541001 | 1    | サト"ウオクリリンク      | DIFFERENTIAL FEED LINK           |      |
| 21-8    | S20535001 | 1    | リンクフ"ツシュ        | LINK BUSH                        |      |
| 21-9    | S23359001 | 1    | サ"カ"ネ           | WASHER                           |      |
| 21-10   | S23360001 | 1    | ボ"ルト5X15        | BOLT 5X15                        |      |
| 21-11   | S20536001 | 1    | サト"ウオクリウデ"コマクミ  | DIFFERENTIAL FEED ARM ASSEMBLY   |      |
| 21-11-1 | S20175001 | 1    | アナボ"ルト6X16ホソメ   | BOLT 6X16                        |      |
| 22      | S20528001 | 1    | オクリタ"イカクゴ"マジ"ク  | FEED BAR SLIDE BLOCK SHAFT       |      |
| 23      | S20523000 | 1    | オクリタ"イアンナイササエ   | FEED BAR GUIDE SUPPORT           |      |
| 24      | S20524000 | 2    | オクリタ"イアンナイ      | FEED BAR GUIDE                   |      |
| 25      | S20525001 | 1    | ホ"ウシ"ンイタササエ     | FRAGMENT PROTECTOR PLATE SUPPORT |      |
| 26      | S20740001 | 4    | シメネジ"4X10シール    | SCREW 4X10 SEAL                  |      |
| 27      | S20526000 | 3    | ホ"ウシ"ンイタ        | FRAGMENT PROTECTOR PLATE         |      |
| 28      | 018400836 | 4    | アナボ"ルト4X8       | BOLT 4X8                         |      |
| 29      | 025040132 | 4    | ヒラサ"ガ"ネシヨウ4     | PLAIN WASHER 4                   |      |
| 30      | S20527001 | 1    | アブ"ラキリイタ        | OIL REJECTOR PLATE               |      |
| 31      | S23453001 | 2    | ナヘ"コ3X5シール      | SCREW 3X5 SEAL                   |      |
| 32      | 012400436 | 1    | アナヒラ4X4         | SET SCREW 4X4                    |      |
| 33      | S20529001 | 1    | カクゴ"マジ"クメタル     | SLIDE BLOCK SHAFT BUSH           |      |
| 34      | 012060636 | 1    | アナヒラ6X6         | SET SCREW 6X6                    |      |
| 35      | S20530001 | 1    | サ"カ"ネ           | WASHER                           |      |
| 36      | 061350616 | 1    | サラ"コ35X6        | SCREW 35X6                       |      |
| 37      | S20531001 | 1    | シュオクリウデ"        | MAIN FEED ARM                    |      |
| 38      | S20175001 | 1    | アナボ"ルト6X16ホソメ   | BOLT 6X16                        |      |
| 39      | S20533001 | 1    | シュオクリシ"クカラ      | MAIN FEED SHAFT COLLAR           |      |



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

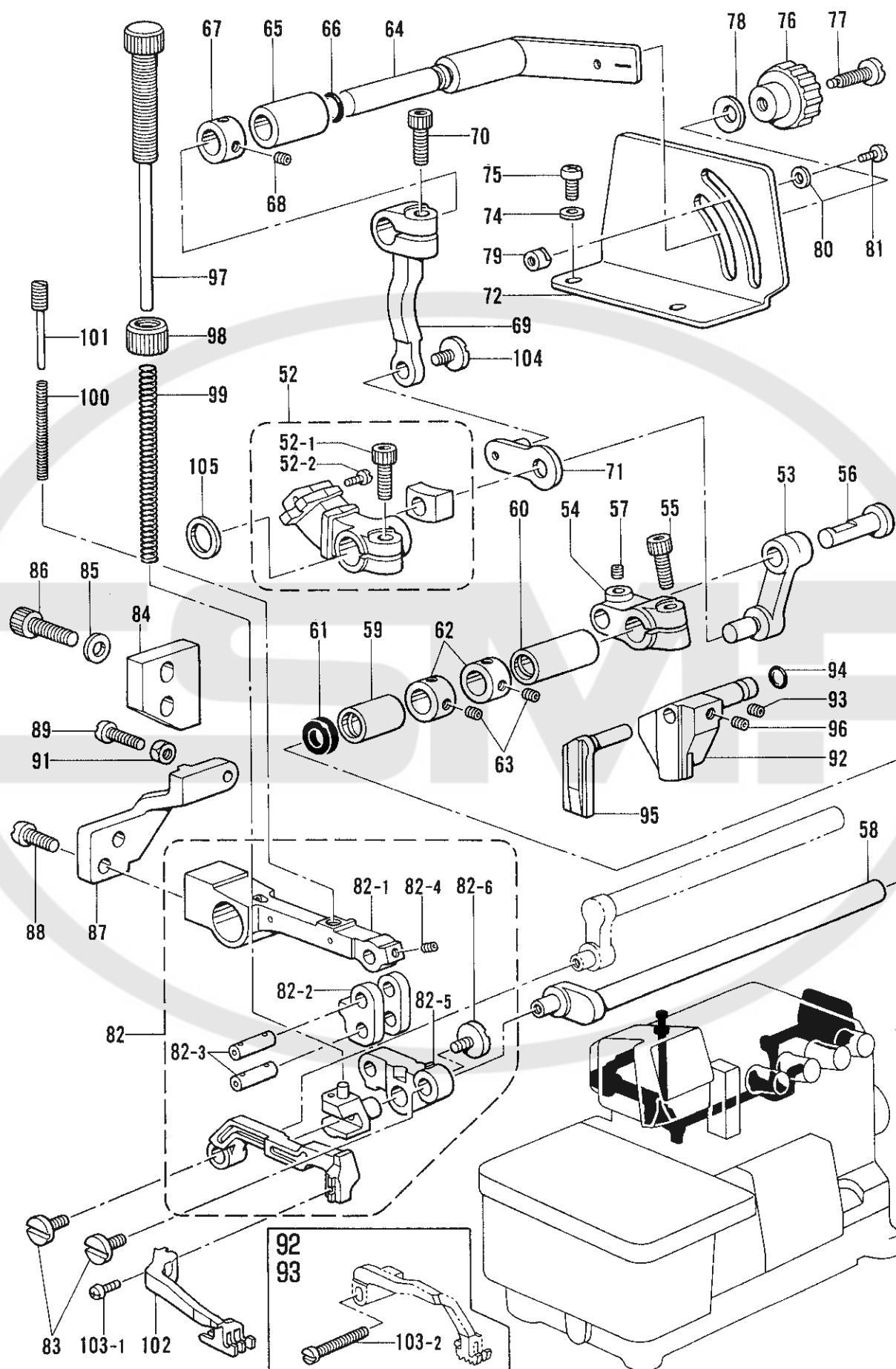
| REF.NO. | CODE      | Q'TY | ヒンメイ            | NAME OF PARTS                     | RMKS |
|---------|-----------|------|-----------------|-----------------------------------|------|
| 40      | 021500316 | 1    | 3シユナツト5         | NUT 5                             |      |
| 41      | S20542001 | 1    | サト"ウチヨウセツリンク    | DIFFERENTIAL FEED ADJUST LINK     |      |
| 42      | S20543001 | 1    | タ"ンネシ"5         | STUD SCREW 5                      |      |
| 43      | S20544000 | 1    | サト"ウリンクレハ"ー     | DIFFERENTIAL LINK LEVER           |      |
| 44      | 018061436 | 1    | アナボ"ルト6X14      | BOLT 6X14                         |      |
| 45      | S20545001 | 1    | サト"ウチヨウセツレハ"ー   | DIFFERENTIAL FEED ADJUST LEVER    |      |
| 46      | S20546001 | 1    | チヨウセツレハ"ーメタル    | FEED ADJUST LEVER BUSH            |      |
| 47      | S20547001 | 1    | レハ"ーハ"ネ         | SPRING                            |      |
| 48      | 048090342 | 1    | トメフE9           | STOP RING E9                      |      |
| 49      | 081005670 | 1    | Oリング"PW5        | O RING PW5                        |      |
| 50      | 047502242 | 1    | スプリング"ピンAW5     | SPRING PIN AW5                    |      |
| 51      | S23612001 | 1    | セツトカラークミ        | SET COLLAR ASSEMBLY               |      |
| 51-1    | 012060636 | 2    | アナヒラ6X6         | SET SCREW 6X6                     |      |
| 52      | S20554001 | 1    | サト"ウリヨウメモリイタ    | DIFFERENTIAL STITCH CONTROL PLATE |      |
| 53      | S20548001 | 2    | カラー             | COLLAR                            |      |
| 54      | 025060232 | 2    | ヒラサ"カ"ネチユウ6     | PLAIN WASHER 6                    |      |
| 55      | 017061616 | 2    | ボ"ルト6X16        | BOLT 6X16                         |      |
| 56      | S25818001 | 2    | チヨウセツレハ"ーストツハ°  | STOPPER FOR ADJUST LEVERS         |      |
| 57      | 062350616 | 2    | ナヘ"コM3.5X6      | SCREW M3.5X6                      |      |
| 58      | 105161004 | 2    | サ"カ"ネ           | WASHER                            |      |
| 59      | S20549001 | 1    | セツトネジ"ツマミ       | SET SCREW KNOB                    |      |
| 60      | S20550001 | 1    | セツトネジ"          | SET SCREW                         |      |
| 61      | S20560001 | 1    | サラハ"ネサ"カ"ネ      | SPRING WASHER                     |      |
| 62      | S20561001 | 1    | マイクロチヨウセツネジ"    | MICRO ADJUST SCREW                |      |
| 63      | S20165001 | 1    | マイクロチヨウセツストツハ°  | MICRO ADJUST STOPPER              |      |
| 64      | S29094001 | 1    | マイクロチヨウセツネジ"ハ"ネ | SPRING                            |      |
| 65      | 048040342 | 1    | トメフE4           | STOP RING E4                      |      |
| 67      | S21091000 | 1    | ヘンジンリンカハ"ークミ    | ECCENTRIC WHEEL COVER ASSEMBLY    |      |
| 67-1    | S21092000 | 1    | カハ"ースホ"ンジ"      | COVER SPONGE                      |      |
| 68      | S23616001 | 2    | シメネジ"4X10       | SCREW 4X10                        |      |
| 69      | S23628001 | 1    | シユオクリハ"トリツケダ"イ  | MAIN FEED DOG SET BRACKET         |      |
| 70      | 062350816 | 1    | ナヘ"コ3.5X8       | SCREW 3.5X8                       |      |
| 75      | *         | 1    | シユオクリハ"クミ       | MAIN FEED DOG ASSEMBLY            |      |
| 75-1    | *         | 1    | シユオクリハ"         | MAIN FEED DOG                     |      |
| 75-2    | *         | 1    | ホジ"ヨオクリハ"       | CHAIN FEED DOG                    |      |
| 75-3    | 060630712 | 1    | ハ"イント"238-56X7  | SCREW 238X7                       |      |
| 76      | 062350816 | 1    | ナヘ"コ3.5X8       | SCREW 3.5X8                       |      |
| 77      | *         | 1    | サト"ウオクリハ"       | DIFFERENTIAL FEED DOG             |      |
| 78      | 062350816 | 1    | ナヘ"コ3.5X8       | SCREW 3.5X8                       |      |



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

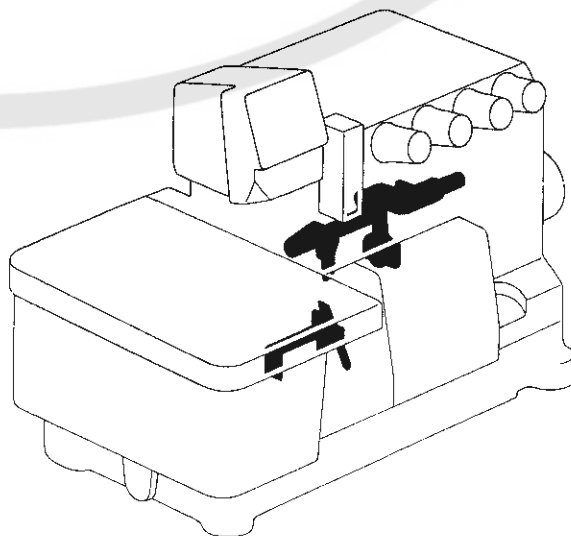
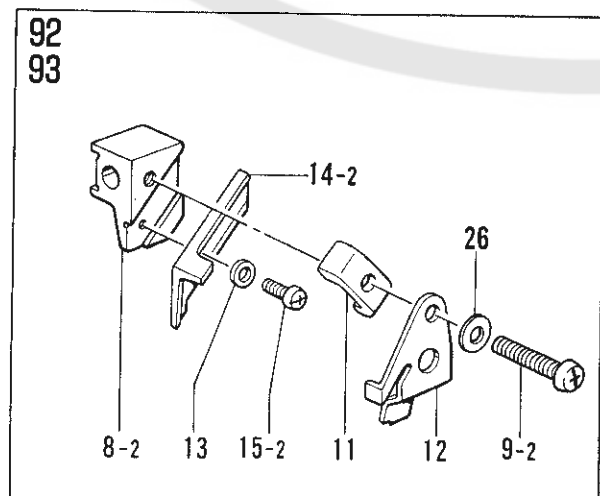
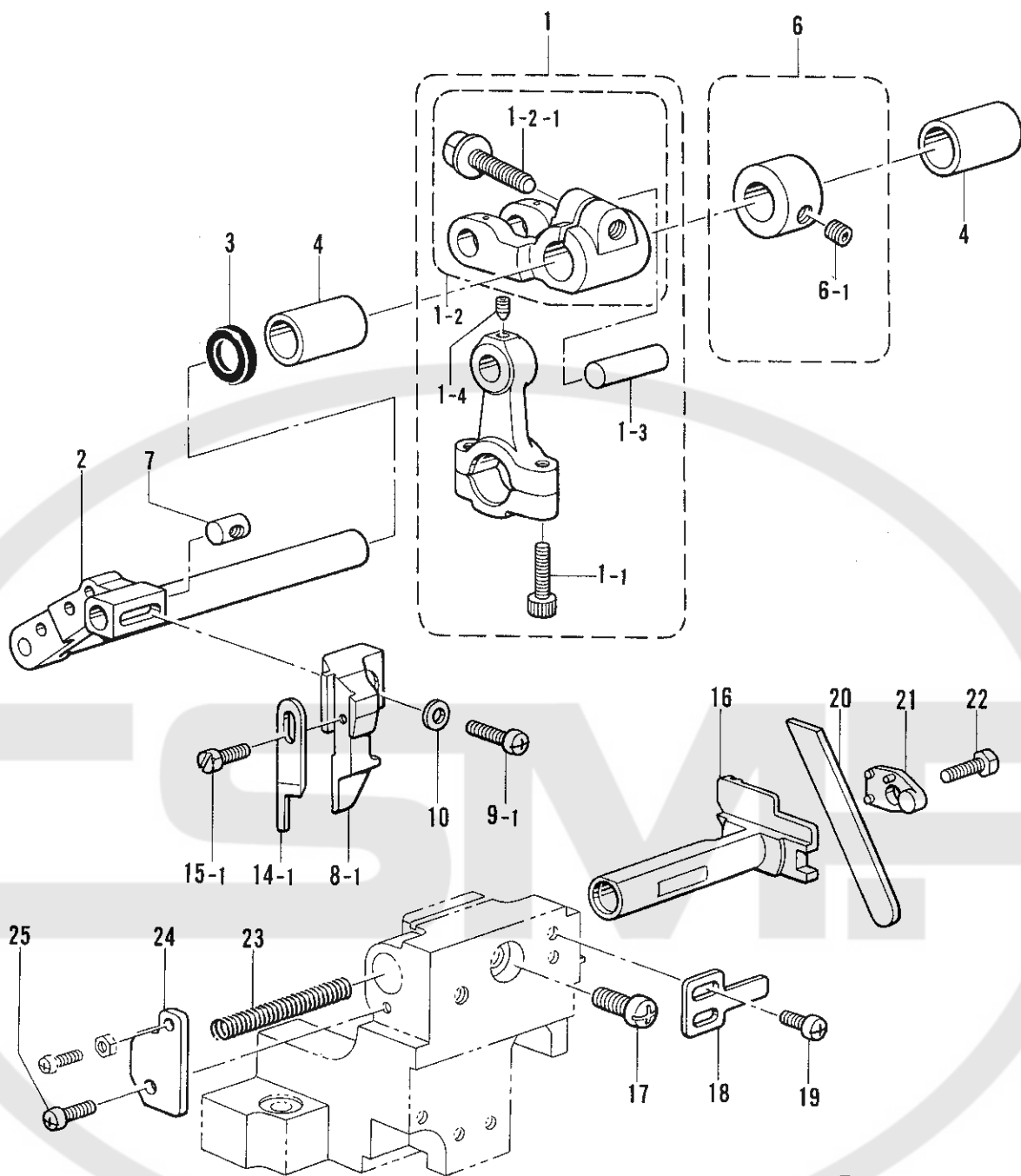
| REF.NO. | CODE      | Q'TY | 品名              | NAME OF PARTS                        | RMKS |
|---------|-----------|------|-----------------|--------------------------------------|------|
| 1       | S20139001 | 1    | スイヘイオクリンシンリンクミ  | LEVEL FEED ECCENTRIC WHEEL ASSEMBLY  |      |
| 1-1     | S20500001 | 1    | ニードルシ"クウケ24     | NEEDLE ROLLER BEARING 24             |      |
| 1-1     | S20500002 | 1    | ニードルシ"クウケ24     | NEEDLE ROLLER BEARING 24             |      |
| 1-1     | S20500003 | 1    | ニードルシ"クウケ24     | NEEDLE ROLLER BEARING 24             |      |
| 1-2     | 018401622 | 2    | アナボ"ルト4X16      | BOLT 4X16                            |      |
| 2       | 012060636 | 2    | アナヒラ6X6         | SET SCREW 6X6                        |      |
| 3       | S20144000 | 1    | オクリロツト"ササエ      | FEED ROD SUPPORT                     |      |
| 4       | S20145001 | 1    | オクリウデ"          | FEED ARM                             |      |
| 5       | S20175001 | 1    | アナボ"ルト6X16ホソメ   | BOLT 6X16                            |      |
| 6       | 146532001 | 1    | オクリロツト"ピン       | PIN                                  |      |
| 7       | 012060636 | 1    | アナヒラ6X6         | SET SCREW 6X6                        |      |
| 8       | S20146001 | 1    | オクリシ"ク          | FEED SHAFT                           |      |
| 9       | S20513000 | 1    | メタル11.11-16     | BUSH 11.11-16                        |      |
| 10      | S23797000 | 1    | オクリシ"クメタルL      | FEED SHAFT BUSH (L)                  |      |
| 11      | S20164009 | 1    | メクラゼン           | OIL CAP                              |      |
| 12      | S23619001 | 1    | セツトカラー"クミ       | SET COLLAR ASSEMBLY                  |      |
| 12-1    | 012060636 | 2    | アナヒラ6X6         | SET SCREW 6X6                        |      |
| 13      | S20147001 | 1    | スイヘイチヨウセツウテコマクミ | LEVEL FEED ADJUST ARM BLOCK ASSEMBLY |      |
| 13-1    | S20175001 | 1    | アナボ"ルト6X16ホソメ   | BOLT 6X16                            |      |
| 13-2    | S20158001 | 2    | ナヘ"コ25X3        | SCREW 25X3                           |      |
| 14      | S20152001 | 1    | スイヘイオクリリンク      | FFED ROCK LINK                       |      |
| 15      | S20151001 | 1    | スイヘイオクリリンクオサエ   | FEED ROCK LINK SUPPORT               |      |
| 16      | 062300516 | 2    | ナヘ"コ3X5         | SCREW 3X5                            |      |
| 17      | S20153001 | 1    | オクリウデ"          | FEED ARM                             |      |
| 18      | S20175001 | 1    | アナボ"ルト6X16ホソメ   | BOLT 6X16                            |      |
| 19      | 146532001 | 1    | オクリロツト"ピン       | PIN                                  |      |
| 20      | 012060636 | 1    | アナヒラ6X6         | SET SCREW 6X6                        |      |
| 21      | S20154001 | 1    | スイヘイクラシク"ク      | LEVEL FEED CRANK SHAFT               |      |
| 22      | S20155000 | 1    | クラシク"クメタルL      | CRANK SHAFT BUSH (L)                 |      |
| 23      | S20156000 | 1    | クラシク"クメタルR      | CRANK SHAFT BUSH (R)                 |      |
| 24      | S20197001 | 2    | セツトカラー          | SET COLLAR                           |      |
| 25      | 012400436 | 4    | アナヒラ4X4         | SET SCREW 4X4                        |      |
| 26      | S20157001 | 1    | スイヘイチヨウセツレハ"シ"ク | LEVEL FEED ADJUST LEVER SHAFT        |      |
| 27      | S20546001 | 1    | チヨウセツレハ"ーメタル    | FEED ADJUST LEVER BUSH               |      |
| 28      | S20197001 | 1    | セツトカラー          | SET COLLAR                           |      |
| 29      | 012400436 | 2    | アナヒラ4X4         | SET SCREW 4X4                        |      |
| 30      | S20159001 | 1    | スイヘイチヨウセツレハ"ー   | LEVEL FEED ADJUST LEVER              |      |
| 31      | 018061636 | 1    | アナボ"ルト6X16      | BOLT 6X16                            |      |
| 32      | S20160001 | 1    | オクリチヨウセツリンク     | FEED ADJUST LINK                     |      |
| 33      | S20189001 | 1    | シメネシ"3.5        | SCREW 3.5                            |      |
| 34      | S20161001 | 1    | オクリチヨウセツイタ      | FEED ADJUST PLATE                    |      |
| 35      | 062350616 | 2    | ナヘ"コM3.5X6      | SCREW M3.5X6                         |      |
| 36      | S20162001 | 1    | スイヘイメモリイタ       | LEVEL FEED LENGTH CONTROL PLATE      |      |
| 37      | 025060236 | 2    | ヒラサ"カ"ネチユウ6     | PLAIN WASHER 6                       |      |
| 38      | 062060816 | 2    | ナヘ"コ6X8         | SCREW 6X8                            |      |
| 39      | S20549001 | 1    | セツトネジ"ツマミ       | SET SCREW KNOB                       |      |
| 40      | S20550001 | 1    | セツトネジ"          | SET SCREW                            |      |
| 41      | S20560001 | 1    | サラハ"ネサ"カ"ネ      | SPRING WASHER                        |      |
| 42      | S20163001 | 1    | マイクロチヨウセツネジ"    | MICRO ADJUST SCREW                   |      |
| 43      | S29132001 | 1    | マイクロチヨウセツハ"ネ    | MICRO ADJUST SPRING                  |      |
| 44      | 048040342 | 1    | トメフE4           | STOP RING E4                         |      |
| 45      | S20165001 | 1    | マイクロチヨウセツストツハ"  | MICRO ADJUST STOPPER                 |      |
| 46      | S25818001 | 1    | チヨウセツレハ"ーストツハ"  | STOPPER FOR ADJUST LEVER             |      |
| 47      | 105161004 | 1    | サ"カ"ネ           | WASHER                               |      |
| 48      | 062350616 | 1    | ナヘ"コM3.5X6      | SCREW M3.5X6                         |      |
| 49      | 151951001 | 1    | クト"ーレハ"ーヒキハ"ネ   | SPRING                               |      |
| 50      | S20184001 | 1    | ハ"ネカケ           | SPRING HOOK                          |      |
| 51      | 021350206 | 1    | 2シユナツト35        | NUT 35                               |      |
| 106     | 025710132 | 1    | ヒラサ"カ"ネチユウ4.76  | PLAIN WASHER 4.76                    |      |

