

Yamato[®]

Parts List

HIGH SPEED CYLINDER BED
INTERLOCK STITCH MACHINE

VE2700

MODELS

| | | |
|------------|-----------|-----------|
| VE2713-2 | VE2713-1 | VE2711-2 |
| VE2711-1 | VE2711P-2 | VE2740P-2 |
| VE2740PR-2 | | |



YAMATO SEWING MACHINE MFG. CO., LTD.

パーツリストの見方

このパーツリストはVE2713-148L-2(156L-2, 164L-2)-T1Nを基本モデルにしてイラストを作成しています。

項目1～17には基本モデルを記載しています。

項目18～サブモデル、付帯装置等を記載しています。

パーツリストに記載されているカラーの寸法は内径×外径×幅を表わしています。

記号の説明 (Parts No. の隣に記載されています。)

[] 前回のパーツリストに対して、今回変更された部品を表わしています。

[] 内は旧Parts No. 及びネジ類の形状

◆ 前回のパーツリストに対して、今回追加された部品及びモデルを表わしています。

部品注文の際のご注意

☆ このパーツリストに記載されている部品をご注文の際は、Parts No.(例えば、3500201)でお願いします。

☆ 0068011の場合は、0068011又は68011でご注文下さい。

☆ エアチューブ御注文の際は品番と長さをお知らせ下さい。

なお、このパーツリストの記載事項は、改良により変更される場合がありますのでご了承下さい。

How to use this Parts List

The illustrations on this Parts List are drawn on the basis of VE2713-148L-2(156L-2, 164L-2)-T1N.

The items from No.1 to No.17 contain the standard model.

The following items included No.18 contain the submodel and Devices.

The dimension of Collar on this Parts List shows Inside diameter X Outside diameter X Width.

Explanation of Marks (marked at the Side of Part No.)

[] means this part is changed from the previous Parts List.

Inside of [] shows the previous Part No. and the shape of screw or the like.

◆ means this part and model is added to the previous Parts List.

How to place an order for the parts

☆ When placing an order for the parts from this Parts List, please clearly state the Parts No. (e.g.3500201) which you require so that we can deliver the correct Parts to you.

☆ When the Part No. is "0068011", please place an order for the part by showing "0068011" or "68011".

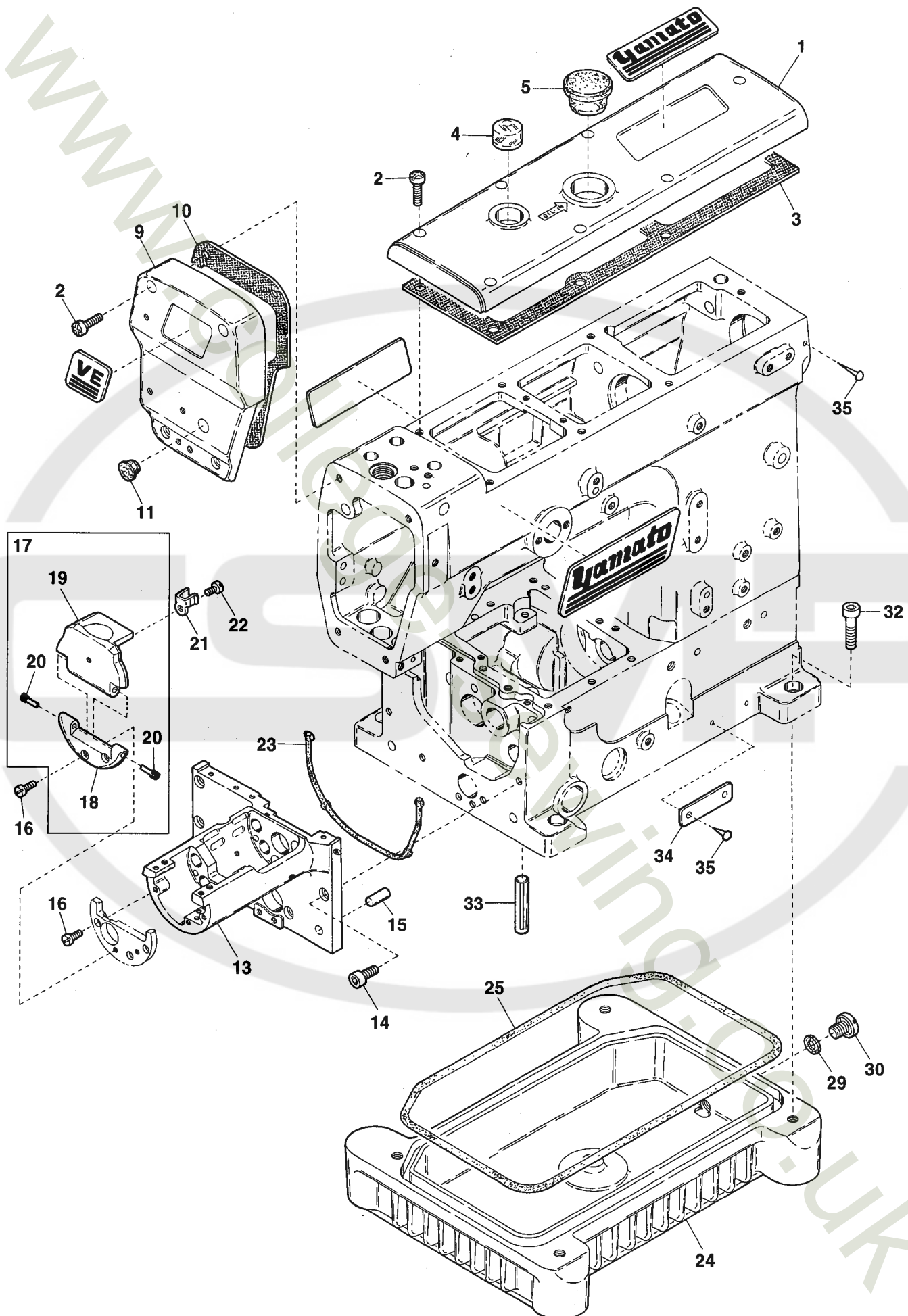
☆ When ordering Air Tube, please inform us of the Part No. and the length.

