

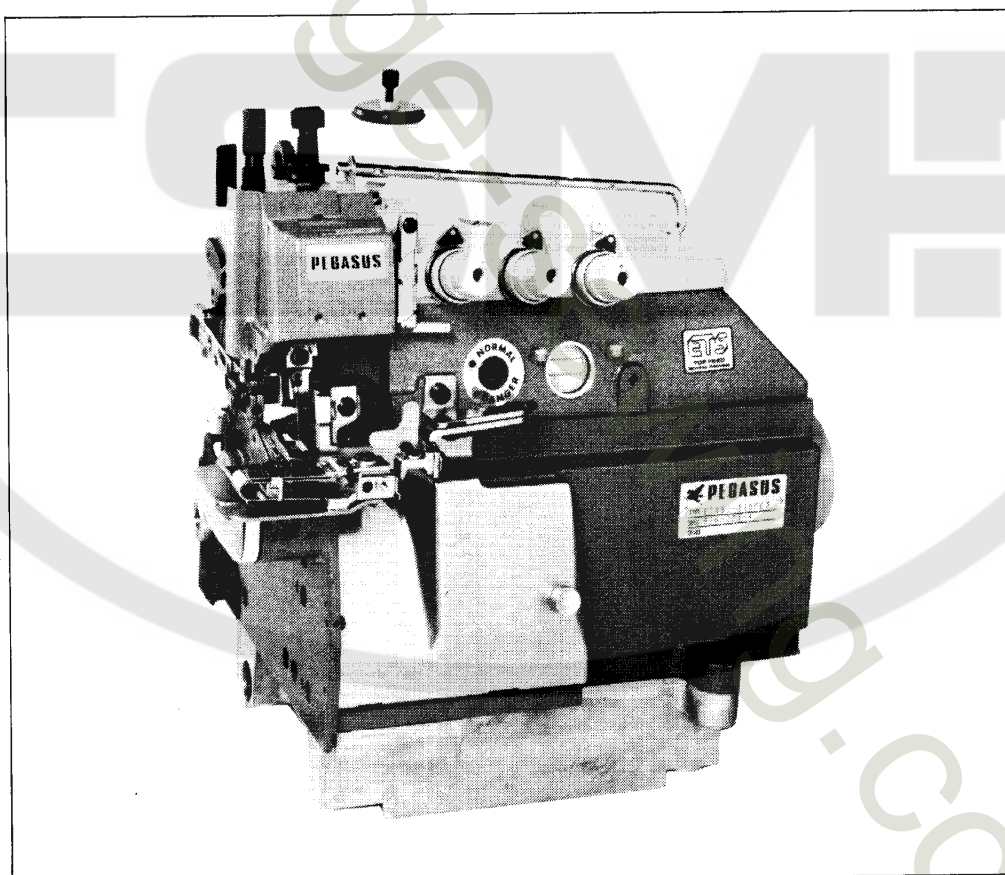
ETS51 SERIES

差動上下送りシリンダーベッドオーバーロックマシン

Variable top feed cylinder bed overedgers

First edition, issued on July, 1986

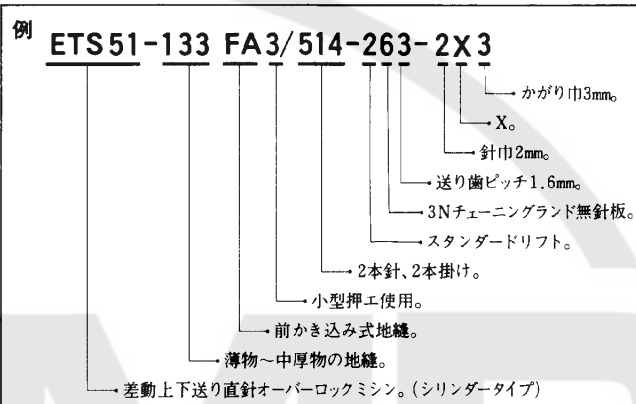
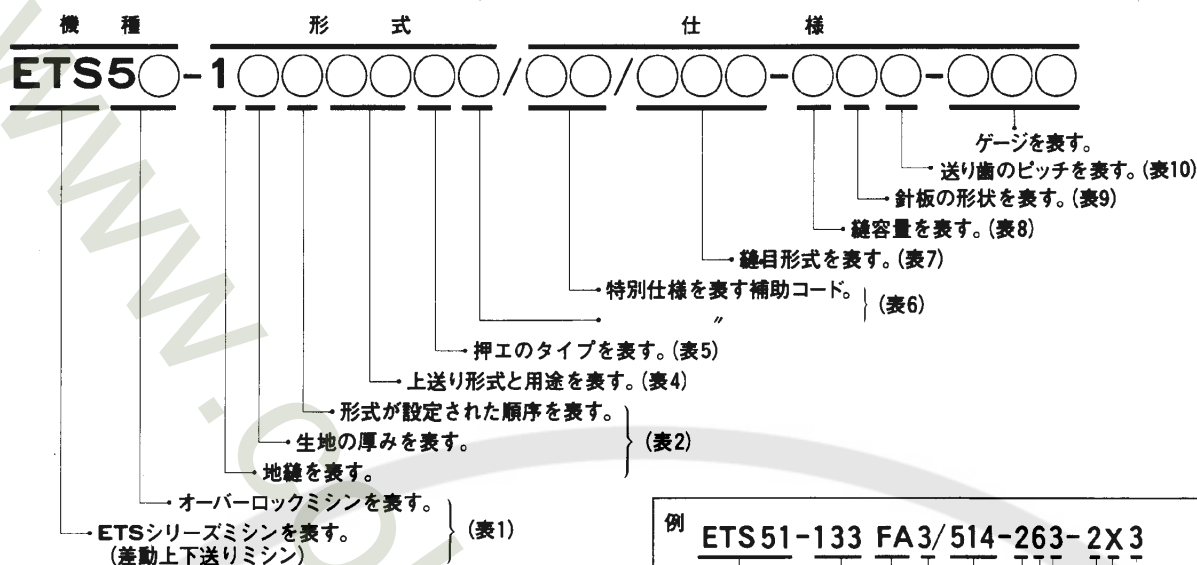
初 版 (1986年 7 月 発行)



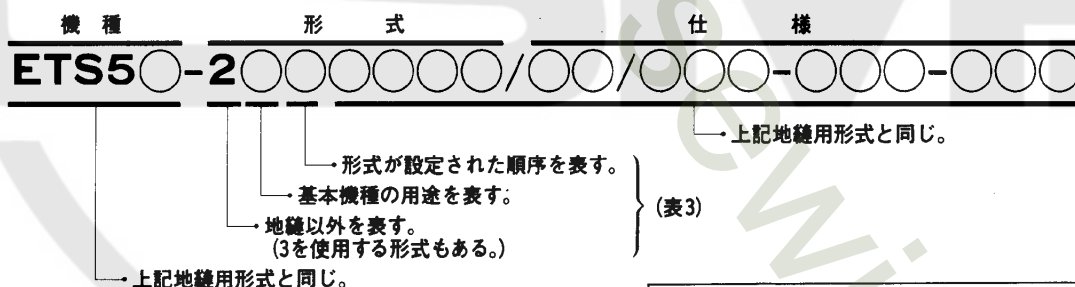
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ETS52・ETS51 形式表示方法

地縫用形式の表示方法



地縫以外の形式の表示方法

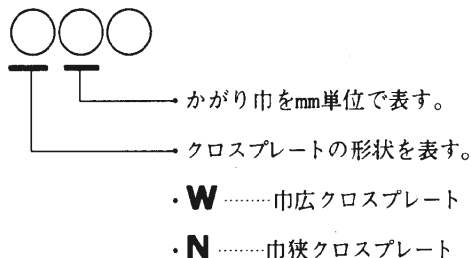


注) ETS52の基本機種は、E52
ETS51 E51

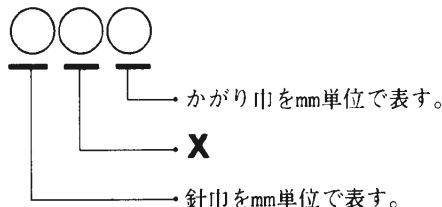


ゲージの表示方法

1本針：2けたを使って下記のように表す。



2本針：3けたを使って下記のように表す。



機種コードNo.と意味

| コードNo. | 意 味 |
|--------|-------------------------|
| ETS52 | 差動上下送りオーバーロックミシン(標準タイプ) |
| ETS51 | 〃 (シリンドータイプ) |

表1

補助コードNo.と意味

| コードNo. | 意 味 |
|--------|---------------------------------------|
| K | 角メス使用(上メスが異なる) |
| P2 | パイピングバインダーが付いている。 |
| P1 | パイピングバインダーが付けられる。 (パイピングバインダーは注文品) |
| S2 | ヒダ取り装置が付いている。 |
| S1 | ヒダ取り装置が付けられる。 (ヒダ取り装置は注文品) |

表6

地縫用形式のコードNo.と意味

表2

| コードNo. | 意 味 |
|--------|-------------|
| 1 1 ○ | 極薄物の地縫 |
| 1 2 ○ | 薄物～中厚物の地縫 |
| 1 3 ○ | 〃 |
| 1 4 ○ | 厚物の地縫 |
| 1 5 ○ | 極厚物の地縫 |
| 1 8 ○ | バックタック |
| 1 9 ○ | 特殊(マツイオーバー) |

縫目形式のコードNo.と意味

表7

| コードNo. | 意 味 |
|--------|----------------|
| 5 0 4 | 1本針、3本糸 |
| 5 0 5 | 〃 〃 (裾引) |
| 5 0 3 | 1本針、2本糸(サージング) |
| 5 1 2 | 2本針、1本はずし |
| 5 1 4 | 2本針、2本掛け |

地縫以外の形式のコードNo.と意味

表3

| コードNo. | 意 味 |
|--------|-------------|
| 2 1 ○ | 裾 引 |
| 2 2 ○ | サージング |
| 2 3 ○ | 巻 縫 |
| 2 4 ○ | ヒダ取り |
| 2 5 ○ | テープ入れ |
| 2 6 ○ | ジッパー付 |
| 2 7 ○ | クツ下爪先縫 |
| 2 8 ○ | — |
| 2 9 ○ | 特殊(レースランナー) |
| 3 5 ○ | パイピング |

縫容量のコードNo.と意味

表8

| コードNo. | 意 味 |
|--------|-----------|
| 1 | ローリフト |
| 2 | スタンダードリフト |
| 3 | ハイリフト |
| 4 | 超ハイリフト |

針板のコードNo.と意味

表9

| コードNo. | 意 味 |
|--------|--------------|
| 0 | 1列または1枚送り |
| 1 | 2Nチューニングランド付 |
| 2 | 〃 〃 無 |
| 3 | 2W 〃 付 |
| 4 | 〃 〃 無 |
| 5 | 3N 〃 付 |
| 6 | 〃 〃 無 |
| 7 | 3W 〃 付 |
| 8 | 〃 〃 無 |
| 9 | 特 殊 |

上送り形式のコードNo.と意味

表4

| コードNo. | 意 味 |
|--------|-------------|
| FA | 前かき込み式地縫 |
| FB | 〃 厚物用(いせこみ) |
| FC | 〃 パイピング |
| FD | 〃 ヒダ取り |
| FE | 〃 裾引 |
| BA | 後 引 き 式地縫 |
| BC | 〃 パイピング |

押エのコードNo.と意味

表5

| コードNo. | 意 味 |
|--------|--------|
| 2 | 標準押エ使用 |
| 3 | 小型押エ使用 |

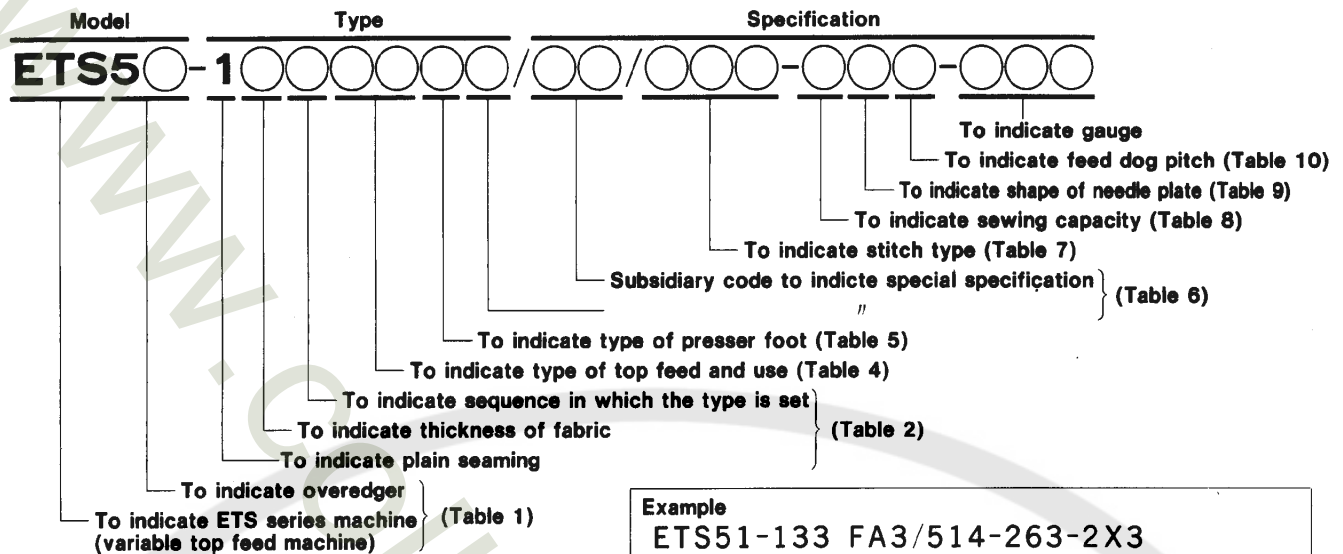
送り歯ピッチのコードNo.と意味

表10

| コードNo. | 意 味 |
|--------|-------------|
| 0 | ラバー付、特殊 |
| 1 | 送り歯ピッチ1.0mm |
| 2 | 〃 1.25mm |
| 3 | 〃 1.6mm |
| 4 | 〃 2.0mm |
| 5 | 〃 2.5mm |
| 6 | 〃 3.0mm |

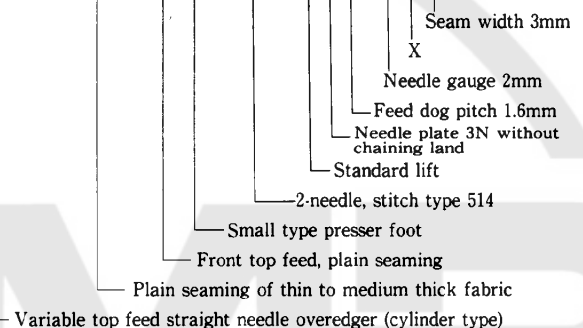
TYPE INDICATION METHOD FOR ETS52 AND ETS51

Indication Method for Plain Seaming Type

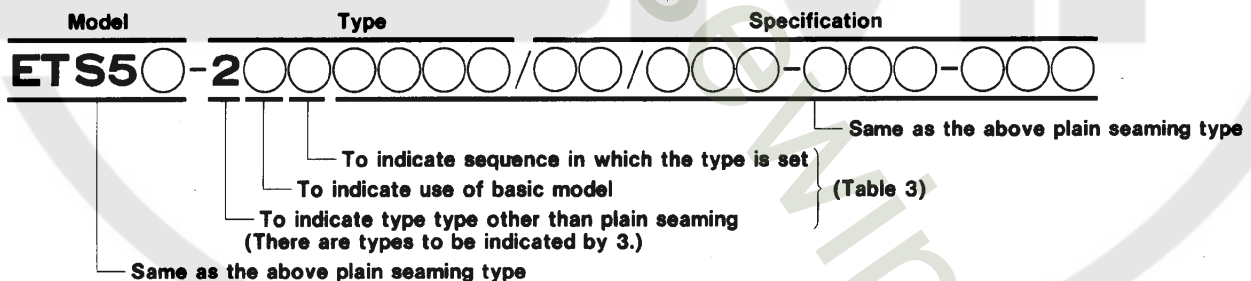


Example

ETS51-133 FA3/514-263-2X3



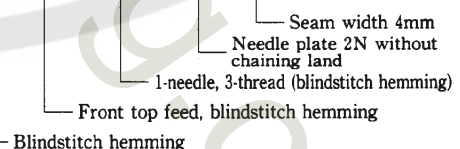
Indication Method for Type Other Than Plain Seaming



Note) The basic model for ETS52 is E52.
The basic model for ETS51 is E51.

Example

ETS51-210 FE3/505-223-4



Method of Indicating Gauge

1-needle: Using two figures, indication is made, as follows:



To indicate seam width in mm.

To indicate the shape of the cloth plate.

• **W**Wide type cloth plate.

• **N**Narrow type cloth plate.

2-needle: Using three figures, indication is made, as follows:



To indicate seam width in mm.

X

To indicate needle gauge in mm.

Code No. and meaning of model

Table 1

| Code No. | Meaning |
|--------------|---|
| ETS52 | Variable top feed overedger (standard type) |
| ETS51 | Variable top feed overedger (cylinder type) |

Code No. and Meaning of Plain Seaming Type

Table 2

| Code No. | Meaning |
|-------------|---|
| 11 ○ | Plain seaming of extra-light weight fabric |
| 12 ○ | Plain seaming of light to medium weight fabrics |
| 13 ○ | Plain seaming of light to medium weight fabrics |
| 14 ○ | Plain seaming of heavy weight fabric |
| 15 ○ | Plain seaming of extra-heavy weight fabric |
| 18 ○ | Babk-latching |
| 19 ○ | Special (cup-seaming) |

Code No. and Meaning of Type Other Than Plain Seaming

Table 3

| Code No. | Meaning |
|-------------|-----------------------|
| 21 ○ | Blindstitch hemming |
| 22 ○ | Serging |
| 23 ○ | Turn-down hemming |
| 24 ○ | Shirring |
| 25 ○ | Tape inserting |
| 26 ○ | Zipper attaching |
| 27 ○ | Toe-closing |
| 28 ○ | — |
| 29 ○ | Special (lace runner) |
| 35 ○ | Piping |

Code No. and meaning of top feed type

Table 4

| Code No. | Meaning |
|-----------|--|
| FA | Front top feed |
| FB | " for thick fabric (adding fullness) |
| FC | " for piping |
| FD | " for shirring |
| FE | " for blindstitch hemming |
| BA | Rear top feed, for blindstitch hemming |
| BC | " for piping |

Code No. and meaning of presser foot

Table 5

| Code No. | Meaning |
|----------|---------------|
| 2 | Standard type |
| 3 | Small type |

Subsidiary code No. and meaning

Table 6

| Code No. | Meaning |
|----------------------|---|
| K | Angled upper knife is used. (differs in upper knife) |
| P₂ | Piping binder is attached. |
| P₁ | Piping binder is attachable. (Piping binder is available on order.) |
| S₂ | Shirring device is attached. |
| S₁ | Shirring device is attachable. (Shirring device is available on order.) |

Code No. and Meaning of Seam Type

Table 7

| Code No. | Meaning |
|------------|--|
| 504 | 1-needle, 3-thread |
| 505 | 1-needle, 3-thread (blindstitch hemming) |
| 503 | 1-needle, 2-thread (serging) |
| 512 | 2-needle, mock-safety stitch |
| 514 | 2-needle, 514 stitch |

Code No. and Meaning of Sewing Capacity

Table 8

| Code No. | Meaning |
|----------|-----------------|
| 1 | Low lift |
| 2 | Standard lift |
| 3 | High lift |
| 4 | Extra-high lift |

Code No. and Meaning of Needle Plate

Table 9

| Code No. | Meaning |
|----------|--------------------------|
| 0 | 1-row or plain |
| 1 | With 2N chaining land |
| 2 | Without 2N chaining land |
| 3 | With 2W chaining land |
| 4 | Without 2W chaining land |
| 5 | With 3N chaining land |
| 6 | Without 3N chaining land |
| 7 | With 3W chaining land |
| 8 | Without 3W chaining land |
| 9 | Special type |

Code No. and Meaning of Feed Dog Pitch

Table 10

| Code No. | Meaning |
|----------|------------------------|
| 0 | With rubber, special |
| 1 | Feed dog pitch 1.0 mm |
| 2 | Feed dog pitch 1.25 mm |
| 3 | Feed dog pitch 1.6 mm |
| 4 | Feed dog pitch 2.0 mm |
| 5 | Feed dog pitch 2.5 mm |
| 6 | Feed dog pitch 3.0 mm |

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パーツカタログの見方

- このパーツカタログは、1986年7月製造中のETS51のミシンを次の要領で編集しています。
- 2～43頁には部品を機構別に収録し、左頁が部品の分解図、右頁がパーツリストになっています。
また、部品分解図に付されている番号は、パーツリストのREF.NO.(参照番号)を示しています。
- ゲージパーツ系列構成図・ゲージパーツ表(44～52頁)
これらの部品は、特定の形式にのみ使用されている部品で、系列構成図は44～51頁に、ゲージパーツ表は52頁に一括して記載しています。
- 55～56頁には部品番号インデックスを記載し、部品番号だけで、その図解、名称などが容易に引き出せます。
- 部品をご注文いただくときは、必ず部品番号だけを明示してください。
なお、このパーツカタログの記載事項は改良により、予告なく変更されることがありますので、あらかじめご了承ください。

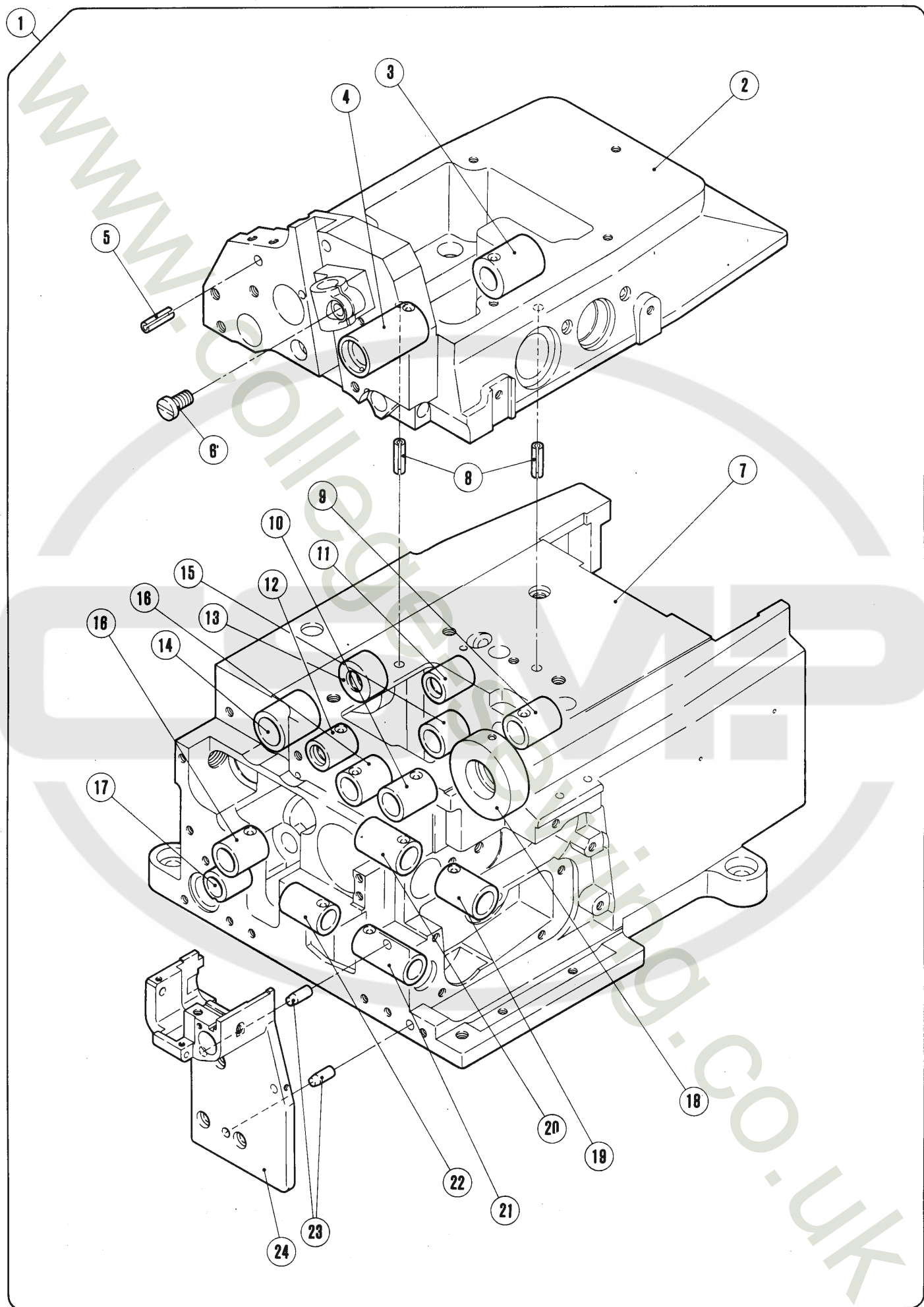
INTRODUCTION

- This parts catalog covers the ETS51 machine manufactured from July, 1986.
- On pages 2～43, each mechanism is arranged on facing pages, the first page containing the illustrations and the second page containing the data of the individual parts.
The number given to each illustration is the REF. NO. on the parts list.
- Gauge parts construction charts/gauge parts lists.
Gauge parts are used in some machine types and sewing gauges only. Pages 44～51 contain the gauge parts construction charts in order to know the illustrations and the combinations of the parts, and pages 52 contain the gauge parts lists to obtain the data at a glance.
- A part number index is attached to the back of this catalog for convenience.
- When placing orders for parts from this catalog, use ONLY THE PART NUMBER.
- This parts catalog is applicable to your machine and is subject to change without notification.