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



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

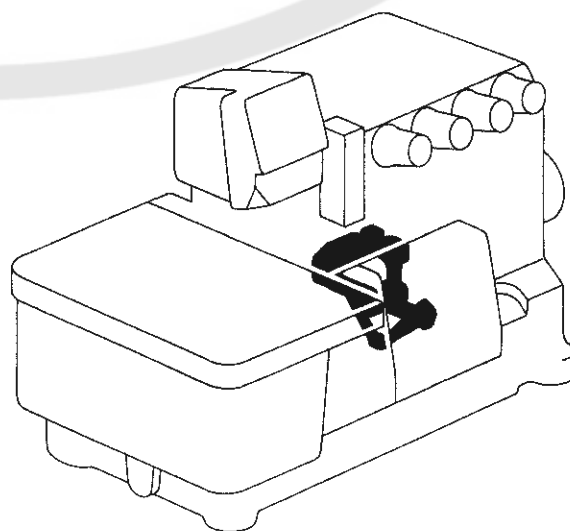
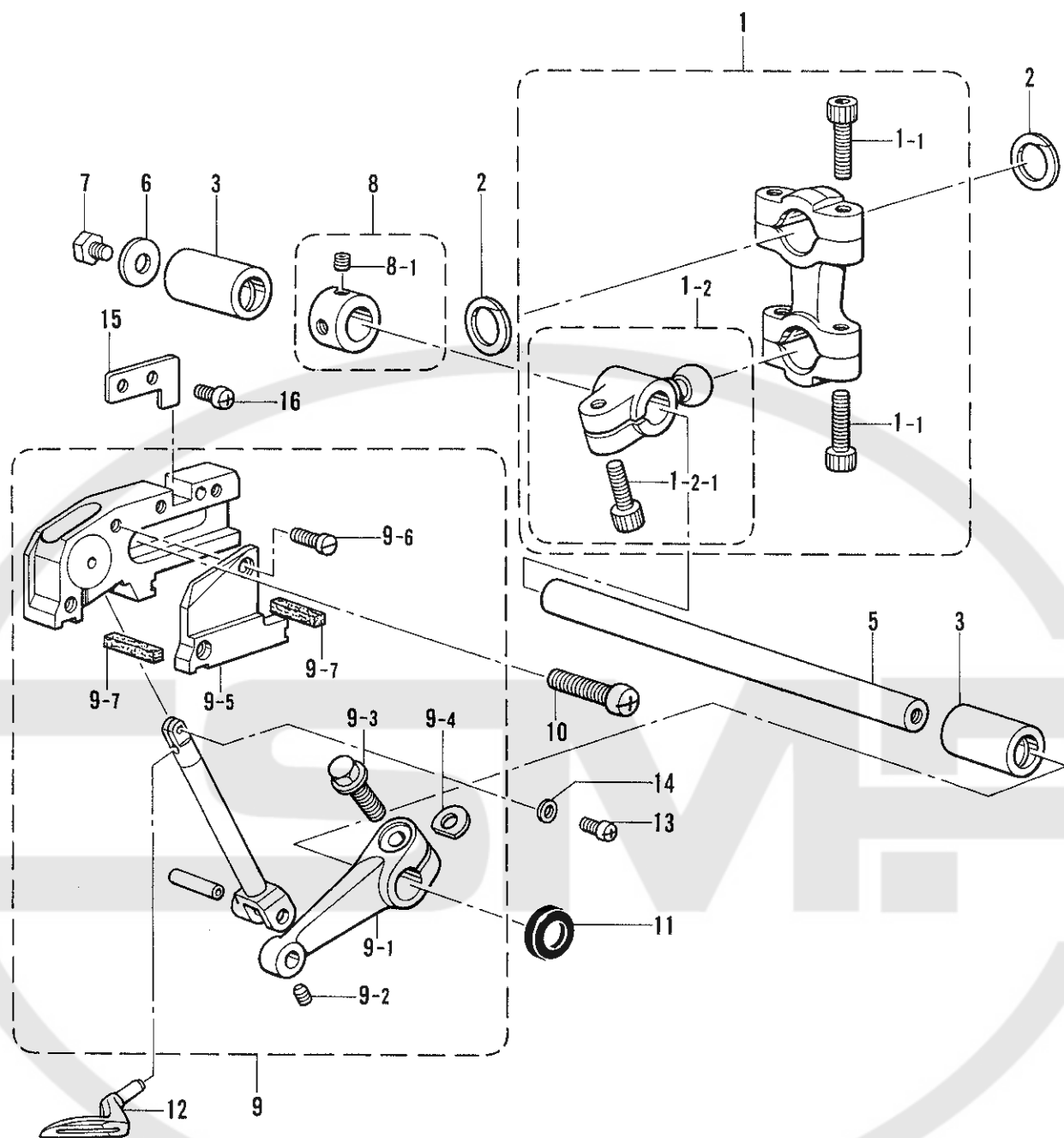
| REF.NO. | CODE      | Q'TY | ヒンメイ            | NAME OF PARTS                           | RMKS |
|---------|-----------|------|-----------------|-----------------------------------------|------|
| 52      | S20168001 | 1    | チヨウセツウデ"コマクミ    | VERTICAL FEED ADJUST ARM BLOCK ASSEMBLY |      |
| 52-1    | S20175001 | 1    | アナホ"ルト6X16ホソメ   | BOLT 6X16                               |      |
| 52-2    | S20158001 | 2    | ナヘ"コ25X3        | SCREW 25X3                              |      |
| 53      | S20172001 | 1    | シ"ヨウケ"オクリリンク    | FEED LIFTING LINK                       |      |
| 54      | S20153001 | 1    | オクリウデ"          | FEED ARM                                |      |
| 55      | S20175001 | 1    | アナホ"ルト6X16ホソメ   | BOLT 6X16                               |      |
| 56      | 146532001 | 1    | オクリロツト"ピン       | PIN                                     |      |
| 57      | 012060636 | 1    | アナヒラ6X6         | SET SCREW 6X6                           |      |
| 58      | S20174001 | 1    | シ"ヨウケ"クランクシ"ク   | VERTICAL FEED CRANK SHAFT               |      |
| 59      | S20155000 | 1    | クランクシ"クメタルL     | CRANK SHAFT BUSH (L)                    |      |
| 60      | S20156000 | 1    | クランクシ"クメタルR     | CRANK SHAFT BUSH (R)                    |      |
| 61      | 155539000 | 1    | ダ"ストシール         | DUST SEAL                               |      |
| 62      | S20197001 | 2    | セツトカラー          | SET COLLAR                              |      |
| 63      | 012400436 | 4    | アナヒラ4X4         | SET SCREW 4X4                           |      |
| 64      | S20176001 | 1    | ULチヨウセツレハ"ーシ"ク  | ADJUST LEVER SHAFT (UL)                 |      |
| 65      | S20546001 | 1    | チヨウセツレハ"ーメタル    | FEED ADJUST LEVER BUSH                  |      |
| 66      | 081005670 | 1    | Oリング"PW5        | O RING PW5                              |      |
| 67      | S20197001 | 1    | セツトカラー          | SET COLLAR                              |      |
| 68      | 012400436 | 2    | アナヒラ4X4         | SET SCREW 4X4                           |      |
| 69      | S20177001 | 1    | シ"ヨウケ"チヨウセツレハ"ー | VERTICAL FEED ADJUST LEVER              |      |
| 70      | 018061636 | 1    | アナホ"ルト6X16      | BOLT 6X16                               |      |
| 71      | S20160001 | 1    | オクリチヨウセツリンク     | FEED ADJUST LINK                        |      |
| 72      | S20179001 | 1    | シ"ヨウケ"メモリイタ     | VERTICAL FEED LENGTH CONTROL PLATE      |      |
| 74      | 102707002 | 2    | サ"カ"ネ           | WASHER                                  |      |
| 75      | 062400816 | 2    | ナヘ"コ4X8         | SCREW 4X8                               |      |
| 76      | S20549001 | 1    | セツトネジ"ツマミ       | SET SCREW KNOB                          |      |
| 77      | S20550001 | 1    | セツトネジ"          | SET SCREW                               |      |
| 78      | S20560001 | 1    | サラハ"ネサ"カ"ネ      | SPRING WASHER                           |      |
| 79      | S25818001 | 2    | チヨウセツレハ"ーストツハ"  | STOPPER FOR ADJUST LEVER                |      |
| 80      | 105161004 | 2    | サ"カ"ネ           | WASHER                                  |      |
| 81      | 062350616 | 2    | ナヘ"コM3.5X6      | SCREW M3.5X6                            |      |
| 82      | S20181001 | 1    | ウフオクリタ"イクミ      | UPPER FEED BAR ASSEMBLY                 |      |
| 82-1    | S20182001 | 1    | ウフオクリササエタ"イ     | UPPER FEED SUPPORT BAR                  |      |
| 82-2    | S20186001 | 1    | ウフオクリリンク        | UPPER FEED LINK                         | ※    |
| 82-3    | S20187001 | 2    | ウフオクリリンクシ"ク     | UPPER FEED LINK SHAFT                   | ※    |
| 82-4    | 012400436 | 2    | アナヒラ4X4         | SET SCREW 4X4                           |      |
| 82-5    | S20188001 | 1    | ウフオクリタ"イアンナイスサエ | UPPER FEED BAR GUIDE SUPPORT            | ※    |
| 82-6    | S20191001 | 1    | シメネジ"4          | SCREW 4                                 |      |
| 83      | S20189001 | 2    | シメネジ"3.5        | SCREW 3.5                               |      |
| 84      | S20183001 | 1    | ウフオクリクツシヨント"ダ"イ | UPPER FEED CUSHION BRACKET              |      |
| 85      | 025060236 | 2    | ヒラサ"カ"ネチユウ6     | PLAIN WASHER 6                          |      |
| 86      | 018061636 | 2    | アナホ"ルト6X16      | BOLT 6X16                               |      |
| 87      | S20185001 | 1    | ウフオクリタ"イアケ"     | UPPER FEED BAR LIFTER                   |      |
| 88      | 062501216 | 2    | ナヘ"コ5X12        | SCREW 5X12                              |      |
| 89      | 062401616 | 1    | ナヘ"コ4X16        | SCREW 4X16                              |      |
| 91      | 021400206 | 1    | 2シユナツト4         | NUT 4                                   |      |
| 92      | S20193001 | 1    | ウフオクリタ"イアンナイR   | UPPER FEED BAR GUIDE (R)                |      |
| 93      | 012060636 | 1    | アナヒラ6X6         | SET SCREW 6X6                           |      |
| 94      | 081005070 | 1    | Oリング"P5         | O RING P5                               |      |
| 95      | S20194001 | 1    | ウフオクリタ"イアンナイL   | UPPER FEED BAR GUIDE (L)                |      |
| 96      | 012400636 | 1    | アナヒラ4X6         | SET SCREW 4X6                           |      |
| 97      | S20195001 | 1    | オサエチヨウセツネジ"     | ADJUST SCREW                            |      |
| 98      | S23341009 | 1    | チヨウセツネジ"ツマミナツト  | NUT                                     |      |
| 99      | S00204001 | 1    | ウフオクリオサエハ"ネ     | SPRING                                  |      |
| 100     | S20202001 | 1    | ウフオクリササエタ"イハ"ネ  | SPRING                                  |      |
| 101     | S20201001 | 1    | ササエタ"イハ"ネアンナイ   | SPRING GUIDE                            |      |
| 102     | *         | 1    | ウフオクリハ"         | UPPER FEED DOG                          |      |
| 103-1   | 062350816 | 1    | ナヘ"コ3.5X8       | SCREW 3.5X8                             |      |
| 104     | S20189001 | 1    | シメネジ"3.5        | SCREW 3.5                               |      |
| 105     | S20621001 | 1    | カラー             | COLLAR                                  |      |
|         |           |      | <テ"ニムヨウ>        | <FOR HEAVY>                             |      |
| 103-2   | S25525001 | 1    | シメネジ"3.5X22     | SCREW 3.5X22                            |      |



G. 上メス・下メス関係/Knife mechanism/Messer/  
M canisme du couteau/Mecanismo del cuchilla

| REF.NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CODE        | Q'TY | ヒンメイ            | NAME OF PARTS                        | RMKS |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|-----------------|--------------------------------------|------|
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ★ S20586001 | 1    | ウフメスクランクロツト"クミ  | UPPER KNIFE DRIVING ROD ASSEMBLY (I) |      |
| 1-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 018401622   | 2    | アナボ"ルト4X16      | BOLT 4X16                            |      |
| 1-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S20568001   | 2    | メスクランクシ"クウテ"Oクミ | KNIFE DRIVING LEVER (O) ASSEMBLY     | ※    |
| 1-2-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | S20849001   | 1    | フランシ"ホルト6X16ホソメ | BOLT 6X16                            |      |
| 1-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S20570001   | 1    | ウフメスクランクウテ"シ"ク  | CRANK ARM SHAFT                      | ※    |
| 1-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S23342001   | 1    | アナト"リ4X5        | SET SCREW 4X5                        |      |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S20571101   | 1    | ウフメスサト"ウウテ"     | UPPER KNIFE DIFFERENTIAL ARM         |      |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 155247000   | 1    | ダ"ストシール         | DUST SEAL                            |      |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S20513000   | 2    | メタル11.11-16     | BUSH 11.11-16                        |      |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S23619001   | 1    | セツトカラークミ        | SET COLLAR ASSEMBLY                  |      |
| 6-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 012060636   | 2    | アナヒラ6X6         | SET SCREW 6X6                        |      |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S20574001   | 1    | ウフメスタ"キナツト      | NUT                                  |      |
| 8-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S20589001   | 1    | ウフメスタ"キ         | UPPER KNIFE HOLDER                   |      |
| 9-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 062401216   | 1    | ナヘ"コM4X12       | SCREW M4X12                          |      |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 025040132   | 1    | ヒラサ"カ"ネシヨウ4     | PLAIN WASHER 4                       |      |
| 14-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | * 144074200 | 1    | ウフメス            | UPPER KNIFE                          |      |
| 15-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S23621001   | 1    | ボ"ルト35X8        | BOLT 35X8                            |      |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S20591001   | 1    | シタメストリツケタ"イ     | LOWER KNIFE HOLDER                   |      |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 062061016   | 1    | ナヘ"コ6X10        | SCREW 6X10                           |      |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S20581001   | 1    | シタメストリツケタ"イアンナイ | LOWER KNIFE HOLDER GUIDE             |      |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 062400616   | 2    | ナヘ"コM4X6        | SCREW M4X6                           |      |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S20582001   | 1    | シタメス (T=1.5)    | LOWER KNIFE (T=1.5)                  |      |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S20584001   | 1    | シタメスオサエ         | LOWER KNIFE PRESSER                  |      |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 017500816   | 1    | ボ"ルト5X8         | BOLT 5X8                             |      |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S20585001   | 1    | シタメストリツケタ"イハ"ネ  | SPRING                               |      |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S20736001   | 1    | シタメスハ"ネウケ       | SPRING HOLDER                        |      |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 062400816   | 1    | ナヘ"コ4X8         | SCREW 4X8                            |      |
| <コクナイヨウ/ オプション>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |      |                 | <FOR EXPORT/HEAVY>                   |      |
| 8-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S20590001   | 1    | ウフメスタ"キ         | UPPER KNIFE HOLDER                   |      |
| 9-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 062402516   | 1    | ナヘ"コ4X25        | SCREW 4X25                           |      |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S20577001   | 1    | ウフメスオサエ         | UPPER KNIFE PRESSER                  |      |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S20578001   | 1    | ウフメスオサエイタ       | UPPER KNIFE PRESSER PLATE            |      |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 025030132   | 1    | ヒラサ"カ"ネシヨウ3     | PLAIN WASHER 3                       |      |
| 14-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | *           | 1    | カクメス            | ANGLE KNIFE                          |      |
| 15-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 062300516   | 1    | ナヘ"コ3X5         | SCREW 3X5                            |      |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 125324001   | 1    | ヒラサ"カ"ネタ"イ4アツ   | PLAIN WASHER 4                       |      |
| <オプションパーツ /OPTION PARTS>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |      |                 |                                      |      |
| 14-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S20896001   | 1    | カクメス(ハハ"セマ)     | ANGLE KNIFE (NARROW)                 |      |
| 14-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S20897001   | 1    | カクメス(ハハ"セマ ナミハ) | ANGLE KNIFE (NARROW WAVE EDGE)       |      |
| 14-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S20579001   | 1    | カクメス(ハハ"ヒロ)     | ANGLE KNIFE (WIDE)                   |      |
| 14-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S20898001   | 1    | カクメス(ハハ"ヒロ ナミハ) | ANGLE KNIFE (WIDE WAVE EDGE)         |      |
| ★クドウジクとロッドは、同色(赤色・青色の2種類)の組合わせで、選択組付けをしています。<br>ご注文の際には、色を指定してください。<br>★ The crank shaft and rod are to be selected and installed to parts of the same color (2 types: red and blue). Be sure to specify a color when ordering.<br>★ Die Kurbelwelle und die Stange m ssen mit den gleichfarbigen Teilen (zwei Typen: rot und blau) ausgew hlt und montiert werden. Geben Sie daher bei der Bestellung unbedingt die Farbe an.<br>★ L'arbre et la bielle doivent  tre choisis et mont s avec des pi ces de couleur identique (2 types: rouge et bleu). Veiller   bien pr ciser la couleur en passant la commande.<br>★ El cig e al y la varilla del cig e al se deben seleccionar e instalar con las piezas del mismo color (dos tipos: rojas y azules). Al hacer el pedido se debe especificar el color. |             |      |                 |                                      |      |

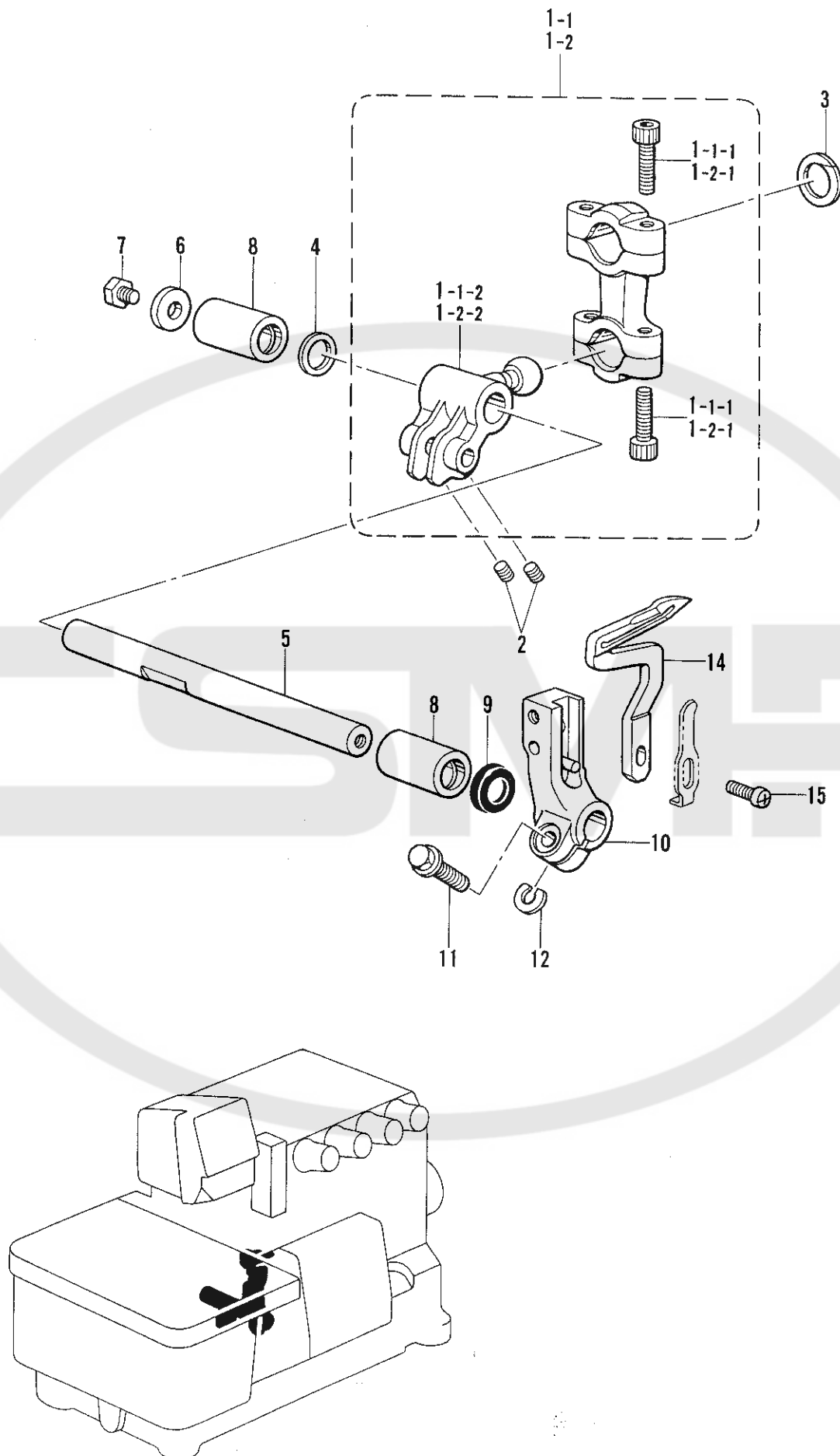
H. 上ループ関係 / Over looper mechanism / Oberen Greifer /  
 Mécanisme du boucleur supérieur / Mecanismo del presilladora superior