This Parts List is subject to change without notice.

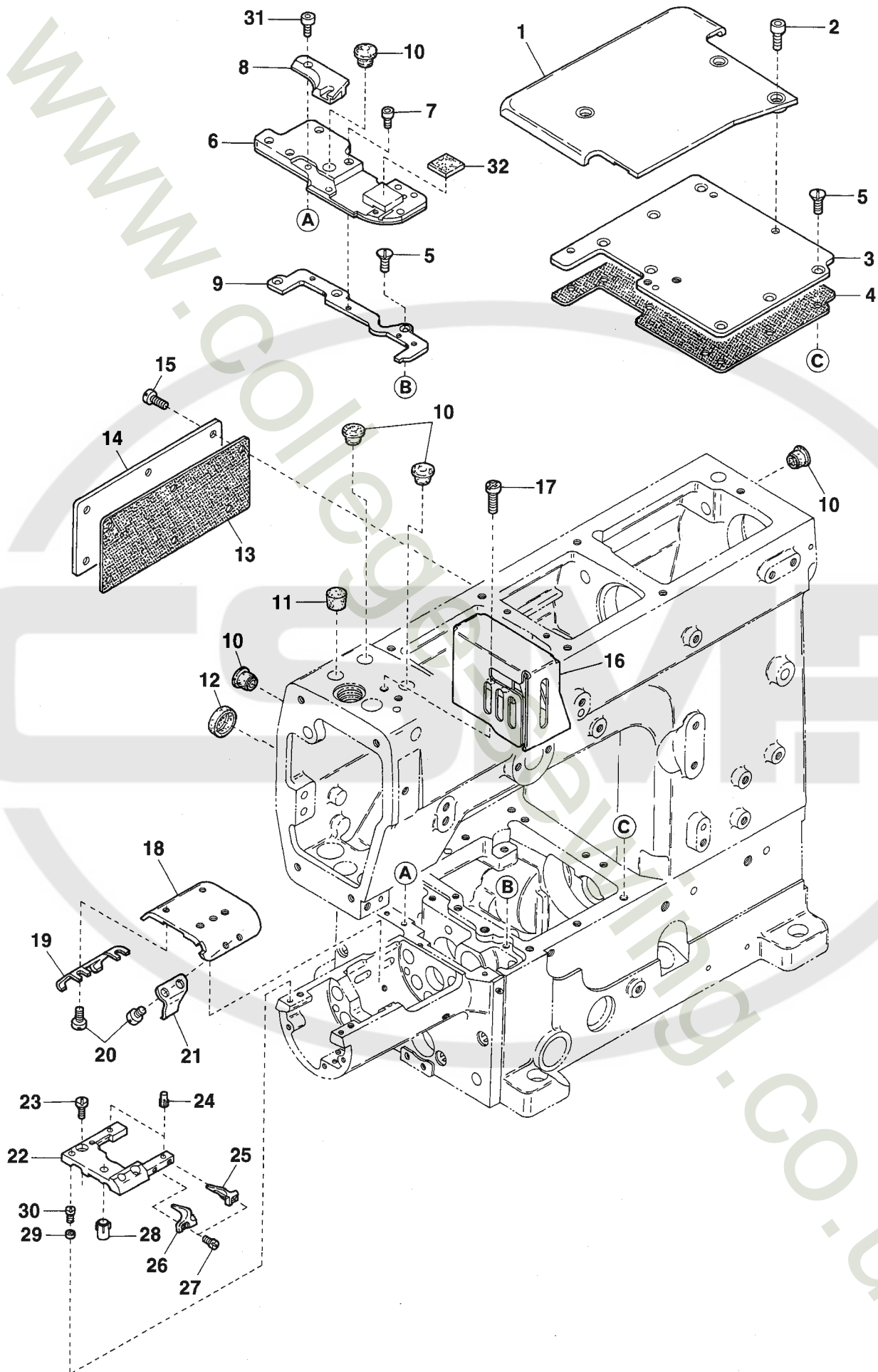
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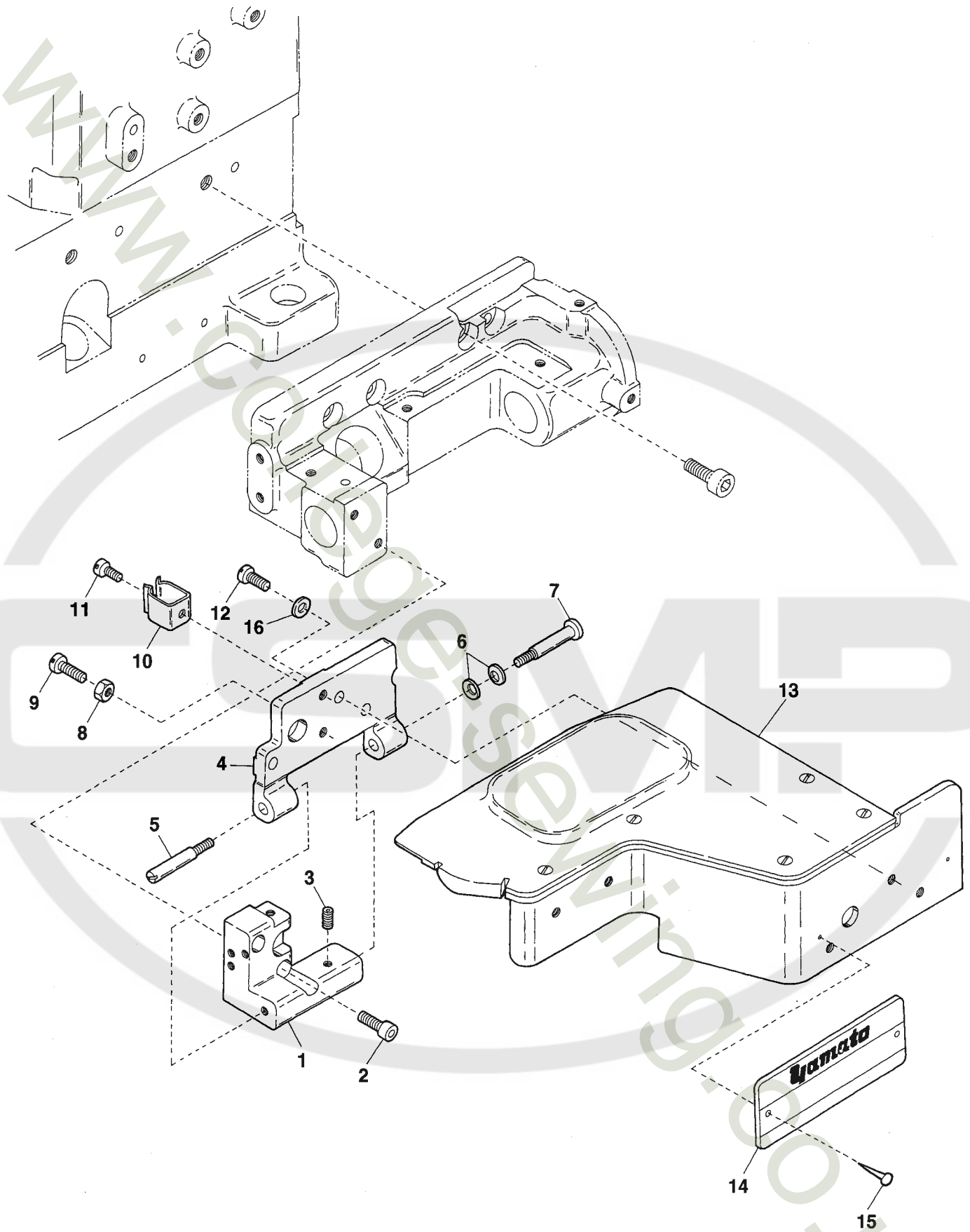
| | | |
|---|---------------|----|
| MISCELLANEOUS COVERS(1) | カバー関係 (1) | 1 |
| MISCELLANEOUS COVERS(2) | カバー関係 (2) | 2 |
| MISCELLANEOUS COVERS(3) | カバー関係 (3) | 3 |
| MISCELLANEOUS THREAD EYELETS | 糸道関係 | 4 |
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| NEEDLE GUARD & MAIN SHAFT DRIVING MECHANISM | 針受け及び下軸機構 | 6 |
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| PRESSER FOOT MECHANISM | 押エ機構 | 10 |
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| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-------------------|------------------------------|-------------|----------|