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GUAGE PARTS CONSTRUCTION CHARTS. GAUGE PARTS LIST

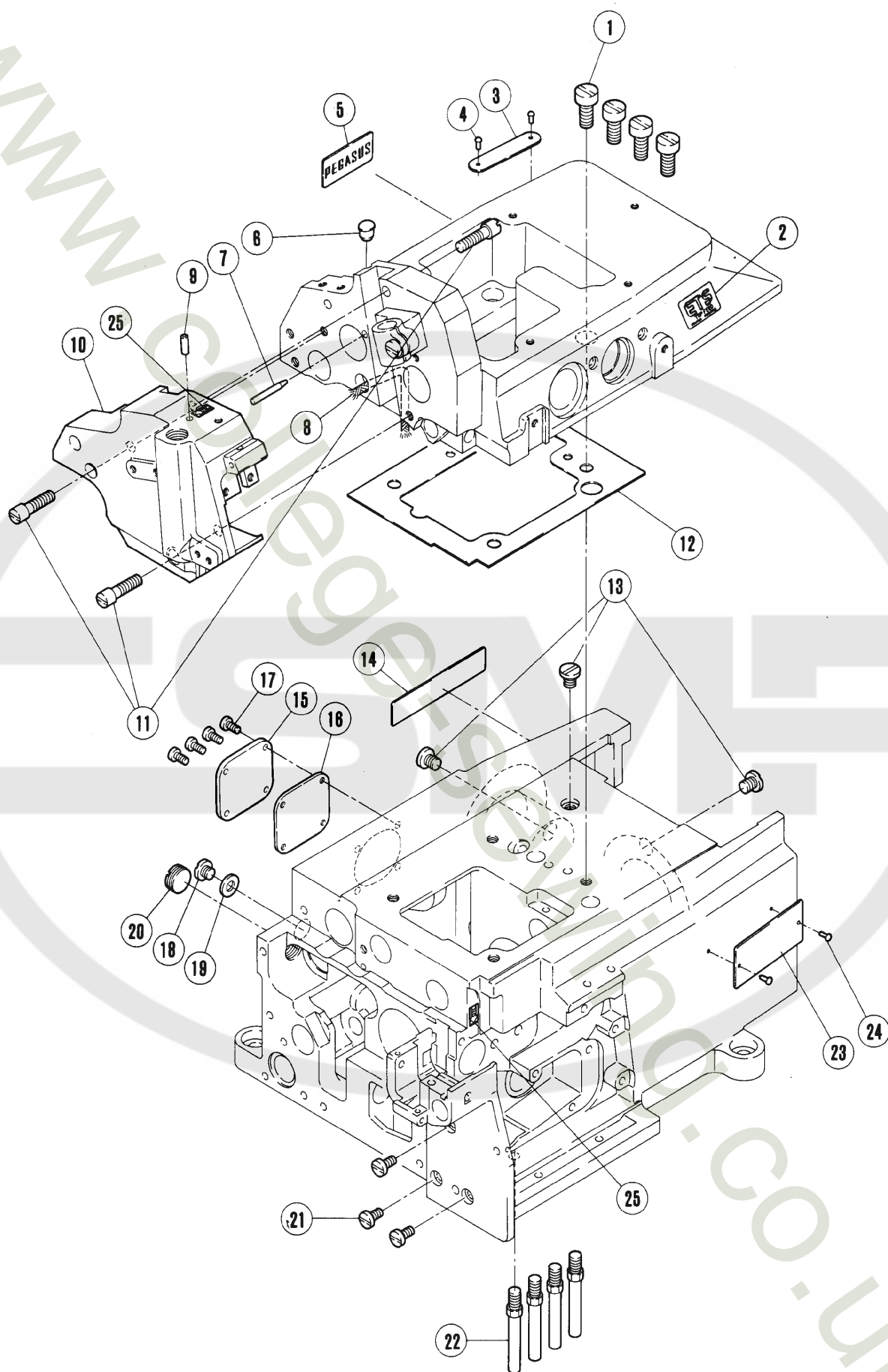
| | | | |
|-------------|-------|--------------------------------|-------|
| ゲージパーツ系列構成図 | 44-51 | GUAGE PARTS CONSTRUCTION CHART | 44-51 |
| ゲージパーツ表 | 52 | GUAGE PARTS LIST | 52 |
| 部品番号インデックス | 55-56 | PART NUMBER INDEX | 55-56 |



アームベッド機構(1)

MACHINE BED FRAME(1)

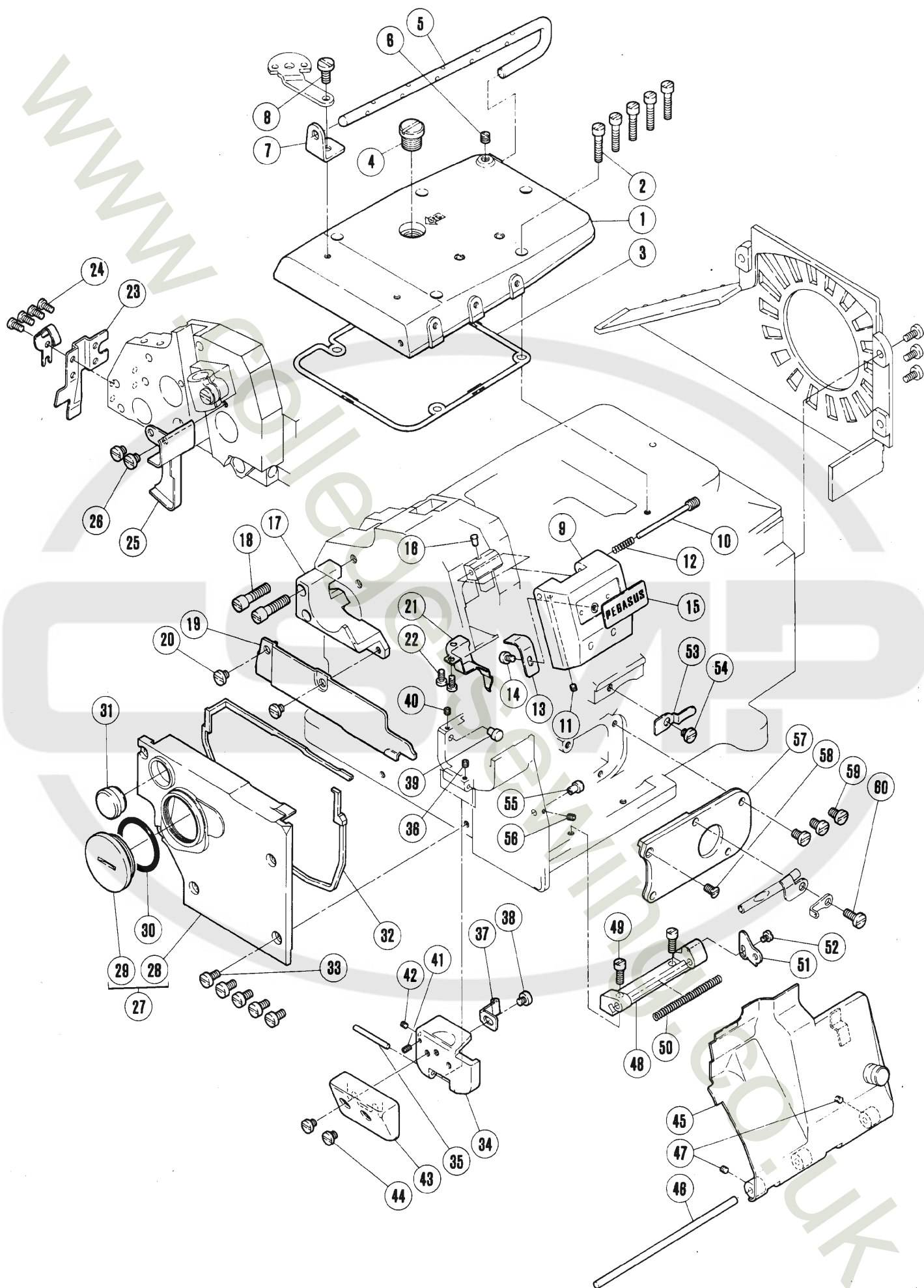
| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|------------------|-----------|----------------------|-----|
| 1 | 213200-FD | アームベッド(組) | MACHINE BED COMPLETE | 1 |
| 2 | 213202-FD | アーム(右) | MACHINE ARM (RIGHT) | 1 |
| 3 | 210233 | ブッシュ | BUSHING | 1 |
| 4 | 210234 | ブッシュ | BUSHING | 1 |
| 5 | 201002 | スプリングピン | PIN | 1 |
| 6 | 5357 | 平ネジ / C 9 | SCREW | 1 |
| 7 | 213201-FD | ベッド | MACHINE BED | 1 |
| 8 | 201002 | スプリングピン | PIN | 2 |
| 9 | 210067 | ブッシュ | BUSHING | 1 |
| 10 | 210068 | ブッシュ | BUSHING | 1 |
| 11 | 210297 | ブッシュ | BUSHING | 1 |
| 12 | 212154 | ブッシュ | BUSHING | 1 |
| 13 | 212038 | ブッシュ | BUSHING | 1 |
| 14 | 212037 | ブッシュ | BUSHING | 1 |
| 15 | 210143 | ブッシュ | BUSHING | 1 |
| 16 | 213003 | ブッシュ | BUSHING | 2 |
| 17 | 213004 | ブッシュ | BUSHING | 1 |
| 18 | 213002 | ブッシュ | BUSHING | 1 |
| 19 | 210101 | ブッシュ | BUSHING | 1 |
| 20 | 210102 | ブッシュ | BUSHING | 1 |
| 21 | 204089 | ブッシュ | BUSHING | 1 |
| 22 | 210125 | ブッシュ | BUSHING | 1 |
| 23 | 240094 | ノックピン | PIN | 2 |
| 24 | 213005-FD | ブラケット | BRACKET | 1 |



アームベッド機構(2)

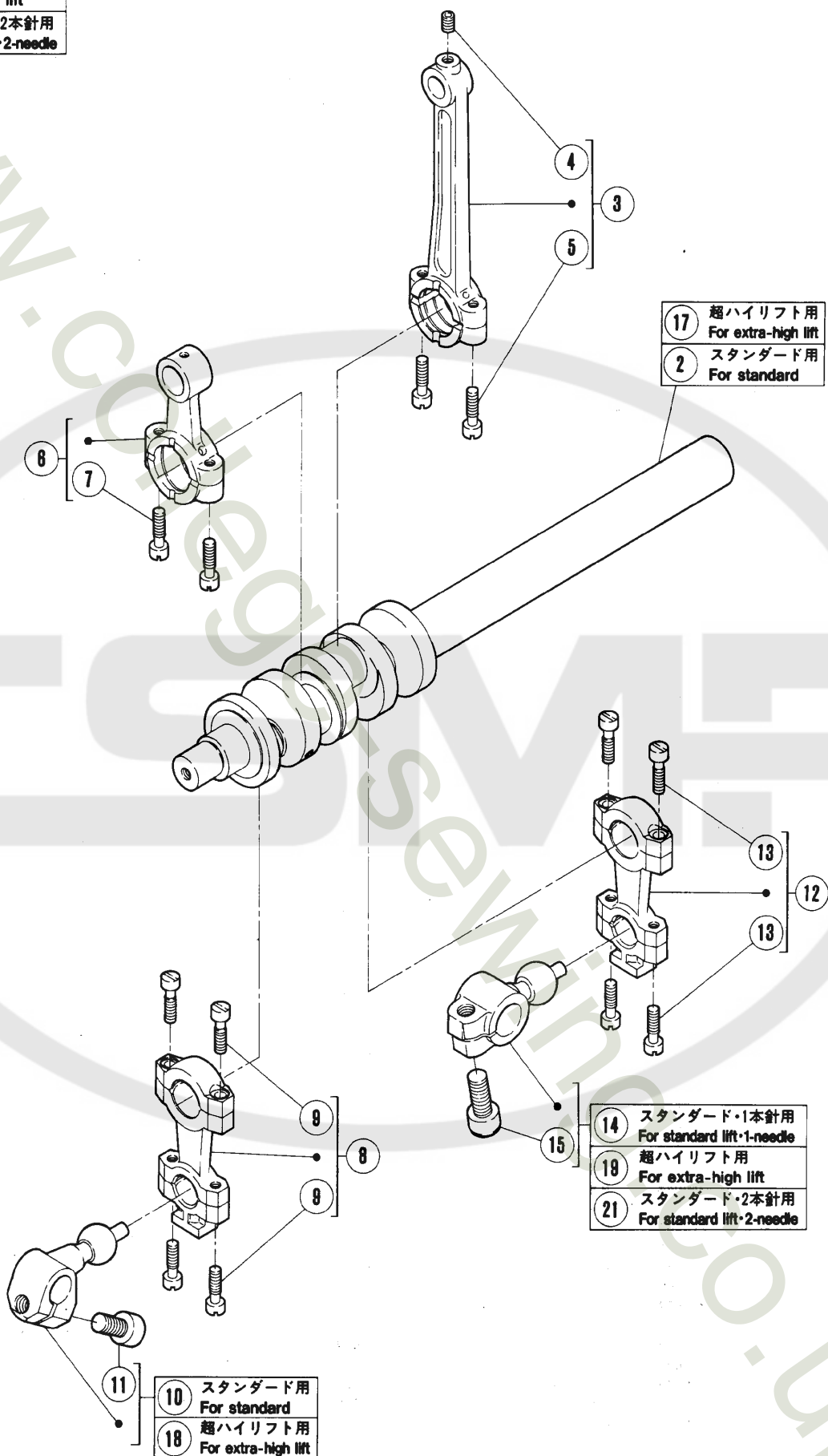
MACHINE BED FRAME(2)

| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|------------------|----------|--------------------|-----|
| 1 | 5078 | 平ネジ／C 11 | SCREW | 4 |
| 2 | 9A3001 | ラベル | LABEL | 1 |
| 3 | 230047 | 機番板 | NAME PLATE | 1 |
| 4 | 210679 | 止ピン | PIN | 2 |
| 5 | 205722A | 銘板 | NAME PLATE | 1 |
| 6 | 240052 | 栓 | PLUG | 1 |
| 7 | 240190 | ピン | PIN | 1 |
| 8 | 202175 | 給油紐 | OIL WICK | 1 |
| 9 | 210528 | チューブ | OIL PIPE | 1 |
| 10 | 213204-FD | アーム(左) | MACHINE ARM (LEFT) | 1 |
| 11 | 5163 | 平ネジ／C 8 | SCREW | 3 |
| 12 | 210002 | ガスケット | GASKET | 1 |
| 13 | 5332A | 平ネジ／C 10 | SCREW | 3 |
| 14 | 202526 | 記銘板 | NAME PLATE | 1 |
| 15 | 212010-FD | 後蓋 | COVER PLATE | 1 |
| 16 | 212011 | ガスケット | GASCKET | 1 |
| 17 | 5142 | 平ネジ／C 4 | SCREW | 4 |
| 18 | 5434 | 平ネジ／C 10 | SCREW | 1 |
| 19 | 200138 | ガスケット | WASHER | 1 |
| 20 | 5556 | 止ネジ／M 14 | SCREW | 1 |
| 21 | 5117 | 平ネジ／C 5 | SCREW | 3 |
| 22 | 204006 | 足ピン | BED PIN | 4 |
| 23 | 212279 | 形式板 | TYPE PLATE | 1 |
| 24 | 210679 | 止ピン | PIN | 1 |
| 25 | 8421 | オイルマーク | OIL MARK | 2 |



| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|------------------|----------|---------------------|-----|
| 1 | 210034-HD | 上カバー | TOP COVER | 1 |
| 2 | 5095 | 平ネジ／C 5 | SCREW | 5 |
| 3 | 210035 | ガスケット | O RING | 1 |
| 4 | 5198 | 平ネジ／C 14 | SCREW | 1 |
| 5 | 210036 | 糸道棒 | THREAD GUIDE BAR | 1 |
| 6 | 5060 | 止ネジ／C 8 | SCREW | 1 |
| 7 | 210037 | ブラケット | BRACKET | 1 |
| 8 | 5117 | 平ネジ／C 5 | SCREW | 1 |
| 9 | 211959-FD | 針糸カバー | NEEDLE THREAD COVER | 1 |
| 10 | 5589 | 段付ネジ／C 8 | PIN-SCREW | 1 |
| 11 | 5292 | 止ネジ／C 3 | SCREW | 1 |
| 12 | 211958 | 圧縮バネ | SPRING | 1 |
| 13 | 210223 | 板バネ | SPRING | 1 |
| 14 | 1216 | 平ネジ／C 4 | SCREW | 1 |
| 15 | 205722A | 銘板 | NAME PLATE | 1 |
| 16 | 198192 | 当ゴム | CUSHION RUBBER | 1 |
| 17 | 212006 | ブラケット | BRACKET | 1 |
| 18 | 5163 | 平ネジ／C 8 | SCREW | 2 |
| 19 | 213209 | 布案内 | FABRIC GUARD | 1 |
| 20 | 2905 | 平ネジ／C 5 | SCREW | 2 |
| 21 | 213076 | カバー | COVER | 1 |
| 22 | 1234 | 平ネジ／C 4 | SCREW | 2 |
| 23 | 212009A | 後カバー | COVER PLATE | 1 |
| 24 | 5293 | 平ネジ／C 5 | SCREW | 4 |
| 25 | 213077-91 | カバー | COVER | 1 |
| 26 | 2905 | 平ネジ／C 5 | SCREW | 2 |
| 27 | 213261-FD | 横カバー(組) | SIDE COVER COMPLETE | 1 |
| 28 | 213066 | 横カバー | SIDE COVER | 1 |
| 29 | 213069 | 蓋 | CAP | 1 |
| 30 | 240174 | O リング | O RING | 1 |
| 31 | 240182 | 栓 | PLUG | 1 |
| 32 | 213067 | ガスケット | GASKET | 1 |
| 33 | 5117 | 平ネジ／C 5 | SCREW | 5 |
| 34 | 213062 | 横蓋 | CAP | 1 |
| 35 | 306920 | 平行ピン | PIN | 1 |
| 36 | 5292 | 止ネジ／C 3 | SCREW | 1 |
| 37 | 213063 | 板バネ | HOOK SPRING | 1 |
| 38 | 5156 | 平ネジ／C 5 | SCREW | 1 |
| 39 | 213273 | ラッチ | LATCH | 1 |
| 40 | 5292 | 止ネジ／C 3 | SCREW | 1 |
| 41 | 5427 | 止ネジ／C 3 | SCREW | 1 |
| 42 | 5292 | 止ネジ／C 3 | SCREW | 1 |
| 43 | 213094-91 | カバー | COVER | 1 |
| 44 | 2905 | 平ネジ／C 5 | SCREW | 2 |
| 45 | 213070-91 | 前カバー | FRONT COVER | 1 |
| 46 | 240043 | 平行ピン | PIN | 1 |
| 47 | 5292 | 止ネジ／C 3 | SCREW | 2 |
| 48 | 213262 | ヒンジ | HINGE | 1 |
| 49 | 5002 | 平ネジ／C 5 | SCREW | 2 |
| 50 | 240044 | 圧縮バネ | SPRING | 1 |
| 51 | 213263 | 調節板 | SPACER | 1 |
| 52 | 2921 | 平ネジ／C 3 | SCREW | 1 |
| 53 | 210044 | 板バネ | HOOK SPRING | 1 |
| 54 | 2905 | 平ネジ／C 5 | SCREW | 1 |
| 55 | 213064 | ラッチ | LATCH | 1 |
| 56 | 5292 | 止ネジ／C 3 | SCREW | 1 |
| 57 | 213026-91 | カバー | COVER | 1 |
| 58 | 5170 | 皿ネジ／C 8 | SCREW | 1 |
| 59 | 4009-1 | 平ネジ／C 5 | SCREW | 3 |
| 60 | 5345 | 平ネジ／C 5 | SCREW | 1 |

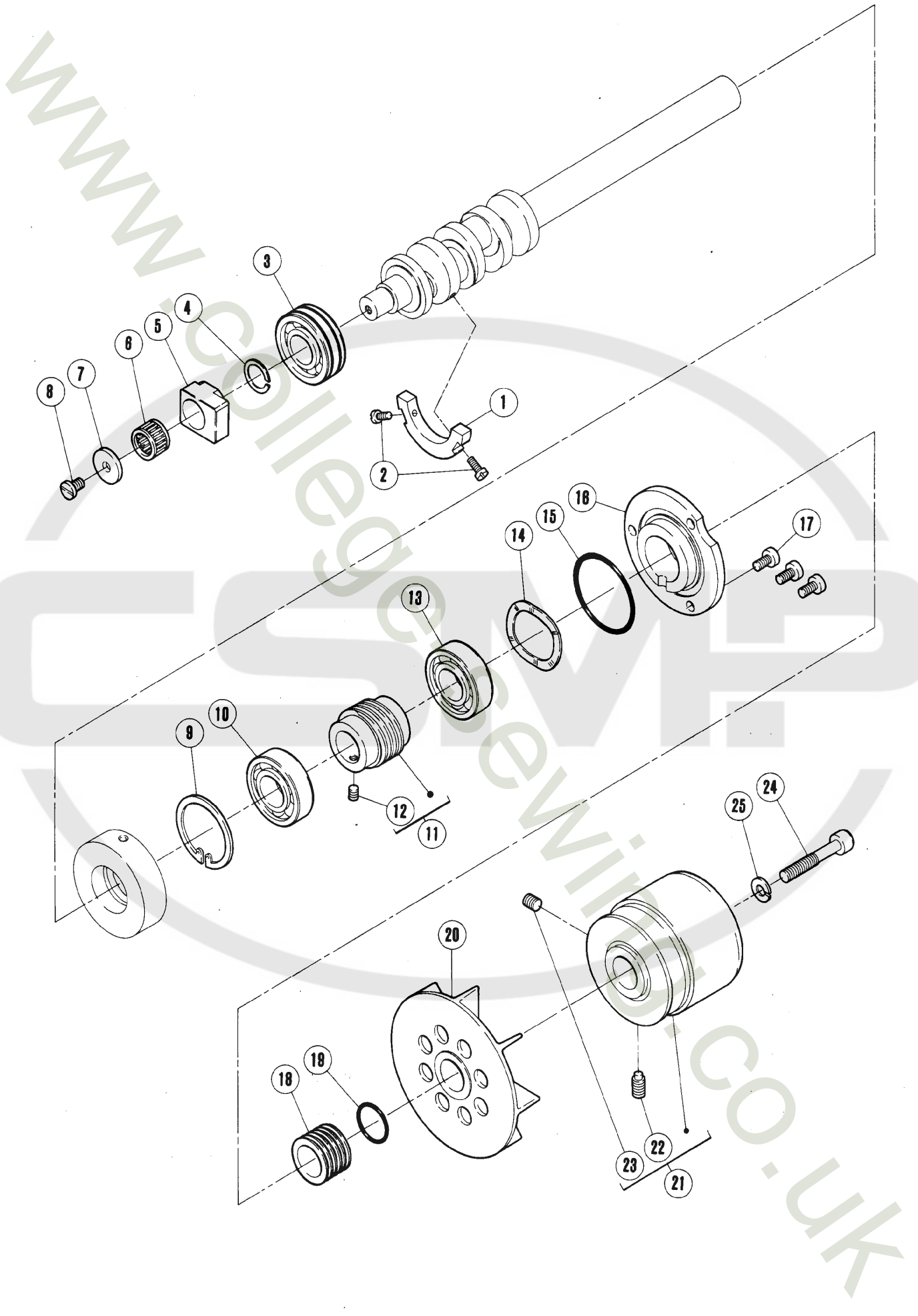
- | | |
|----|---|
| 1 | スタンダード・1本針用 For standard lift・1-needle |
| 18 | 超ハイリフト用 For extra-high lift |
| 20 | スタンダード・2本針用 For standard lift・2-needle |