H. 上ルーパー関係/Over looper mechanism/Oberen Greifer/  
Mécanisme du boucleur supérieur/Mecanismo del presilladora superior

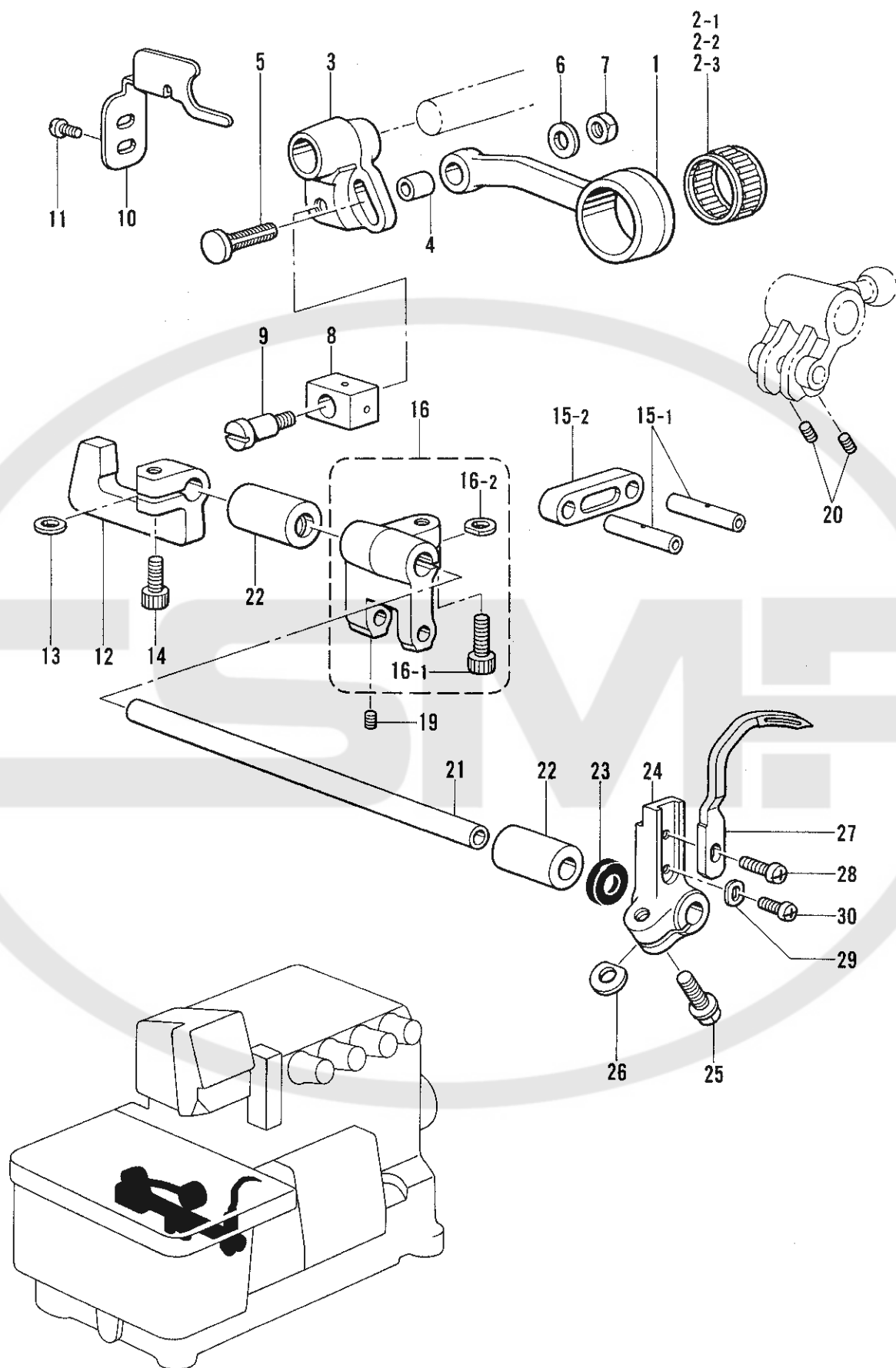
| REF.NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CODE        | Q'TY | ヒンメイ            | NAME OF PARTS                            | RMKS |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|-----------------|------------------------------------------|------|
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ★ S23374001 | 1    | ウフルーハ°ロット"クミHEU | OVER LOOPER CONNECTING ROD ASSEMBLY(HEU) |      |
| 1-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 018401622   | 4    | アナボ°ルト4X16      | BOLT 4X16                                |      |
| 1-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S20596001   | 1    | OLシ°クウテ"HEUネシツキ | SHAFT ARM WITH SCREW (HEU)               |      |
| 1-2-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | S23346001   | 1    | アナボ°ルト6X14ホソメ   | BOLT 6X14                                |      |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S20598000   | 2    | ロット"フレト"メ       | ROD STOPPER                              |      |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S20513000   | 2    | メタル11.11-16     | BUSH 11.11-16                            |      |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S20601001   | 1    | ウフルーハ°シ°ク       | OVER LOOPER SHAFT                        |      |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S23626001   | 1    | サ°カ°ネ           | WASHER                                   |      |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 017060816   | 1    | ボ°ルト6X8         | BOLT 6X8                                 |      |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S23619001   | 1    | ゼツトカラークミ        | SET COLLAR ASSEMBLY                      |      |
| 8-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 012060636   | 2    | アナヒラ6X6         | SET SCREW 6X6                            |      |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 062061416   | 2    | ナヘ°コ6X14        | SCREW 6X14                               |      |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 155247000   | 1    | タ°ストシール         | DUST SEAL                                |      |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | *           | 1    | ウフルーハ°          | OVER LOOPER                              |      |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 062350616   | 1    | ナヘ°コM3.5X6      | SCREW M3.5X6                             |      |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S20614001   | 1    | スヘ°ーサ           | SPACER                                   |      |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S23611001   | 1    | アンナイメタルイチキ°メイタ  | GUIDE BUSH POSITIONING PLATE             |      |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 062400616   | 2    | ナヘ°コM4X6        | SCREW M4X6                               |      |
| <ハイリフトヨウ /FOR HIGH-LIFT 63, 64, 65, 66>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |      |                 |                                          |      |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S20602001   | 1    | ウフルーハ°キコウクミ     | OVER LOOPER MECHANISM ASSEMBLY           |      |
| 9-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S20604001   | 1    | ウフルーハ°ウテ°40     | OVER LOOPER ARM 40                       |      |
| 9-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S23342001   | 1    | アナトガ°リ4X5       | SET SCREW 4X5                            |      |
| 9-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S20849001   | 1    | フランジ°ホルト6X16ホソメ | BOLT 6X16                                |      |
| 9-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 155162001   | 1    | スヘ°ーサ           | SPACER                                   |      |
| 9-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S20609000   | 1    | ウフルーハ°アンナイオサエ   | OVER LOOPER GUIDE HOLDER                 |      |
| 9-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S23417001   | 2    | シメネジ°3.5X8      | SCREW 3.5X8                              |      |
| 9-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S20610000   | 2    | パ°ツキン           | PACKING                                  |      |
| <チョウハイリフトヨウ /FOR EXTRA HIGH-LIFT>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |      |                 |                                          |      |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S20611001   | 1    | ウフルーハ°キコウクミ     | OVER LOOPER MECHANISM ASSEMBLY           |      |
| 9-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S20613001   | 1    | ウフルーハ°ウテ°42     | OVER LOOPER ARM 42                       |      |
| 9-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S23342001   | 1    | アナトガ°リ4X5       | SET SCREW 4X5                            |      |
| 9-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S20849001   | 1    | フランジ°ホルト6X16ホソメ | BOLT 6X16                                |      |
| 9-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 155162001   | 1    | スヘ°ーサ           | SPACER                                   |      |
| 9-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S20609000   | 1    | ウフルーハ°アンナイオサエ   | OVER LOOPER GUIDE HOLDER                 |      |
| 9-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S23417001   | 2    | シメネジ°3.5X8      | SCREW 3.5X8                              |      |
| 9-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S20610000   | 2    | パ°ツキン           | PACKING                                  |      |
| ★クドウジクとロッドは、同色（赤色・青色の2種類）の組合わせで、選択組付けをしています。<br>ご注文の際には、色を指定してください。<br>★ The crank shaft and rod are to be selected and installed to parts of the same color (2 types: red and blue). Be sure to specify a color when ordering.<br>★ Die Kurbelwelle und die Stange müssen mit den gleichfarbigen Teilen (zwei Typen: rot und blau) ausgewählt und montiert werden. Geben Sie daher bei der Bestellung unbedingt die Farbe an.<br>★ L'arbre et la bielle doivent être choisis et montés avec des pièces de couleur identique (2 types: rouge et bleu). Veiller à bien préciser la couleur en passant la commande.<br>★ El cigüeñal y la varilla del cigüeñal se deben seleccionar e instalar con las piezas del mismo color (dos tipos: rojas y azules). Al hacer el pedido se debe especificar el color. |             |      |                 |                                          |      |

J. 下ルーバ関係 / Under looper mechanism / Unterer Greifer /  
 Mécanisme du boucleur inférieur / Mecanismo del presilladora inferior



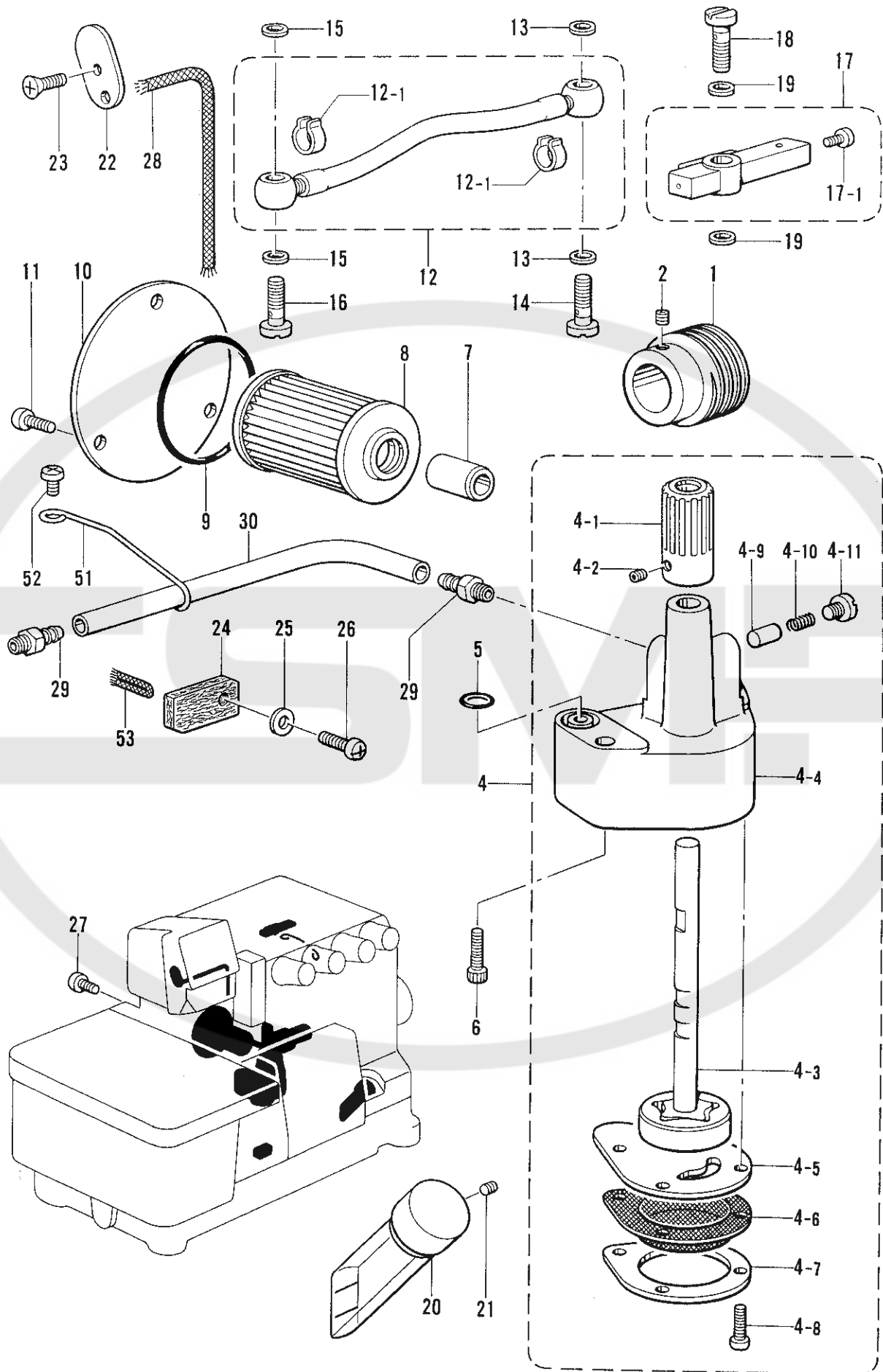
J. 下ルーパー関係/Under looper mechanism/Unterer Greifer/  
Mécanisme du boucleur inférieur/Mecanismo del presilladora inferior

| REF.NO.                                                                                                                                                                                     | CODE        | Q'TY | 品名             | NAME OF PARTS                            | RMKS |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|----------------|------------------------------------------|------|
| 2                                                                                                                                                                                           | S23651001   | 2    | アナヒラ6X6ボリメ     | SET SCREW 6X6                            |      |
| 3                                                                                                                                                                                           | S20598000   | 1    | ロッド"フレット"メ     | ROD STOPPER                              |      |
| 4                                                                                                                                                                                           | S20621001   | 1    | カラー            | COLLAR                                   |      |
| 5                                                                                                                                                                                           | S20622001   | 1    | シタルーハ°シ"ク      | UNDER LOOPER SHAFT                       |      |
| 6                                                                                                                                                                                           | S23626001   | 1    | サ"カ"ネ          | WASHER                                   |      |
| 7                                                                                                                                                                                           | 017060816   | 1    | ボ"ルト6X8        | BOLT 6X8                                 |      |
| 8                                                                                                                                                                                           | S20513000   | 2    | メタル11.11-16    | BUSH 11.11-16                            |      |
| 9                                                                                                                                                                                           | 155247000   | 1    | ダ"ストシール        | DUST SEAL                                |      |
| 10                                                                                                                                                                                          | S20625001   | 1    | シタルーハ°トリツケタイ   | UNDER LOOPER HOLDER                      |      |
| 11                                                                                                                                                                                          | S23614001   | 1    | フランジ"ボ"ルト5X14  | BOLT 5X14                                |      |
| 12                                                                                                                                                                                          | 148782001   | 1    | スベ"ーサ          | SPACER                                   |      |
| 14                                                                                                                                                                                          | S20626001   | 1    | シタルーハ°         | UNDER LOOPER                             |      |
| 15                                                                                                                                                                                          | 060351016   | 1    | ハ"イント"3.5X10   | SCREW 3.5X10                             |      |
| <ハイリフトヨウ /FOR HIGH-LIFT 63, 64, 65, 66>                                                                                                                                                     |             |      |                |                                          |      |
| 1-1                                                                                                                                                                                         | ★ S20615001 | 1    | シタルーハ°ロッド"クミSH | UNDER LOOPER CONNECTING ROD ASSEMBLY(SH) |      |
| 1-1-1                                                                                                                                                                                       | 018401622   | 4    | アナボ"ルト4X16     | BOLT 4X16                                |      |
| 1-1-2                                                                                                                                                                                       | S20616001   | 1    | シタルーハ°シ"クウテ"SH | UNDER LOOPER SHAFT ARM (SH)              |      |
| <チョウハイリフトヨウ /FOR EXTRA HIGH-LIFT>                                                                                                                                                           |             |      |                |                                          |      |
| 1-2                                                                                                                                                                                         | ★ S20617001 | 1    | シタルーハ°ロッド"クミE  | UNDER LOOPER CONNECTING ROD ASSEMBLY (E) |      |
| 1-2-1                                                                                                                                                                                       | 018401622   | 4    | アナボ"ルト4X16     | BOLT 4X16                                |      |
| 1-2-2                                                                                                                                                                                       | S20618001   | 1    | シタルーハ°シ"クウテ"E  | UNDER LOOPER SHAFT ARM (E)               |      |
| ★クドウジクとロッドは、同色（赤色・青色の2種類）の組合わせで、選択組付けをしています。                                                                                                                                                |             |      |                |                                          |      |
| ご注文の際には、色を指定してください。                                                                                                                                                                         |             |      |                |                                          |      |
| ★ The crank shaft and rod are to be selected and installed to parts of the same color (2 types: red and blue). Be sure to specify a color when ordering.                                    |             |      |                |                                          |      |
| ★ Die Kurbelwelle und die Stange müssen mit den gleichfarbigen Teilen (zwei Typen: rot und blau) ausgewählt und montiert werden. Geben Sie daher bei der Bestellung unbedingt die Farbe an. |             |      |                |                                          |      |
| ★ L'arbre et la bielle doivent être choisis et montés avec des pièces de couleur identique (2 types: rouge et bleu). Veiller à bien préciser la couleur en passant la commande.             |             |      |                |                                          |      |
| ★ El cigüeñal y la varilla del cigüeñal se deben seleccionar e instalar con las piezas del mismo color (dos tipos: rojas y azules). Al hacer el pedido se debe especificar el color.        |             |      |                |                                          |      |



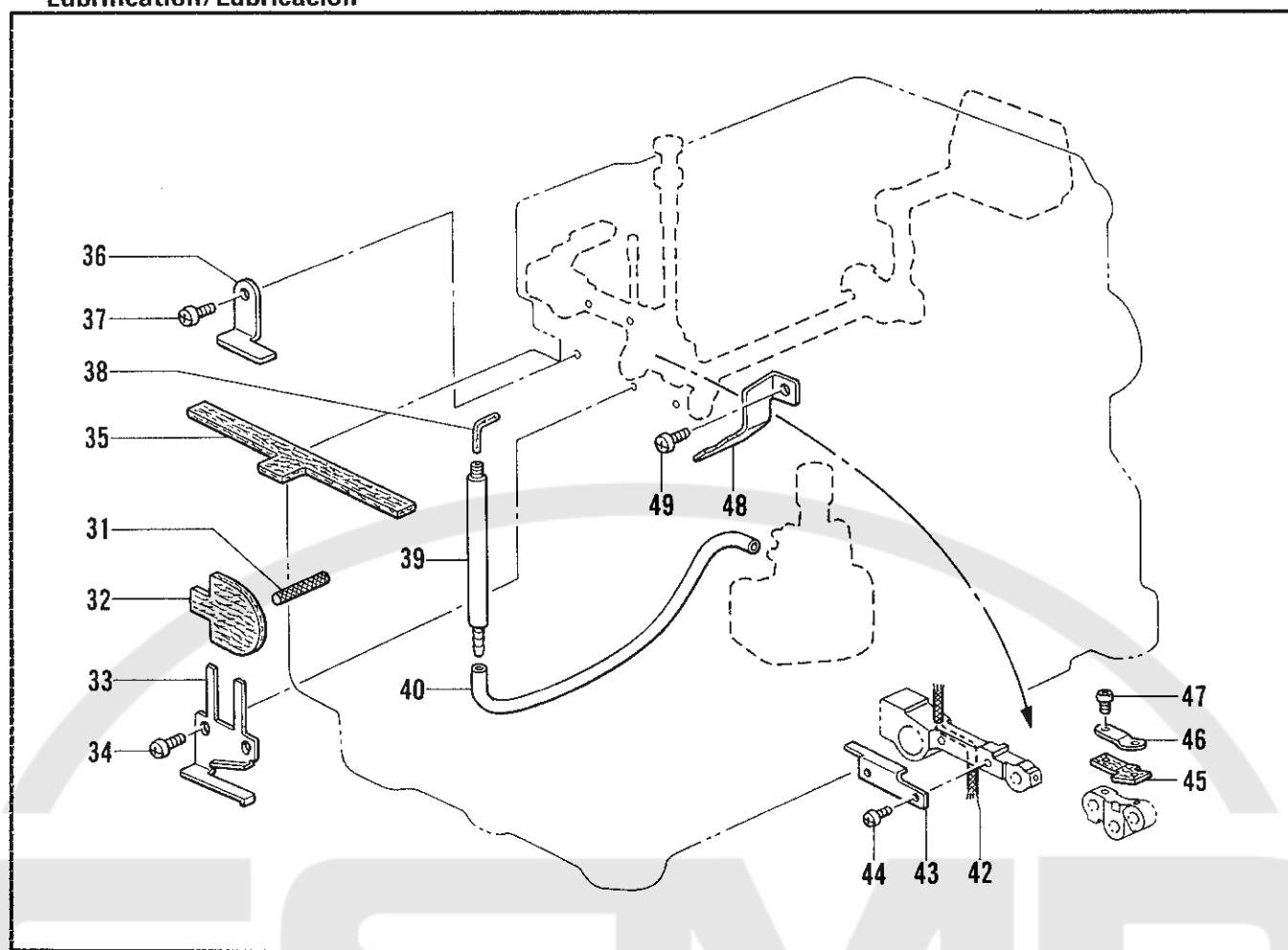
K. 二重環ルーパ関係/Double chain stitch looper mechanism/Doppelkettenstichgreifer/  
Mécanisme du boucleur pour point de chaînette double/Mecanismo del presilladora de double cadeneta

| REF.NO. | CODE      | Q'TY | ヒンメイ              | NAME OF PARTS                      | RMKS |
|---------|-----------|------|-------------------|------------------------------------|------|
| 1       | S29092001 | 1    | ゼ"ンゴ"ロツト"         | LONGITUDINAL FEED ROD              |      |
| 2-1     | S20635001 | 1    | ニート"ルシ"クウケ18      | NEEDLE ROLLER BEARING 18           |      |
| 2-2     | S20635002 | 1    | ニート"ルシ"クウケ18      | NEEDLE ROLLER BEARING 18           |      |
| 2-3     | S20635003 | 1    | ニート"ルシ"クウケ18      | NEEDLE ROLLER BEARING 18           |      |
| 3       | S20636001 | 1    | ゼ"ンゴ"ウデ"          | LONGITUDINAL FEED ARM              |      |
| 4       | S29102001 | 1    | ゼ"ンゴ"ロツト"フ"ツシュ    | LONGITUDINAL FEED ROD BUSH         |      |
| 5       | S20638001 | 1    | ゼ"ンゴ"ウデ"ネシ"       | LONGITUDINAL FEED ARM SCREW        |      |
| 6       | S29131001 | 1    | ヒラサ"カ"ネ5          | PLAIN WASHER 5                     |      |
| 7       | 021500216 | 1    | 2シユナツト5           | NUT 5                              |      |
| 8       | S20640001 | 1    | ゼ"ンゴ"ウデ"カクゴ"マ     | LONGITUDINAL FEED ARM SLIDE BLOCK  |      |
| 9       | S20641001 | 1    | ダ"ンネシ"5           | STUD SCREW 5                       |      |
| 10      | S20642001 | 1    | ゼ"ンゴ"ウデ"フレト"メ     | LONGITUDINAL FEED ARM STOPPER      |      |
| 11      | 062400616 | 2    | ナヘ"コ"4X6          | SCREW M4X6                         |      |
| 12      | S20643001 | 1    | ゼ"ンゴ"ウデ"カクゴ"マ"キ   | SLIDE BLOCK CLAMP                  |      |
| 13      | 155162001 | 1    | スベ"ー"サ            | SPACER                             |      |
| 14      | 018061236 | 1    | アナホ"ルト"6X12       | BOLT 6X12                          |      |
| 15      | S20644001 | 1    | ニシ"ユウカン"リンク"クミ    | CHAIN STITCH LOOPER LINK ASSEMBLY  |      |
| 15-1    | S20647001 | 2    | ニシ"ユウカン"ウデ"シ"ク    | CHAIN STITCH LOOPER LEVER SHAFT    |      |
| 15-2    | S20648001 | 1    | ニシ"ユウカン"リンク       | CHAIN STITCH LOOPER LINK           |      |
| 16      | S20645001 | 1    | ニシ"ユウカン"ウデ"クミ     | CHAIN STITCH LOOPER LEVER ASSEMBLY |      |
| 16-1    | S23346001 | 1    | アナホ"ルト"6X14"ホソメ   | BOLT 6X14                          |      |
| 16-2    | 155162001 | 1    | スベ"ー"サ            | SPACER                             |      |
| 19      | 012400436 | 1    | アナヒラ4X4           | SET SCREW 4X4                      |      |
| 20      | 012400436 | 2    | アナヒラ4X4           | SET SCREW 4X4                      |      |
| 21      | S20649001 | 1    | ゼ"ンゴ"シ"ク          | LONGITUDINAL FEED SHAFT            |      |
| 22      | S20650000 | 2    | ゼ"ンゴ"シ"ク"メタル      | LONGITUDINAL FEED SHAFT BUSH       |      |
| 23      | 155261000 | 1    | ダ"スト"シール          | DUST SEAL                          |      |
| 24      | S20652001 | 1    | ニシ"ユウカン"ルー"パ"ホルダ" | CHAIN STITCH LOOPER HOLDER         |      |
| 25      | S23614001 | 1    | フランシ"ホ"ルト"5X14    | BOLT 5X14                          |      |
| 26      | 148783001 | 1    | スベ"ー"サ            | SPACER                             |      |
| 27      | S20653001 | 1    | ニシ"ユウカン"ルー"パ"     | CHAIN STITCH LOOPER                |      |
| 28      | 060350816 | 1    | ハ"イント"35X8        | SCREW 35X8                         |      |
| 29      | S20654001 | 1    | ルー"パ"チヨウセツサ"カ"ネ   | WASHER                             |      |
| 30      | S23456001 | 1    | ナヘ"コ"25X6         | SCREW 25X6                         |      |