| 1 | 3100026 | Top Cover | 上カバー | 1 |
| 2 | 110045 | Screw(M4-0.7 × 12) | 止ネジ | 11 |
| 3 | 3500430 | Top Cover Gasket | 上カバーパッキン | 1 |
| 4 | 0068011 | Oil Sight Window | オイル確認窓 | 1 |
| 5 | 0020759 | Top Cover Seal Plug | 上カバー詰栓 | 1 |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | 3500207 [3100018] | Head Cover | ヘッドカバー | 1 |
| 10 | 3500431 | Head Cover Gasket | ヘッドカバーパッキン | 1 |
| 11 | 0093864 | Head Cover Seal Plug | 詰栓 | 1 |
| 12 | | | | |
| 13 | 3150004 | Cylinder | シリンダ | 1 |
| 14 | 009752 | Screw(M5-0.8 × 15) | 止ネジ | 5 |
| 15 | 3150163 | Knock Pin | ノックピン | 2 |
| 16 | 110036 | Screw(M3-0.5 × 6.5) | 止ネジ | 5 |
| 17 | 3150099 | Side Cover, Complete Set | 横開キカバー(組) | 1 |
| 18 | 3150100 | Side Cover Hinge | 横開キカバーヒンジ | 1 |
| 19 | 3150101 | Side Cover | 横開キカバー | 1 |
| 20 | 340034 | Side Cover Hinge Pin | 横開キカバーヒンジピン | 2 |
| 21 | 3150119 | Cover Latch Spring | カバーラッチバネ | 1 |
| 22 | 009995 | Screw(M3-0.5 × 5) | 止ネジ | 1 |
| 23 | 3150141 | Cylinder Gasket | シリンダパッキン | 1 |
| 24 | 3100004 | Oil Reservoir | 油受ケ | 1 |
| 25 | 3100005 | Oil Reservoir Gasket | 油受ケパッキン | 1 |
| 26 | | | | |
| 27 | | | | |
| 28 | | | | |
| 29 | 0020137 | Drain Hole Seal | 油抜キネジパッキン | 1 |
| 30 | 005075 | Screw(3/8-24 × 8) | 油抜キネジ | 1 |
| 31 | | | | |
| 32 | 120016 | Screw(M8-1.25 × 20) | 止ネジ | 4 |
| 33 | 340000 | Machine Frame Supporting Bar | ベッド支工棒 | 4 |
| 34 | 2049401 | Serial Number Plate | 機番プレート | 1 |
| 35 | 000726 | Rivet | 止メ鋲 | 3 |



| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-------------------|------------------------------------|---------------|----------|
| 1 | 3150103 | Cloth Plate(Large) | クロスプレート(大) | 1 |
| 2 | 009748 | Screw(M4-0.7 × 12) | 止ネジ | 3 |
| 3 | 3100020 | Crank Chamber Cover | ナカカバー | 1 |
| 4 | 3180035 [3100021] | Crank Chamber Cover Gasket | ナカカバーパッキン | 1 |
| 5 | 130003 | Screw(M4-0.7 × 7.3) | 止ネジ | 10 |
| 6 | 3150105 | Machine Frame Upper Cover(Left) | ベッド上カバー(左) | 1 |
| 7 | 009779 | Screw(M3-0.5 × 6) | 止ネジ | 7 |
| 8 | 3150102 | Cylinder Cover(Rear) | シリンダカバー(後) | 1 |
| 9 | 3150106 | Upper Cover Support | ベッド上カバー取付板 | 1 |
| 10 | 0093864 | Seal Plug | 詰栓 | 5 |
| 11 | 0065275 | Seal Plug | 詰栓 | 1 |
| 12 | 3100006 | Seal Plug | 詰栓 | 1 |
| 13 | 3100017 | Rear Cover Gasket | 後カバーパッキン | 1 |
| 14 | 3100016 | Rear Cover | 後カバー | 1 |
| 15 | 110013 | Screw(M4-0.7 × 8) | 止ネジ | 6 |
| 16 | 3100113 | Needle Bar Guard | 針棒ガード | 1 |
| 17 | 110079 | Screw(M4-0.7 × 8) | 止ネジ | 2 |
| 18 | 3150095 | Cylinder Upper Cover | シリンダ上カバー | 1 |
| 19 | 3150097 | Cylinder Upper Cover Spring(Rear) | シリンダ上カバーバネ(後) | 1 |
| 20 | 110091 | Screw(M3-0.5 × 3) | 止ネジ | 4 |
| 21 | 3150096 | Cylinder Upper Cover Spring(Front) | シリンダ上カバーバネ(前) | 1 |
| 22 | 3150181 | Stitch Plate Support | 針板取付板 | 1 |
| 23 | 110041 | Screw(M4-0.7 × 8) | 止ネジ | 2 |
| 24 | 340036 | Knock Pin | ノックピン | 2 |
| 25 | 3150126 | Fabric Guide(Right)(Covering Seam) | 布ガイド(右)(ツブシ用) | 1 |
| 26 | 3150127 | Fabric Guide(Left)(Covering Seam) | 布ガイド(左)(ツブシ用) | 1 |
| 27 | 110007 | Screw(M2.5-0.45 × 6) | 止ネジ | 2 |
| 28 | 340035 | Knock Pin | ノックピン | 1 |
| 29 | 3150123 | Positioning Bushing | 位置決めブッシュ | 2 |
| 30 | 110032 | Screw(M3-0.5 × 6.5) | 止ネジ | 2 |
| 31 | 009744 | Screw(M3-0.5 × 10) | 止ネジ | 2 |
| 32 | 3150129 | Rubber Plate | ゴムプレート | 1 |