クランクシャフト機構(1)

CRANKSHAFT DRIVE MECHANISM(1)

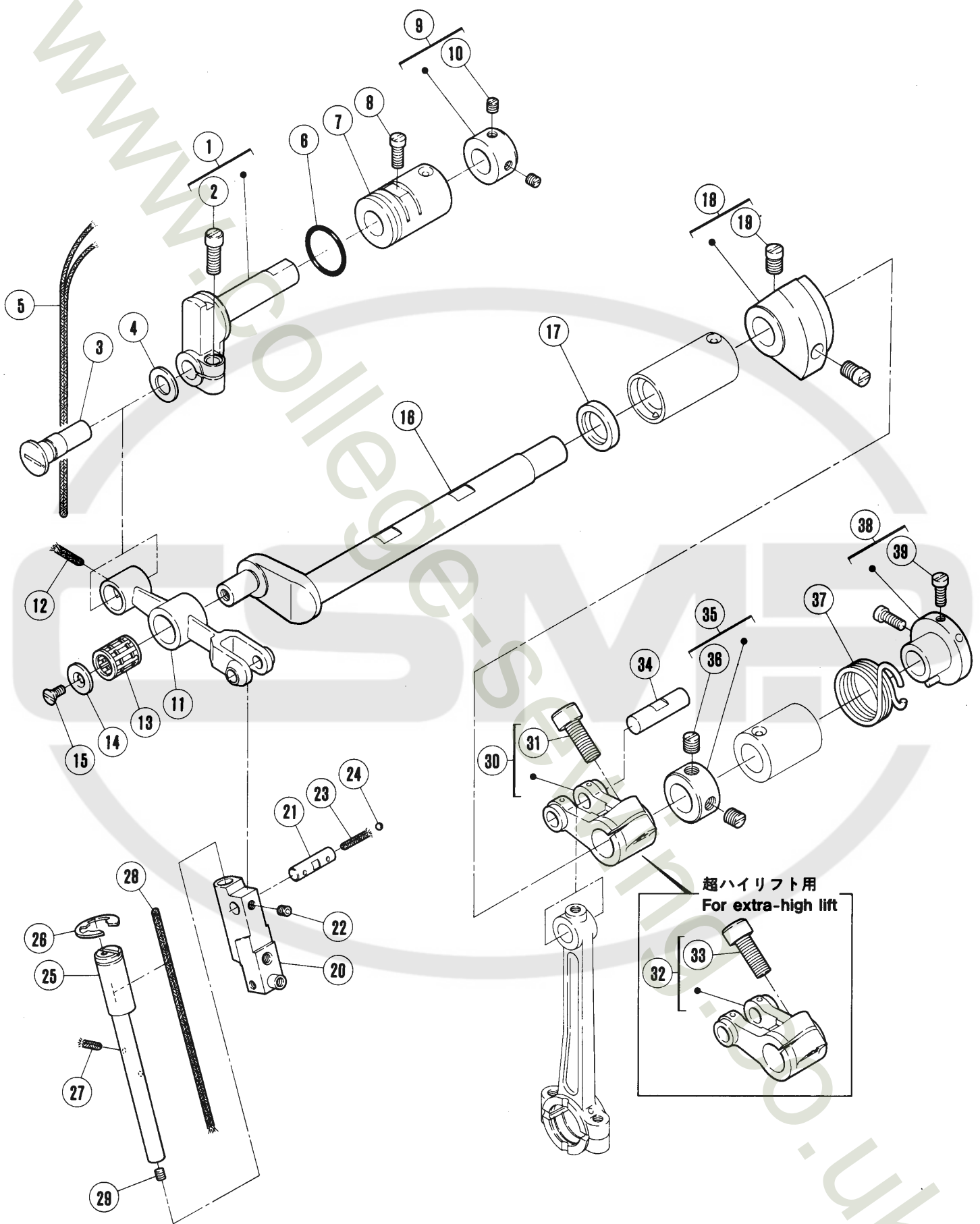
| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|-------------------|------------|-------------------------------|-----|
| 1 | 213274-91Y | クランク軸(組) | CLANK SHAFT COMPLETE | 1 |
| 2 | 213010-91 | クランク軸 | CRANKSHAFT | 1 |
| 3 | 213012-92 | ロッド/針振り | CONNECTION | 1 |
| 4 | 5461 | 止ネジ/C 5 | SCREW | 1 |
| 5 | 5376 | 平ネジ/C 4 | SCREW | 2 |
| 6 | 210173 | ロッド/上メス | CONNECTION/UPPER KNIFE DRIVE | 1 |
| 7 | 5376 | 平ネジ/C 4 | SCREW | 2 |
| 8 | 210091 | ロッド | CONNECTION/LOWER LOOPER DRIVE | 1 |
| 9 | 5376 | 平ネジ/C 4 | SCREW | 4 |
| 10 | 213013-92 | クランク/下ルーバー | CRANK | 1 |
| 11 | 5457 | 平ネジ/C 9 | SCREW | 1 |
| 12 | 210091 | ロッド | CONNECTION/LOWER LOOPER DRIVE | 1 |
| 13 | 5376 | 平ネジ/C 4 | SCREW | 4 |
| 14 | 210733 | クランク/上ルーバー | CRANK/UPPER LOOPER/STD LIFT | 1 |
| 15 | 5457 | 平ネジ/C 9 | SCREW | 1 |
| 16 | 213274A91Y | クランク軸(組) | CRANKSHAFT COMPLETE | 1 |
| 17 | 213010A91 | クランク軸 | CRANKSHAFT | 1 |
| 3 | 213012-92 | ロッド/針振り | CONNECTION | 1 |
| 4 | 5461 | 止ネジ/C 5 | SCREW | 1 |
| 5 | 5376 | 平ネジ/C 4 | SCREW | 2 |
| 6 | 210173 | ロッド/上メス | CONNECTION/UPPER KNIFE DRIVE | 1 |
| 7 | 5376 | 平ネジ/C 4 | SCREW | 2 |
| 8 | 210091 | ロッド | CONNECTION/LOWER LOOPER DRIVE | 1 |
| 9 | 5376 | 平ネジ/C 4 | SCREW | 4 |
| 18 | 213013A92 | クランク/下ルーバー | CRANK | 1 |
| 11 | 5457 | 平ネジ/C 9 | SCREW | 1 |
| 12 | 210091 | ロッド | CONNECTION/LOWER LOOPER DRIVE | 1 |
| 13 | 5376 | 平ネジ/C 4 | SCREW | 4 |
| 19 | 210731 | クランク/上ルーバー | CRANK/UPPER LOOPER | 1 |
| 15 | 5457 | 平ネジ/C 9 | SCREW | 1 |
| 20 | 213274B91Y | クランク軸(組) | CRANKSHAFT COMPLETE | 1 |
| 2 | 213010-91 | クランク軸 | CRANKSHAFT | 1 |
| 3 | 213012-92 | ロッド/針振り | CONNECTION | 1 |
| 4 | 5461 | 止ネジ/C 5 | SCREW | 1 |
| 5 | 5376 | 平ネジ/C 4 | SCREW | 2 |
| 6 | 210173 | ロッド/上メス | CONNECTION/UPPER KNIFE DRIVE | 1 |
| 7 | 5376 | 平ネジ/C 4 | SCREW | 2 |
| 8 | 210091 | ロッド | CONNECTION/LOWER LOOPER DRIVE | 1 |
| 9 | 5376 | 平ネジ/C 4 | SCREW | 4 |
| 10 | 213013-92 | クランク/下ルーバー | CRANK | 1 |
| 11 | 5457 | 平ネジ/C 9 | SCREW | 1 |
| 12 | 210091 | ロッド | CONNECTION/LOWER LOOPER DRIVE | 1 |
| 13 | 5376 | 平ネジ/C 4 | SCREW | 4 |
| 21 | 210732 | クランク/上ルーバー | CRANK/UPPER LOOPER | 1 |
| 15 | 5457 | 平ネジ/C 9 | SCREW | 1 |



クランクシャフト機構(2)

CRANKSHAFT DRIVE MECHANISM(2)

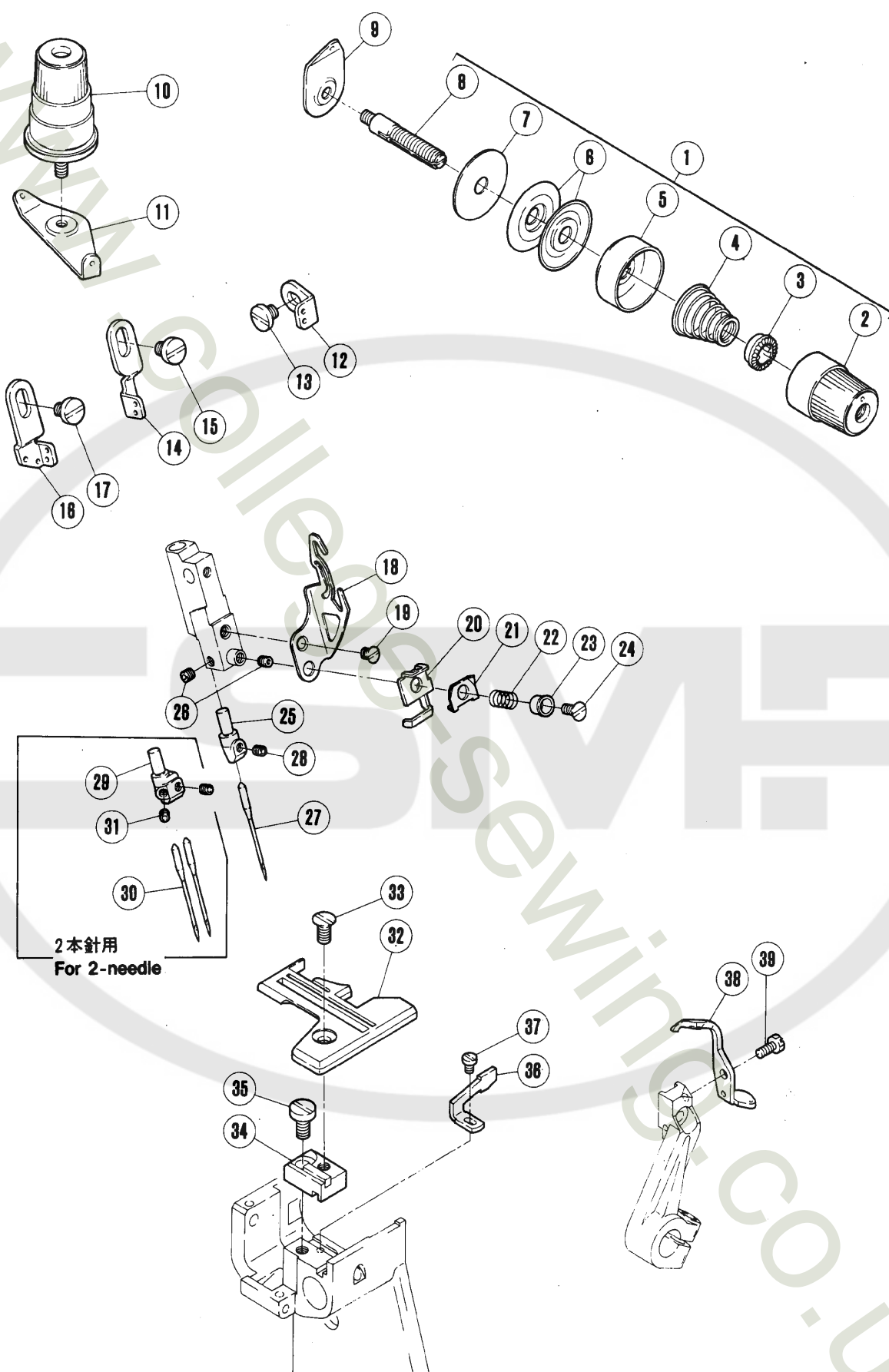
| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|------------------|-----------|-----------------------|-----|
| 1 | 210062 | バランスウエイト | BALANCE WEIGHT | 1 |
| 2 | 5029 | 平ネジ／C 3 | SCREW | 2 |
| 3 | 240166 | ボールベアリング | BALL BEARING | 1 |
| 4 | 206129 | 止メ輪 | STOP RING | 1 |
| 5 | 210156 | 角駒 | BLOCK/FEED BAR LIFT | 1 |
| 6 | 206128 | ニードルベアリング | NEEDLE BEARING | 1 |
| 7 | 206768 | 座金 | WASHER | 1 |
| 8 | 4009-1 | 平ネジ／C 5 | SCREW | 1 |
| 9 | 211527 | 止輪 | RETAINING RING | 1 |
| 10 | 211525 | ボールベアリング | BALL BEARING | 1 |
| 11 | 213014-92 | ウォーム | WORM | 1 |
| 12 | 5461 | 止ネジ／C 5 | SCREW | 1 |
| 13 | 211526 | ボールベアリング | BALL BEARING | 1 |
| 14 | 211529 | 波板座金 | PLATE SPRING | 1 |
| 15 | 210055 | Oリング | O RING | 1 |
| 16 | 211528 | ハウジング(右) | BALL BEARING RETAINER | 1 |
| 17 | 5117 | 平ネジ／C 5 | SCREW | 3 |
| 18 | 210056 | 油切り | OIL SEAL | 1 |
| 19 | 210057 | Oリング | O RING | 1 |
| 20 | 210058 | ファン | COOLING FAN | 1 |
| 21 | 211346-HD | プーリー | MACHINE PULLEY | 1 |
| 22 | 5523 | 止ネジ／C 9 | PIN-SCREW | 1 |
| 23 | 5050 | 止ネジ／C 9 | SCREW | 1 |
| 24 | 5522 | 平ネジ／C 9 | SCREW | 1 |
| 25 | 204293 | 座金 | WASHER | 1 |



針振り機構(1)

NEEDLE DRIVE MECHANISM(1)

| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|------------------|-----------|-----------------------------|-----|
| 1 | 210239 | 針振り案内 | HOLDER | 1 |
| 2 | 5485 | 平ネジ／C 7 | SCREW | 1 |
| 3 | 210240 | エキセンピン | PIN | 1 |
| 4 | 210241 | 座金 | WASHER | 1 |
| 5 | 212186 | 給油紐 | OIL WICK | 1 |
| 6 | 210057 | Oリング | O RING | 1 |
| 7 | 210242 | ブッシュ | BUSHING | 1 |
| 8 | 5325 | 平ネジ／C 5 | SCREW | 1 |
| 9 | 201056 | カラー | COLLAR | 1 |
| 10 | 1457 | 止ネジ／C 5 | SCREW | 2 |
| 11 | 210235 | レバー／針振り | LEVER/NEEDLE DRIVE | 1 |
| 12 | 202175 | 給油紐 | OIL WICK | 1 |
| 13 | 210238 | ニードルベアリング | NEEDLE BEARING | 1 |
| 14 | 210236 | 座金 | WASHER | 1 |
| 15 | 5022 | 皿ネジ／C 3 | SCREW | 1 |
| 16 | 210232A | クランク軸／針振り | SHAFT | 1 |
| 17 | 210069 | オイルシール | OIL SEAL | 1 |
| 18 | 210511 | バランスウエイト | BALANCE WEIGHT | 1 |
| 19 | 5059 | 平ネジ／C 8 | SCREW | 2 |
| 20 | 213015 | 針留案内 | NEEDLE HOLDER GUIDE | 1 |
| 21 | 210237A | 平行ピン | PIN | 1 |
| 22 | 5292 | 止ネジ／C 3 | SCREW | 1 |
| 23 | 202174 | 給油紐 | OIL WICK | 1 |
| 24 | 240148 | 栓 | PLUG | 1 |
| 25 | 210244 | 軸／針留案内 | STUD | 1 |
| 26 | 202577 | 止メ輪 | STOP RING | 1 |
| 27 | 240189 | 給油紐 | OIL WICK | 1 |
| 28 | 202174 | 給油紐 | OIL WICK | 1 |
| 29 | 5292 | 止ネジ／C 3 | SCREW | 1 |
| 30 | 210230 | クランク | CRANK/NEEDLE DRIVE/STD LIFT | 1 |
| 31 | 5457 | 平ネジ／C 9 | SCREW | 1 |
| 32 | 210231 | クランク | CRANK/NEEDLE DRIVE | 1 |
| 33 | 5457 | 平ネジ／C 9 | SCREW | 1 |
| 34 | 204146 | 平行ピン | PIN | 1 |
| 35 | 201635 | カラー | COLLAR | 1 |
| 36 | 5060 | 止ネジ／C 8 | SCREW | 2 |
| 37 | 212785 | ネジリバネ | SPRING | 1 |
| 38 | 212786-91 | カラー | COLLAR | 1 |
| 39 | 1174 | 平ネジ／C 4 | SCREW | 2 |



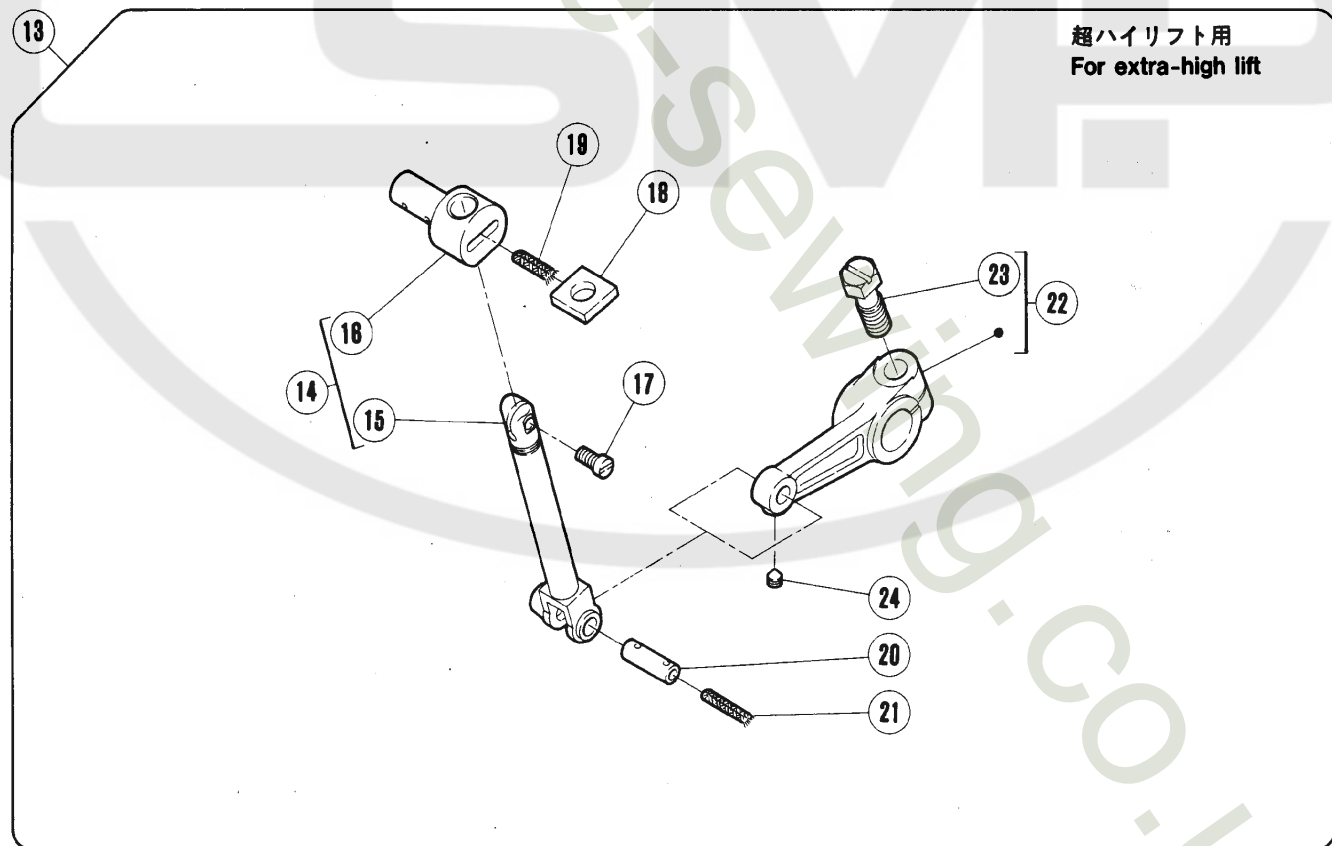
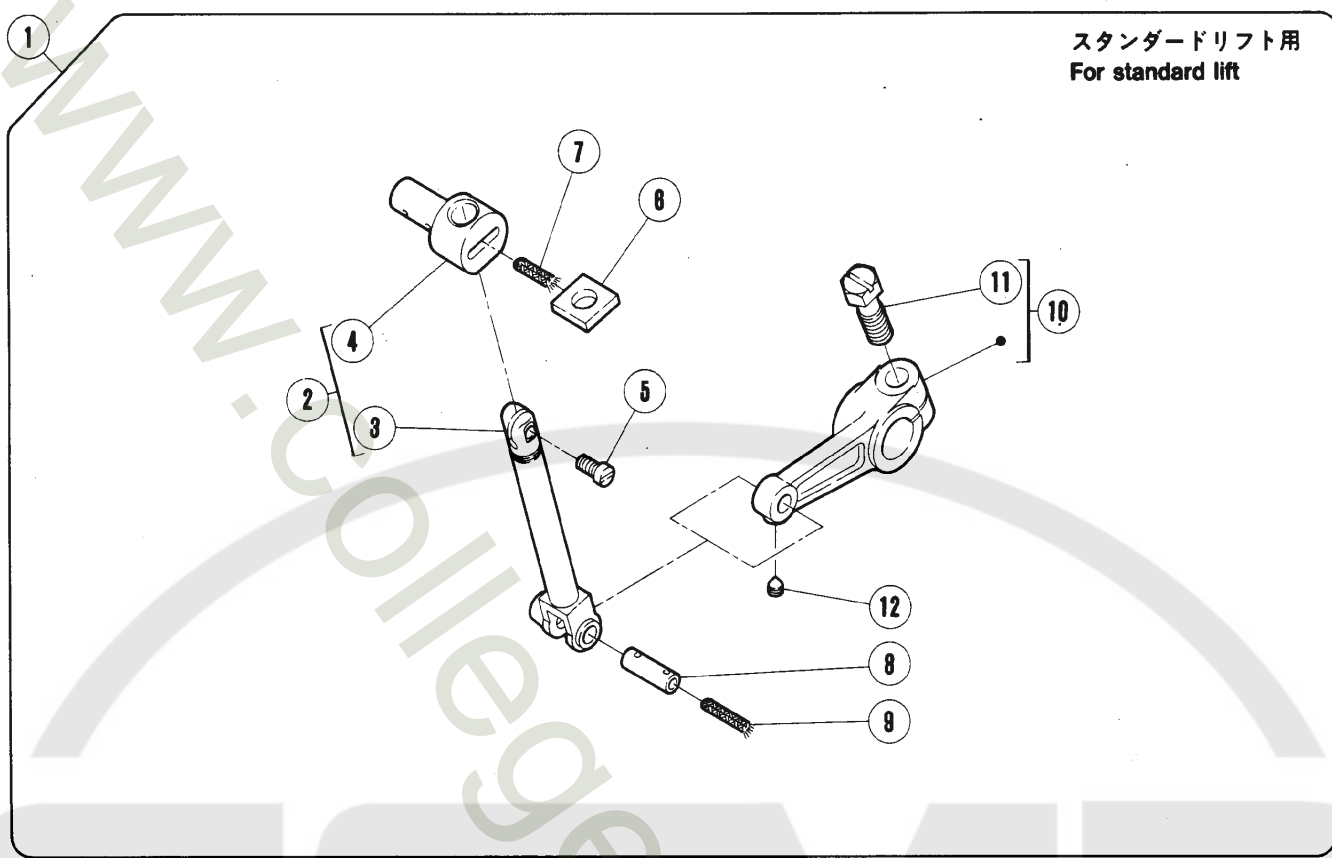
針振り機構(2)