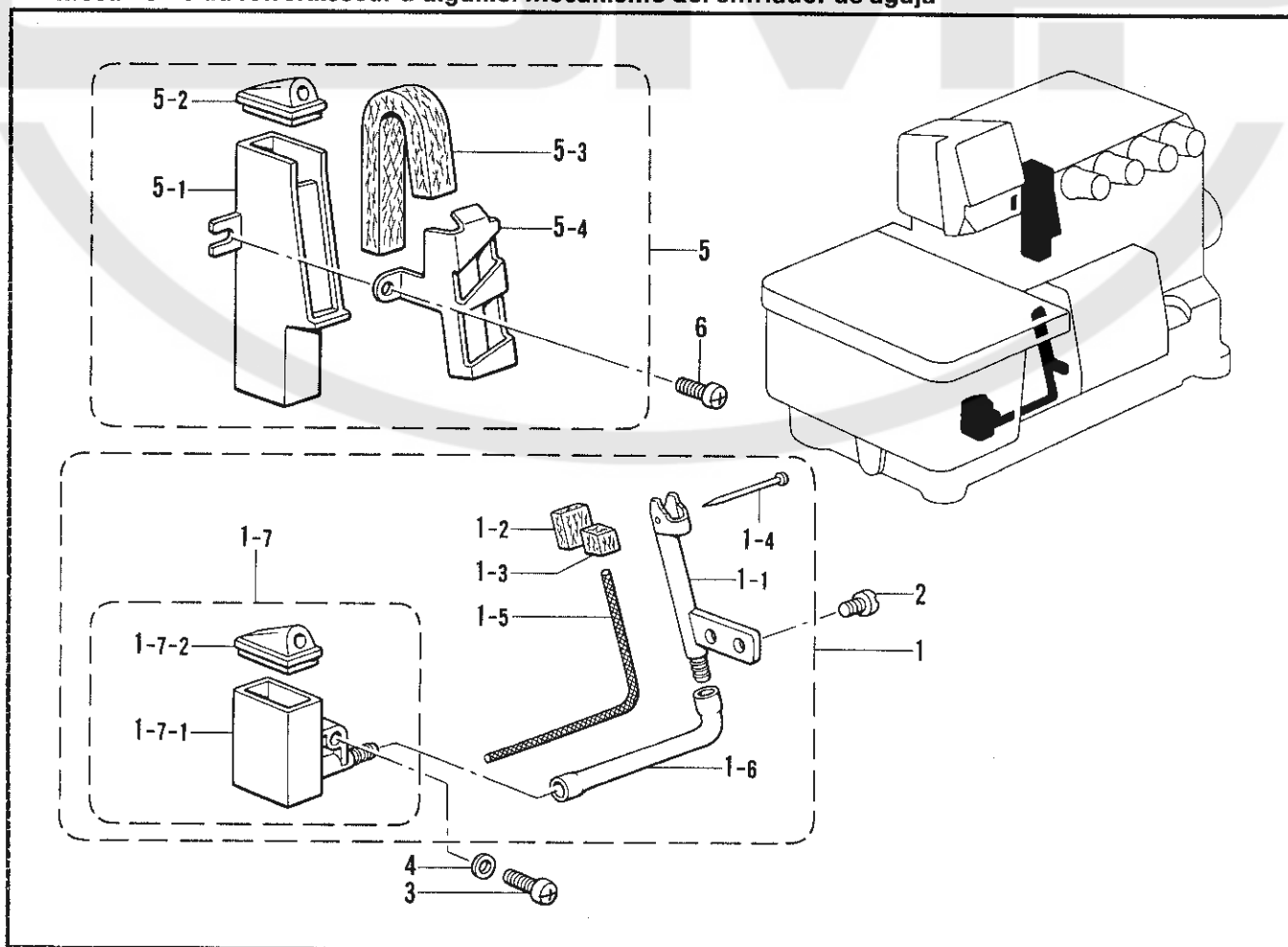


L. 給油・潤滑関係/Lubrication/Schmierung/  
Lubrification/Lubricación

| REF.NO. | CODE      | Q'TY | ヒンメイ             | NAME OF PARTS             | RMKS |
|---------|-----------|------|------------------|---------------------------|------|
| 1       | S20655001 | 1    | ウオーム             | WORM                      |      |
| 2       | 012500536 | 2    | アナヒラ5X5          | SET SCREW 5X5             |      |
| 4       | S20300001 | 1    | トロコイト"ポンプ"クミ     | PUMP ASSEMBLY             |      |
| 4-1     | S20657001 | 1    | ウオームホイール         | WORM WHEEL                |      |
| 4-2     | 012400536 | 2    | アナヒラ4X5          | SET SCREW 4X5             |      |
| 4-3     | S20301001 | 1    | ポンプ"ローター"クミ      | PUMP INNER ROTER ASSEMBLY |      |
| 4-4     | S20303000 | 1    | ポンプ"ケース"         | PUMP CASE                 |      |
| 4-5     | S20661001 | 1    | ポンプ"タイフタ"        | PUMP BODY COVER           |      |
| 4-6     | S20662000 | 1    | ロカモウ             | OIL FILTER                |      |
| 4-7     | S20663001 | 1    | ロカモウオサエ          | OIL FILTER FLANGE         |      |
| 4-8     | 062351016 | 4    | ナヘ"コ3.5X10       | SCREW 3.5X10              |      |
| 4-9     | 144875001 | 2    | プランジ"ヤー"         | PLUNGER                   |      |
| 4-10    | 144876001 | 2    | プランジ"ヤー"ハ"ネ      | PLUNGER SPRING            |      |
| 4-11    | S23460001 | 2    | ナヘ"コ6X5          | SCREW 6X5                 |      |
| 5       | 081008070 | 1    | Oリング"P8          | O RING P8                 |      |
| 6       | 018061436 | 2    | アナホルト6X14        | BOLT 6X14                 |      |
| 7       | S08957001 | 1    | オイルクチ            | OIL FEEDING PIPE          |      |
| 8       | S08956000 | 1    | オイルフィルター         | OIL FILTER                |      |
| 9       | 081044070 | 1    | Oリング"P44         | O RING P44                |      |
| 10      | S12987001 | 1    | オイルフィルター"フタ"     | OIL FILTER CAP            |      |
| 11      | 062400816 | 3    | ナヘ"コ4X8          | SCREW 4X8                 |      |
| 12      | S20664001 | 1    | ヒ"ニルチューブ"クミ      | OIL TUBE ASSEMBLY         |      |
| 12-1    | 147942001 | 2    | ヒ"ニルチューブ"トメ"ガ"ネ  | STOP RING                 |      |
| 13      | 159476000 | 2    | サ"ガ"ネ            | WASHER                    |      |
| 14      | S20199001 | 1    | ハイユハ"イフ"ツキ"テ     | OIL PIPE JOINT            |      |
| 15      | 159476000 | 2    | サ"ガ"ネ            | WASHER                    |      |
| 16      | S20199001 | 1    | ハイユハ"イフ"ツキ"テ     | OIL PIPE JOINT            |      |
| 17      | S20666001 | 1    | キユウユハ"イフ"クミ      | OIL PIPE ASSEMBLY         |      |
| 17-1    | 060400516 | 1    | ハ"イント"4X5        | SCREW 4X5                 |      |
| 18      | S20199001 | 1    | ハイユハ"イフ"ツキ"テ     | OIL PIPE JOINT            |      |
| 19      | 159476000 | 2    | サ"ガ"ネ            | WASHER                    |      |
| 20      | 148084001 | 1    | オイルゲ"ージ"マト"      | OIL GAUGE WINDOW          |      |
| 21      | 012400436 | 1    | アナヒラ4X4          | SET SCREW 4X4             |      |
| 22      | S20668000 | 1    | ハリホ"ウリンク"フエルト    | NEEDLE BAR LINK FELT      |      |
| 23      | 061400816 | 1    | サラコ4X8           | SCREW 4X8                 |      |
| 24      | S20669000 | 1    | フエルト             | FELT                      |      |
| 25      | 102707002 | 1    | サ"ガ"ネ            | WASHER                    |      |
| 26      | 062401216 | 1    | ナヘ"コM4X12        | SCREW M4X12               |      |
| 27      | 060400516 | 1    | ハ"イント"4X5        | SCREW 4X5                 |      |
| 28      | S20671000 | 1    | クミヒモ100          | WICK (L=100)              |      |
| 29      | S20180001 | 2    | オイルクチ            | OIL FEEDING PIPE          |      |
| 30      | S20200001 | 1    | ヒ"ニルチューブ"(L=370) | OIL TUBE (L=370)          |      |
| 51      | S25879001 | 1    | チューブ"ササエ"        | TUBE SUPPORT              |      |
| 52      | 060400816 | 1    | ハ"イント"4X8        | SCREW 4X8                 |      |
| 53      | S29145000 | 1    | クミヒモ4X4 (L=10)   | WICK (L=10)               |      |



M. 針冷却装置 / Needle cooler / Nadelkühlungsvorrichtung /  
Mécanisme du refroidisseur d'aiguille / Mecanismo del enfriador de aguja

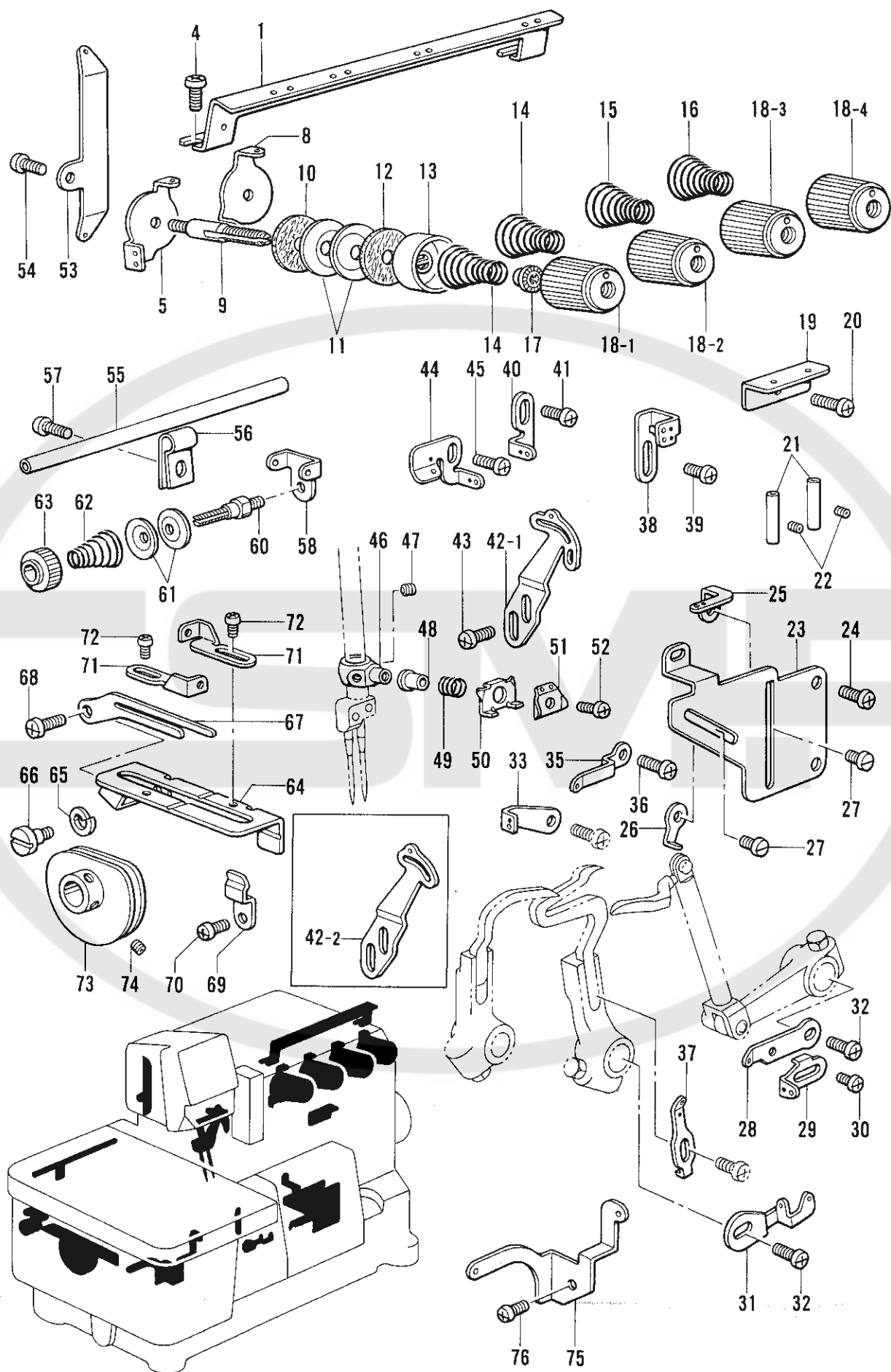


L. 給油・潤滑関係/Lubrication/Schmierung/  
Lubrification/Lubricación

| REF.NO. | CODE      | Q'TY | ヒンメイ        | NAME OF PARTS            | RMKS |
|---------|-----------|------|-------------|--------------------------|------|
| 31      | S20213000 | 1    | クミヒモ (L=22) | WICK (L=22)              |      |
| 32      | S20214000 | 1    | キユウフエルト     | FELT                     |      |
| 33      | S20215001 | 1    | フエルトオサエ     | FELT SUPPORT             |      |
| 34      | 062400616 | 2    | ナヘ"コM4X6    | SCREW M4X6               |      |
| 35      | S20216000 | 1    | カイシユウフエルト   | FELT                     |      |
| 36      | S20217001 | 1    | フエルトオサエ     | FELT SUPPORT             |      |
| 37      | 062400616 | 1    | ナヘ"コM4X6    | SCREW M4X6               |      |
| 38      | 147363000 | 1    | フエルト        | FELT                     |      |
| 39      | S20218001 | 1    | パイプツキ"テ     | PIPE JOINT               |      |
| 40      | S20219001 | 1    | ビ"ニルチューブ"   | OIL TUBE                 |      |
| 42      | S07463000 | 1    | クミヒモ (L=70) | WICK (L=70)              |      |
| 43      | S20220001 | 1    | オイルヒモアンナイ   | WICK GUIDE               |      |
| 44      | S20158001 | 2    | ナヘ"コ25X3    | SCREW 25X3               |      |
| 45      | S20221000 | 1    | フエルト        | FELT                     |      |
| 46      | S20222001 | 1    | フエルトオサエ     | FELT SUPPORT             |      |
| 47      | S20158001 | 2    | ナヘ"コ25X3    | SCREW 25X3               |      |
| 48      | S20178001 | 1    | ホ"ウジ"ンイタ    | FRAGMENT PROTECTOR PLATE |      |
| 49      | 062400616 | 1    | ナヘ"コM4X6    | SCREW M4X6               |      |

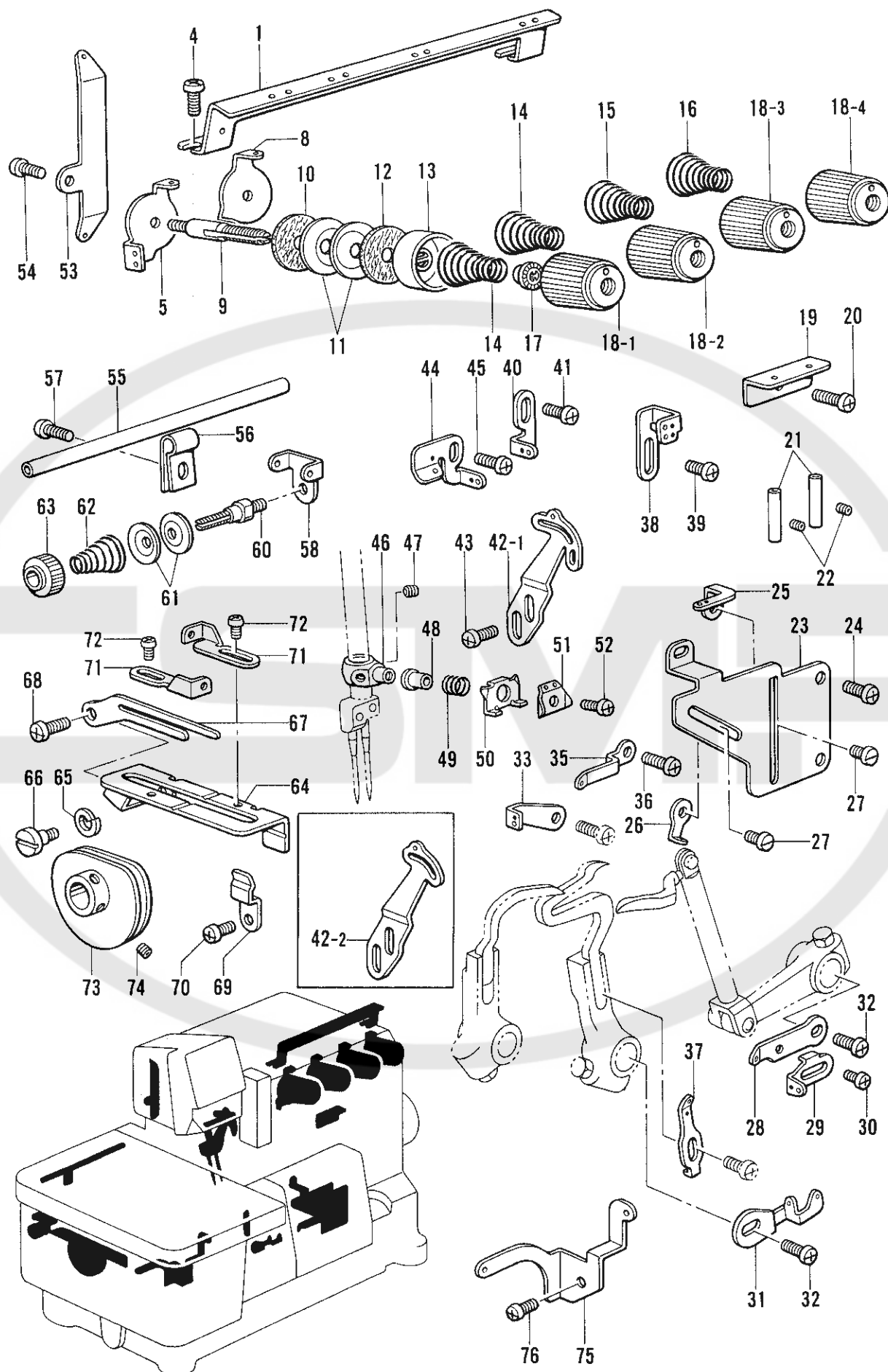
M. 針冷却装置/Needle cooler/Nadelkühlungsvorrichtung/  
Mécanisme du refroidisseur d'aiguille/Mecanismo del enfriador de aguja

| REF.NO. | CODE      | Q'TY | ヒンメイ         | NAME OF PARTS              | RMKS |
|---------|-----------|------|--------------|----------------------------|------|
| 1       | S20468001 | 1    | フエルトササイクミ    | FELT SUPPORT ASSEMBLY      |      |
| 1-1     | S20469000 | 1    | フエルトササイ      | FELT SUPPORT               |      |
| 1-2     | S20470000 | 1    | フエルトL        | FELT (L)                   |      |
| 1-3     | S20471000 | 1    | フエルトS        | FELT (S)                   |      |
| 1-4     | S02874001 | 1    | ムシピン         | PIN                        |      |
| 1-5     | 150307000 | 1    | クミヒモ (L=140) | WICK (L=140)               |      |
| 1-6     | S20456000 | 1    | ビ"ニルチューブ"55  | VINYL TUBE 55              |      |
| 1-7     | S20457000 | 1    | シリコンタンククミL   | SILICONE TANK ASSEMBLY (L) |      |
| 1-7-1   | S20459000 | 1    | シリコンタンクタイL   | SILICONE TANK (L)          |      |
| 1-7-2   | S20460000 | 1    | シリコンタンクフタ    | SILICONE TANK CAP          |      |
| 2       | S23418001 | 2    | シメネジ"4X5     | SCREW 4X5                  |      |
| 3       | 062401016 | 1    | ナヘ"コ4X10     | SCREW 4X10                 |      |
| 4       | 025040132 | 1    | ヒラサ"カ"ネシヨウ4  | PLAIN WASHER 4             |      |
| 5       | S20461001 | 1    | シリコンタンククミU   | SILICONE TANK ASSEMBLY (U) |      |
| 5-1     | S20464000 | 1    | シリコンタンクU     | SILICONE TANK (U)          |      |
| 5-2     | S20460000 | 1    | シリコンタンクフタ    | SILICONE TANK CAP          |      |
| 5-3     | S20466000 | 1    | フエルト         | FELT                       |      |
| 5-4     | S20467001 | 1    | フエルトオサエイタ    | FELT SUPPORT PLATE         |      |
| 6       | 062401016 | 1    | ナヘ"コ4X10     | SCREW 4X10                 |      |



N. 糸調子関係/Thread tension/Faderspannung/  
Tension du fil/Tensión del hilo

| REF.NO.                  | CODE      | Q'TY | ヒンメイ            | NAME OF PARTS                   | RMKS |
|--------------------------|-----------|------|-----------------|---------------------------------|------|
| 1                        | S20672001 | 1    | シユイトアンナイ        | MAIN THREAD GUIDE               |      |
| 4                        | 060400816 | 2    | ハ"イント"4X8       | SCREW 4X8                       |      |
| 5                        | S20693001 | 1    | ハリイトアンナイ2N      | NEEDLE GUIDE (2N)               |      |
| 8                        | S20675001 | 3    | チヨウシサライトアンナイ    | TENSION DISC THREAD GUIDE       |      |
| 9                        | S20676001 | 4    | イトチヨウシホ"ウ       | TENSION STUD                    |      |
| 10                       | S20677000 | 4    | イトチヨウシサラフエルト    | TENSION DISC FELT               |      |
| 11                       | S20673001 | 8    | イトチヨウシサラ        | TENSION DISC                    |      |
| 12                       | 110832009 | 4    | イトチヨウシサラフエルト    | TENSION DISC FELT               |      |
| 13                       | 144103009 | 4    | イトチヨウシサラオサエ     | TENSION DISC PRESSER            |      |
| 14                       | S20678001 | 2    | イトチヨウシハ"ネL      | TENSION SPRING (L)              |      |
| 15                       | S20679001 | 1    | イトチヨウシハ"ネM      | TENSION SPRING (M)              |      |
| 16                       | S20680001 | 1    | イトチヨウシハ"ネS      | TENSION SPRING (S)              |      |
| 17                       | S20681000 | 4    | チヨウシハ"ネウエサ"カ"ネ  | WASHER                          |      |
| 18-1                     | S20682003 | 1    | イトチヨウシナツト アカ    | TENSION NUT (RED)               |      |
| 18-2                     | S20682001 | 1    | イトチヨウシナツト ミズ"イロ | TENSION NUT (LIGHT BLUE)        |      |
| 18-3                     | S20682004 | 1    | イトチヨウシナツト キイ    | TENSION NUT (YELLOW)            |      |
| 18-4                     | S20682002 | 1    | イトチヨウシナツト ミト"リ  | TENSION NUT (GREEN)             |      |
| 19                       | S20683001 | 1    | ルーパ"イトアンナイ      | LOOPER THREAD GUIDE             |      |
| 20                       | 060400816 | 1    | ハ"イント"4X8       | SCREW 4X8                       |      |
| 21                       | 146592001 | 2    | イトアンナイハ"イフ"     | THREAD GUIDE PIPE               |      |
| 22                       | S23452001 | 2    | アナヒラ4X3.2       | SET SCREW 4X3.2                 |      |
| 23                       | S20684001 | 1    | イトアンナイ"タ"イ      | THREAD GUIDE BRACKET            |      |
| 24                       | 060400816 | 3    | ハ"イント"4X8       | SCREW 4X8                       |      |
| 25                       | S20685001 | 1    | シタルーパ"イトアンナイR   | UNDER LOOPER THREAD GUIDE (R)   |      |
| 26                       | S20686001 | 1    | ウフルーパ"イトアンナイR   | OVER LOOPER THREAD GUIDE (R)    |      |
| 27                       | S23418001 | 2    | シメネシ"4X5        | SCREW 4X5                       |      |
| 28                       | S21133001 | 1    | ウフルーパ"デンヒ"ンR    | OVER LOOPER THREAD TAKE-UP (R)  |      |
| 29                       | S21134001 | 1    | シタルーパ"デンヒ"ンR    | UNDER LOOPER THREAD TAKE-UP (R) |      |
| 30                       | 060300416 | 1    | ハ"イント"3X4       | SCREW M3X4                      |      |
| 31                       | S21135001 | 1    | ルーパ"デンヒ"ンL      | LOOPER THREAD TAKE-UP (L)       |      |
| 32                       | 060400616 | 2    | ハ"イント"4X6       | SCREW M4X6                      |      |
| 33                       | S21137001 | 1    | ルーパ"イトアンナイM1    | LOOPER THREAD GUIDE (M1)        |      |
| 35                       | S21136001 | 1    | ウフルーパ"イトアンナイL   | OVER LOOPER THREAD GUIDE (L)    |      |
| 36                       | 060400816 | 1    | ハ"イント"4X8       | SCREW 4X8                       |      |
| 37                       | S20687001 | 1    | シタルーパ"イトアンナイL   | UNDER LOOPER THREAD GUIDE (L)   |      |
| 38                       | S21127001 | 1    | ハリイトアンナイC       | NEEDLE THREAD GUIDE (C)         |      |
| 39                       | 060400616 | 1    | ハ"イント"4X6       | SCREW M4X6                      |      |
| 40                       | S21126001 | 1    | ハリイトアンナイB       | NEEDLE THREAD GUIDE (B)         |      |
| 41                       | 060400616 | 1    | ハ"イント"4X6       | SCREW M4X6                      |      |
| 42-1                     | S21130001 | 1    | ハリイトデンヒ"ンA      | NEEDLE THREAD TAKE-UP (A)       |      |
| 43                       | 060400816 | 2    | ハ"イント"4X8       | SCREW 4X8                       |      |
| 44                       | S21125001 | 1    | ハリイトアンナイA       | NEEDLE THREAD GUIDE (A)         |      |
| 45                       | 060400616 | 1    | ハ"イント"4X6       | SCREW M4X6                      |      |
| 46                       | S20688001 | 1    | ハリイトオサエホルダー     | NEEDLE THREAD HOLDER            |      |
| 47                       | 146427001 | 2    | アナトメネシ"3.18クボ"ミ | SET SCREW 3.18                  |      |
| 48                       | S20689001 | 1    | ハリイトオサエカラー      | NEEDLE THREAD PRESSER COLLAR    |      |
| 49                       | S20690001 | 1    | ハリイトオサエハ"ネ      | SPRING                          |      |
| 50                       | S20691001 | 1    | ハリイトオサエイタ       | NEEDLE THREAD PRESSER PLATE     |      |
| 51                       | S20743001 | 1    | ハリイトアンナイ        | NEEDLE THREAD GUIDE             |      |
| 52                       | 062660512 | 1    | ナヘ"コネシ"318-40X5 | SCREW 318X5                     |      |
| 53                       | S20694001 | 1    | ルーパ"イトアンナイ      | LOOPER THREAD GUIDE             |      |
| 54                       | 062400816 | 1    | ナヘ"コ4X8         | SCREW 4X8                       |      |
| 55                       | S20695001 | 1    | DLイトアンナイハ"イフ"   | THREAD GUIDE PIPE               |      |
| 56                       | S20696001 | 1    | イトアンナイハ"イフ"ササエ  | THREAD GUIDE PIPE SUPPORT       |      |
| 57                       | 062400816 | 1    | ナヘ"コ4X8         | SCREW 4X8                       |      |
| 58                       | S20697001 | 1    | DLチヨウシサライトアンナイ  | TENSION DISC THREAD GUIDE       |      |
| 60                       | S20698001 | 1    | イトチヨウシホ"ウ       | TENSION STUD                    |      |
| 61                       | 144504001 | 2    | イトアンナイサラ        | THREAD GUIDE DISC               |      |
| 62                       | 158782101 | 1    | プレテンションハ"ネ      | PRE TENSION SPRING              |      |
| <オプションパーツ /OPTION PARTS> |           |      |                 |                                 |      |
| 42-2                     | S21132001 | 1    | ハリイトデンヒ"ンC      | NEEDLE THREAD TAKE-UP (C)       |      |



N. 糸調子関係 / Thread tension / Faderspannung /  
Tension du fil / Tensión del hilo

| REF.NO. | CODE      | Q'TY | ヒンメイ          | NAME OF PARTS           | RMKS |
|---------|-----------|------|---------------|-------------------------|------|
| 63      | 155510001 | 1    | イトチヨウシナツト     | TENSION NUT             |      |
| 64      | S20699001 | 1    | イトサハ"キト"タイ    | THREAD HANDLER BRACKET  |      |
| 65      | 028050242 | 1    | ハ"ネサ"カ"ネ2-5   | SPRING WASHER 2-5       |      |
| 66      | S20342001 | 1    | タ"ンネシ"4       | STUD SCREW 4            |      |
| 67      | S20701001 | 1    | デンビ"ンイトサハ"キ   | THREAD HANDLER          |      |
| 68      | 060400616 | 1    | ハ"イント"M4X6    | SCREW M4X6              |      |
| 69      | 150813001 | 1    | ト"タイオサエハ"ネ    | SPRING                  |      |
| 70      | 062350416 | 1    | ナヘ"コM3.5X4    | SCREW M3.5X4            |      |
| 71      | S20702001 | 2    | DLデンビ"ンイトアンナイ | THREAD TAKE-UP GUIDE    |      |
| 72      | S20158001 | 2    | ナヘ"コ25X3      | SCREW 25X3              |      |
| 73      | S20703001 | 1    | DLデンビ"ンクミ     | THREAD TAKE-UP ASSEMBLY |      |
| 74      | S23452001 | 2    | アナヒラ4X3.2     | SET SCREW 4X3.2         |      |
| 75      | S20707001 | 1    | DLイトアンナイA     | THREAD GUIDE (A)        |      |
| 76      | 062400816 | 1    | ナヘ"コ4X8       | SCREW 4X8               |      |

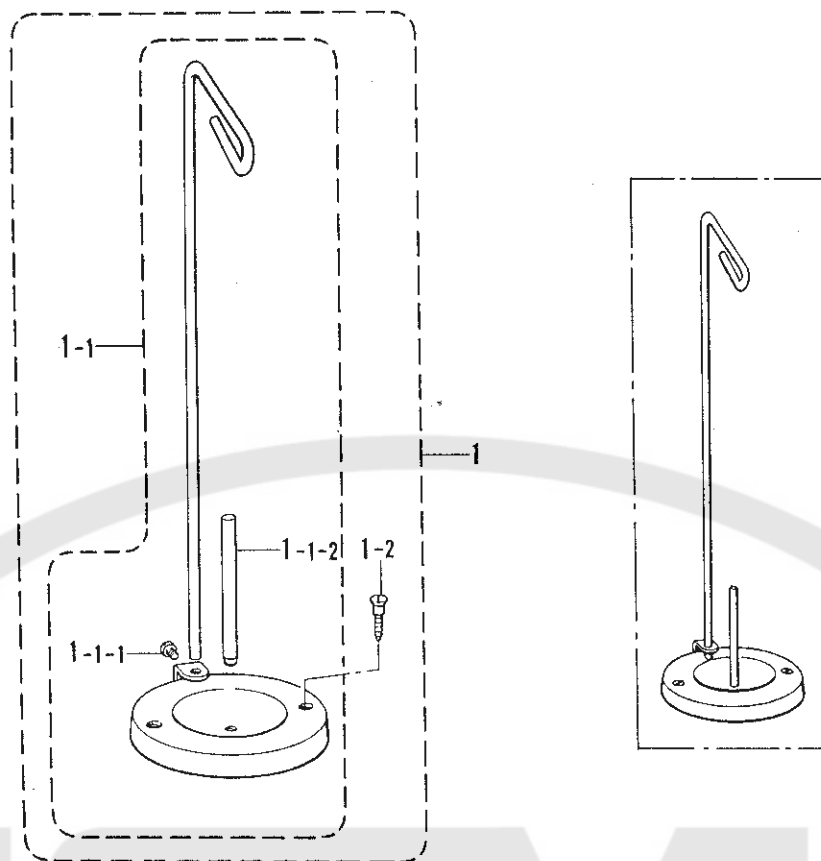
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Q. テープワインダー関係 / Tape winder mechanism / Bandaufwickelvorrichtung /  
Mécanisme de l'enrouleur de ruban / Mecanismo bobinador de cinta

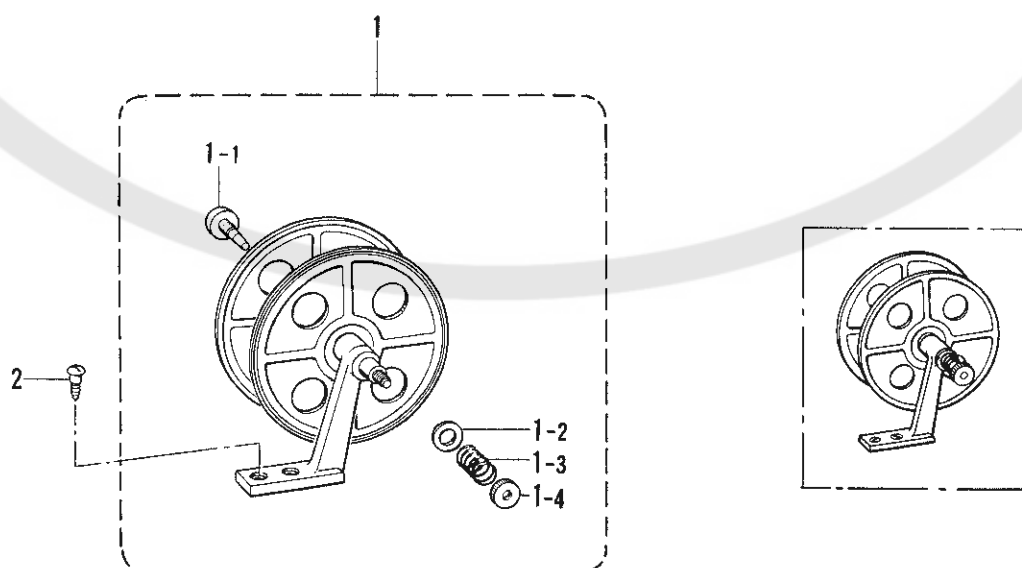
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P. ヒモ案内関係 / Gimp guide mechanism / Schnurführung /  
Mécansisme du guide-fil / Mecanismo guía del hilo

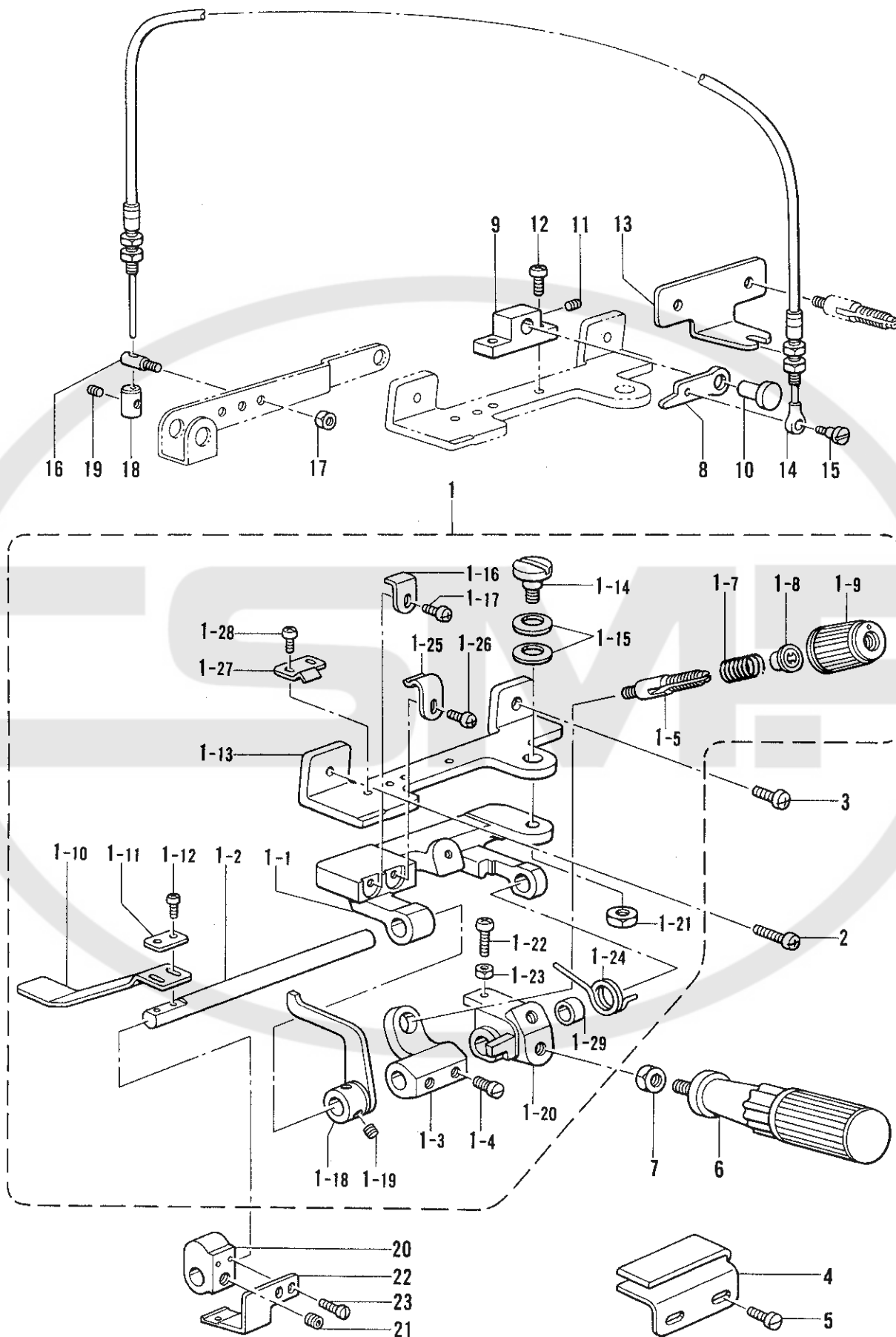
| REF.NO. | CODE      | Q'TY | ヒンメイ            | NAME OF PARTS           | RMKS |
|---------|-----------|------|-----------------|-------------------------|------|
| 1       | S20130009 | 1    | イトタデタ"イクミネシ"ツキ  | COTTON STAND WITH SCREW |      |
| 1-1     | S20131009 | 1    | イトタデタ"イクミ       | COTTON STAND ASSEMBLY   |      |
| 1-1-1   | S20134001 | 1    | シメネシ"W476-24X10 | SCREW W476X10           |      |
| 1-1-2   | S20135001 | 1    | イトタデホ"ウ         | SPOOL PIN               |      |
| 1-2     | 035412006 | 2    | マルサラモクネシ"4.1X20 | SCREW4.1X20             |      |

Q. テープワインダー関係 / Tape winder mechanism / Bandaufwickelvorrichtung /  
Mécansisme de l'enrouleur de ruban / Mecanismo bobinador de cinta

| REF.NO. | CODE      | Q'TY | ヒンメイ          | NAME OF PARTS        | RMKS |
|---------|-----------|------|---------------|----------------------|------|
| 1       | 143767002 | 1    | テープワインダー"クミ   | TAPE WINDER ASSEMBLY |      |
| 1-1     | 143980001 | 1    | ツマミネシ"        | SCREW                |      |
| 1-2     | 108494001 | 1    | サ"カ"ネ         | WASHER               |      |
| 1-3     | 108495001 | 1    | テープワインタ"オシハ"ネ | SPRING               |      |
| 1-4     | 100136001 | 1    | イトチヨウシナツト     | TENSION NUT          |      |
| 2       | 101118001 | 2    | マルモクネシ"4.5X20 | SCREW 4.5X20         |      |

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R. ラフラー装置関係/Ruffling attachment/Kräuselvorrichtung/  
Accessoire pour fronces/Accessorio de fruncido

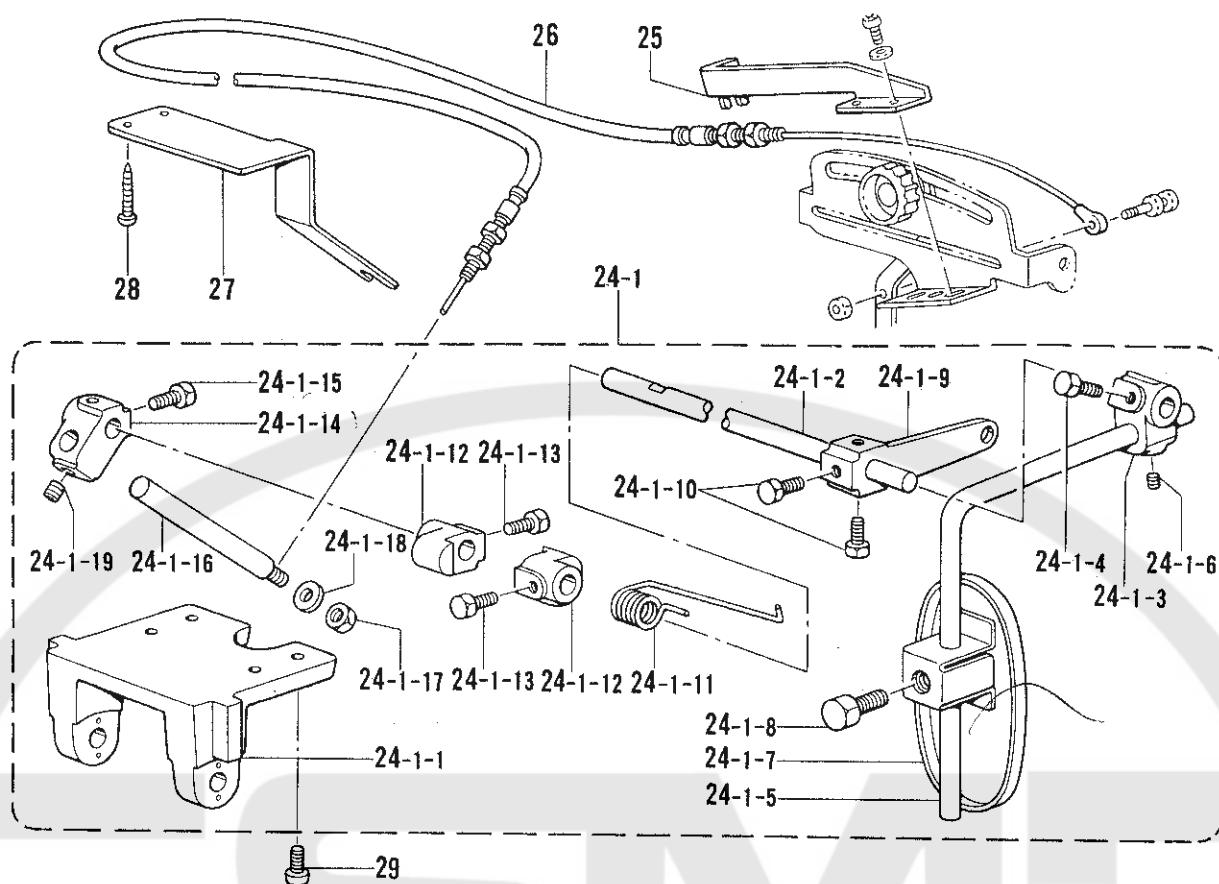
| REF.NO. | CODE      | Q'TY | 品名             | NAME OF PARTS                  | RMKS |
|---------|-----------|------|----------------|--------------------------------|------|
| 1       | S21365001 | 1    | シャーリング"ソウチクミ   | SHIRRING ATTACHMENT ASSEMBLY   |      |
| 1-1     | S21294001 | 1    | キシ"オサエタイ       | RUFFLING BLADE BRACKET         |      |
| 1-2     | S21295001 | 1    | キシ"オサエトリツケシ"ク  | RUFFLING BLADE BASE SHAFT      |      |
| 1-3     | S21305001 | 1    | ハ"ネウケ          | SPRING BASE                    |      |
| 1-4     | S23777001 | 2    | アタマツキトメネジ"6    | SET SCREW 6                    |      |
| 1-5     | S20676001 | 1    | イトチヨウシホ"ウ      | TENSION STUD                   |      |
| 1-7     | S23775001 | 1    | コイルハ"ネ         | COIL SPRING                    |      |
| 1-8     | S20681000 | 1    | チヨウシハ"ネウエサ"カ"ネ | WASHER                         |      |
| 1-9     | S20682005 | 1    | イトチヨウシナット      | TENSION NUT                    |      |
| 1-10    | S21366001 | 1    | キシ"オサエ         | RUFFLING BLADE                 |      |
| 1-11    | 144784001 | 1    | キシ"オサエサ"カ"ネ    | WASHER                         |      |
| 1-12    | 062300816 | 2    | ナヘ"コM3X8       | SCREW M3X8                     |      |
| 1-13    | S21297001 | 1    | ラフラーソウチトリツケタ"イ | RUFFLER BASE                   |      |
| 1-14    | S21306001 | 1    | タ"ンネシ"6        | STUD SCREW 6                   |      |
| 1-15    | S21307001 | 2    | ハ"ネサ"カ"ネ       | SPRING WASHER                  |      |
| 1-16    | S21298001 | 1    | キシ"オサエアンナイ     | RUFFLING BLADE GUIDE           |      |
| 1-17    | 062350816 | 1    | ナヘ"コM3.5X8     | SCREW M3.5X8                   |      |
| 1-18    | S21299001 | 1    | キシ"オサエアケ"      | CLOTH PRESSER BAR LIFTER       |      |
| 1-19    | S23651001 | 2    | アナヒラ6X6ホソメ     | SET SCREW 6X6                  |      |
| 1-20    | S21300001 | 1    | ハント"ルトリツケイタ    | HANDLE SET PLATE               |      |
| 1-21    | 021060306 | 1    | 3シユナツト6        | NUT 6                          |      |
| 1-22    | 062401616 | 1    | ナヘ"コ4X16       | SCREW 4X16                     |      |
| 1-23    | 021400216 | 1    | 2シユナツト4        | NUT 4                          |      |
| 1-24    | S21301001 | 1    | ハント"ルモト"シハ"ネ   | SPRING                         |      |
| 1-25    | S21302001 | 1    | キシ"オサエタイトメハ"ネU | SPRING PLATE (U)               |      |
| 1-26    | 062350616 | 1    | ナヘ"コM3.5X6     | SCREW M3.5X6                   |      |
| 1-27    | S21303001 | 1    | キシ"オサエタイトメハ"ネD | SPRING PLATE (D)               |      |
| 1-28    | 062350516 | 2    | ナヘ"コ3.5X5      | SCREW 3.5X5                    |      |
| 1-29    | S21304001 | 1    | カラー            | COLLAR                         |      |
| 2       | 062401616 | 1    | ナヘ"コ4X16       | SCREW 4X16                     |      |
| 3       | 060401016 | 1    | ハ"イント"4X10     | SCREW M4X10                    |      |
| 4       | S21590000 | 1    | キシ"アンナイ        | RUFFLER GUIDE                  |      |
| 5       | S23418001 | 1    | シメネシ"4X5       | SCREW 4X5                      |      |
| 6       | S23779001 | 1    | ハント"ル          | HANDLE                         |      |
| 7       | 021060306 | 1    | 3シユナツト6        | NUT 6                          |      |
| 8       | S21310001 | 1    | キシ"オサエアケ"レハ"ー  | CLOTH PRESSER BAR LIFTER LEVER |      |
| 9       | S21311001 | 1    | オサエアケ"タ"イ      | PRESSER BAR LIFTER BRACKET     |      |
| 10      | S21312001 | 1    | ピン"6.35        | PIN 6.35                       |      |
| 11      | 012060636 | 1    | アナヒラ6X6        | SET SCREW 6X6                  |      |
| 12      | 062350816 | 2    | ナヘ"コ3.5X8      | SCREW 3.5X8                    |      |
| 13      | S21313001 | 1    | ワイヤートリツケイタ     | WIRE SET PLATE                 |      |
| 14      | S21314001 | 1    | フレキシブルワイヤークミ   | FLEXIBLE WIRE ASSEMBLY         |      |
| 15      | S23774001 | 1    | タ"ンネシ"3.5      | STUD SCREW 3.5                 |      |
| 16      | S21315001 | 1    | スタツト"M4        | STUD M4                        |      |
| 17      | 021400216 | 1    | 2シユナツト4        | NUT 4                          |      |
| 18      | S21316001 | 1    | ワイヤーストツハ"ー     | WIRE STOPPER                   |      |
| 19      | 012400436 | 1    | アナヒラ4X4        | SET SCREW 4X4                  |      |
| 20      | S21368001 | 1    | ラツハ"ート"タ"イ     | LAPPER BASE                    |      |
| 21      | S23651001 | 1    | アナヒラ6X6ホソメ     | SET SCREW 6X6                  |      |
| 22      | S21369001 | 1    | ラツハ"ートリツケイタ    | LAPPER SET PLATE               |      |
| 23      | S20355001 | 2    | シメネシ"3X8.5     | SCREW 3X8.5                    |      |