NEEDLE DRIVE MECHANISM(2)

| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|-----------|-----------|---------------------------|-----|
| 1 | 210529 | 糸調子(組)／針糸 | THREAD TENSION COMPLETE | 1 |
| 2 | 208447 | ツマミ | POST NUT | 1 |
| 3 | 208448 | ラチェット | SPRING BUSHING | 1 |
| 4 | 201037 | 圧縮バネ | TENSION SPRING (HEAVY) | 1 |
| 5 | 208450 | 受皿 | CAP | 1 |
| 6 | 210319 | 調子皿 | DISC | 2 |
| 7 | 208449 | フェルト | FELT | 1 |
| 8 | 5082A | 調子棒／C 5 | SCREW STUD | 1 |
| 9 | 202849 | 調子台 | TENSION GUIDE | 1 |
| 10 | 210529 | 糸調子(組)／針糸 | THREAD TENSION COMPLETE | 1 |
| 11 | 210090 | 調子台／2本針 | TENSION GUIDE/2 NDL | 1 |
| 12 | 210089 | 糸道 | NEEDLE THREAD GUIDE RIGHT | 1 |
| 13 | 2905 | 平ネジ／C 5 | SCREW | 1 |
| 14 | 213251 | 糸道(右) | NEEDLE THREAD GUIDE RIGHT | 1 |
| 15 | 5535 | 平ネジ／C 5 | SCREW | 1 |
| 16 | 213252 | 糸道(左) | NEEDLE THREAD GUIDE LEFT | 1 |
| 17 | 5535 | 平ネジ／C 5 | SCREW | 1 |
| 18 | 213250 | 針糸繰り | NEEDLE THREAD TAKEUP | 1 |
| 19 | 5446 | 皿ネジ／C 3 | SCREW | 1 |
| 20 | 212503 | 小調子台 | BRACKET | 1 |
| 21 | 212504 | 小調子皿 | NEEDLE THREAD RETAINER | 1 |
| 22 | 210751 | 圧縮バネ | SPRING | 1 |
| 23 | 210750 | 案内 | GUIDE | 1 |
| 24 | 5022 | 皿ネジ／C 3 | SCREW | 1 |
| 25 | XXXXXX | 針留 | NEEDLE HOLDER | 1 |
| 26 | 5292 | 止ネジ／C 3 | SCREW | 2 |
| 27 | XXXXXX | 針 | NEEDLE | 1 |
| 28 | 5292 | 止ネジ／C 3 | SCREW | 1 |
| 29 | XXXXXX | 針留 | NEEDLE HOLDER | 1 |
| 30 | XXXXXX | 針 | NEEDLE | 2 |
| 31 | 5292 | 止ネジ／C 3 | SCREW | 2 |
| 32 | XXXXXX | 針板 | NEEDLE PLATE | 1 |
| 33 | 5484-HC | 皿ネジ／C 5 | SCREW | 1 |
| 34 | 213060-91 | ブラケット | BRACKET | 1 |
| 35 | 5117 | 平ネジ／C 5 | SCREW | 1 |
| 36 | XXXXXX | 針受前 | NEEDLE GUARD (FRONT) | 1 |
| 37 | 1333 | 平ネジ／C 1 | SCREW | 1 |
| 38 | XXXXXX | 針受後 | NEEDLE GURD (REAR) | 1 |
| 39 | 5635 | 六角ネジ／C 3 | SCREW | 1 |

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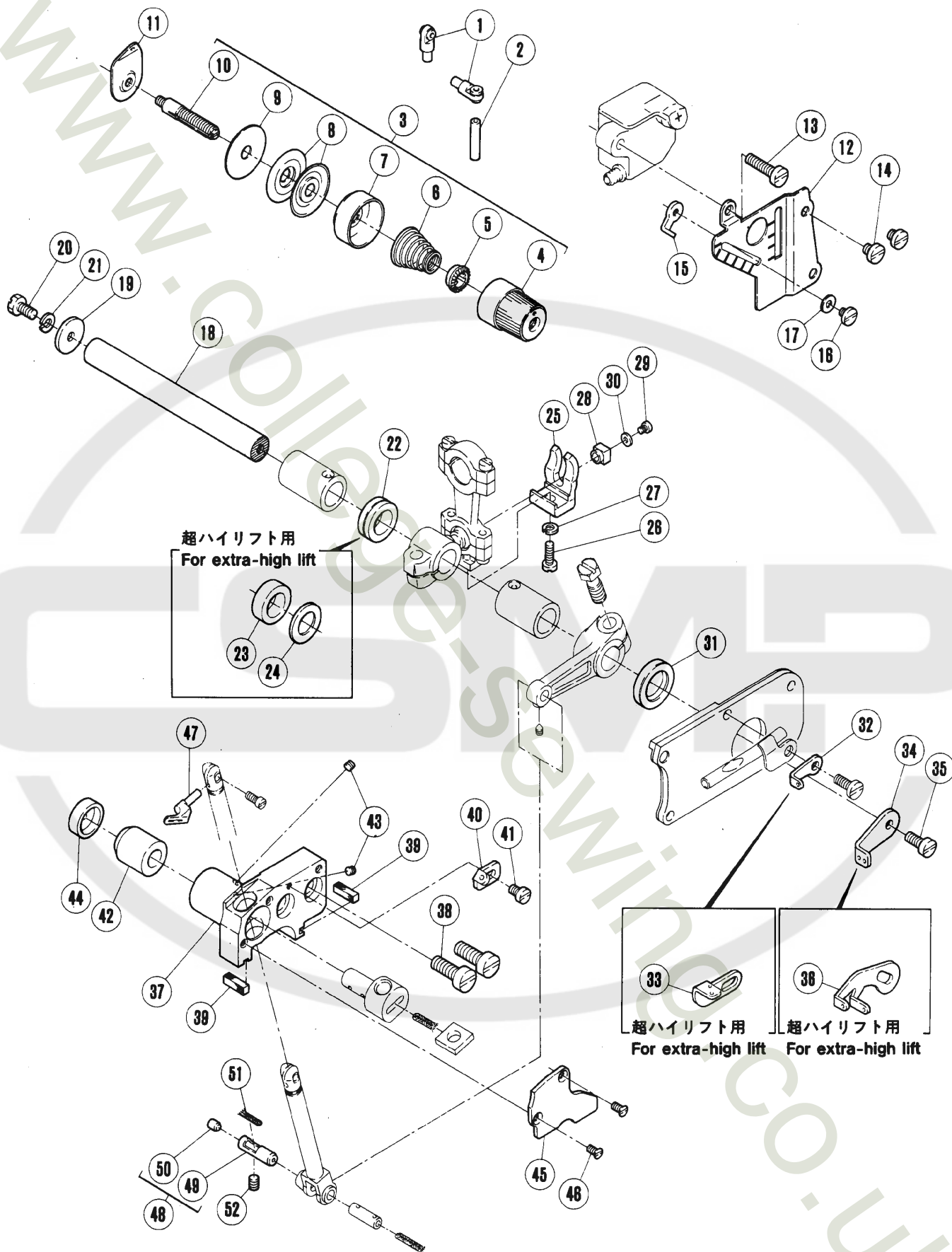
See page 52 for ×××××



上ルーパー機構(1)

UPPER LOOPER DRIVE MECHANISM(1)

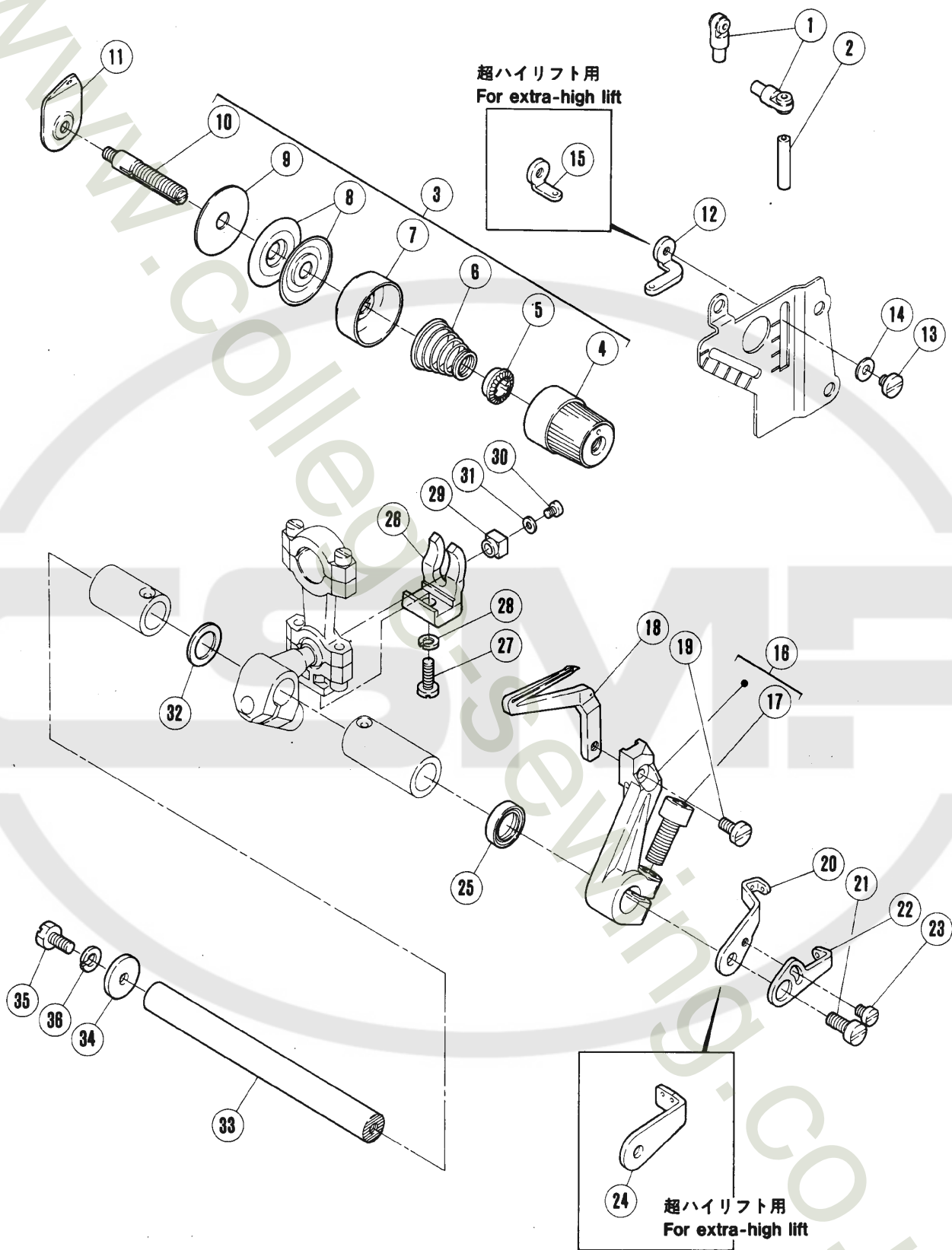
| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|-------------------|-------------|------------------------------|-----|
| 1 | 213275-91Y | 上ルーパー台(組) | UPPER LOOPER HOLDER ASSEMBLY | 1 |
| 2 | 213017-91 | 上ルーパー台(セット) | UPPER LOOPER HOLDER ASSEMBLY | 1 |
| 3 | 213018-91 | 上ルーパー台 | UPPER LOOPER HOLDER | 1 |
| 4 | 213020 | ルーパー台案内 | GUIDE/UPPER LOOPER HOLDER | 1 |
| 5 | 7054 | 平ネジ/M 3. 5 | SCREW | 1 |
| 6 | 179130-05 | フェルト | OIL FELT | 1 |
| 7 | 202175 | 給油紐 | OIL WICK | 1 |
| 8 | 213023 | 平行ピン | PIN | 1 |
| 9 | 202176 | 給油紐 | OIL WICK | 1 |
| 10 | 213022-92 | レバー | LEVER/UPPER LOOPER HOLDER | 1 |
| 11 | 5284 | 六角ネジ/C 9 | SCREW | 1 |
| 12 | 5629 | 止ネジ/C 3 | SCREW | 1 |
| 13 | 213275A91Y | 上ルーパー台(組) | UPPER LOOPER HOLDER ASSEMBLY | 1 |
| 14 | 213017-91 | 上ルーパー台(セット) | UPPER LOOPER HOLDER ASSEMBLY | 1 |
| 15 | 213018-91 | 上ルーパー台 | UPPER LOOPER HOLDER | 1 |
| 16 | 213020 | ルーパー台案内 | GUIDE/UPPER LOOPER HOLDER | 1 |
| 17 | 7054 | 平ネジ/M 3. 5 | SCREW | 1 |
| 18 | 179130-05 | フェルト | OIL FELT | 1 |
| 19 | 202175 | 給油紐 | OIL WICK | 1 |
| 20 | 213023 | 平行ピン | PIN | 1 |
| 21 | 202176 | 給油紐 | OIL WICK | 1 |
| 22 | 213022A92 | レバー | LEVER/UPPER LOOPER HOLDER | 1 |
| 23 | 5284 | 六角ネジ/C 9 | SCREW | 1 |
| 24 | 5629 | 止ネジ/C 3 | SCREW | 1 |



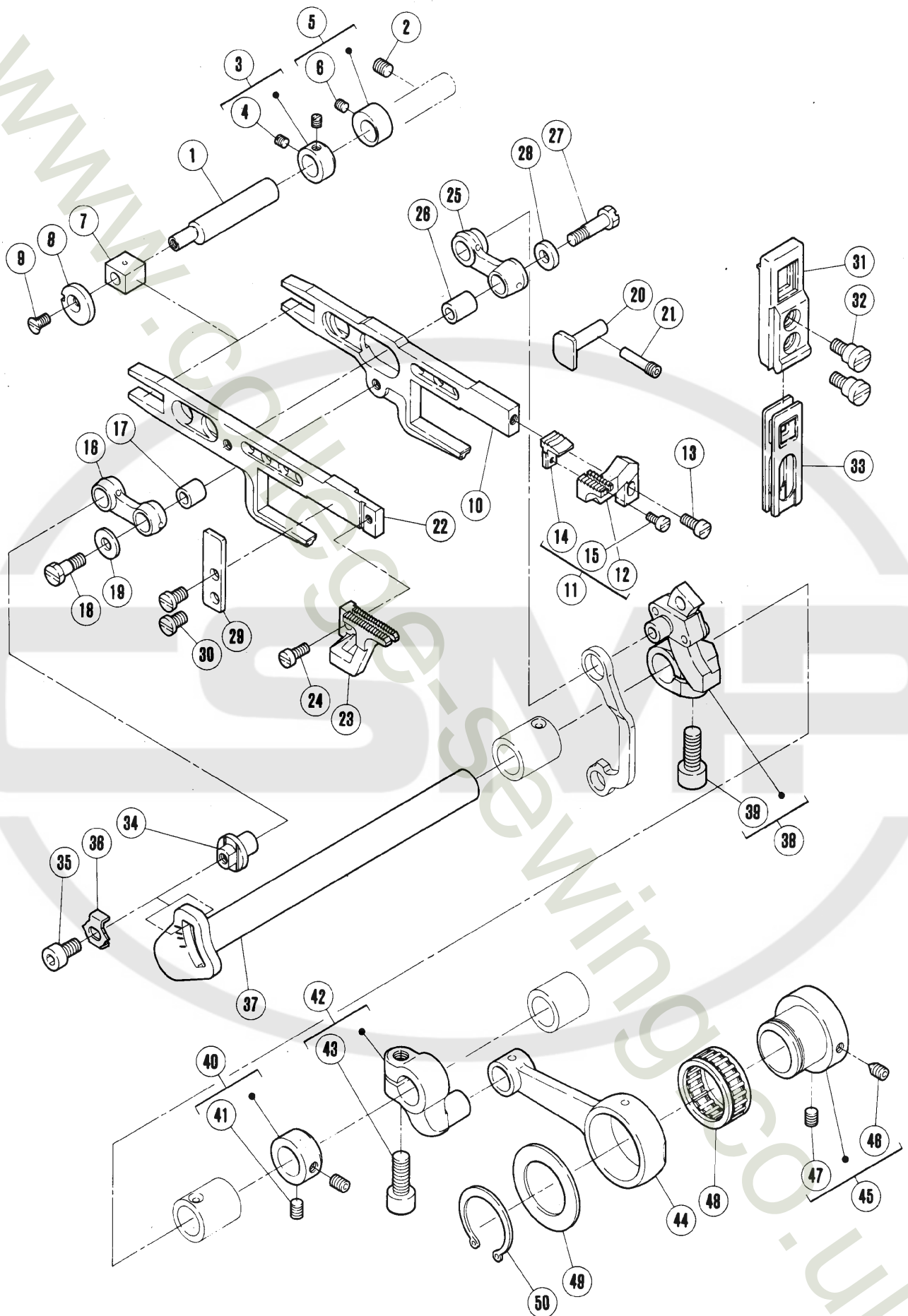
| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|-----------|------------|------------------------------|-----|
| 1 | 201439A | 糸道 | EYELET | 2 |
| 2 | 204657 | パイプ | THREAD TUBE | 1 |
| 3 | 210531 | 糸調子(組) | TENSION NUT COMPLETE (LIGHT) | 1 |
| 4 | 208447 | ツマミ | POST NUT | 1 |
| 5 | 208448 | ラチェット | SPRING BUSHING | 1 |
| 6 | 201068 | 圧縮バネ | TENSION SPRING (LIGHT) | 1 |
| 7 | 208450 | 受皿 | CAP | 1 |
| 8 | 210319 | 調子皿 | DISC | 2 |
| 9 | 208449 | フェルト | FELT | 1 |
| 10 | 5082A | 調子棒 / C 5 | SCREW STUD | 1 |
| 11 | 202849 | 調子台 | TENSION GUIDE | 1 |
| 12 | 210349 | 糸道取付板 | LOOPER THREAD GUIDE PLATE | 1 |
| 13 | 5152 | 平ネジ / C 5 | SCREW | 1 |
| 14 | 2905 | 平ネジ / C 5 | SCREW | 2 |
| 15 | 210350 | 糸道 | UPPER LOOPER THREAD GUIDE | 1 |
| 16 | 5519 | 平ネジ / C 3 | SCREW | 1 |
| 17 | 202875 | 座金 | WASHER | 1 |
| 18 | 210099A | 軸 | SHAFT | 1 |
| 19 | 210100 | 座金 | WASHER | 1 |
| 20 | 2193 | 六角ネジ / C 5 | SCREW | 1 |
| 21 | 202286 | バネ座金 | WASHER | 1 |
| 22 | 210098 | スペーサー(標準) | SPACER | 1 |
| 23 | 210267 | スペーサー(超ハイ) | SPACER | 1 |
| 24 | 206180 | 座金 | WASHER | 1 |
| 25 | 210092 | 振れ止め | GUIDE/CONNECTION | 1 |
| 26 | 5546 | 平ネジ / C 5 | SCREW | 1 |
| 27 | 202286 | バネ座金 | WASHER | 1 |
| 28 | 210093 | 角駒 | BLOCK/CONNECTION | 1 |
| 29 | 1231 | 平ネジ / C 1 | SCREW | 1 |
| 30 | 210585 | 座金 | WASHER | 1 |
| 31 | 210103 | オイルシール | OIL SEAL | 1 |
| 32 | 213256 | 糸道 | THREAD GUIDE | 1 |
| 33 | 213258 | 糸道(超ハイ) | THREAD GUIDE | 1 |
| 34 | 210351 | 糸繰り(標準) | UPPER LOOPER THREAD TAKEUP | 1 |
| 35 | 2902 | 平ネジ / C 5 | SCREW | 1 |
| 36 | 211659A | 糸繰り(超ハイ) | THREAD TAKEUP | 1 |
| 37 | 213024 | 土台 / 上ルーパー | BASE/UPPER LOOPER | 1 |
| 38 | 5282 | 平ネジ / C 9 | SCREW | 2 |
| 39 | 240168 | ガスケット | GASKET | 2 |
| 40 | 213255 | 糸道 | THREAD GUIDE | 1 |
| 41 | 1229 | 平ネジ / C 3 | SCREW | 1 |
| 42 | 213021 | ブッシュ | BUSHING | 1 |
| 43 | 5292 | 止ネジ / C 3 | SCREW | 1 |
| 44 | 240167 | 栓 | PLUG | 1 |
| 45 | 213025 | カバー | COVER | 1 |
| 46 | 5437 | 皿ネジ / C 3 | SCREW | 2 |
| 47 | XXXXXX | 上ルーパー | UPPER LOOPER | 1 |
| 48 | 179066-02 | 油受ケ(組) | OIL RELEASE PLUG COMP. | 1 |
| 49 | 179066-05 | 油受ケ | OIL RELEASE PLUG | 1 |
| 50 | 240038 | 栓 | PLUG | 1 |
| 51 | 202175 | 給油紐 | OIL WICK | 1 |
| 52 | 5461 | 止ネジ / C 5 | SCREW | 1 |

×××××は、52頁参照。

See page 52 for ×××××



| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|-----------|------------|----------------------------|-----|
| 1 | 201439A | 糸道 | EYELET | 2 |
| 2 | 204657 | パイプ | THREAD TUBE | 1 |
| 3 | 210530 | 糸調子(組) | THREAD TENSION COMPLETE | 1 |
| 4 | 208447 | ツマミ | POST NUT | 1 |
| 5 | 208448 | ラチェット | SPRING BUSHING | 1 |
| 6 | 201086 | 圧縮バネ | TENSION SPRING (MEDIUM) | 1 |
| 7 | 208450 | 受皿 | CAP | 1 |
| 8 | 210319 | 調子皿 | DISC | 2 |
| 9 | 208449 | フェルト | FELT | 1 |
| 10 | 5082A | 調子棒 / C 5 | SCREW STUD | 1 |
| 11 | 202849 | 調子台 | TENSION GUIDE | 1 |
| 12 | 211391 | 糸道 / 標準 | THREAD GUIDE RIGHT | 1 |
| 13 | 5519 | 平ネジ / C 3 | SCREW | 1 |
| 14 | 202875 | 座金 | WASHER | 1 |
| 15 | 201089 | 糸道 / 超ハイ | THREAD GUIDE (RIGHT) | 1 |
| 16 | 213029-92 | 下ルーパー台 | LOWER LOOPER LEVER | 1 |
| 17 | 5457 | 平ネジ / C 9 | SCREW | 1 |
| 18 | XXXXXX | 下ルーパー | LOWER LOOPER | 1 |
| 19 | 1202 | 平ネジ / C 4 | SCREW | 1 |
| 20 | 213254 | 糸繰り / 標準 | THREAD TAKEUP | 1 |
| 21 | 2902 | 平ネジ / C 5 | SCREW | 1 |
| 22 | 213253 | 糸繰り | THREAD TAKEUP | 1 |
| 23 | 2921 | 平ネジ / C 3 | SCREW | 1 |
| 24 | 213257 | 糸繰り / 超ハイ | THREAD TAKEUP | 1 |
| 25 | 204052A | オイルシール | OIL SEAL | 1 |
| 26 | 210092 | 振れ止め | GUIDE / CONNECTION | 1 |
| 27 | 5546 | 平ネジ / C 5 | SCREW | 1 |
| 28 | 202286 | バネ座金 | WASHER | 1 |
| 29 | 210093 | 角駒 | BLOCK / CONNECTION | 1 |
| 30 | 1231 | 平ネジ / C 1 | SCREW | 1 |
| 31 | 210585 | 座金 | WASHER | 1 |
| 32 | 240102 | スペーサー | SPACER | 1 |
| 33 | 210123 | 軸 | SHAFT / LOWER LOOPER LEVER | 1 |
| 34 | 204107 | 座金 | WASHER | 1 |
| 35 | 2193 | 六角ネジ / C 5 | SCREW | 1 |
| 36 | 202286 | バネ座金 | WASHER | 1 |