R. ラフラー装置関係 / Ruffling attachment / Kräuselvorrichtung /  
Accessoire pour fronces / Accesorio de fruncido

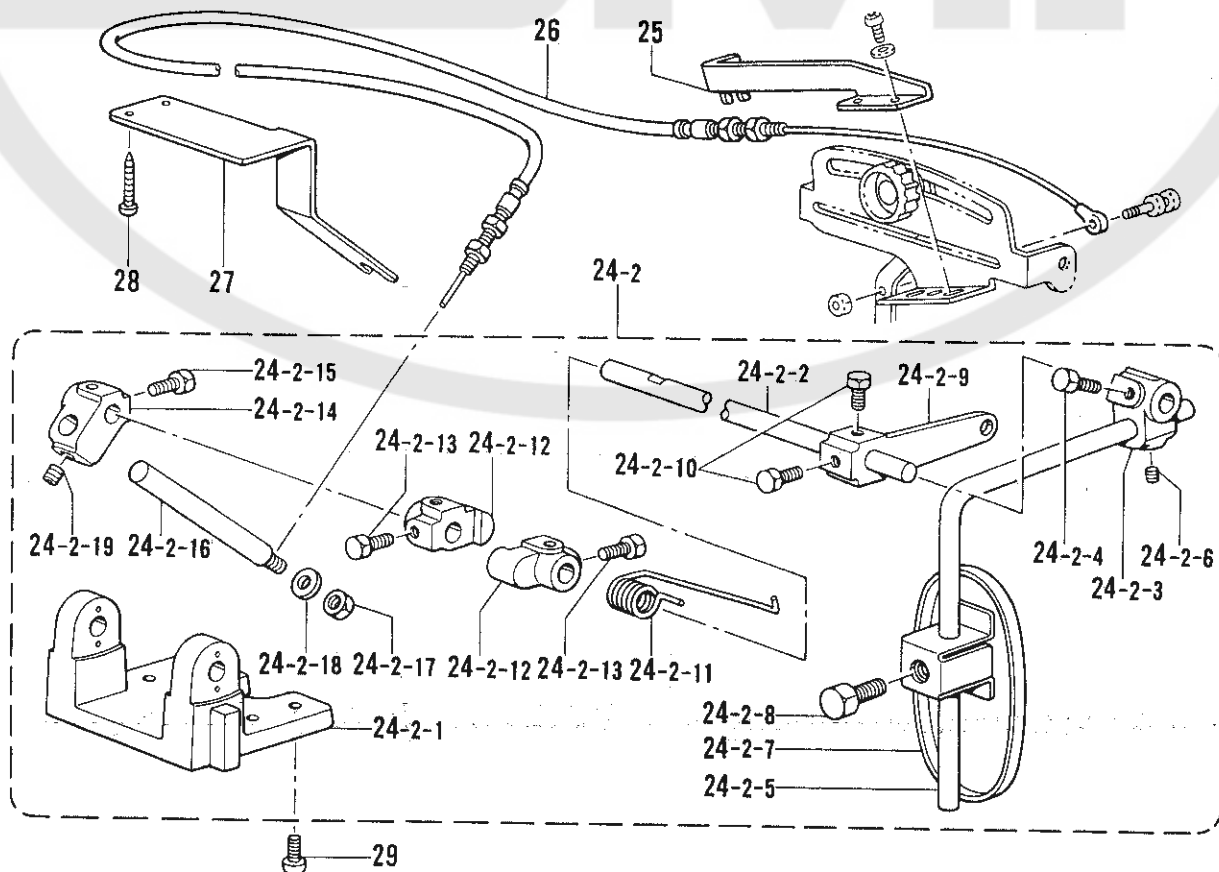
半沈用 / FOR SEMI-SUBMERGED

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全沈用 / FOR FULL-SUBMERGED  
オプションパーツ / OPTION PARTS



R. ラフラー装置関係 / Ruffling attachment / Kräuselvorrichtung /  
Accessoire pour fronces / Accesorio de fruncido

| REF.NO. | CODE      | Q'TY | ヒンメイ            | NAME OF PARTS                       | RMKS |
|---------|-----------|------|-----------------|-------------------------------------|------|
| 24-1    | S21387001 | 1    | サト"ウチヨウセツクミ     | DIFFERENTIAL FEED ADJUSTER ASSEMBLY |      |
| 24-1-1  | 155197101 | 1    | ヒザ"アテヨコシ"クウケ    | KNEE LIFTER SHAFT BRACKET           |      |
| 24-1-2  | S21388001 | 1    | ヨコシ"ク           | KNEE LIFTER SHAFT                   |      |
| 24-1-3  | 155199101 | 1    | ヒザ"アテツキ"テ       | KNEE LIFTER BRACKET                 |      |
| 24-1-4  | 017781012 | 2    | ボ"ルト6.35X10     | BOLT 6.35X10                        |      |
| 24-1-5  | 148797001 | 1    | ヒザ"アケ"タテシ"クS    | KNEE LIFTER BAR (S)                 |      |
| 24-1-6  | 014780622 | 1    | トメネシ"6.35クボ"ミ   | SET SCREW 6.35                      |      |
| 24-1-7  | 148798009 | 1    | ヒザ"アテL          | KNEE LIFTER PLATE (L)               |      |
| 24-1-8  | 100463001 | 1    | 4カクボ"ルト7.94     | BOLT 7.94                           |      |
| 24-1-9  | 155201201 | 1    | ヒザ"アテレハ"ー       | KNEE LIFTER LEVER                   |      |
| 24-1-10 | 017781012 | 2    | ボ"ルト6.35X10     | BOLT 6.35X10                        |      |
| 24-1-11 | S21377001 | 1    | ヒザ"アテレハ"ーハ"ネ    | SPRING                              |      |
| 24-1-12 | S21378001 | 2    | ヨコシ"クトメク"       | COLLAR                              |      |
| 24-1-13 | 017781012 | 4    | ボ"ルト6.35X10     | BOLT 6.35X10                        |      |
| 24-1-14 | 155199101 | 1    | ヒザ"アテツキ"テ       | KNEE LIFTER BRACKET                 |      |
| 24-1-15 | 017781012 | 2    | ボ"ルト6.35X10     | BOLT 6.35X10                        |      |
| 24-1-16 | S21382001 | 1    | ワイヤトリツケボ"ウ      | WIRE SET BAR                        |      |
| 24-1-17 | 110744002 | 1    | ナット6.35         | NUT 6.35                            |      |
| 24-1-18 | 025770232 | 1    | ヒラサ"カ"ネチユウ6.35  | PLAIN WASHER 6.35                   |      |
| 24-1-19 | 014780622 | 1    | アナトメネシ"6.35クボ"ミ | SET SCREW 6.35                      |      |
| 25      | S21385001 | 1    | ワイヤトリツケイタ       | WIRE SET PLATE                      |      |
| 26      | S21383001 | 1    | フレキシブルワイヤ       | FLEXIBLE WIRE                       |      |
| 27      | S21384001 | 1    | ワイヤトリツケイタ       | WIRE SET PLATE                      |      |
| 28      | 032422505 | 2    | +マルモクネシ"4.1X25  | SCREW 4.1X25                        |      |
| 29      | 062401016 | 4    | ナヘ"コ4X10        | SCREW 4X10                          |      |
| 24-2    | S21374001 | 1    | サト"ウチヨウセツクミ     | DIFFERENTIAL FEED ADJUSTER ASSEMBLY |      |
| 24-2-1  | 155197101 | 1    | ヒザ"アテヨコシ"クウケ    | KNEE LIFTER SHAFT BRACKET           |      |
| 24-2-2  | S21388001 | 1    | ヨコシ"ク           | KNEE LIFTER SHAFT                   |      |
| 24-2-3  | 155199101 | 1    | ヒザ"アテツキ"テ       | KNEE LIFTER BRACKET                 |      |
| 24-2-4  | 017781012 | 2    | ボ"ルト6.35X10     | BOLT 6.35X10                        |      |
| 24-2-5  | 148797001 | 1    | ヒザ"アケ"タテシ"クS    | KNEE LIFTER BAR (S)                 |      |
| 24-2-6  | 014780622 | 1    | トメネシ"6.35クボ"ミ   | SET SCREW 6.35                      |      |
| 24-2-7  | 148798009 | 1    | ヒザ"アテL          | KNEE LIFTER PLATE (L)               |      |
| 24-2-8  | 100463001 | 1    | 4カクボ"ルト7.94     | BOLT 7.94                           |      |
| 24-2-9  | 155201201 | 1    | ヒザ"アテレハ"ー       | KNEE LIFTER LEVER                   |      |
| 24-2-10 | 017781012 | 2    | ボ"ルト6.35X10     | BOLT 6.35X10                        |      |
| 24-2-11 | S21377001 | 1    | ヒザ"アテレハ"ーハ"ネ    | SPRING                              |      |
| 24-2-12 | S21378001 | 2    | ヨコシ"クトメク"       | COLLAR                              |      |
| 24-2-13 | 017781012 | 4    | ボ"ルト6.35X10     | BOLT 6.35X10                        |      |
| 24-2-14 | 155199101 | 1    | ヒザ"アテツキ"テ       | KNEE LIFTER BRACKET                 |      |
| 24-2-15 | 017781012 | 2    | ボ"ルト6.35X10     | BOLT 6.35X10                        |      |
| 24-2-16 | S21382001 | 1    | ワイヤトリツケボ"ウ      | WIRE SET BAR                        |      |
| 24-2-17 | 110744002 | 1    | ナット6.35         | NUT 6.35                            |      |
| 24-2-18 | 025770232 | 1    | ヒラサ"カ"ネチユウ6.35  | PLAIN WASHER 6.35                   |      |
| 24-2-19 | 014780622 | 1    | アナトメネシ"6.35クボ"ミ | SET SCREW 6.35                      |      |
| 25      | S21385001 | 1    | ワイヤトリツケイタ       | WIRE SET PLATE                      |      |
| 26      | S21383001 | 1    | フレキシブルワイヤ       | FLEXIBLE WIRE                       |      |
| 27      | S21384001 | 1    | ワイヤトリツケイタ       | WIRE SET PLATE                      |      |
| 28      | 032422505 | 2    | +マルモクネシ"4.1X25  | SCREW 4.1X25                        |      |
| 29      | 062401016 | 4    | ナヘ"コ4X10        | SCREW 4X10                          |      |

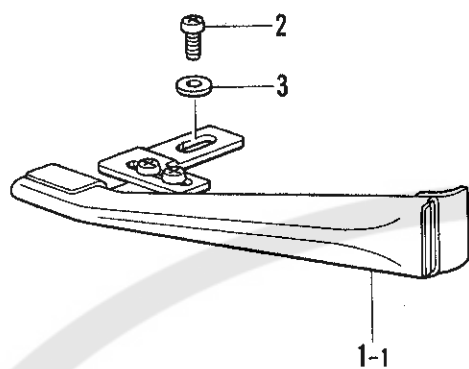
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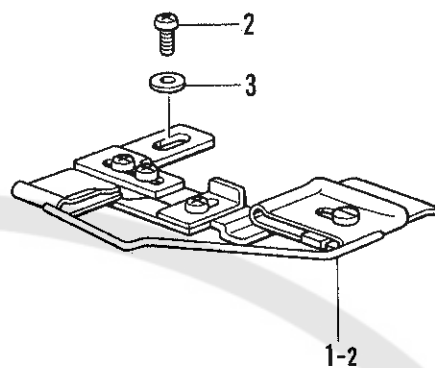
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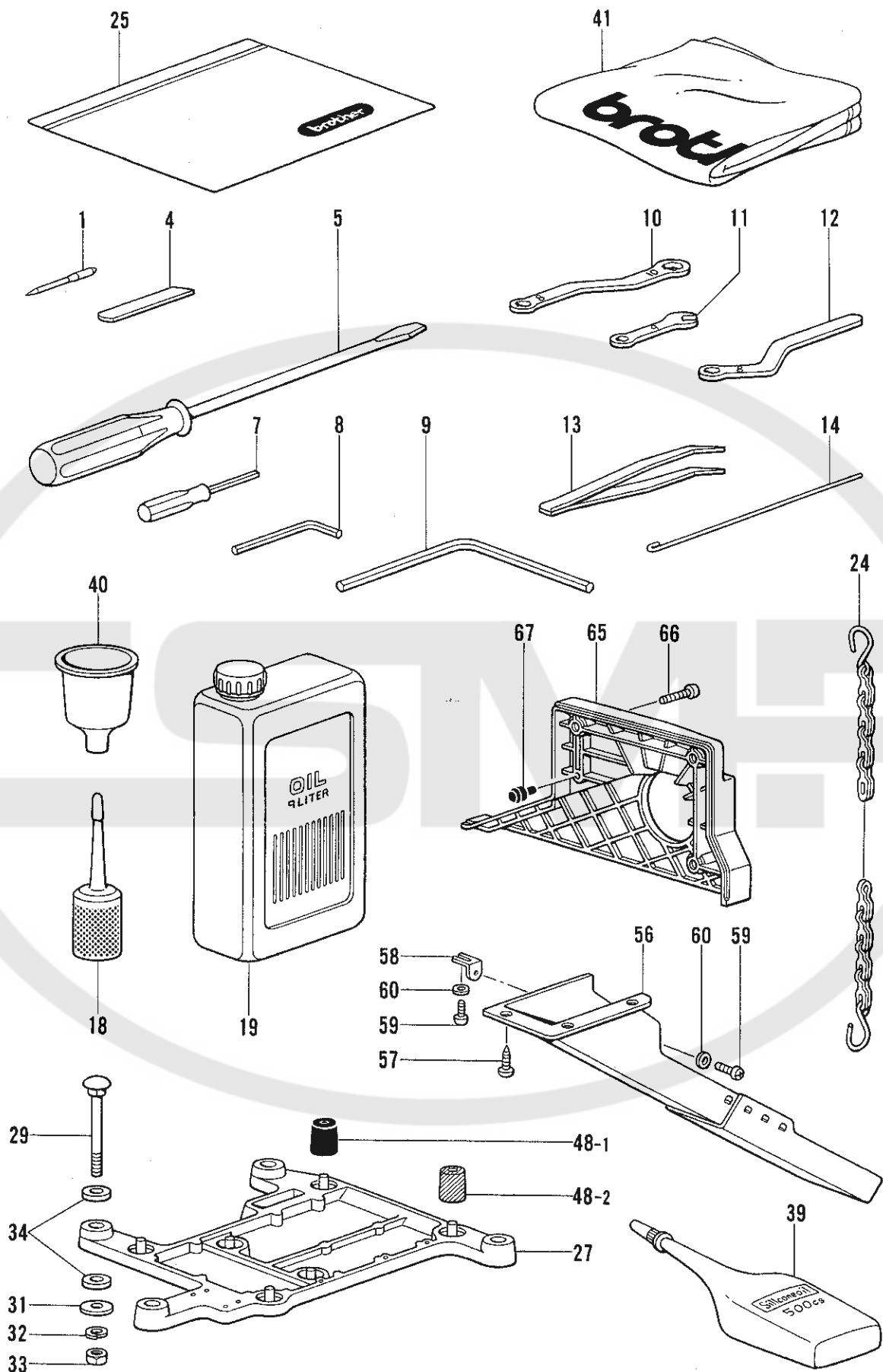


オプションパーツ /OPTION PARTS



S. ラッパ-関係/Lapper mechanism/Falz-Mechanismus/  
Mécanisme à rabat/Mecanismo de solapado

| REF.NO. | CODE      | Q'TY | ヒンメイ          | NAME OF PARTS    | RMKS |
|---------|-----------|------|---------------|------------------|------|
| 1-1     | S21370001 | 1    | ラッパ-クミ        | LAPPER ASSEMBLY  |      |
| 1-2     | S21372001 | 1    | ラッパ-クミ        | LAPPER ASSEMBLY  |      |
| 2       | 062350616 | 1    | ナヘ"コM3.5X6    | SCREW M3.5X6     |      |
| 3       | 025350332 | 1    | ヒラザ"カ"ネタ"イ3.5 | PLAIN WASHER 3.5 |      |

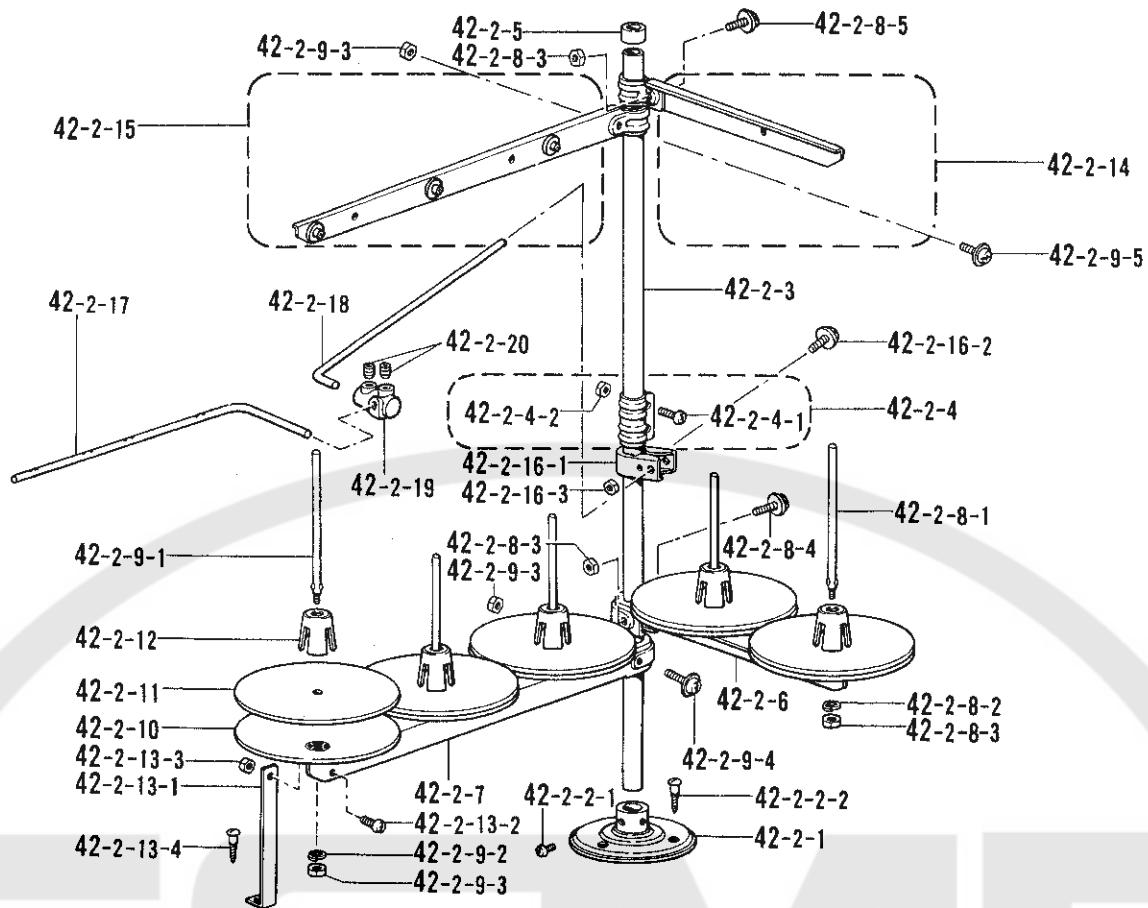


◎ 付属品の明細は変更することがあります。  
 ◎ The details of included accessories are subject to change.  
 ◎ Änderungen in der Aufstellung der Mitgelieferten Zubehöre sind vorbehalten.

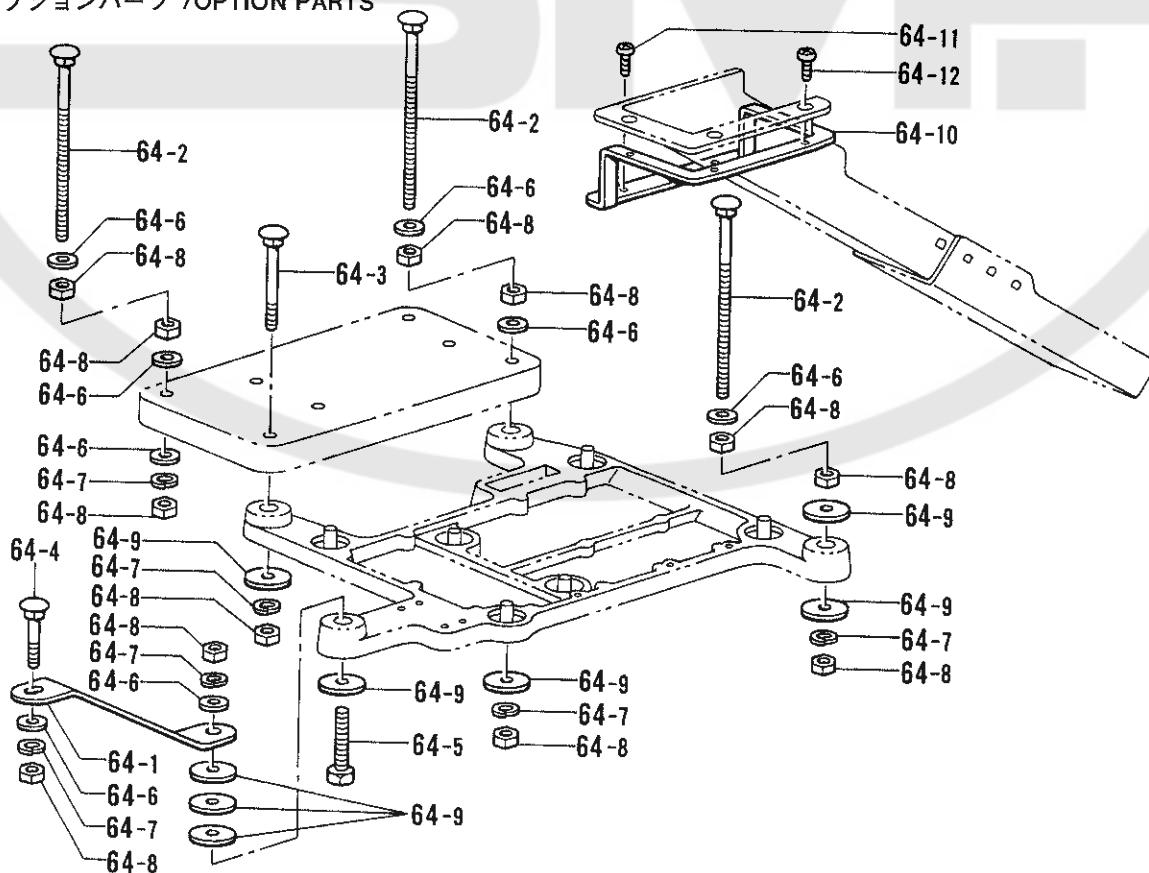
◎ Les détails des accessoires inclus sont sujets à des changements.  
 ◎ Los detalles de los accesorios incluidos pueden variar.

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

| REF.NO. | CODE      | Q'TY | ヒンメイ            | NAME OF PARTS            | RMKS |
|---------|-----------|------|-----------------|--------------------------|------|
| 1       | *         | 8    | ミシンハリDCX27      | NEEDLE DCX27             |      |
| 4       | S20582001 | 1    | シタメス (T=1.5)    | LOWER KNIFE (T=1.5)      |      |
| 5       | 101572101 | 1    | ネジ"マワシ"5.5X190  | SCREW DRIVER 5.5X190     |      |
| 7       | S01943001 | 1    | 6カクホ"ウネシ"マワシ1.6 | SCREW DRIVER 1.6         |      |
| 8       | 142002001 | 1    | 6カクホ"ウスハ"ナ2     | HEXAGONAL WRENCH 2       |      |
| 9       | 149570001 | 1    | 6カクホ"ウスハ"ナ5     | HEXAGONAL WRENCH 5       |      |
| 10      | S23356001 | 1    | メカ"ネレンチ"8X10    | WRENCH 8X10              |      |
| 11      | S23363001 | 1    | スハ"ナ6           | SPANNER 6                |      |
| 12      | S20723001 | 1    | メカ"ネレンチ"8       | WRENCH 8                 |      |
| 13      | 117466000 | 1    | ピンセット           | PINCETTE                 |      |
| 14      | S24473000 | 1    | イトトオシ           | THREADER                 |      |
| 18      | S06701000 | 1    | ポリオイルークミ        | POLY OILER ASSEMBLY      |      |
| 19      | 145277105 | 1    | オイルタンク          | OIL TANK                 |      |
| 24      | 142262001 | 1    | クザリフクミ          | CHAIN (F) ASSEMBLY       |      |
| 25      | 122991001 | 1    | フゾクヒンポリフクロ      | ACCESSORY BAG            |      |
| 27      | S20718000 | 1    | トウブ"ウケ          | HEAD PLATE               |      |
| 29      | 210973001 | 4    | カクネホ"ルト"8X85    | BOLT 8X85                |      |
| 31      | 213650001 | 4    | ワ2.3X8.5X38ST   | WASHER 2.3X8.5X38ST      |      |
| 32      | 028080242 | 4    | ハ"ネサ"カ"ネ2-8     | SPRING WASHER 2-8        |      |
| 33      | 021080106 | 4    | ナツト1シユ8         | NUT 8                    |      |
| 34      | S20719000 | 8    | クツシヨ            | CUSHION                  |      |
| 39      | S06704001 | 1    | シリコンオイル         | SILICONE OIL             |      |
| 40      | S20769000 | 1    | シ"ヨーコ"          | FUNNEL                   |      |
| 41      | 144225002 | 1    | トウブ"カハ"ー        | HEAD COVER               |      |
| 48-1    | 147919001 | 1    | ホ"ウシンゴ"ム        | RUBBER CUSHION           |      |
| 48-2    | 147919002 | 3    | ホ"ウシンゴ"ム        | RUBBER CUSHION           |      |
| 56      | 183797009 | 1    | タ"スターシュートクミ     | DUSTER SHOOT ASSEMBLY    |      |
| 57      | 031411304 | 4    | マルモクネシ"4.1X13   | SCREW 4.1X13             |      |
| 58      | S23353001 | 1    | タ"スターシュートササエS   | DUSTER SHOOT SUPPORT (S) |      |
| 59      | 062400616 | 2    | ナヘ"コM4X6        | SCREW M4X6               |      |
| 60      | 025040332 | 2    | ヒラサ"カ"ネタ"イ4     | PLAIN WASHER 4           |      |
| 65      | S20312000 | 1    | ヘルトカハ"ー         | BELT COVER               |      |
| 66      | 062061416 | 3    | ナヘ"コ6X14        | SCREW 6X14               |      |
| 67      | S20412000 | 1    | メクラセン           | OIL CAP                  |      |



オプションパーツ / OPTION PARTS



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

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

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

| REF.NO.                  | CODE      | Q'TY | ヒンメイ           | NAME OF PARTS                | RMKS |
|--------------------------|-----------|------|----------------|------------------------------|------|
| 42-2                     | S02770309 | 1    | イトタテダ"イクミ5THF  | COTTON STAND ASSEMBLY 5THF   |      |
| 42-2-1                   | 150189109 | 1    | フ"ラケット         | COTTON STAND BASE            |      |
| 42-2-2                   | S02773001 | 1    | フ"ラケットネジ"セット   | COTTON STAND BASE SCREW SET  |      |
| 42-2-2-1                 | 062060806 | 2    | ナヘ"コ6X8        | SCREW 6X8                    |      |
| 42-2-2-2                 | 031452206 | 3    | マルモク45X22      | SCREW 45X22                  |      |
| 42-2-3                   | 150172003 | 2    | コラムパイプ         | COLUMN PIPE                  |      |
| 42-2-4                   | 150106003 | 1    | コラムジョイントクミ     | COLUMN JOINT ASSEMBLY        |      |
| 42-2-4-1                 | 062501406 | 2    | ナヘ"コ5X14       | SCREW 5X14                   |      |
| 42-2-4-2                 | 021500106 | 2    | 1シュナツト5        | NUT 5                        |      |
| 42-2-5                   | 150174000 | 1    | コラムキャップ        | COLUMN CAP                   |      |
| 42-2-6                   | S02778002 | 1    | スプールホルダー"2     | SPOOL HOLDER 2               |      |
| 42-2-7                   | S02779009 | 1    | スプールホルダー"3     | SPOOL HOLDER 3               |      |
| 42-2-8                   | S02780001 | 1    | スプールネジ"セット2    | SPOOL SCREW SET 2            |      |
| 42-2-8-1                 | 150179002 | 2    | スプールシャフトB      | SPOOL SHAFT (B)              |      |
| 42-2-8-2                 | 028050246 | 2    | ハ"ネサ"カ"ネ2-5    | SPRING WASHER 2-5            |      |
| 42-2-8-3                 | 021500106 | 4    | 1シュナツト5        | NUT 5                        |      |
| 42-2-8-4                 | 050503006 | 1    | ナヘ"コヒラサ"5X30   | WASHER SCREW 5X30            |      |
| 42-2-8-5                 | 050501406 | 1    | ナヘ"コヒラサ"5X14   | WASHER SCREW 5X14            |      |
| 42-2-9                   | S02782001 | 1    | スプールネジ"セット3    | SPOOL SCREW SET 3            |      |
| 42-2-9-1                 | 150179002 | 3    | スプールシャフトB      | SPOOL SHAFT (B)              |      |
| 42-2-9-2                 | 028050246 | 3    | ハ"ネサ"カ"ネ2-5    | SPRING WASHER 2-5            |      |
| 42-2-9-3                 | 021500106 | 5    | 1シュナツト5        | NUT 5                        |      |
| 42-2-9-4                 | 050503006 | 1    | ナヘ"コヒラサ"5X30   | WASHER SCREW 5X30            |      |
| 42-2-9-5                 | 050501406 | 1    | ナヘ"コヒラサ"5X14   | WASHER SCREW 5X14            |      |
| 42-2-10                  | 150180001 | 5    | ウケサ"ラ          | SPOOL STAND BASE             |      |
| 42-2-11                  | 150182000 | 5    | スプールマット        | SPOOL MAT                    |      |
| 42-2-12                  | 126863001 | 5    | スプ"ールクツシヨ      | SPOOL CUSHION                |      |
| 42-2-13                  | S02784009 | 1    | ホルダー"ササエAセット   | HOLDER SUPPORT (A) SET       |      |
| 42-2-13-1                | 150188009 | 1    | スプ"ールホルダー"ササエA | SPOOL HOLDER SUPPORT (A)     |      |
| 42-2-13-2                | 062501006 | 1    | ナヘ"コ5X10       | SCREW 5X10                   |      |
| 42-2-13-3                | 021500106 | 1    | 1シュナツト5        | NUT 5                        |      |
| 42-2-13-4                | 031452206 | 1    | マルモク45X22      | SCREW 45X22                  |      |
| 42-2-14                  | S02786002 | 1    | スレツト"ハンガ"ークミ2  | THREAD HANGER ASSEMBLY 2     |      |
| 42-2-15                  | S02788009 | 1    | スレツト"ハンガ"ークミ3  | THREAD HANGER ASSEMBLY 3     |      |
| 42-2-16                  | 150145009 | 1    | イトアンナイホルダー"ークミ | THREAD GUIDE HOLDER ASSEMBLY |      |
| 42-2-16-1                | 150185009 | 1    | イトアンナイホルダー     | THREAD GUIDE HOLDER          |      |
| 42-2-16-2                | 050503006 | 1    | ナヘ"コヒラサ"5X30   | WASHER SCREW 5X30            |      |
| 42-2-16-3                | 021500106 | 1    | 1シュナツト5        | NUT 5                        |      |
| 42-2-17                  | 142999101 | 1    | イトアンナイ5        | THREAD GUIDE 5               |      |
| 42-2-18                  | S04109001 | 1    | イトアンナイササエホ"ウ   | THREAD GUIDE SUPPORT BAR     |      |
| 42-2-19                  | 138843001 | 1    | ササエホ"ウツキ"デ     | JOINT                        |      |
| 42-2-20                  | 014060632 | 2    | アナトメ6X6クホ"ミ    | SET SCREW 6X6                |      |
| <オプションパーツ /OPTION PARTS> |           |      |                |                              |      |
| 64                       | 183798001 | 1    | フルサブ"マージ"セット   | FULL SUBMERGED SET           |      |
| 64-1                     | S20721001 | 1    | トウブ"ウケササエ      | HEAD PLATE SUPPORT           |      |
| 64-2                     | 153318101 | 4    | カクネマルアタマホ"ルト   | BOLT                         |      |
| 64-3                     | 210973001 | 1    | カクネホ"ルト8X85    | BOLT 8X85                    |      |
| 64-4                     | 211964001 | 1    | カクネホ"ルト8X55    | BOLT 8X55                    |      |
| 64-5                     | 017085502 | 1    | ホ"ルトM8X55      | BOLT 8X55                    |      |
| 64-6                     | 025080236 | 11   | ヒラサ"ガ"ネチユウ8    | PLAIN WASHER 8               |      |
| 64-7                     | 028080242 | 7    | ハ"ネサ"カ"ネ2-8    | SPRING WASHER 2-8            |      |
| 64-8                     | 021080106 | 15   | ナツト1シユ8        | NUT 8                        |      |
| 64-9                     | 213650001 | 8    | ワ2.3X8.5X38ST  | WASHER2.3X8.5X38ST           |      |
| 64-10                    | S20722001 | 1    | ダ"スターシュー"ササエL  | DUSTER SHOOT SUPPORT (L)     |      |
| 64-11                    | 060400816 | 2    | ハ"イント"4X8      | SCREW 4X8                    |      |
| 64-12                    | 060400816 | 3    | ハ"イント"4X8      | SCREW 4X8                    |      |

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

| キシュ<br>MODEL | SUB<br>CLASS                 | シヨウ<br>SPEC                 | サンショウ ハンゴンウ<br>REF.NO. | C-10                                   | C-11                          | C-32                                                          | E-75                                      | E-75-1                      | E-75-2                         | E-77                                       |
|--------------|------------------------------|-----------------------------|------------------------|----------------------------------------|-------------------------------|---------------------------------------------------------------|-------------------------------------------|-----------------------------|--------------------------------|--------------------------------------------|
|              |                              |                             | ヒンメイ<br>PARTS          | ハルト"メクミ<br>NEEDLE<br>CLAMP<br>ASSEMBLY | ミシンハリDCX27<br>NEEDLE<br>DCX27 | ハリイタ<br>NEEDLE<br>PLATE                                       | シュオクリハ"クミ<br>MAIN<br>FEED DOG<br>ASSEMBLY | シュオクリハ"<br>MAIN<br>FEED DOG | ホジ"ヨオクリハ"<br>CHAIN<br>FEED DOG | サト"ウオクリハ"<br>DIFFEREN-<br>TIAL<br>FEED DOG |
| V91<br>V92   | 63-3<br>-4<br>-5<br>-6<br>-7 | イッパ"ンシ"ヌイ<br><br>THIN       |                        | S20404001                              | 151474014                     | S19197001<br>S19191001<br>S19192001<br>S20841001<br>S25531001 |                                           | S19233001<br>S19234001      | S19235001                      | S19250001<br>(V91)<br>S19252001<br>(V92)   |
| V92          | 63-4<br>-5                   | ↑<br>コマワリヨウ<br>SMALL TYPE   |                        | ↑                                      | ↑                             | S20235001<br>S20236001                                        | S20241001                                 | S20242001                   | S20243001                      | S25524001                                  |
| V92          | 64-5                         | イッパ"ンシ"ヌイ<br>THIN<br>MEDIUM |                        | ↑                                      | ↑                             | S19192001                                                     | S19233001                                 | S19234001                   | S19235001                      | S19252001                                  |
| V91<br>V92   | 65-3<br>-4<br>-5<br>-6<br>-7 | イッパ"ンシ"ヌイ<br><br>THICK      |                        | S20406001                              | 151474016                     | S25532001<br>S25533001<br>S19193001<br>S19194001<br>S25534001 | ↑                                         | ↑                           | ↑                              | S19250001<br>(V91)<br>S19253001<br>(V92)   |
| V92          | 66-5                         | イッパ"ンシ"ヌイ<br>THICK          |                        | ↑                                      | ↑                             | S19193001                                                     | ↑                                         | ↑                           | ↑                              | S19253001                                  |
| V92          | 69-4<br>-5<br>-6             | シャ-リング"<br>SHIRRING         |                        | S20404001                              | 151474014                     | S19191001<br>S19192001<br>S20841001                           | ↑                                         | ↑                           | ↑                              | S19252001                                  |
| V92          | 70-5                         | シャ-リング"<br>SHIRRING         |                        | ↑                                      | ↑                             | S19192001                                                     | ↑                                         | ↑                           | ↑                              | ↑                                          |
| V92          | 71-5<br>-6                   | シャ-リング"<br>SHIRRING         |                        | S20406001                              | ↑                             | S19193001<br>S19194001                                        | ↑                                         | ↑                           | ↑                              | S19253001                                  |
|              |                              |                             |                        |                                        |                               |                                                               |                                           |                             |                                |                                            |

| キシュ<br>MODEL | SUB<br>CLASS     | ショウ<br>SPEC                                   | サンショウ ハンゴウ<br>REF.NO. | C-10                                   | C-11                          | C-32                                | E-75                                      | E-75-1                     | E-75-2                        | E-77                                      |
|--------------|------------------|-----------------------------------------------|-----------------------|----------------------------------------|-------------------------------|-------------------------------------|-------------------------------------------|----------------------------|-------------------------------|-------------------------------------------|
|              |                  |                                               | ヒンメイ<br>PARTS         | ハリト"メクミ<br>NEEDLE<br>CLAMP<br>ASSEMBLY | ミシンハリDCX27<br>NEEDLE<br>DCX27 | ハリイタ<br>NEEDLE<br>PLATE             | シュオクリハ"クミ<br>MAIN<br>FEED DOG<br>ASSEMBLY | シュオクリハ<br>MAIN<br>FEED DOG | ホジ"ヨオクリハ<br>CHAIN<br>FEED DOG | サト"ウオクリハ<br>DIFFEREN-<br>TIAL<br>FEED DOG |
| V92          | 72-5             | シャ-リング"<br>SHIRRING                           |                       | S20406001                              | 151474014                     | S19193001                           | S19233001                                 | S19234001                  | S19235001                     | S19253001                                 |
| V92          | 75-4<br>-5<br>-6 | シャ-リング"<br>ハ°イビ°ンク"ツキ<br>SHIRRING<br>W/PIPING |                       | S20404001                              | ↑                             | S19191001<br>S19192001<br>S20841001 | ↑                                         | ↑                          | ↑                             | S19252001                                 |
| V92          | 76-5             | シャ-リング"<br>ハ°イビ°ンク"ツキ<br>SHIRRING<br>W/PIPING |                       | ↑                                      | ↑                             | S19192001                           | ↑                                         | ↑                          | ↑                             | ↑                                         |
| V92          | 77-5<br>-6       | シャ-リング"<br>ハ°イビ°ンク"ツキ<br>SHIRRING<br>W/PIPING |                       | S20406001                              | ↑                             | S19193001<br>S19194001              | ↑                                         | ↑                          | ↑                             | S19253001                                 |
| V92          | 78-5             | シャ-リング"<br>ハ°イビ°ンク"ツキ<br>SHIRRING<br>W/PIPING |                       | ↑                                      | ↑                             | S19193001                           | ↑                                         | ↑                          | ↑                             | ↑                                         |
| V91          | 92-5<br>-6<br>-7 | デ"ニム<br>HEAVY                                 |                       | S21104001                              | 151474018                     | S19195001<br>S19196001<br>S25668001 | ↑                                         | ↑                          | ↑                             | S19251001                                 |
| V92          | 92-5<br>-6<br>-7 | デ"ニム<br>HEAVY                                 |                       | ↑                                      | 151474021                     | S20843001<br>S19198001<br>S25669001 | S19228001                                 | S19229001                  | S19223001                     | S19254001                                 |
| V92          | 93-6             | デ"ニム<br>HEAVY                                 |                       | ↑                                      | ↑                             | S19198001                           | ↑                                         | ↑                          | ↑                             | ↑                                         |
|              |                  |                                               |                       |                                        |                               |                                     |                                           |                            |                               |                                           |

| サンショウ ハンゴウ<br>REF.NO. |                              |                             | F-102                                    | G-14-1      | G-14-2      | H-12             | Z-1             |  |  |
|-----------------------|------------------------------|-----------------------------|------------------------------------------|-------------|-------------|------------------|-----------------|--|--|
| ヒンメイ<br>PARTS         |                              |                             | ウフオクリハ                                   | ウワメス        | カクメス        | ウフルーハ            | ミジンハリDCX27      |  |  |
| キシュ<br>MODEL          |                              |                             | UPPER<br>FEED DOG                        | ANGLE KNIFE | ANGLE KNIFE | OVER<br>LOOPER   | NEERLE<br>DCX27 |  |  |
| SUB<br>CLASS          | ショウ<br>SPEC                  |                             |                                          |             |             |                  |                 |  |  |
| V91<br>V92            | 63-3<br>-4<br>-5<br>-6<br>-7 | イッパハンジ"ヌイ<br><br>THIN       | S19403001<br>(V91)<br>S19405001<br>(V92) | 144074200   | -----       | S20428001<br>(C) | 151474014       |  |  |
| V92                   | 63-4<br>-5                   | ↑<br>コマフリヨウ<br>SMALL TYPE   | S25096001                                | ↑           | -----       | ↑                | ↑               |  |  |
| V92                   | 64-5                         | イッパハンジ"ヌイ<br>THIN<br>MEDIUM | S19405001                                | ↑           | -----       | S20425001<br>(N) | ↑               |  |  |
| V91<br>V92            | 65-3<br>-4<br>-5<br>-6<br>-7 | イッパハンジ"ヌイ<br>THICK          | S19403001<br>(V91)<br>S19405001<br>(V92) | ↑           | -----       | S20428001<br>(C) | 151474016       |  |  |
| V92                   | 66-5                         | イツパハンジ"ヌイ<br>THICK          | S19405001                                | ↑           | -----       | S20425001<br>(N) | ↑               |  |  |
| V92                   | 69-4<br>-5<br>-6             | シャーリング"<br>SHIRRING         | ↑                                        | ↑           | -----       | S20438001<br>(G) | 151474014       |  |  |
| V92                   | 70-5                         | シャーリング"<br>SHIRRING         | ↑                                        | ↑           | -----       | S20429001<br>(Q) | ↑               |  |  |
| V92                   | 71-5<br>-6                   | シャーリング"<br>SHIRRING         | ↑                                        | ↑           | -----       | S20438001<br>(G) | ↑               |  |  |
|                       |                              |                             |                                          |             |             |                  |                 |  |  |

| サンショウ ハンゴウ<br>REF.NO. |                  |                                              | F-102                       | G-14-1              | G-14-2                               | H-12                    | Z-1                           |  |  |
|-----------------------|------------------|----------------------------------------------|-----------------------------|---------------------|--------------------------------------|-------------------------|-------------------------------|--|--|
| ヒンメイ<br>PARTS         |                  |                                              | ウワオクリハ<br>UPPER<br>FEED DOG | ウワメス<br>ANGLE KNIFE | カクメス<br>ANGLE KNIFE                  | ウフルーパ<br>OVER<br>LOOPER | ミシンハリDCX27<br>NEEDLE<br>DCX27 |  |  |
| キシュ<br>MODEL          | SUB<br>CLASS     | ショウ<br>SPEC                                  |                             |                     |                                      |                         |                               |  |  |
| V92                   | 72-5             | シャ-リング<br>SHIRRING                           | S19405001                   | 144074200           | -----                                | S20429001<br>(Q)        | 151474014                     |  |  |
| V92                   | 75-4<br>-5<br>-6 | シャ-リング<br>ハ-イヒ-ンク"ツキ<br>SHIRRING<br>W/PIPING | S20228001                   | ↑                   | -----                                | S20424001<br>(G)        | ↑                             |  |  |
| V92                   | 76-5             | シャ-リング<br>ハ-イヒ-ンク"ツキ<br>SHIRRING<br>W/PIPING | ↑                           | ↑                   | -----                                | S20423001<br>(Q)        | ↑                             |  |  |
| V92                   | 77-5<br>-6       | シャ-リング<br>ハ-イヒ-ンク"ツキ<br>SHIRRING<br>W/PIPING | ↑                           | ↑                   | -----                                | S20424001<br>(G)        | ↑                             |  |  |
| V92                   | 78-5             | シャ-リング<br>ハ-イヒ-ンク"ツキ<br>SHIRRING<br>W/PIPING | ↑                           | ↑                   | -----                                | S20423001<br>(Q)        | ↑                             |  |  |
| V91                   | 92-5<br>-6<br>-7 | デ-ニム<br>HEAVY                                | S19404001                   | -----               | S20897001<br>(WAVE EDGE)<br>(NARROW) | S20438001<br>(G)        | 151474018                     |  |  |
| V92                   | 92-5<br>-6<br>-7 | デ-ニム<br>HEAVY                                | S19406001                   | -----               | ↑                                    | ↑                       | 151474021                     |  |  |
| V92                   | 93-6             | デ-ニム<br>HEAVY                                | ↑                           | -----               | ↑                                    | S20429001<br>(Q)        | ↑                             |  |  |
|                       |                  |                                              |                             |                     |                                      |                         |                               |  |  |