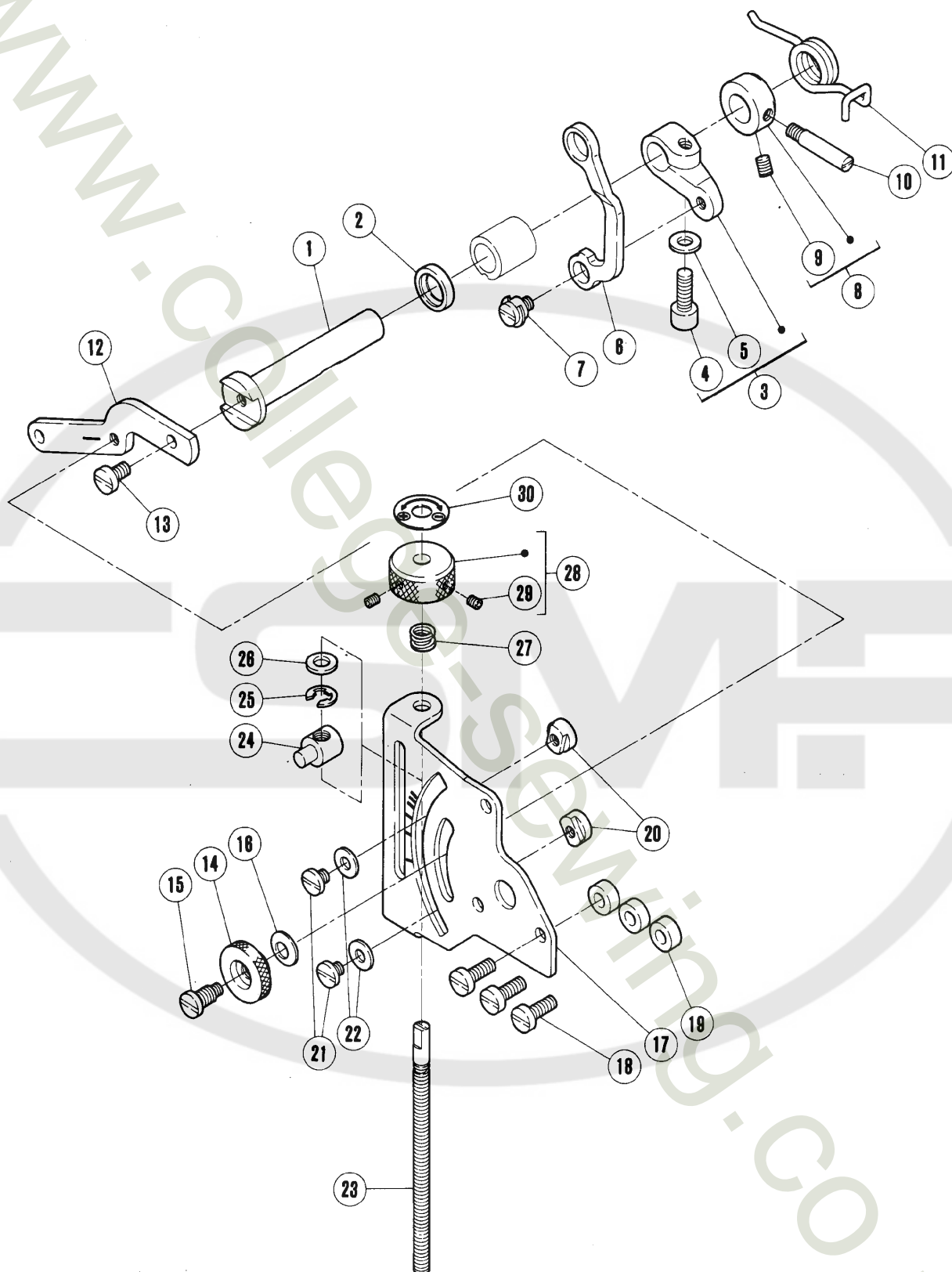
送り機構(1)

FEED MECHANISM(1)

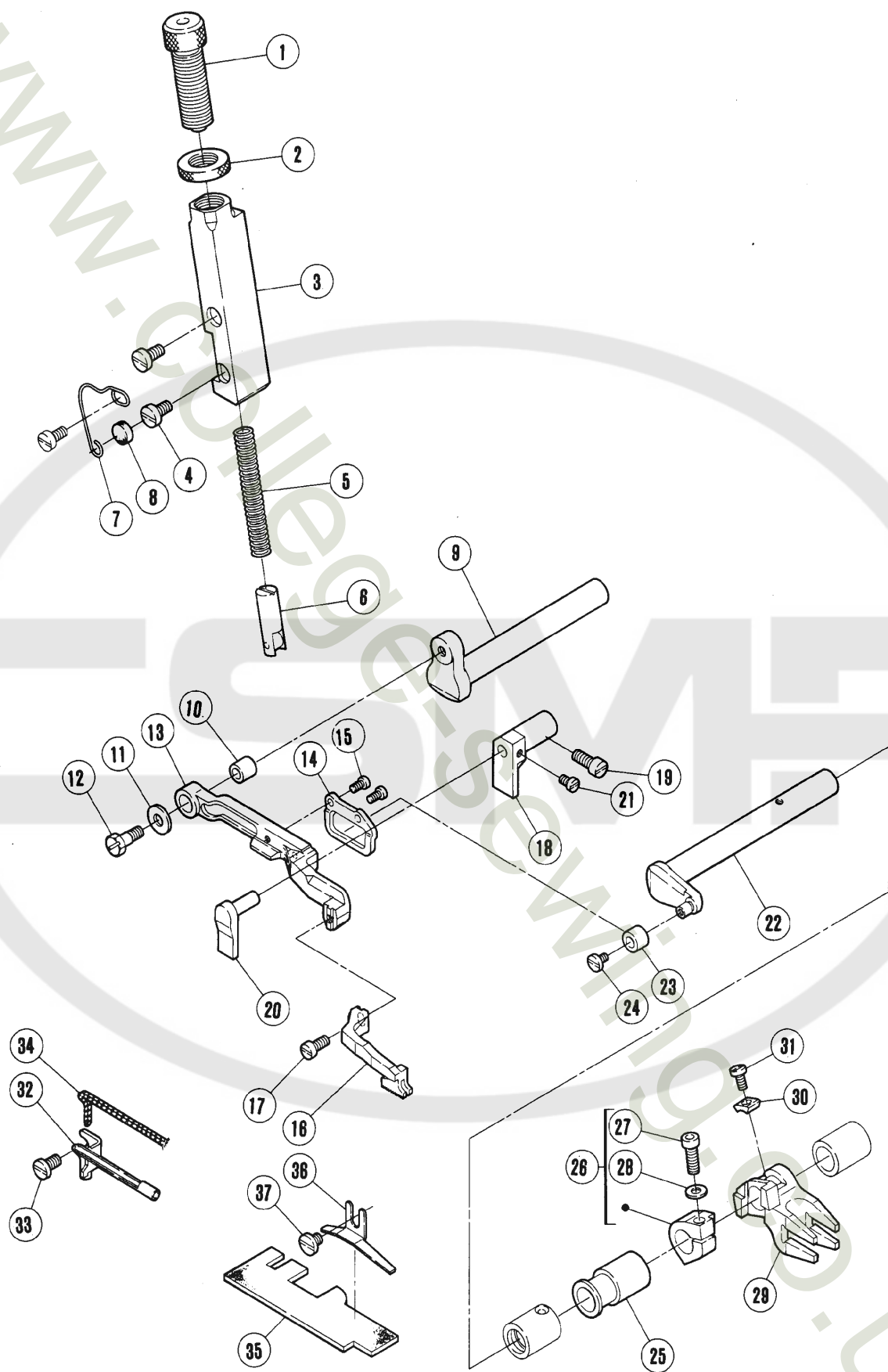
| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|------------------|-----------|------------------------|-----|
| 1 | 179177-05 | 案内軸 | FEED BAR PIN | 1 |
| 2 | 5234 | 止ネジ／C 7 | SCREW | 1 |
| 3 | 232508 | カラー(組) | COLLAR | 1 |
| 4 | 1459 | 止ネジ／C 4 | SCREW | 2 |
| 5 | 240171-92 | カラー(組) | COLLAR | 1 |
| 6 | 1459 | 止ネジ／C 4 | SCREW | 1 |
| 7 | 179178-05 | 角駒 | BLOCK | 1 |
| 8 | 204439A | 座金 | WASHER | 1 |
| 9 | 7041 | 皿ネジ／M 3 | SCREW | 1 |
| 10 | 213033 | 主送り台 | MAIN FEED BAR | 1 |
| 11 | XXXXXX | 主送り歯組 | MAIN FEED DOG COMPLETE | 1 |
| 12 | XXXXXX | 主送り歯 | MAIN FEED DOG | 1 |
| 13 | 1175-2 | 平ネジ／C 4 | SCREW | 1 |
| 14 | XXXXXX | 補助送り歯 | AUX. FEED DOG | 1 |
| 15 | 5492 | 平ネジ／C 1 | SCREW | 1 |
| 16 | 213036 | リンク | LINK | 1 |
| 17 | 210148 | ブッシュ | BUSHING | 1 |
| 18 | 5489 | 六角ネジ／C 5 | SCREW | 1 |
| 19 | 204115 | 座金 | WASHER | 1 |
| 20 | 213043 | 送り台案内(右) | FEED GUIDE BAR (RIGHT) | 1 |
| 21 | 5632 | ピン付ネジ／C 5 | SCREW | 1 |
| 22 | 213034 | 差動送り台 | DIFF. FEED BAR | 1 |
| 23 | XXXXXX | 差動送り歯 | DIFF. FEED DOG | 1 |
| 24 | 1175-2 | 平ネジ／C 4 | SCREW | 1 |
| 25 | 213042 | リンク | LINK | 1 |
| 26 | 204114 | ブッシュ | BUSHING | 1 |
| 27 | 5231 | 六角ネジ／C 5 | SCREW | 1 |
| 28 | 208245 | 座金 | WASHER | 1 |
| 29 | 213044 | 送り台案内(左) | FEED GUIDE BAR (LEFT) | 1 |
| 30 | 5506 | 平ネジ／C 5 | SCREW | 2 |
| 31 | 213046 | 油切り案内 | GUIDE/FEED BAR OILSEAL | 1 |
| 32 | 5633 | 段付ネジ／C 5 | SCREW | 2 |
| 33 | 213045 | 油切り | FEED BAR OILSEAL | 2 |
| 34 | 213037 | 段付ピン | PIN | 1 |
| 35 | 5531 | 平ネジ／C 5 | SCREW | 1 |
| 36 | 213038 | 指針 | INDICATOR | 1 |
| 37 | 213035 | クランク軸 | SHAFT/FEED DRIVE | 1 |
| 38 | 213039-92 | クランク | CRANK | 1 |
| 39 | 5457 | 平ネジ／C 9 | SCREW | 1 |
| 40 | 231506 | カラー | COLLAR | 1 |
| 41 | 5461 | 止ネジ／C 5 | SCREW | 2 |
| 42 | 213032-92 | クランク | CRANK | 1 |
| 43 | 5457 | 平ネジ／C 9 | SCREW | 1 |
| 44 | 210140 | ロッド | CONNECTION/FEED DRIVE | 1 |
| 45 | 213031-92 | エキセン | FEED ECCENTRIC | 1 |
| 46 | 5630 | 止ネジ／C 5 | SCREW | 1 |
| 47 | 5461 | 止ネジ／C 5 | SCREW | 1 |
| 48 | 204084 | ニードルベアリング | NEEDLE BEARING | 1 |
| 49 | 240169 | 座金 | WASHER | 1 |
| 50 | 240170 | 止輪 | RING | 1 |

×××××は、52頁参照。

See page 52 for ×××××



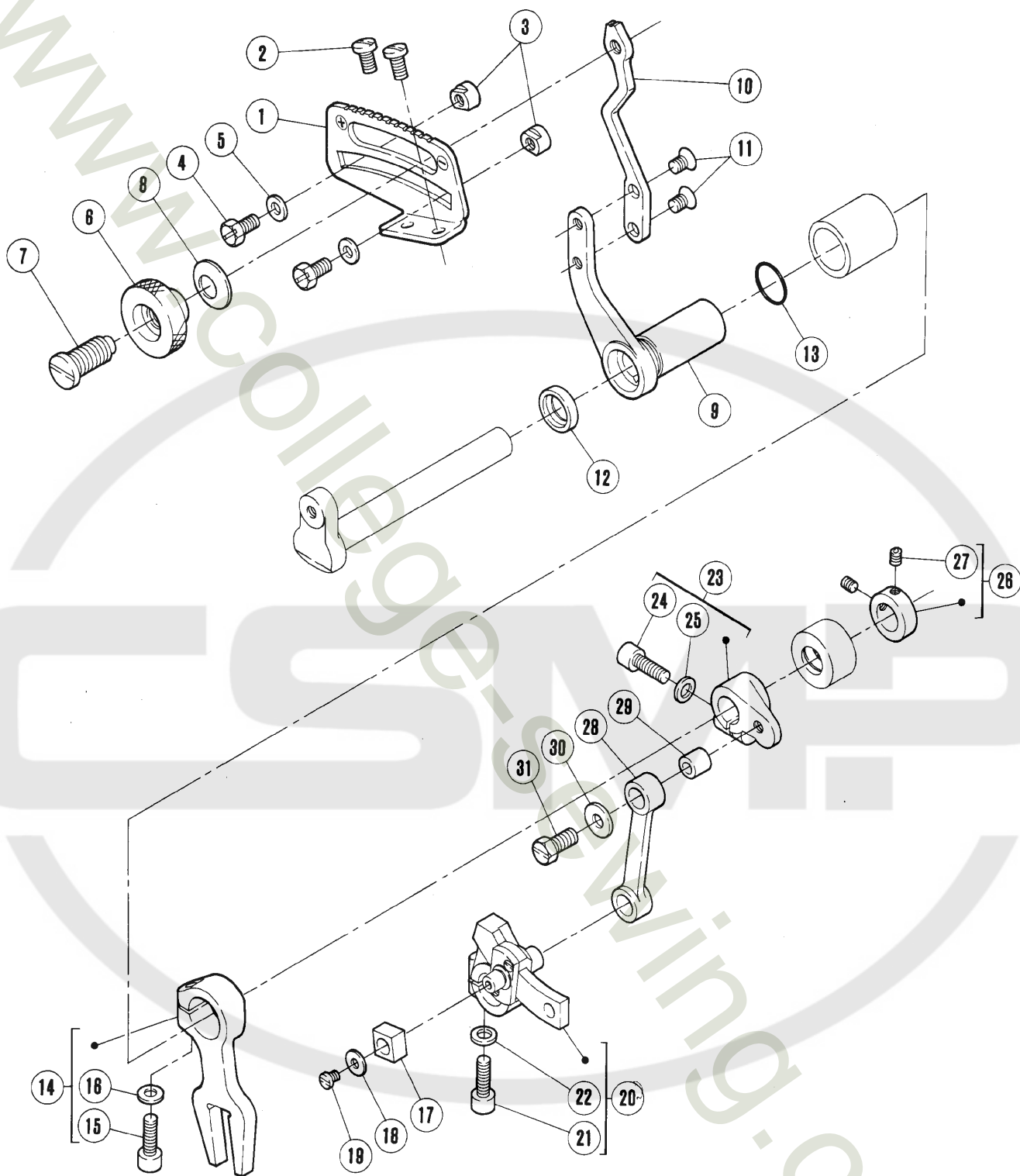
| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|------------------|----------|-----------------------|-----|
| 1 | 213047 | 軸／差動調節 | SHAFT | 1 |
| 2 | 204052A | オイルシール | OIL SEAL | 1 |
| 3 | 213048-92 | レバー | LEVER | 1 |
| 4 | 5594 | 平ネジ／C 7 | SCREW | 1 |
| 5 | 307003 | 座金 | WASHER | 1 |
| 6 | 211190 | リンク | LINK | 1 |
| 7 | 5316 | 段付ネジ／C 5 | SCREW | 1 |
| 8 | 204754A | カラー | COLLAR | 1 |
| 9 | 5461 | 止ネジ／C 5 | SCREW | 1 |
| 10 | 204757 | 段付ピン | SCREW | 1 |
| 11 | 213050 | ネジリバネ | SPRING | 1 |
| 12 | 213049 | レバー | LEVER | 1 |
| 13 | 5117 | 平ネジ／C 5 | SCREW | 1 |
| 14 | 210167 | ツマミ | THUMB NUT | 1 |
| 15 | 5486 | 段付ネジ／C 5 | SCREW | 1 |
| 16 | 211301 | 皿バネ | SPRING WASHER | 1 |
| 17 | 213051 | 調節板 | DIFF. FEED REG. GUIDE | 1 |
| 18 | 5118 | 平ネジ／C 5 | SCREW | 3 |
| 19 | 301762 | スペーサー | SPACER | 3 |
| 20 | 210171 | ストッパー | STOPPER | 2 |
| 21 | 2905 | 平ネジ／C 5 | SCREW | 2 |
| 22 | 201185 | 座金 | WASHER | 2 |
| 23 | 213052 | ピン付ネジ | DIFF. FEED REG. BAR | 1 |
| 24 | 213053 | 段付ネジ | BLOCK | 1 |
| 25 | 201629 | 止メ輪 | RING | 1 |
| 26 | 207924 | 座金 | WASHER | 1 |
| 27 | 210533 | 圧縮バネ | SPRING | 1 |
| 28 | 210532 | ツマミ | THUMB NUT | 1 |
| 29 | 5292 | 止ネジ／C 3 | SCREW | 2 |
| 30 | 212179 | 標示板 | MARK | 1 |



上送り機構(1)

TOP FEED MECHANISM(1)

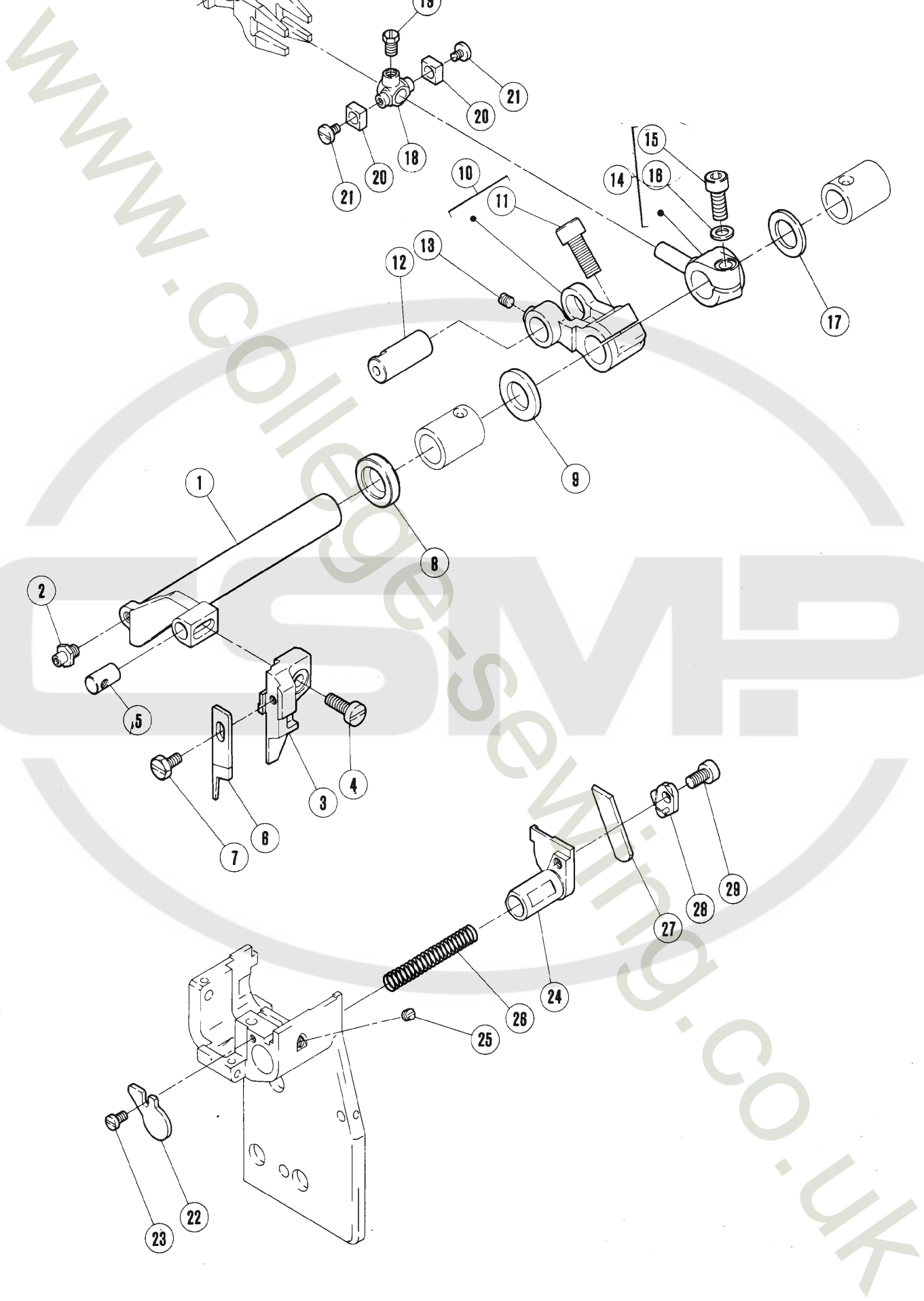
| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|-----------|------------|----------------------|-----|
| 1 | 212440 | 調節ネジ | THUMB SCREW | 1 |
| 2 | 210328 | 調節ナット | ADJUST SCREW NUT | 1 |
| 3 | 212025 | 押工棒案内 | PRESSER BAR GUIDE | 1 |
| 4 | 5117 | 平ネジ / C 5 | SCREW | 2 |
| 5 | 212026 | 圧縮バネ | SPRING | 1 |
| 6 | 212021 | 押工棒(組) | PRESSER BAR COMPLETE | 1 |
| 7 | 212145 | 線細工バネ | SPRING | 1 |
| 8 | 212144 | フェルト | FELT | 1 |
| 9 | 212036 | クランク軸 | SHAFT | 1 |
| 10 | 210148 | ブッシュ | BUSHING | 1 |
| 11 | 204115 | 座金 | WASHER | 1 |
| 12 | 5489 | 六角ネジ / C 5 | SCREW | 1 |
| 13 | 213210 | 上送り台 | TOP FEED BAR | 1 |
| 14 | 213212 | ローラー受け | ROLLAR RETAINER | 1 |
| 15 | 2922 | 平ネジ / C 1 | SCREW | 2 |
| 16 | XXXXXX | 上送り歯 | TOP FEED DOG | 1 |
| 17 | 1175-2 | 平ネジ / C 4 | SCREW | 1 |
| 18 | 213213 | 案内(右) | GUIDE (RIGHT) | 1 |
| 19 | 5002 | 平ネジ / C 5 | SCREW | 1 |
| 20 | 213214 | 案内(左) | GUIDE (LEFT) | 1 |
| 21 | 5053 | 平ネジ / C 4 | SCREW | 1 |
| 22 | 212404B | クランク軸 | SHAFT | 1 |
| 23 | 212015 | ローラー | ROLLAR | 1 |
| 24 | 5597 | 平ネジ / C 1 | SCREW | 1 |
| 25 | 212405 | スペーサー | SPACER | 1 |
| 26 | 212447 | ラッチ | LATCH | 1 |
| 27 | 5568 | 平ネジ / C 5 | SCREW | 1 |
| 28 | 307003 | 座金 | WASHER | 1 |
| 29 | 212445 | クランク | CRANK | 1 |
| 30 | 212446 | クランク案内 | CRANK GUIDE | 1 |
| 31 | 5089 | 平ネジ / C 3 | SCREW | 1 |
| 32 | 213223-91 | 給油パイプ(組) | OIL PIPE COMPLETE | 1 |
| 33 | 5091 | 平ネジ / C 5 | SCREW | 1 |
| 34 | 202176 | 給油紐 | OIL WICK | 1 |
| 35 | 213227 | フェルト | OIL FELT | 1 |
| 36 | 212147 | フェルト押エ | FELT RETAINER | 1 |
| 37 | 2905 | 平ネジ / C 5 | SCREW | 1 |



上送り機構(2)

TOP FEED MECHANISM(2)

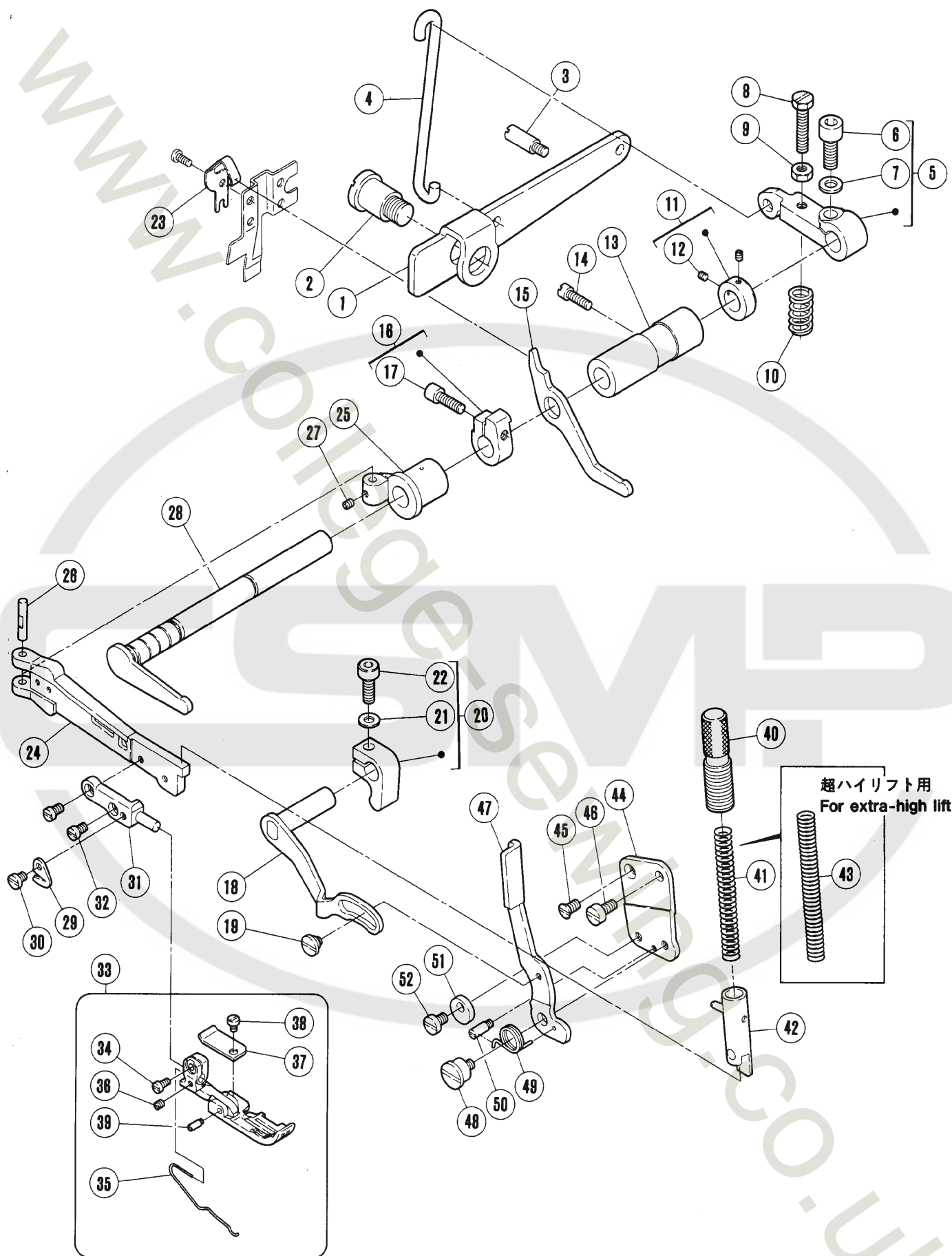
| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|------------------|----------|------------------|-----|
| 1 | 212416A | 調節板 | REGULATING PLATE | 1 |
| 2 | 5117 | 平ネジ／C 5 | SCREW | 2 |
| 3 | 210171 | ストッパー | STOPPER | 2 |
| 4 | 2193 | 六角ネジ／C 5 | SCREW | 2 |
| 5 | 200098 | 座金 | WASHER | 2 |
| 6 | 204870 | ツマミ | THUMB NUT | 1 |
| 7 | 5321A | 段付ネジ | SCREW | 1 |
| 8 | 204888 | 皿バネ | SPRING WASHER | 1 |
| 9 | 212042A | 調節レバー | LEVER | 1 |
| 10 | 212419A | レバー | LEVER | 1 |
| 11 | 5061 | 皿ネジ／C 5 | SCREW | 2 |
| 12 | 204052A | オイルシール | OIL SEAL | 1 |
| 13 | 201022 | Oリング | O RING | 1 |
| 14 | 213208-92 | 調節レバー | LEVER | 1 |
| 15 | 5594 | 平ネジ／C 7 | SCREW | 1 |
| 16 | 307003 | 座金 | WASHER | 1 |
| 17 | 201107 | 角駒 | BLOCK | 1 |
| 18 | 212034 | 座金 | WASHER | 1 |
| 19 | 1186 | 平ネジ／C 3 | SCREW | 1 |
| 20 | 213205-92 | クランク(組) | CRANK ASSEMBLY | 1 |
| 21 | 5594 | 平ネジ／C 7 | SCREW | 1 |
| 22 | 307003 | 座金 | WASHER | 1 |
| 23 | 212035A92 | クランク | CRANK | 1 |
| 24 | 5594 | 平ネジ／C 7 | SCREW | 1 |
| 25 | 307003 | 座金 | WASHER | 1 |
| 26 | 212039 | カラー | COLLAR | 1 |
| 27 | 5292 | 止ネジ／C 3 | SCREW | 2 |
| 28 | 212040 | リンク | LINK | 1 |
| 29 | 210148 | ブッシュ | BUSHING | 1 |
| 30 | 204115 | 座金 | WASHER | 1 |
| 31 | 5489 | 六角ネジ／C 5 | SCREW | 1 |



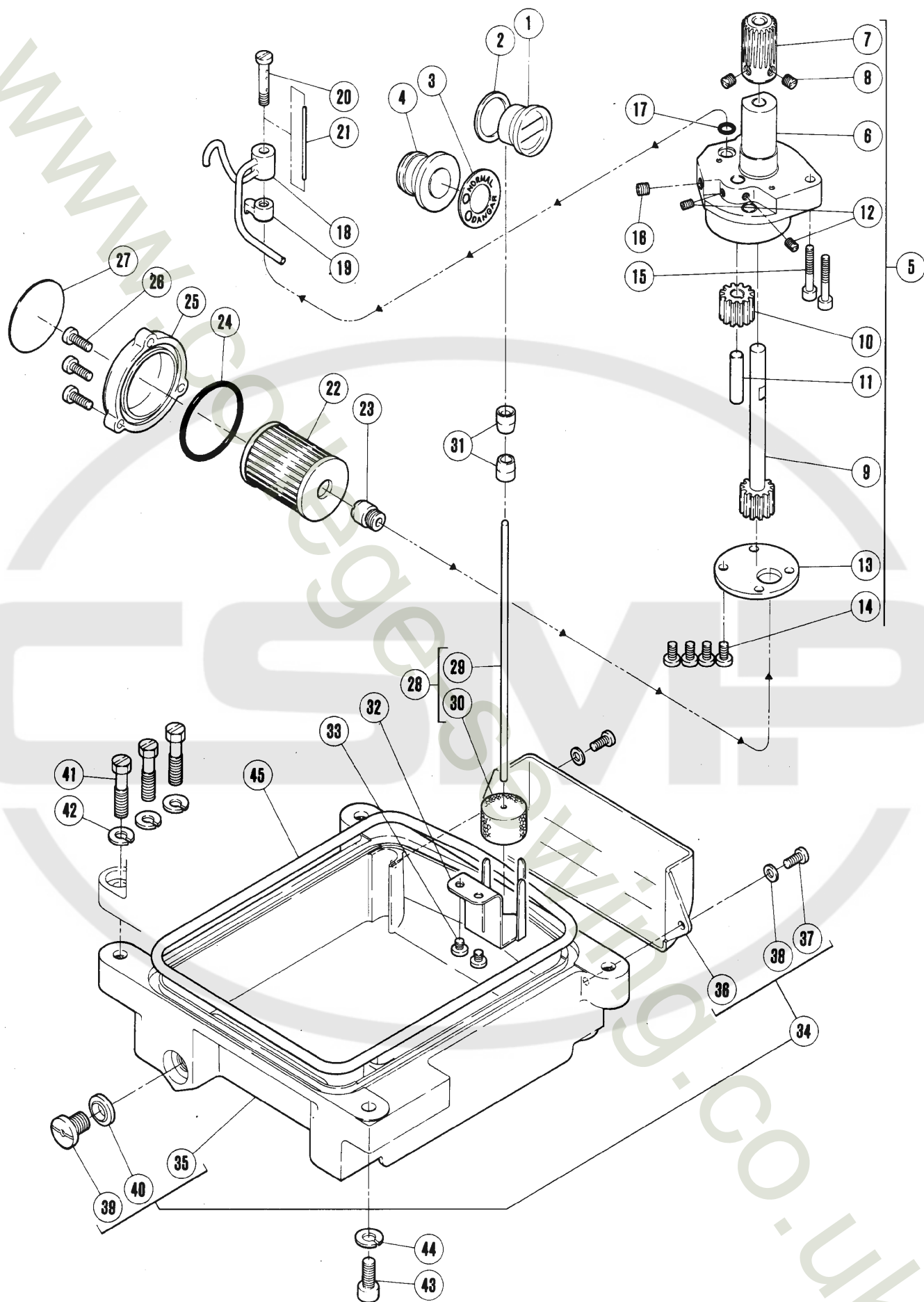
上下メス機構

KNIFE DRIVE MECHANISM

| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|----------|----------|-------------------------|-----|
| 1 | 213222 | 上メス台 | UPPER KNIFE LEVER | 1 |
| 2 | 304086 | ピン付ネジ | SCREW | 1 |
| 3 | 210178A | 上メス抱キ | UPPER KNIFE CLAMP | 1 |
| 4 | 5118 | 平ネジ／C 5 | SCREW | 1 |
| 5 | 208579 | 平行ピン | PIN | 1 |
| 6 | XXXXXX | 上メス | UPPER KNIFE | 1 |
| 7 | 5088 | 六角ネジ／C 4 | SCREW | 1 |
| 8 | 210069 | オイルシール | OIL SEAL | 1 |
| 9 | 206180 | 座金 | WASHER | 1 |
| 10 | 210314 | クランク(組) | CRANK/UPPER KNIFE DRIVE | 1 |
| 11 | 5457 | 平ネジ／C 9 | SCREW | 1 |
| 12 | 210175 | 平行ピン | PIN | 1 |
| 13 | 5481 | 止ネジ／C 5 | SCREW | 1 |
| 14 | 212408 | クランク(右) | CRANK (RIGHT) | 1 |
| 15 | 5594 | 平ネジ／C 7 | SCREW | 1 |
| 16 | 307003 | 座金 | WASHER | 1 |
| 17 | 208235 | 座金 | WASHER | 1 |
| 18 | 212409 | クランクピン | PIN | 1 |
| 19 | 5084 | 六角ネジ／C 5 | SCREW | 1 |
| 20 | 212410 | 角駒 | BLOCK | 2 |
| 21 | 5597 | 平ネジ／C 1 | SCREW | 2 |
| 22 | 213084 | 蓋 | CAP | 1 |
| 23 | 5012 | 平ネジ／C 3 | SCREW | 1 |
| 24 | 213054 | 下メス台 | LOWER KNIFE HOLDER | 1 |
| 25 | 1457 | 止ネジ／C 5 | SCREW | 1 |
| 26 | 202340 | 圧縮バネ | SPRING | 1 |
| 27 | XXXXXX | 下メス | LOWER KNIFE | 1 |
| 28 | 213055 | 下メス押エ | CLAMP/LOWER KNIFE | 1 |
| 29 | 5205 | 平ネジ／C 5 | SCREW | 1 |



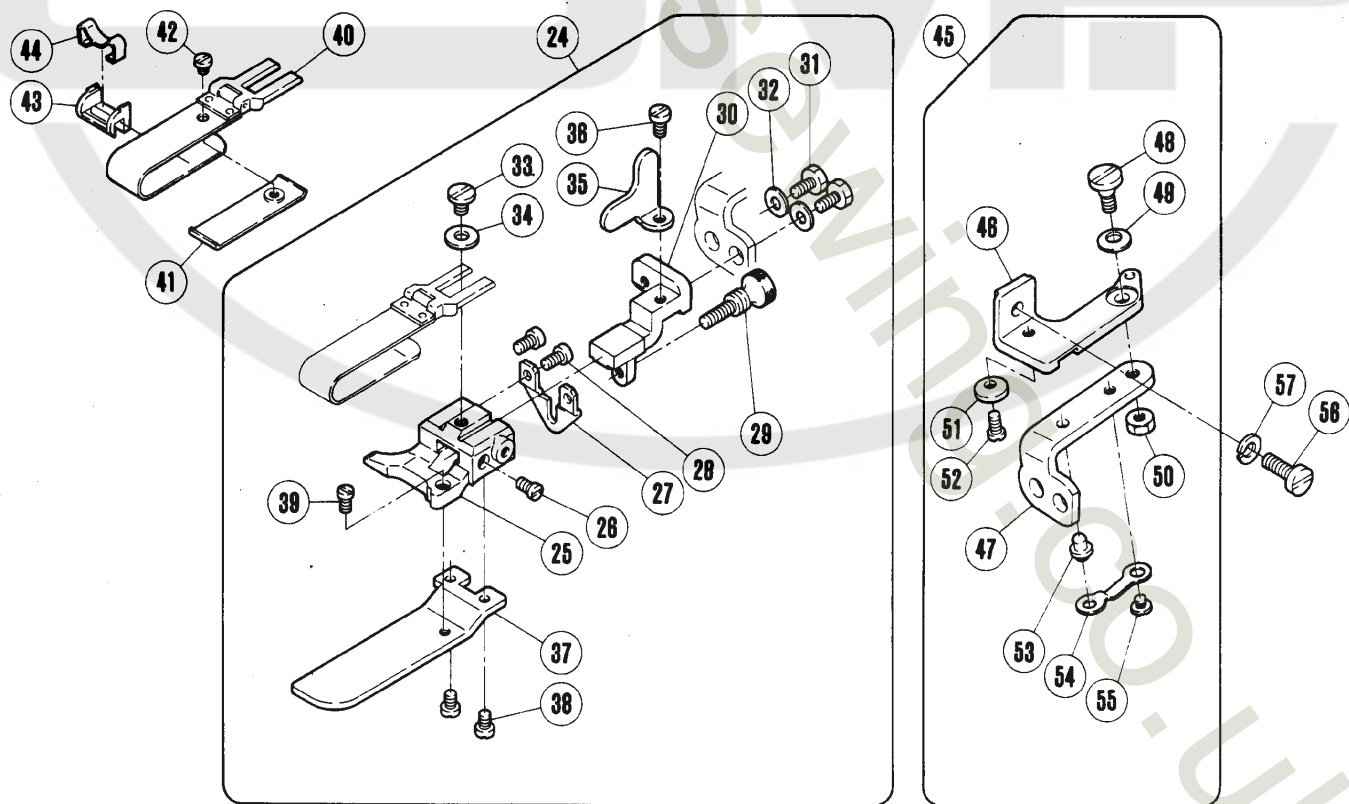
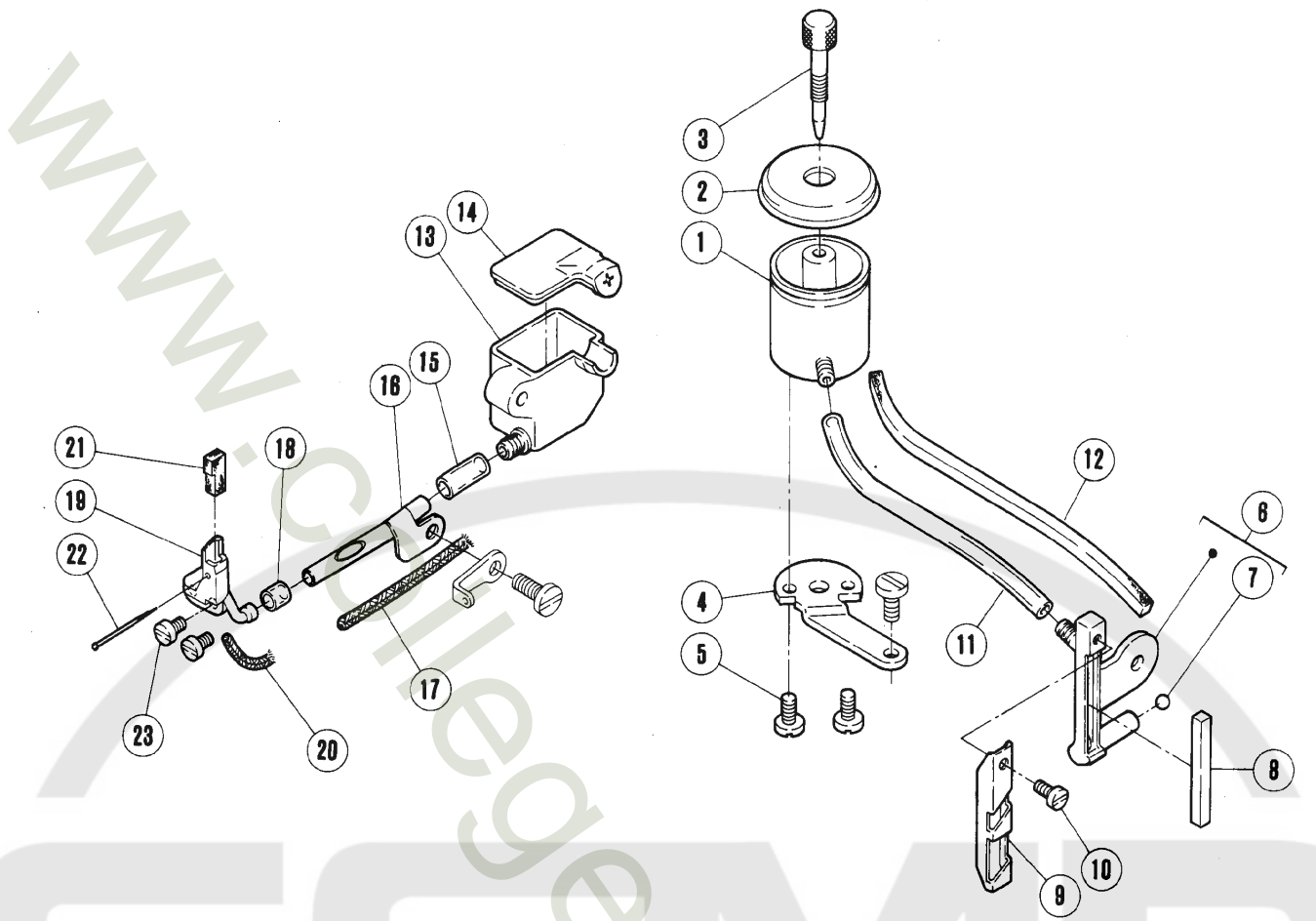
| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|-----------|-----------|-----------------------|-----|
| 1 | 213086 | レバー／足揚げ | FOOT LIFT LEVER | 1 |
| 2 | 7106 | 段付ネジ／M10 | SCREW | 1 |
| 3 | 5481 | ピン付ネジ／C 5 | SCREW | 1 |
| 4 | 210335 | リンク | LINK／FOOT LIFT LEVER | 1 |
| 5 | 212050 | レバー／押工揚げ | LEVER／FOOT LIFT | 1 |
| 6 | 5457 | 平ネジ／C 9 | SCREW | 1 |
| 7 | 207924 | 座金 | WASHER | 1 |
| 8 | 5503 | 六角ネジ／C 5 | SCREW | 1 |
| 9 | 3044 | 六角ナット／C 5 | NUT | 1 |
| 10 | 240172 | 圧縮バネ | SPRING | 1 |
| 11 | 212039 | カラー | COLLAR | 1 |
| 12 | 5292 | 止ネジ／C 3 | SCREW | 2 |
| 13 | 213085A | ブッシュ | BUSHING | 1 |
| 14 | 2133-1 | 平ネジ／C 5 | SCREW | 1 |
| 15 | 213219 | レバー | LEVER | 1 |
| 16 | 213220-92 | カラー | COLLAR | 1 |
| 17 | 5568 | 平ネジ／C 5 | SCREW | 1 |
| 18 | 213215-91 | レバー | LEVER | 1 |
| 19 | 5508 | 段付ネジ／C 4 | SCREW | 1 |
| 20 | 213218-92 | レバー | LEVER | 1 |
| 21 | 307003 | 座金 | WASHER | 1 |
| 22 | 5594 | 平ネジ／C 7 | SCREW | 1 |
| 23 | 213221 | 板バネ | SPRING | 1 |
| 24 | 211823 | 押工台 | PRESSER ARM | 1 |
| 25 | 212049 | ヒンジ | PRESSER ARM HINGE | 1 |
| 26 | 210323 | 平行ピン | PIN | 1 |
| 27 | 5292 | 止ネジ／C 3 | SCREW | 1 |
| 28 | 210326 | 軸／押工台 | SHAFT／FOOT LIFT | 1 |
| 29 | 202451 | チェーンカッター | CHAINCUTTER | 1 |
| 30 | 2921 | 平ネジ／C 3 | SCREW | 1 |
| 31 | 212420 | 押工ブラケット | BRACKET／PRESSER FOOT | 1 |
| 32 | 5089 | 平ネジ／C 3 | SCREW | 2 |
| 33 | XXXXXX | 押工(組) | PRESSER FOOT ASSEMBLY | 1 |
| 34 | 5328 | 平ネジ／C 4 | SCREW | 1 |
| 35 | 212719A | 線細工バネ | SPRING | 1 |
| 36 | 1459 | 止ネジ／C 4 | SCREW | 1 |
| 37 | 212668 | 補助板 | UNCURLER | 1 |
| 38 | 5030 | 平ネジ／C 1 | SCREW | 1 |
| 39 | 212059 | ピン付ネジ | SCREW | 1 |
| 40 | 208774A | 調節ネジ | ADJUST SCREW | 1 |
| 41 | 210337 | 圧縮バネ | SPRING | 1 |
| 42 | 208537A91 | 押工棒 | PRESSER ARM GUIDE | 1 |
| 43 | 211941 | 圧縮バネ | SPRING | 1 |
| 44 | 213087 | ブラケット | BRACKET | 1 |
| 45 | 5107 | 皿ネジ／C 5 | SCREW | 1 |
| 46 | 5205 | 平ネジ／C 5 | SCREW | 1 |
| 47 | 213088 | レバー／手揚げ | HAND LIFT LEVER | 1 |
| 48 | 5636 | 段付ネジ／C 5 | SCREW | 1 |
| 49 | 213089 | ネジリバネ | SPRING | 1 |
| 50 | 5545 | 平ネジ／C 3 | SCREW | 1 |
| 51 | 256038 | ストッパー | STOPPER | 1 |
| 52 | 5113 | 平ネジ／C 5 | SCREW | 1 |