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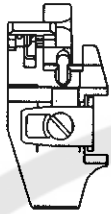
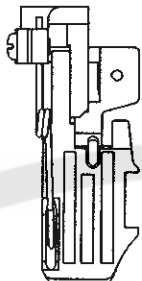
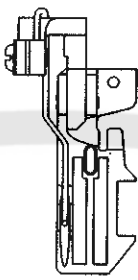
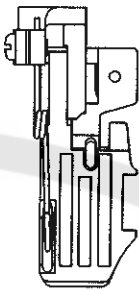
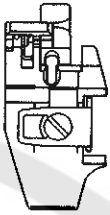
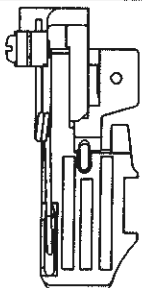
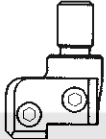
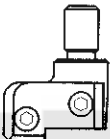
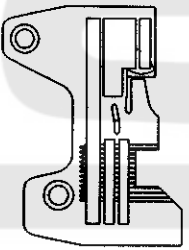
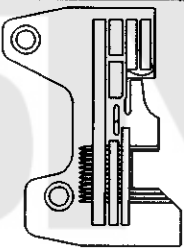
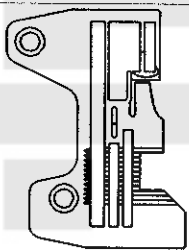
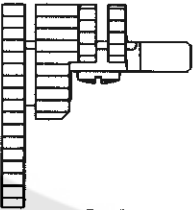
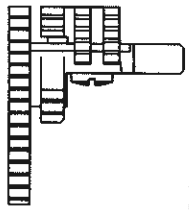
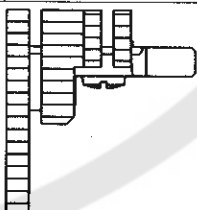
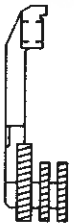
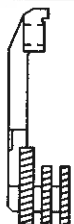
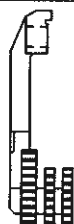
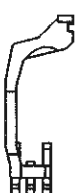
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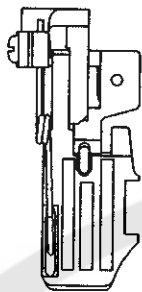
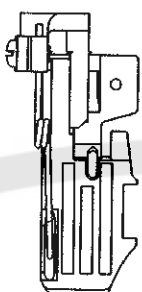
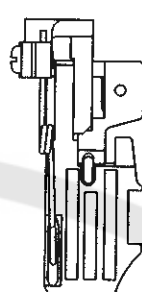
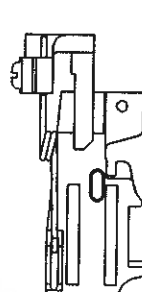
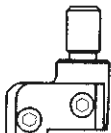
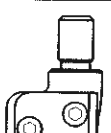
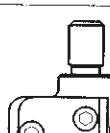
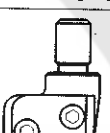
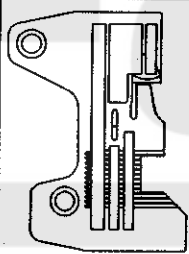
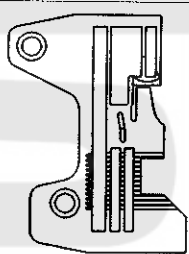
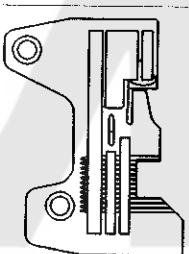
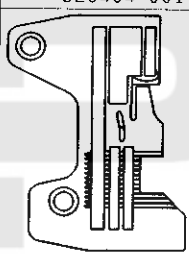
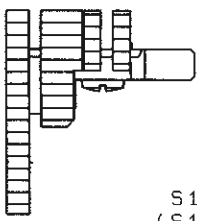
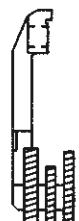
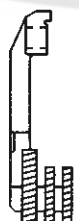
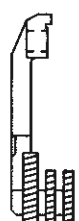
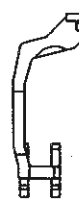
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|           | Z - 42-2-13-2 | 54   |
|           | F - 88        | 26   |
|           | Z - 42-2-4-1  | 54   |
|           | N - 52        | 40   |
|           | D - 50-3-4    | 12   |
| 062402516 | D - 51-1-4    | 12   |
|           | D - 51-10-4   | 16   |
|           | D - 51-11-4   | 16   |
|           | D - 51-12-4   | 16   |
|           | D - 51-13-4   | 18   |
|           | D - 51-14-4   | 18   |
|           | D - 51-15-4   | 18   |
|           | D - 51-16-4   | 18   |
|           | D - 51-17-4   | 18   |
|           | D - 51-2-4    | 12   |
|           | D - 51-3-4    | 14   |
|           | D - 51-4-4    | 14   |
|           | D - 51-5-4    | 14   |
|           | D - 51-6-4    | 14   |
|           | D - 51-7-4    | 14   |
| 076203000 | D - 51-8-4    | 16   |
|           | D - 51-9-4    | 16   |
|           | B - 15        | 6    |
|           | F - 94        | 26   |
|           | E - 49        | 22   |
|           | F - 66        | 26   |
|           | E - 13        | 20   |
|           | L - 5         | 36   |
|           | A - 80        | 4    |
|           | L - 9         | 36   |
| 081005070 | C - 31        | 8    |
|           | Q - 1-4       | 44   |
|           | R - 24-1-8    | 48   |
|           | R - 24-2-8    | 48   |
|           | Q - 2         | 44   |
|           | Z - 5         | 52   |
|           | F - 74        | 26   |
|           | L - 25        | 36   |
|           | E - 58        | 22   |
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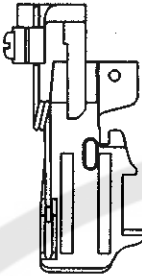
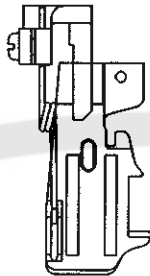
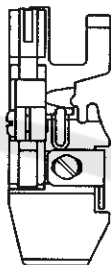
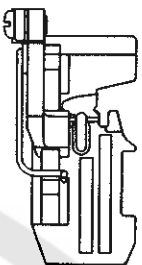
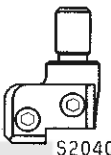
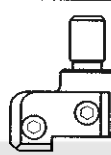
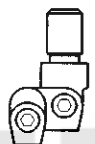
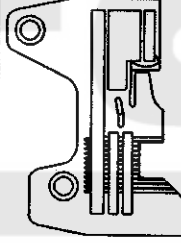
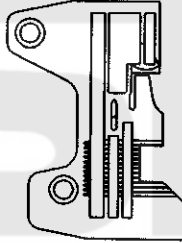
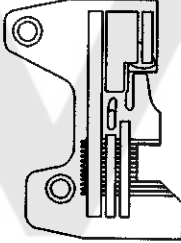
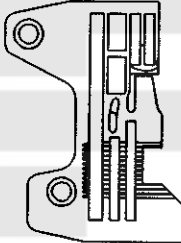
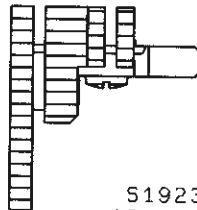
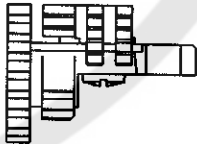
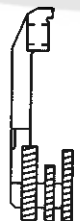
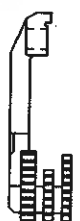
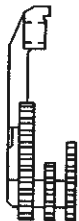
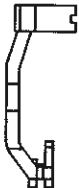
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|           | F - 80      | 26   |
| 106640001 | D - 50-1-3  | 12   |
|           | D - 50-2-3  | 12   |
|           | D - 50-3-3  | 12   |
| 108494001 | Q - 1-2     | 44   |
| 108495001 | Q - 1-3     | 44   |
| 108520009 | A - 78      | 4    |
| 110744002 | R - 24-1-17 | 48   |
|           | R - 24-2-17 | 48   |
| 110832009 | N - 12      | 40   |
| 117466000 | Z - 13      | 52   |
| 118770001 | A - 44      | 2    |
| 122991001 | Z - 25      | 52   |
| 125324001 | G - 26      | 28   |
| 126863001 | Z - 42-2-12 | 54   |
| 138843001 | Z - 42-2-19 | 54   |
| 140066009 | A - 85      | 4    |
| 140530002 | D - 53      | 12   |
| 142002001 | Z - 8       | 52   |
| 142262001 | Z - 24      | 52   |
| 142999101 | Z - 42-2-17 | 54   |
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| 143980001 | Q - 1-1     | 44   |
| 144074200 | G - 14-1    | 28   |
| 144103009 | N - 13      | 40   |
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| 144504001 | N - 61      | 40   |
| 144784001 | R - 1-11    | 46   |
| 144875001 | L - 4-9     | 36   |
| 144876001 | L - 4-10    | 36   |
| 145277105 | Z - 19      | 52   |
| 146354001 | D - 8       | 10   |
| 146427001 | C - 10-1    | 8    |
|           | N - 47      | 40   |
| 146532001 | F - 19      | 24   |
|           | F - 56      | 26   |
|           | F - 6       | 24   |
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| 146598001 | A - 71      | 4    |
| 147363000 | L - 38      | 38   |
| 147919001 | Z - 48-1    | 52   |
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| 147942001 | L - 12-1    | 36   |
| 148084001 | L - 20      | 36   |
| 148294001 | D - 51-1-3  | 12   |
|           | D - 51-10-3 | 16   |
|           | D - 51-11-3 | 16   |
|           | D - 51-12-3 | 16   |
|           | D - 51-13-3 | 18   |
|           | D - 51-14-3 | 18   |
|           | D - 51-15-3 | 18   |
|           | D - 51-16-3 | 18   |
|           | D - 51-17-3 | 18   |
|           | D - 51-2-3  | 12   |
|           | D - 51-3-3  | 14   |
|           | D - 51-5-3  | 14   |
|           | D - 51-6-3  | 14   |
|           | D - 51-7-3  | 14   |
|           | D - 51-8-3  | 16   |
|           | D - 51-9-3  | 16   |
| 148782001 | J - 12      | 32   |
| 148783001 | K - 26      | 34   |
| 148797001 | R - 24-1-5  | 48   |
|           | R - 24-2-5  | 48   |
| 148798009 | R - 24-1-7  | 48   |
|           | R - 24-2-7  | 48   |

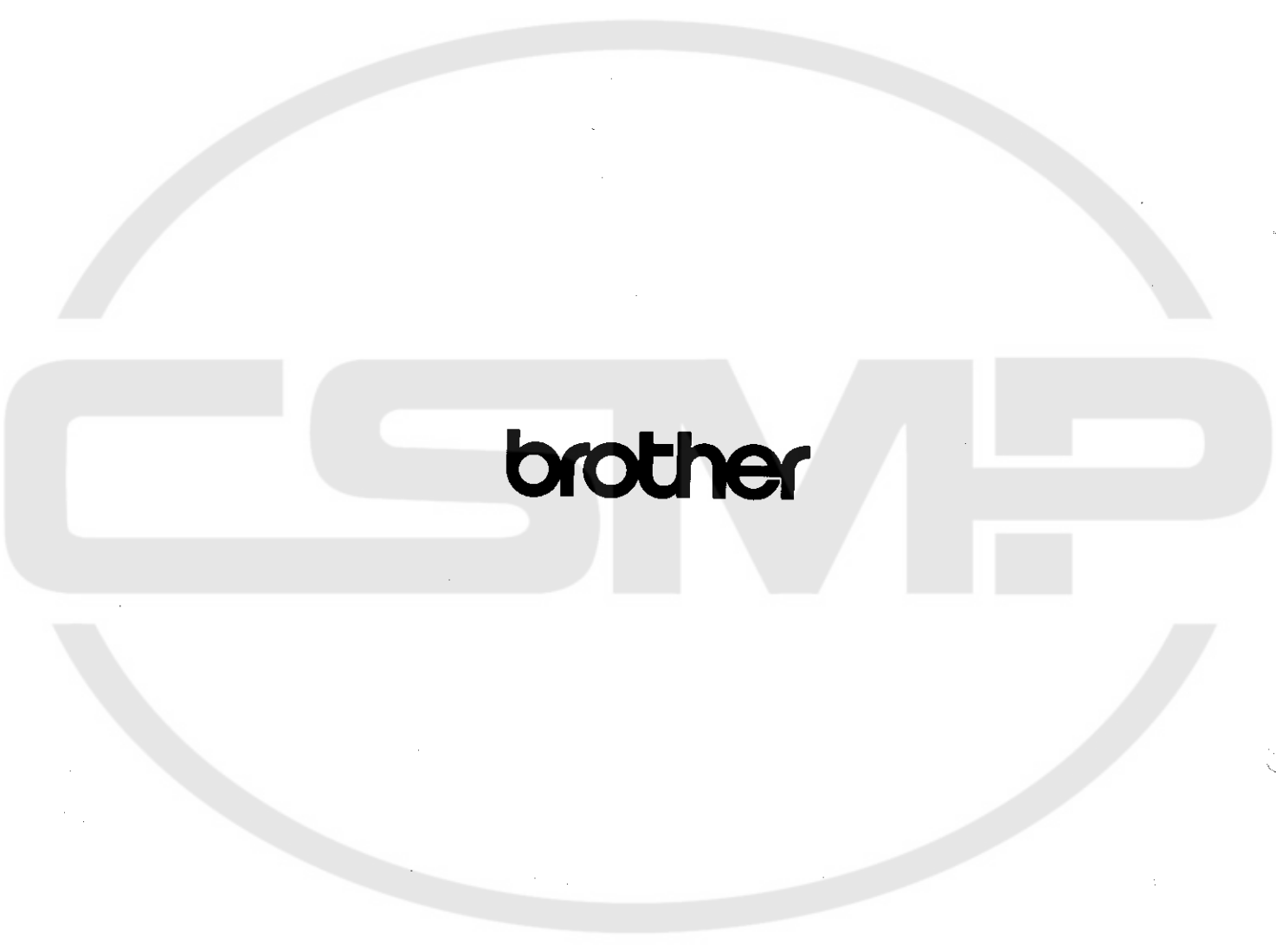
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| 149570001 | Z - 9         | 52   |
| 150106003 | Z - 42-2-4    | 54   |
| 150145009 | Z - 42-2-16   | 54   |
| 150172003 | Z - 42-2-3    | 54   |
| 150174000 | Z - 42-2-5    | 54   |
| 150179002 | Z - 42-2-8-1  | 54   |
|           | Z - 42-2-9-1  | 54   |
| 150180001 | Z - 42-2-10   | 54   |
| 150182000 | Z - 42-2-11   | 54   |
| 150185009 | Z - 42-2-16-1 | 54   |
| 150188009 | Z - 42-2-13-1 | 54   |
| 150189109 | Z - 42-2-1    | 54   |
| 150307000 | M - 1-5       | 38   |
| 150755001 | D - 51-4-3    | 14   |
| 150813001 | N - 69        | 42   |
| 151474014 | C - 11        | 8    |
|           | Z - 1         | 52   |
| 151474016 | C - 11        | 8    |
|           | Z - 1         | 52   |
| 151474018 | C - 11        | 8    |
|           | Z - 1         | 52   |
| 151474021 | C - 11        | 8    |
|           | Z - 1         | 52   |
| 151951001 | F - 49        | 24   |
| 152710001 | B - 26        | 6    |
| 153318101 | Z - 64-2      | 54   |
| 155162001 | C - 5-10      | 8    |
|           | H - 9-4       | 30   |
|           | K - 13        | 34   |
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| 155197101 | R - 24-1-1    | 48   |
|           | R - 24-2-1    | 48   |
| 155199101 | R - 24-1-14   | 48   |
|           | R - 24-1-3    | 48   |
|           | R - 24-2-14   | 48   |
|           | R - 24-2-3    | 48   |
| 155201201 | R - 24-1-9    | 48   |
|           | R - 24-2-9    | 48   |
| 155247000 | G - 3         | 28   |
|           | H - 11        | 30   |
|           | J - 9         | 32   |
| 155261000 | K - 23        | 34   |
| 155510001 | N - 63        | 42   |
| 155539000 | F - 61        | 26   |
| 156482000 | A - 51        | 2    |
| 158782101 | N - 62        | 40   |
| 159476000 | L - 13        | 36   |
|           | L - 15        | 36   |
|           | L - 19        | 36   |
| 183797009 | Z - 56        | 52   |
| 183798001 | Z - 64        | 54   |
| 210973001 | Z - 29        | 52   |
|           | Z - 64-3      | 54   |
| 211964001 | Z - 64-4      | 54   |
| 213650001 | Z - 31        | 52   |
|           | Z - 64-9      | 54   |

ゲージ部品/GAUGE PARTS/TEILE DER LEHRE/  
PIECES DE JAUGE/PIEZAS DE CALIBRE

| 用途<br>Application                                                                             | 一般地縫用<br>Thin                                                                                                                                                      |                                                                                                                                                                        | 一般地縫用<br>(小回り用)<br>Thin<br>(Small type)                                                                                           | 一般地縫用<br>Thin<br>Medium                                                                             | 一般地縫用<br>Thick                                                                                                                                                       |                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 機種 Model                                                                                      | V91                                                                                                                                                                | V92                                                                                                                                                                    | V92                                                                                                                               | V92                                                                                                 | V91                                                                                                                                                                  | V92                                                                                                                                                                      |
| サブクラス<br>Sub-Class                                                                            | 63-3<br>-4<br>-5<br>-6<br>-7                                                                                                                                       |                                                                                                                                                                        | 63-4<br>-5                                                                                                                        | 64-5                                                                                                | 65-3<br>-4<br>-5<br>-6<br>-7                                                                                                                                         |                                                                                                                                                                          |
| 針巾 (mm)<br>Needle Spacing                                                                     | 3                                                                                                                                                                  |                                                                                                                                                                        | 3                                                                                                                                 |                                                                                                     | 5                                                                                                                                                                    |                                                                                                                                                                          |
| 押エ組<br>Presser Foot<br>Assembly                                                               | <br>S19364-001                                                                    | <br>S19375-001(3)<br>S19380-001(4)<br>S19383-001(5)<br>S20839-001(6)<br>S25846-001(7) | <br>S25090-001(4)<br>S25093-001(5)               | <br>S19383-001(5) | <br>S19370-001                                                                    | <br>S25848-001(3)<br>S25850-001(4)<br>S19386-001(5)<br>S19389-001(6)<br>S25852-001(7) |
| 針止×組<br>Needle Clamp<br>Assembly                                                              | <br>S20404-001                                                                    |                                                                                                                                                                        |                                                                                                                                   |                                                                                                     | <br>S20406-001                                                                    |                                                                                                                                                                          |
| 針板<br>Needle Plate                                                                            | <br>S19197-001(3) S19191-001(4)<br>S19192-001(5) S20841-001(6)<br>S25531-001(7) |                                                                                                                                                                        | <br>S20235-001(4)<br>S20236-001(5)             |                                                                                                     | <br>S25532-001(3) S25533-001(4)<br>S19193-001(5) S19194-001(6)<br>S25534-001(7) |                                                                                                                                                                          |
| 主送り歯組<br>Main<br>Feed Dog<br>Assembly<br>(主送り歯)<br>Main Feed Dog<br>(補助送り歯)<br>Chain Feed Dog | <br>S19233-001<br>(S19234-001)<br>(S19235-001)                                  |                                                                                                                                                                        | <br>S20241-001<br>(S20242-001)<br>(S20243-001) |                                                                                                     | <br>S19233-001<br>(S19234-001)<br>(S19235-001)                                  |                                                                                                                                                                          |
| 差動送り歯<br>Differential<br>Feed Dog                                                             | <br>S19250-001                                                                  | <br>S19252-001                                                                      | <br>S25524-001                                 | <br>S19252-001  | <br>S19250-001                                                                  | <br>S19253-001                                                                      |
| 上送り歯<br>Upper<br>Feed Dog                                                                     | <br>S19403-001                                                                  | <br>S19405-001                                                                      | <br>S25096-001                                 | <br>S19405-001  | <br>S19403-001                                                                  | <br>S19405-001                                                                      |

| 用途<br>Application                                                                             | 一般地縫用<br>Thick                                                                                                                    | シャーリング用<br>Shirring                                                                                                                  |      |                                                                                                                       |      | シャーリング用<br>パイピング付<br>Shirring<br>W/Piping                                                                                               |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 機種 Model                                                                                      | V92                                                                                                                               | V92                                                                                                                                  | V92  | V92                                                                                                                   | V92  | V92                                                                                                                                     |
| サブクラス<br>Sub-Class                                                                            | 66-5                                                                                                                              | 69-4<br>-5<br>-6                                                                                                                     | 70-5 | 71-5<br>-6                                                                                                            | 72-5 | 75-4<br>-5<br>-6                                                                                                                        |
| 針巾(mm)<br>Needle Spacing                                                                      | 5                                                                                                                                 | 3                                                                                                                                    |      | 5                                                                                                                     |      | 3                                                                                                                                       |
| 押エ組<br>Presser Foot<br>Assembly                                                               | <br>S19386-001                                   | <br>S19380-001(4)<br>S19383-001(5)<br>S20839-001(6) |      | <br>S19386-001(5)<br>S19389-001(6)  |      | <br>S20226-001<br>(4, 5)<br>S20845-001(6)            |
| 針止×組<br>Needle Clamp<br>Assembly                                                              | <br>S20406-001                                   | <br>S20404-001                                      |      | <br>S20406-001                      |      | <br>S20404-001                                       |
| 針板<br>Needle Plate                                                                            | <br>S19193-001(5)                               | <br>S19191-001(4)<br>S19192-001(5) S20841-001(6)   |      | <br>S19193-001(5)<br>S19194-001(6) |      | <br>S19191-001(4)<br>S19192-001(5)<br>S20841-001(6) |
| 主送り歯組<br>Main<br>Feed Dog<br>Assembly<br>(主送り歯)<br>Main Feed Dog<br>(補助送り歯)<br>Chain Feed Dog | <br>S19233-001<br>(S19234-001)<br>(S19235-001) |                                                                                                                                      |      |                                                                                                                       |      |                                                                                                                                         |
| 差動送り歯<br>Differential<br>Feed Dog                                                             | <br>S19253-001                                 | <br>S19252-001                                    |      | <br>S19253-001                   |      | <br>S19252-001                                     |
| 上送り歯<br>Upper<br>Feed Dog                                                                     | <br>S19405-001                                 |                                                                                                                                      |      |                                                                                                                       |      | <br>S20228-001                                     |

| 用途<br>Application                                                                          | シャーリング用パイピング付<br>Shirring W/Piping                                                                                                |                                                                                                                       |                                                                                                                                         | デニム用<br>Heavy                                                                                                                            |                                                                                                     |      |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------|
| 機種 Model                                                                                   | V92                                                                                                                               | V92                                                                                                                   | V92                                                                                                                                     | V91                                                                                                                                      | V92                                                                                                 | V92  |
| サブクラス<br>Sub-Class                                                                         | 76-5                                                                                                                              | 77-5<br>-6                                                                                                            | 78-5                                                                                                                                    | 92-5<br>-6<br>-7                                                                                                                         |                                                                                                     | 93-6 |
| 針巾(mm)<br>Needle Spacing                                                                   | 3                                                                                                                                 | 5                                                                                                                     |                                                                                                                                         | 5                                                                                                                                        |                                                                                                     |      |
| 押工組<br>Presser Foot<br>Assembly                                                            | <br>S20226-001(5)                                | <br>S19392-001(5)<br>S20847-001(6)   | <br>S19373-001                                        | <br>S19394-001                                        |                                                                                                     |      |
| 針止×組<br>Needle Clamp<br>Assembly                                                           | <br>S20404-001                                   | <br>S20406-001                       | <br>S21104-001                                       |                                                                                                                                          |                                                                                                     |      |
| 針板<br>Needle Plate                                                                         | <br>S19192-001(5)                              | <br>S19193-001(5)<br>S19194-001(6) | <br>S19195-001(5)<br>S19196-001(6)<br>S25668-001(7) | <br>S20843-001(5)<br>S19198-001(6)<br>S25669-001(7) |                                                                                                     |      |
| 主送り歯組<br>Main Feed Dog<br>Assembly<br>(主送り歯)<br>Main Feed Dog<br>(補助送り歯)<br>Chain Feed Dog | <br>S19233-001<br>(S19234-001)<br>(S19235-001) |                                                                                                                       |                                                                                                                                         | <br>S19228-001<br>(S19229-001)<br>(S19223-001)      |                                                                                                     |      |
| 差動送り歯<br>Differential<br>Feed Dog                                                          | <br>S19252-001                                 | <br>S19253-001                     | <br>S19251-001                                      | <br>S19254-001                                      |                                                                                                     |      |
| 上送り歯<br>Upper<br>Feed Dog                                                                  | <br>S20228-001                                 |                                                                                                                       |                                                                                                                                         | <br>S19404-001                                       | <br>S19406-001 |      |



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