給油機構

LUBRICATING MECHANISM

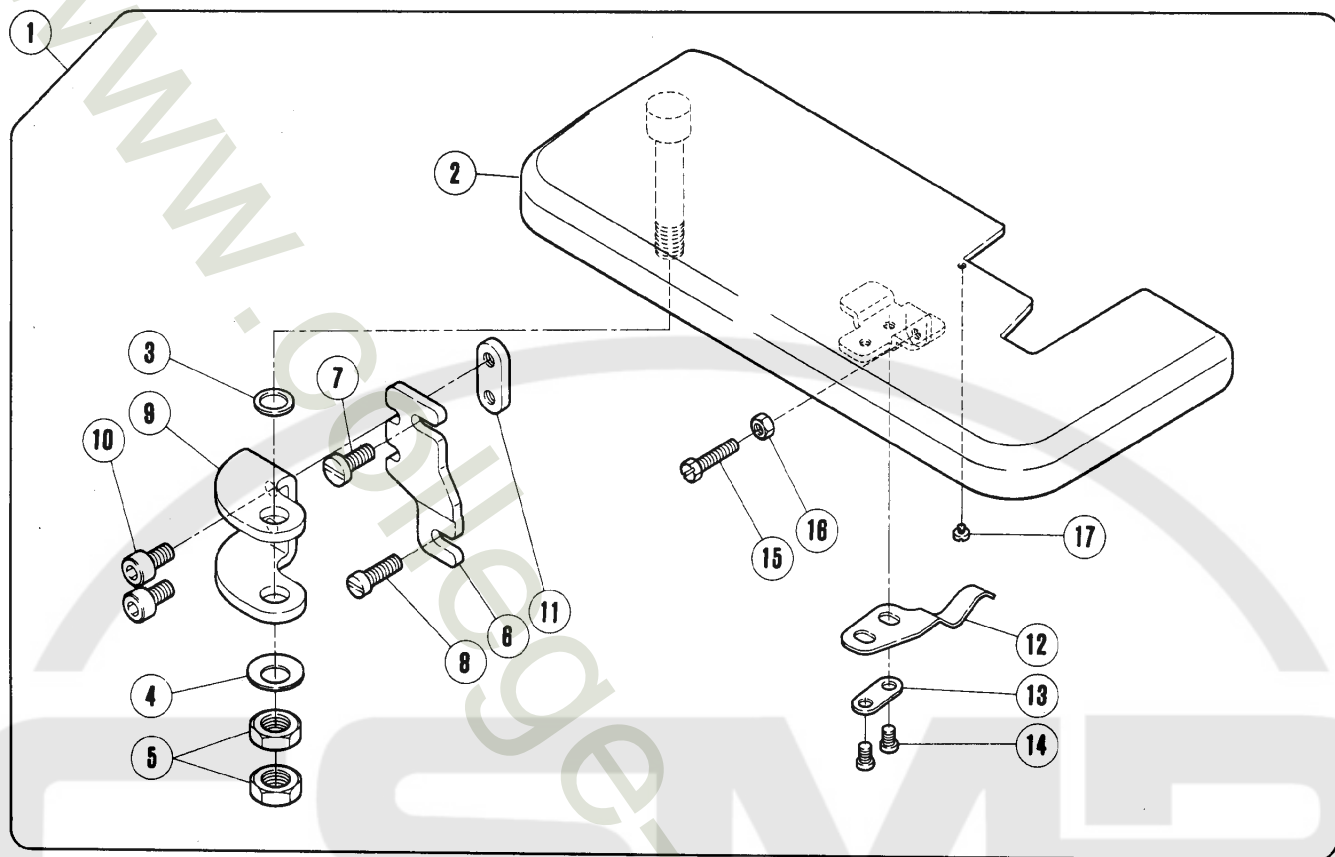
| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|-----------|-------------|------------------------|-----|
| 1 | 210190 | オイルゲージ | OIL LEVEL GAUGE | 1 |
| 2 | 211369 | 座金 | WASHER | 1 |
| 3 | 210199 | 銘板／給油標示 | NAME PLATE／OIL MONITOR | 1 |
| 4 | 210198 | 給油標示(組) | OIL MONITOR COMPLETE | 1 |
| 5 | 211532 | ポンプ(組) | GEAR PUMP COMPLETE | 1 |
| 6 | 210188 | ポンプ本体 | GEAR PUMP | 1 |
| 7 | 211531 | ウオームホイール | WORM WHEEL | 1 |
| 8 | 5060 | 止ネジ／C 8 | SCREW | 2 |
| 9 | 208687 | ポンプギヤ(A) | GEAR | 1 |
| 10 | 201295 | ギヤ(B) | GEAR | 1 |
| 11 | 204184 | 軸／ギヤ(B) | PUMP GEAR SHAFT | 1 |
| 12 | 1458 | 止ネジ／C 5 | SCREW | 2 |
| 13 | 201293A | 側板 | PLATE | 1 |
| 14 | 5117 | 平ネジ／C 5 | SCREW | 4 |
| 15 | 5095 | 平ネジ／C 5 | SCREW | 2 |
| 16 | 5385 | 止ネジ／C 10 | SCREW | 1 |
| 17 | 204185 | Oリング | O RING | 1 |
| 18 | 212188 | 噴油管 | OIL DISTRIBUTOR | 1 |
| 19 | 210202 | 給油ブロック | LUBRICATION BLOCK | 1 |
| 20 | 210204 | 継手ネジ | SCREW | 1 |
| 21 | 210205 | 平行ピン／油量調節 | OIL FLOW ADJUST PIN | 1 |
| 22 | 206233 | エレメント | OIL FILTER | 1 |
| 23 | 210200 | ブラケット／フィルター | BRACKET／OIL FILTER | 1 |
| 24 | 206431 | Oリング | O RING | 1 |
| 25 | 210201-FD | フィルター蓋 | OIL FILTER CAP | 1 |
| 26 | 5118 | 平ネジ／C 5 | SCREW | 3 |
| 27 | 9A3002 | フィルターシール | FILTER SEAL | 1 |
| 28 | 210193 | フロート(組) | INDICATOR COMPLETE | 1 |
| 29 | 210192 | オイル指示 | INDICATOR | 1 |
| 30 | 179257-05 | フロート | FLOAT | 1 |
| 31 | 210194 | ブッシュ | INDICATOR GUIDE | 1 |
| 32 | 210510 | 受皿 | INDICATOR SUPPORT | 1 |
| 33 | 2905 | 平ネジ／C 5 | SCREW | 2 |
| 34 | 213056-91 | オイルパン(組) | OIL RESERVOIR COMPLETE | 1 |
| 35 | 213057 | オイルパン | OIL RESERVOIR | 1 |
| 36 | 213058 | 風案内 | AIR GUIDE | 1 |
| 37 | 5441 | 平ネジ／C 5 | SCREW | 2 |
| 38 | 202286 | バネ座金 | WASHER | 2 |
| 39 | 5138B | 平ネジ／H 11 | SCREW | 1 |
| 40 | 202287A | ガスケット | WASHER | 1 |
| 41 | 5133 | 六角ネジ／W 1 | BOLT | 3 |
| 42 | 202046 | バネ座金 | WASHER | 3 |
| 43 | 5457 | 平ネジ／C 9 | SCREW | 1 |
| 44 | 202046 | バネ座金 | WASHER | 1 |
| 45 | 213059 | ガスケット | GASKET | 1 |



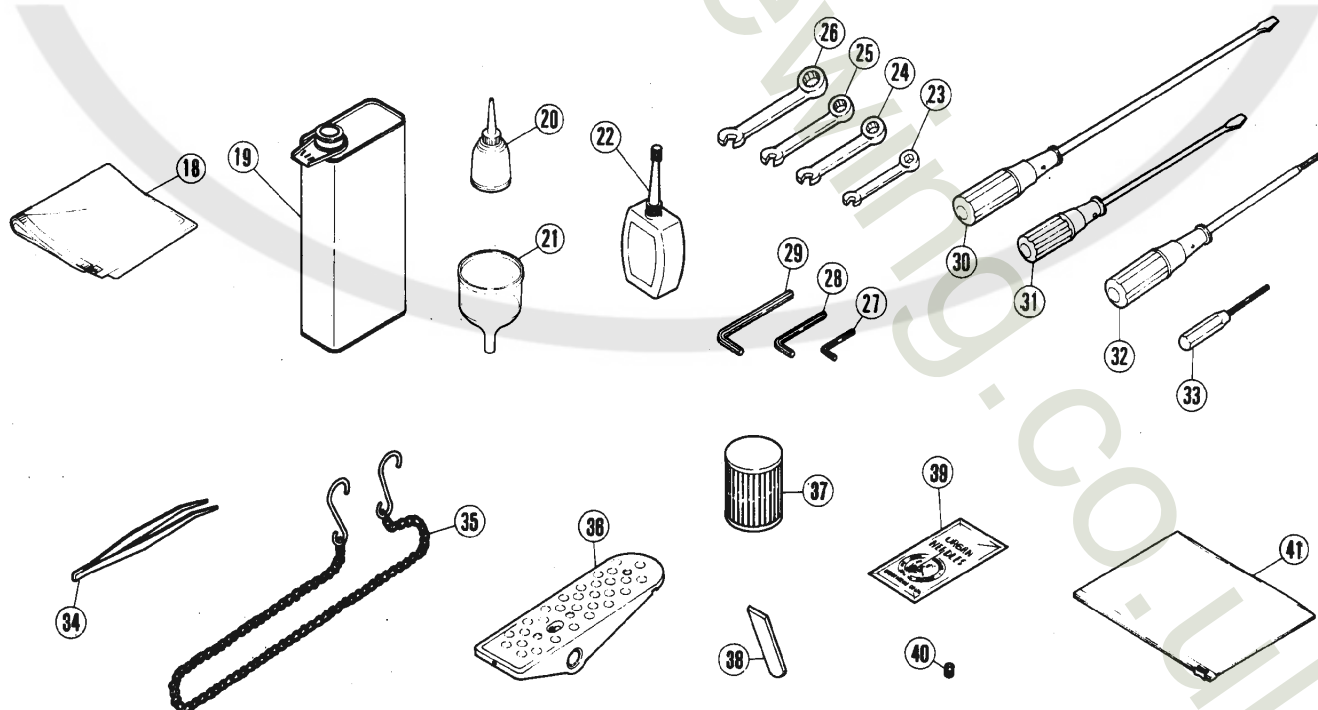
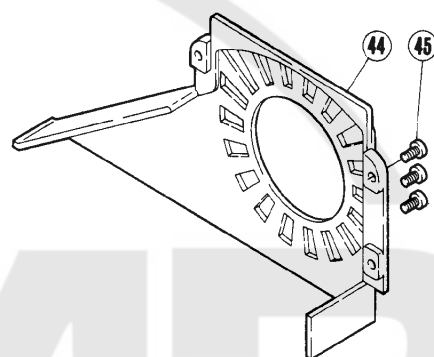
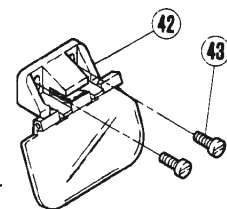
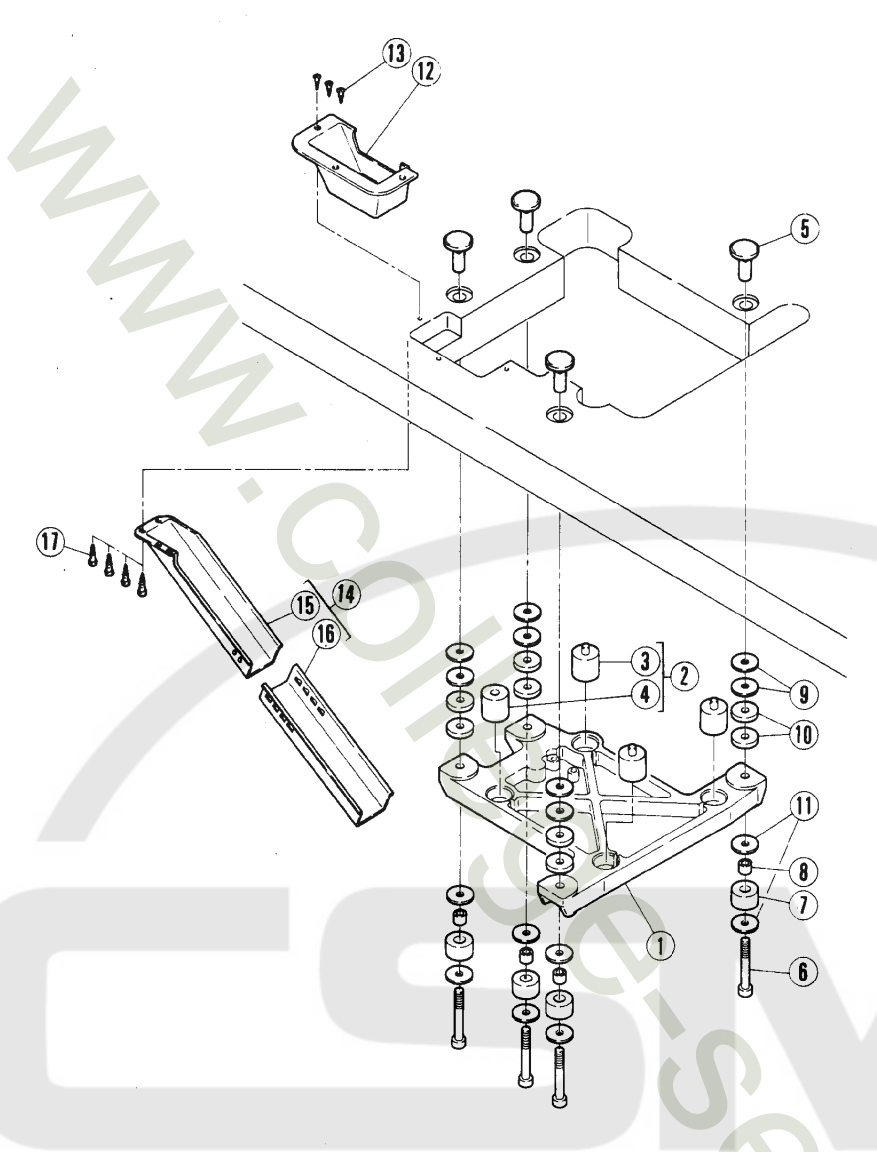
H.R.装置 据引き

H.R. DEVICE BLINDHEMMING

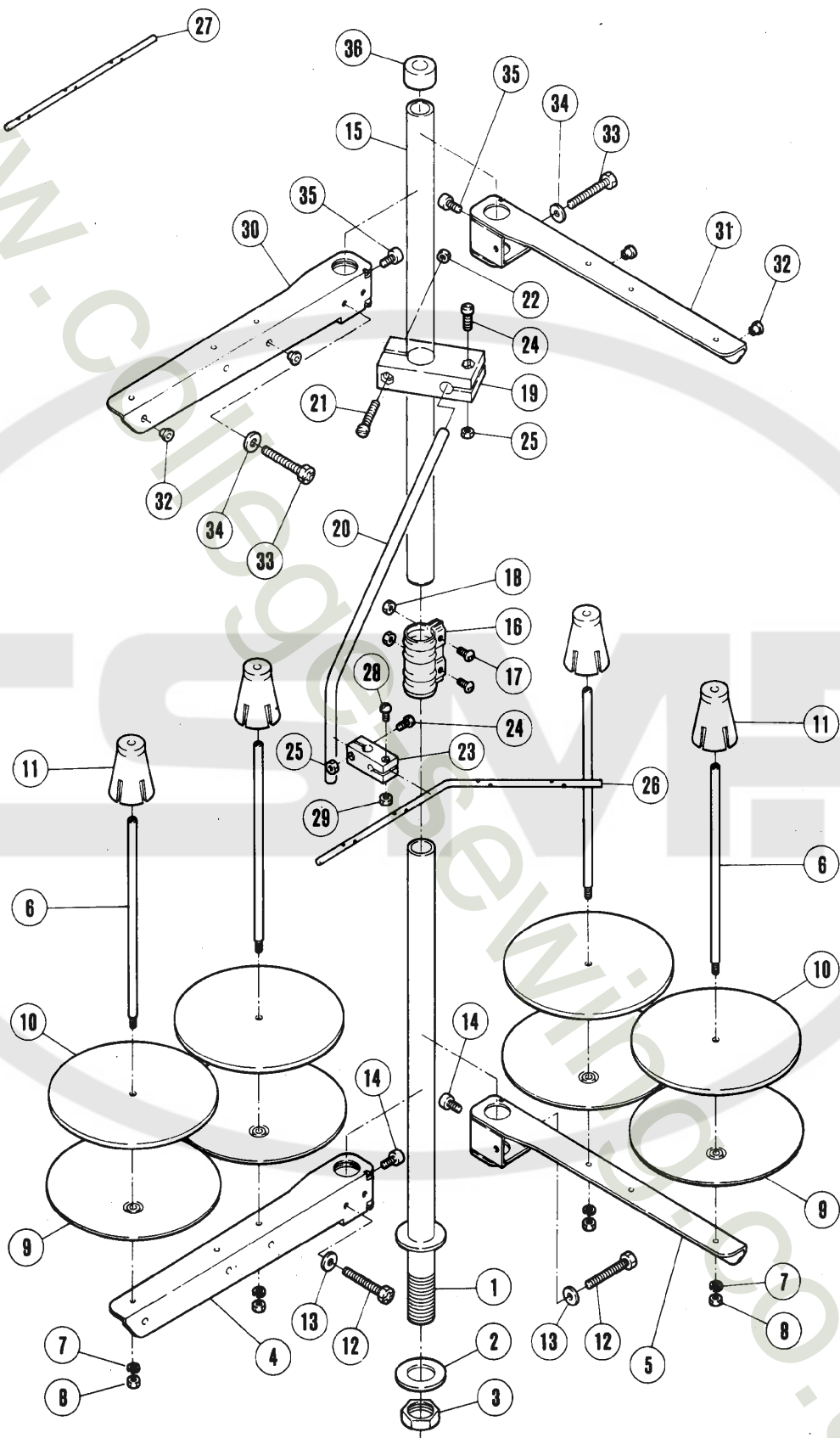
| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|-----------|------------|------------------------------|-----|
| 1 | 202476-1 | シリコンタンク(上) | SILICONE OIL RESERVOIR | 1 |
| 2 | 202476-4 | 蓋 | CAP | 1 |
| 3 | 202476-3 | 油量調節棒 | SILICONE OIL REGULATOR | 1 |
| 4 | 211317 | ブラケット | BRACKET | 1 |
| 5 | 1202 | 平ネジ/C 4 | SCREW | 2 |
| 6 | 212635-ME | 針冷却器(組) | NEEDLE COOLER ASSEMBLY | 1 |
| 7 | 240097 | 栓 | PLUG | 1 |
| 8 | 211318 | フェルト | OIL FELT | 1 |
| 9 | 211316 | 糸案内 | THREAD GUIDE | 1 |
| 10 | 1202 | 平ネジ/C 4 | SCREW | 1 |
| 11 | 211319 | チューブ | OIL TUBE | 1 |
| 12 | 204270 | フェルト | OIL FELT | 1 |
| 13 | 213081 | シリコンタンク(下) | SILICONE RESERVOIR | 1 |
| 14 | 213082 | 蓋 | CAP | 1 |
| 15 | 240176 | チューブ | OIL TUBE | 1 |
| 16 | 213091-91 | パイプ(組) | PIPE ASSEMBLY | 1 |
| 17 | 202176 | 給油紐 | OIL WICK | 1 |
| 18 | 240192 | チューブ | OIL TUBE | 1 |
| 19 | 213078-91 | 針冷却器(組) | NEEDLE COOLER COMPLETE | 1 |
| 20 | 202174 | 給油紐 | OIL WICK | 1 |
| 21 | 213090 | フェルト | OIL FELT | 1 |
| 22 | 210766 | 止ピン | PIN | 1 |
| 23 | 1216 | 平ネジ/C 4 | SCREW | 2 |
| 24 | 210691A91 | 裾引定規台(組) | CLOTH GUIDE COMPLETE | 1 |
| 25 | 205361A | 定規台 | CLOTH GUIDE | 1 |
| 26 | 5057 | 平ネジ/C 3 | SCREW | 1 |
| 27 | 210689 | 調節板 | ADJUSTING PLATE | 1 |
| 28 | 5157 | 平ネジ/C 3 | SCREW | 2 |
| 29 | 2430 | 調節ネジ/C 3 | SCREW | 1 |
| 30 | 210690 | ブラケット | BRACKET/CLOTH GUIDE | 1 |
| 31 | 5088 | 六角ネジ/C 4 | SCREW | 2 |
| 32 | 167066 | 座金 | WASHER | 2 |
| 33 | 2905 | 平ネジ/C 5 | SCREW | 1 |
| 34 | 137142 | 座金 | WASHER | 1 |
| 35 | 210692 | ストッパー | STOPPER | 1 |
| 36 | 1206 | 平ネジ/C 4 | SCREW | 1 |
| 37 | 213095 | 補助板 | AUX. PLATE | 1 |
| 38 | 1229 | 平ネジ/C 3 | SCREW | 2 |
| 39 | 5057 | 平ネジ/C 3 | SCREW | 1 |
| 40 | 201211B | 定規羽根(40MM) | FOLDER 40MM | 1 |
| 41 | 205835 | 補助羽根 | AUXILIARY PLATE | 1 |
| 42 | 5299 | 平ネジ/C 3 | SCREW | 1 |
| 43 | 303312A | 羽根駒 | REGULATOR | 1 |
| 44 | 303313 | 板バネ | REGULATOR CLAMP | 1 |
| 45 | 210685 | 定規ブラケット(組) | CLOTH GUIDE BRACKET ASSEMBLY | 1 |
| 46 | 210680 | 定規ブラケット | CLOTH GUIDE BRACKET | 1 |
| 47 | 210681 | 定規ブラケットヒンジ | HINGE | 1 |
| 48 | 5184 | 段付ネジ/C 5 | SCREW | 1 |
| 49 | 201191 | 皿バネ | WASHER | 1 |
| 50 | 3044 | 六角ナット/C 5 | NUT | 1 |
| 51 | 210682 | ストッパー/ヒンジ | STOPPER | 1 |
| 52 | 5053 | 平ネジ/C 4 | SCREW | 1 |
| 53 | 210683 | 段付ピン | HINGE PIN | 1 |
| 54 | 210684 | 板バネ | HINGE SPRING | 1 |
| 55 | 2906 | 平ネジ/C 4 | SCREW | 1 |
| 56 | 5118 | 平ネジ/C 5 | SCREW | 1 |
| 57 | 202286 | バネ座金 | WASHER | 1 |



| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|------------------|------------|----------------------|-----|
| 1 | 213265-91 | クロスプレート(組) | CLOTH PLATE COMPLETE | 1 |
| 2 | 213266-91 | クロスプレート | CLOTH PLATE | 1 |
| 3 | 207045 | 座金 | WASHER | 1 |
| 4 | 204888 | 皿バネ | SPRING WASHER | 1 |
| 5 | 3154 | 六角ナット／C 12 | NUT | 1 |
| 6 | 213270 | ブラケット／横カバー | BRACKET／SIDE COVER | 1 |
| 7 | 5118 | 平ネジ／C 5 | SCREW | 1 |
| 8 | 5187 | 平ネジ／C 5 | SCREW | 1 |
| 9 | 213271 | ブラケット | BRACKET | 1 |
| 10 | 5579 | 平ネジ／C 7 | SCREW | 2 |
| 11 | 213272 | 止メ板 | BRACKET | 1 |
| 12 | 204218 | 板バネ | FLAT SPRING | 1 |
| 13 | 200162A | 座金 | WASHER | 1 |
| 14 | 5053 | 平ネジ／C 4 | SCREW | 2 |
| 15 | 5121A | 六角ネジ／C 4 | SCREW | 1 |
| 16 | 3091 | 六角ナット／C 4 | NUT | 1 |
| 17 | 5428 | 平ネジ／C 1 | SCREW | 1 |

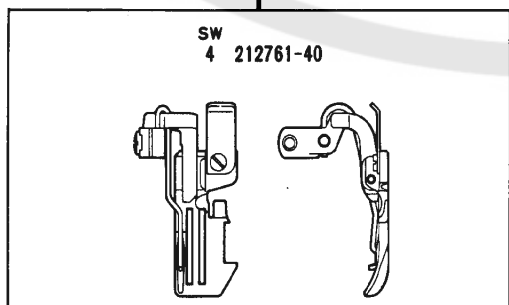
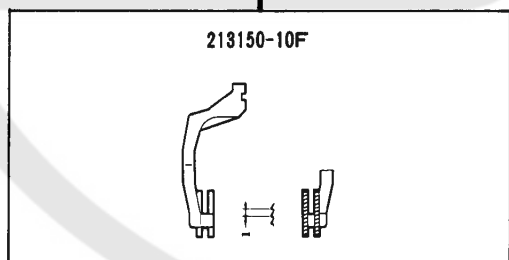
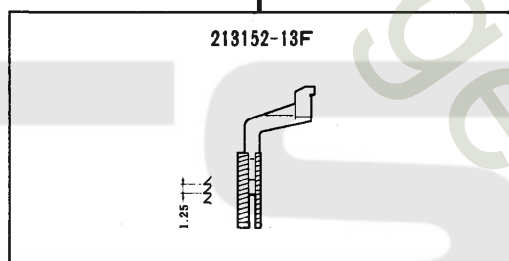
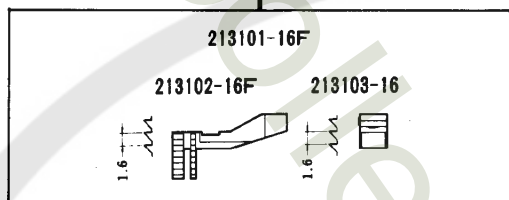
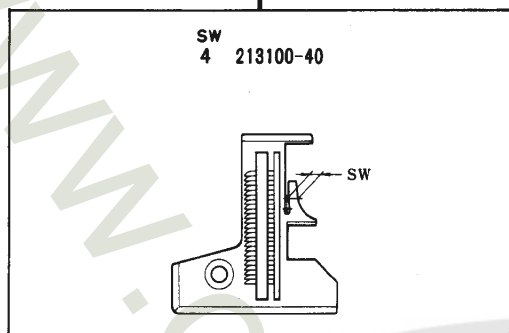


| REF. NO. | PART NO. | 名 称 | NAME | QT. |
|-------------|------------------|----------------|----------------------|-----|
| 1 | 213083 | マシン据付板 | MACHINE REST BOARD | 1 |
| 2 | 9029 | 防振ゴム(セット) | CUSHION RUBBER SET | 1 |
| 3 | 205473 | 防振ゴム | CUSHION RUBBER | 3 |
| 4 | 210523 | 防振ゴム | CUSHION RUBBER | 1 |
| 5 | 206336 | ナット | NUT | 4 |
| 6 | 4513 | ボルト/M 8 | HANGER BOLT | 4 |
| 7 | 205764 | 防振ゴム | CUSHION RUBBER | 4 |
| 8 | 205765 | ライナー | LINER | 4 |
| 9 | 206337 | 座金 | WASHER | 8 |
| 10 | 205467 | スペーサー | SPACER | 12 |
| 11 | 206337 | 座金 | WASHER | 8 |
| 12 | 205470AJA | 切屑受 | WASTE CHUTE TOP | 1 |
| 13 | 4904 | 皿ネジ | SCREW | 3 |
| 14 | 9106 | 切屑受(セット) | WASTE CHUTE SET | 1 |
| 15 | 205468-JA | 切屑受(A) | UPPER CHUTE | 1 |
| 16 | 205469-JA | 切屑受(B) | LOWER CHUTE | 1 |
| 17 | 4905 | 平ネジ | SCREW | 4 |
| 18 | 908 | ナイロンカバー | COVER | 1 |
| 19 | 453 | 油缶/1000 C C | OIL CONTAINER/1000CC | 1 |
| 20 | 485 | 油差シ | OILER | 1 |
| 21 | 484 | ジョウゴ | OIL FUNNEL | 1 |
| 22 | 178 | シリコンオイル/50 C C | CONTAINER - SILICONE | 1 |
| 23 | 391 | スパナ/5 M M | WRENCH/5MM | 1 |
| 24 | 283 | スパナ/6 M M | WRENCH 6MM | 1 |
| 25 | 284 | スパナ/7 M M | WRENCH 7MM | 1 |
| 26 | 285 | スパナ/8 M M | WRENCH/8MM | 1 |
| 27 | 322 | キーレンチ/2.38 M M | ALLEN KEY/2.38MM | 1 |
| 28 | 200 | キーレンチ/4.76 M M | ALLEN KEY/4.76MM | 1 |
| 29 | 272 | キーレンチ/6.0 M M | ALLEN KEY/6MM | 1 |
| 30 | 127 | ドライバー(大) | SCREWDRIVER (LARGE) | 1 |
| 31 | 128 | ドライバー(中) | SCREWDRIVER (MEDIUM) | 1 |
| 32 | 414 | キーレンチドライバー | ALLEN WRENCH/3.17MM | 1 |
| 33 | 179 | キーレンチドライバー | DRIVER | 1 |
| 34 | 131 | ピンセット | TWEEZERS | 1 |
| 35 | 392 | 鎖 | CHAIN | 1 |
| 36 | 478 | ペダル | PEDAL | 1 |
| 37 | 206233 | エレメント | OIL FILTER | 1 |
| 38 | XXXXXX | 下メス | LOWER KNIFE | 2 |
| 39 | XXXXXX | 針 | NEEDLE | 1 |
| 40 | 5292 | 止ネジ/C 3 | SCREW | 2 |
| 41 | 482 | アクセサリーバッグ | ACCESSORY BAG | 1 |
| 42 | 208747 | 安全カバー(組) | EYE GUARD COMPLETE | 1 |
| 43 | 1175-3 | 平ネジ/C 4 | SCREW | 2 |
| 44 | 210028-FD | ベルトカバー | BELT COVER | 1 |
| 45 | 5117 | 平ネジ/C 5 | SCREW | 3 |

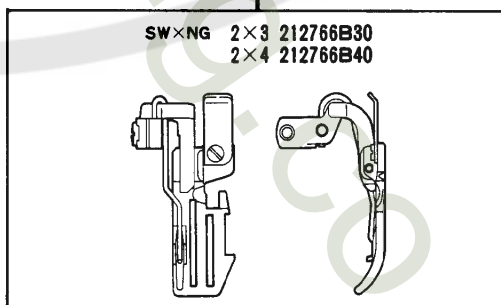
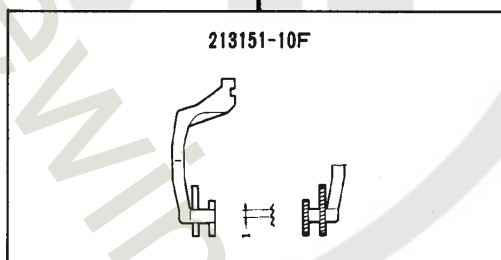
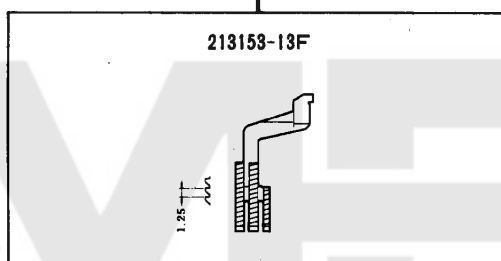
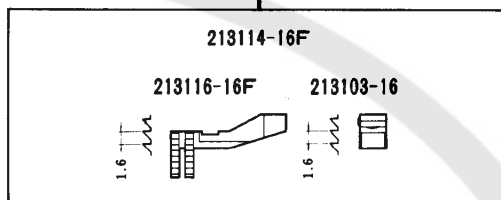
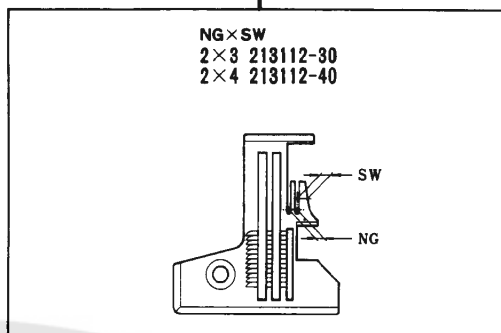


| REF. NO. | PART NO. | 名 称 | NAME | 3-spools 3本立 | 4-spools 4本立 |
|-------------|---------------|------------|-----------------------|-----------------|-----------------|
| | 486C9C | 糸立(組)(3本立) | THREAD STAND ASSEMBLY | 1 | |
| | 486B9C | 糸立(組)(4本立) | THREAD STAND ASSEMBLY | | 1 |
| 1 | 503-CA | スタンド棒(下) | THEAD STAND ROD | 1 | 1 |
| 2 | 509 | 座金 | WASHER | 1 | 1 |
| 3 | 5476 | 六角ナット | NUT | 1 | 1 |
| 4 | 505-CA | ブラケット(3本立) | BRACKET | 1 | |
| 5 | 505ACA | ブラケット(2本立) | BRACKET | | 2 |
| 6 | 380A | 糸立棒 | SPOOL PIN | 3 | 4 |
| 7 | 201252 | バネ座金 | WASHER | 3 | 4 |
| 8 | 4803 | 六角ナット/M 4 | NUT | 3 | 4 |
| 9 | 381-CA | 受皿 | SPOOL TRAY | 3 | 4 |
| 10 | 507 | ウレタン | CUSHION | 3 | 4 |
| 11 | 382-CA | ユレ止め | SPPOOL RETAINING FIN | 3 | 4 |
| 12 | 7102 | 六角ネジ/M 6 | SCREW | 1 | 2 |
| 13 | 512 | 座金 | WASHER | 1 | 2 |
| 14 | 4022 | 平ネジ/M 6 | SCREW | 1 | 2 |
| 15 | 502-CA | スタンド棒(上) | THREAD STAND ROD | 1 | 1 |
| 16 | 504-CA | ジョイント | JOINT | 1 | 1 |
| 17 | 4021 | 平ネジ/M 5 | SCREW | 2 | 2 |
| 18 | 4805 | 六角ナット/M 5 | NUT | 2 | 2 |
| 19 | 383-CA | ブラケット | BRACKET | 1 | 1 |
| 20 | 384 | 糸道棒腕 | THREAD GUIDE BAR ROD | 1 | 1 |
| 21 | 4014 | 平ネジ/M 4 | SCREW | 1 | 1 |
| 22 | 4803 | 六角ナット/M 4 | NUT | 1 | 1 |
| 23 | 233-CA | ホルダー | HOLDER | 1 | 1 |
| 24 | 4012 | 平ネジ/M 4 | SCREW | 2 | 2 |
| 25 | 4803 | 六角ナット/M 4 | NUT | 2 | 2 |
| 26 | 293C | 糸道棒 | THREAD GUIDE BAR | 1 | |
| 27 | 293B | 糸道棒 | THREAD GUIDE BAR | | 1 |
| 28 | 4012 | 平ネジ/M 4 | SCREW | 1 | 1 |
| 29 | 4803 | 六角ナット/M 4 | NUT | 1 | 1 |
| 30 | 505-CA | ブラケット(3本立) | BRACKET | 1 | |
| 31 | 505ACA | ブラケット(2本立) | BRACKET | | 2 |
| 32 | 506 | 糸目穴 | THREAD EYELET | 3 | 4 |
| 33 | 7102 | 六角ネジ/M 6 | SCREW | 1 | 2 |
| 34 | 512 | 座金 | WASHER | 1 | 2 |
| 35 | 4022 | 平ネジ/M 6 | SCREW | 1 | 2 |
| 36 | 386 | キャップ | ROD CAP | 1 | 1 |

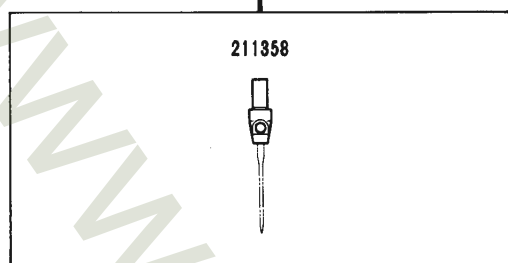
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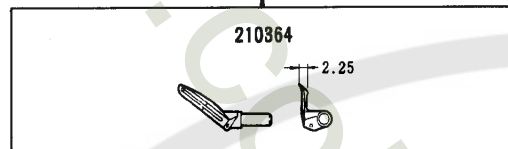
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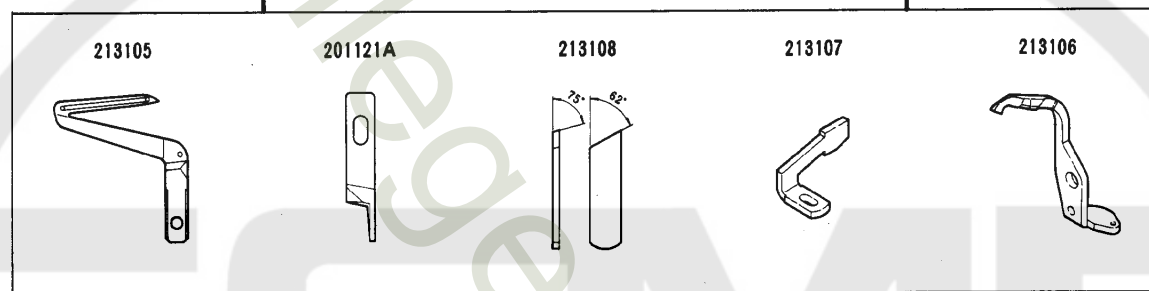


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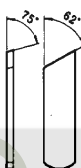
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213107

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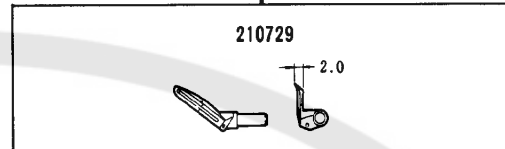
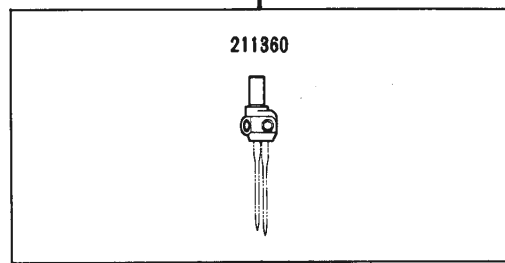


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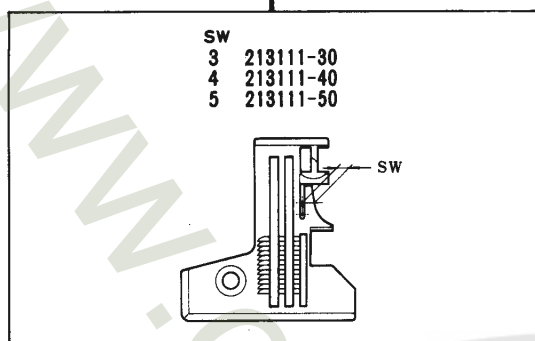
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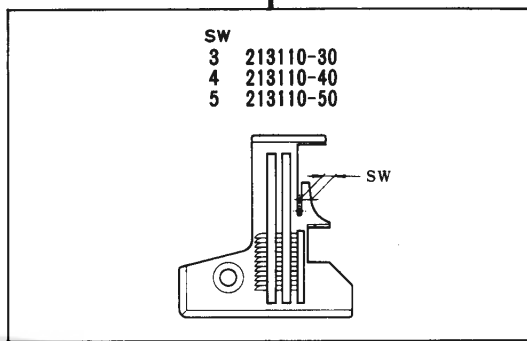
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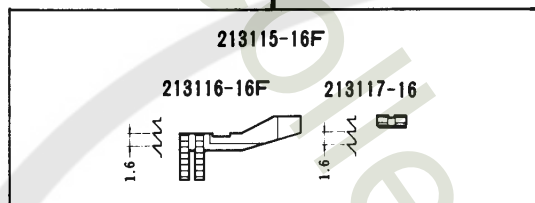
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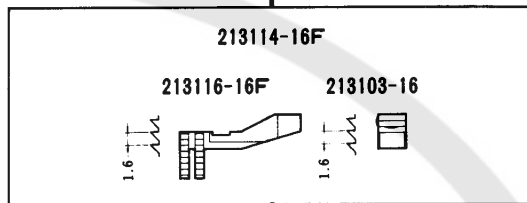
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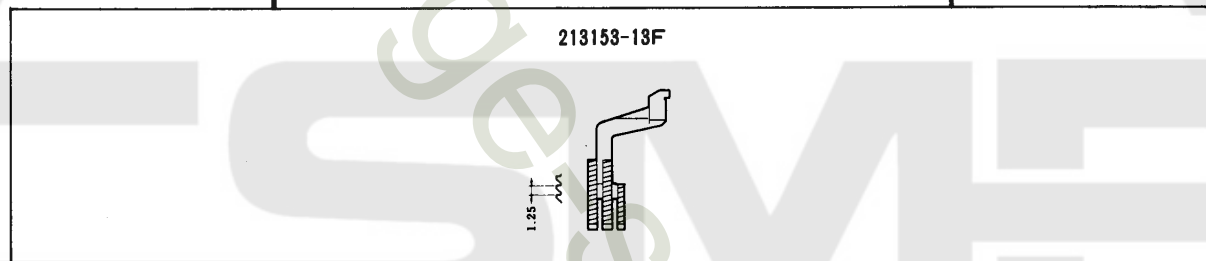
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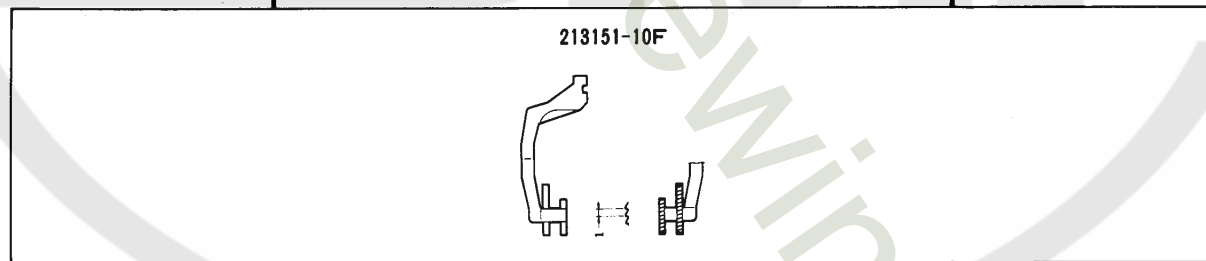
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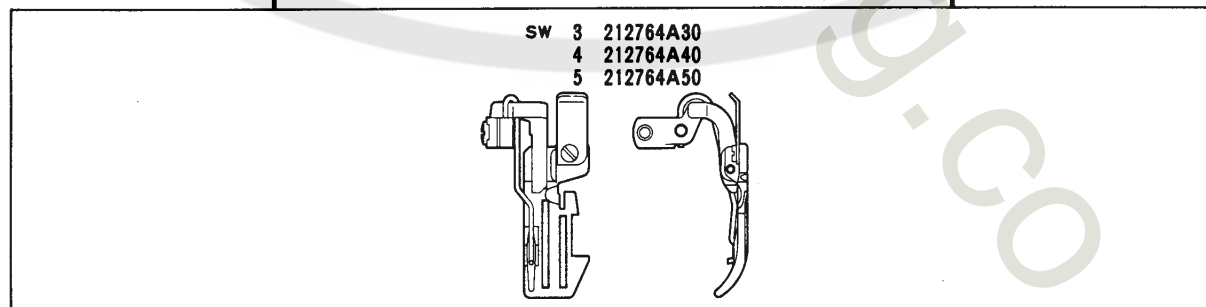
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5 212764A50



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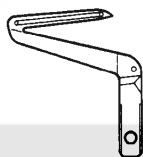
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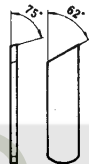
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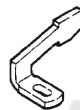
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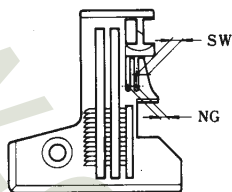
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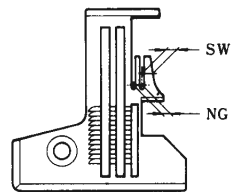
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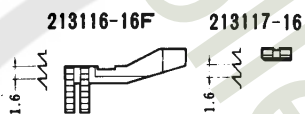
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2×4 213113-40
2×5 213113-50



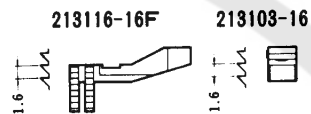
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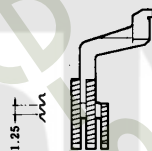
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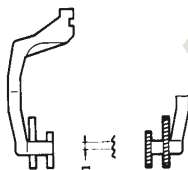
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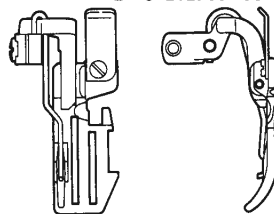
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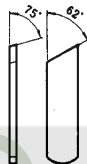
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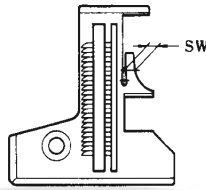


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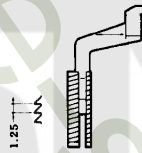


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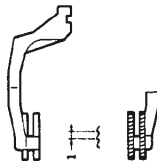
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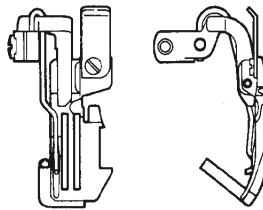
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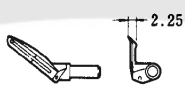


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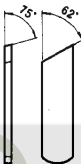
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201121A



213108



213107



213106



ETS51ゲージパーツ表

ETS51 GAUGE PARTS LIST

| MACHINE TYPE /SPEC. | GAUGE | | NEEDLE PLATE | MAIN FEED DOG ASS. | DIFF. FEED DOG | TOP FEED DOG | PRESSER FOOT | NEEDLE HOLDER | UPPER LOOPER | LOWER LOOPER | UPPER KNIFE | LOWER KNIFE | NEEDLE GUARD | | NEEDLE |
|--------------------------|-------|----|-----------------|-----------------------|-------------------|--------------|-----------------|------------------|-----------------|-----------------|----------------|----------------|--------------|--------|------------|
| | NG | SW | | | | | | | | | | | (FRONT) | (REAR) | |
| ETS51-141FA3 /504-433 | 3 | 3 | 213111-30 | 213115-16F | 213153-13F | 213151-10F | 212764A30 | 211358 | 211719 | 213105 | 201121A | 213108 | 213107 | 213106 | 629 #11 |
| ETS51-141FA3 /504-463 | 3 | 3 | 213110-30 | 213114-16F | 213153-13F | 213151-10F | 212764A30 | 211358 | 211719 | 213105 | 201121A | 213108 | 213107 | 213106 | 629 #11 |
| ETS51-210FE3 /505-223 | 4 | 4 | 213100-40 | 213101-16F | 213152-13F | 213150-10F | 212761-40 | 211358 | 210364 | 213105 | 201121A | 213108 | 213107 | 213106 | 642 #9 |
| ETS51-133FA3 /514-243 | 2 | 2 | 213112-30 | 213114-16F | 213153-13F | 213151-10F | 212764B30 | 211360 | 210729 | 213105 | 201121A | 213108 | 213107 | 213106 | 642 #9 |
| ETS51-142FA3 /514-433 | 2 | 2 | 213113-30 | 213115-16F | 213153-13F | 213151-10F | 212764B30 | 211360 | 211719 | 213105 | 201121A | 213108 | 213107 | 213106 | 629 #11 |
| ETS51-142FA3 /514-463 | 2 | 2 | 213112-30 | 213114-16F | 213153-13F | 213151-10F | 212764B30 | 211360 | 211719 | 213105 | 201121A | 213108 | 213107 | 213106 | 629 #11 |





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| PART NO. | PAGE | NO. REF. | PART NO. | PAGE | NO. REF. | PART NO. | PAGE | NO. REF. | PART NO. | PAGE | NO. REF. | PART NO. | PAGE | NO. REF. | PART NO. | PAGE | NO. REF. |
|----------|------|----------|----------|------|----------|----------|------|----------|-----------|------|----------|-----------|------|----------|----------|------|----------|
| 127 | 41 | 30 | 2922 | 27 | 15 | 5292 | 7 | 40 | 5632 | 23 | 21 | 204146 | 13 | 34 | | | |
| 128 | 41 | 31 | 3044 | 33 | 9 | 5292 | 7 | 42 | 5633 | 23 | 32 | 204184 | 35 | 11 | | | |
| 131 | 41 | 34 | 3044 | 37 | 50 | 5292 | 7 | 47 | 5635 | 15 | 39 | 204185 | 35 | 17 | | | |
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