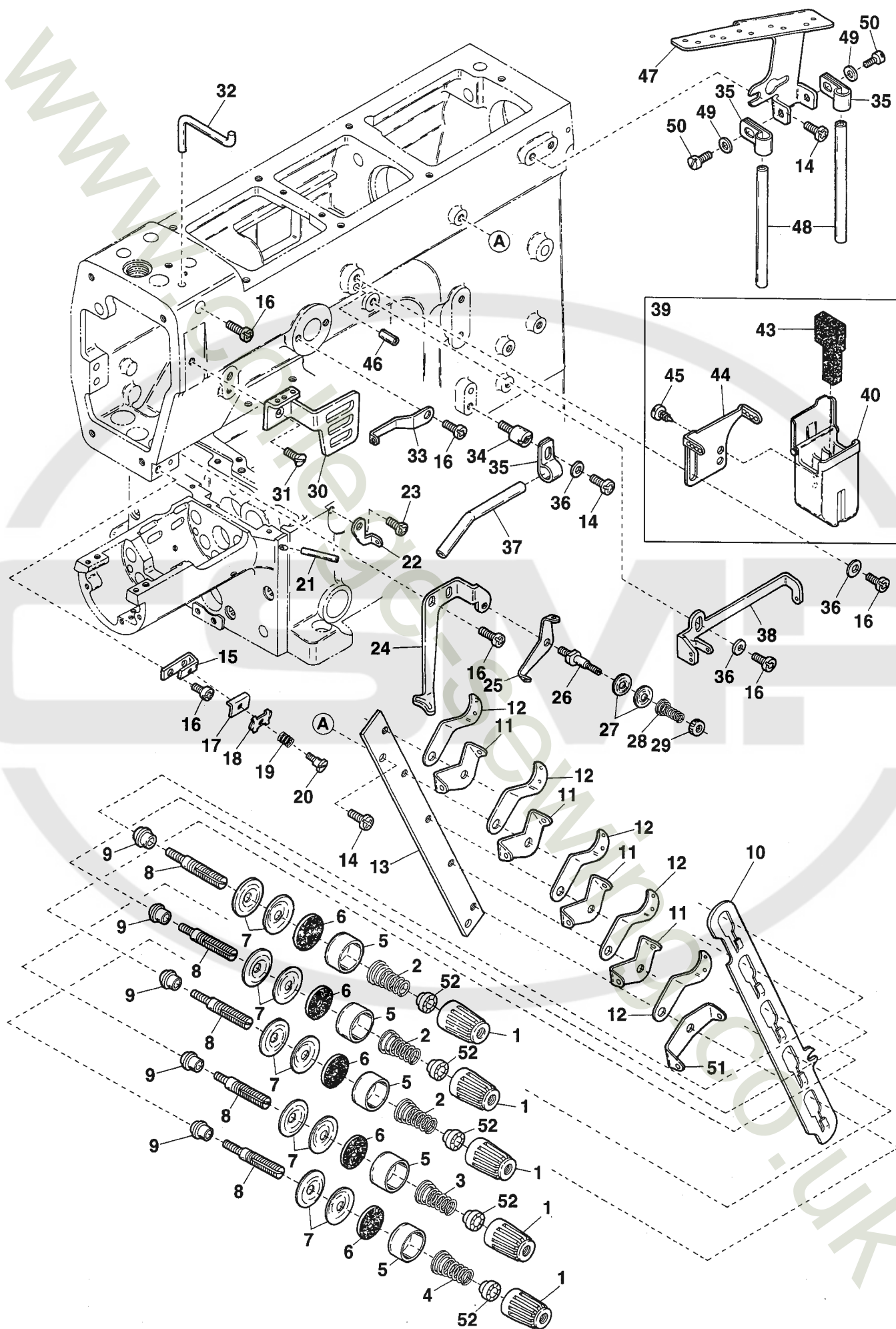
| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|----------------------------|--------------|----------|
| 1 | 3150116 | Front Cover Hinge Bracket | 前開キカバーヒンジ取付台 | 1 |
| 2 | 120001 | Screw(M4-0.7 × 94) | 止ネジ | 2 |
| 3 | 160001 | Screw(M4-0.7 × 4) | 止ネジ | 1 |
| 4 | 3150114 | Front Cover Support | 前開キカバー取付板 | 1 |
| 5 | 180005 | Screw(M5-0.8 × 6) | 止ネジ | 1 |
| 6 | 300100 | Conical Spring Washer | 皿バネワッシャ | 2 |
| 7 | 170001 | Screw(M4-0.7 × 8) | 止ネジ | 1 |
| 8 | 000022 | Nut | ナット | 1 |
| 9 | 110035 | Screw(M4-0.8 × 10) | 止ネジ | 1 |
| 10 | 0094201 | Cover Latch Spring | カバーラッチバネ | 1 |
| 11 | 110012 | Screw(M4-0.7 × 5) | 止ネジ | 1 |
| 12 | 110048 | Screw(M4-0.7 × 10) | 止ネジ | 3 |
| 13 | 3150111 | Front Cover Unit | 前開キカバー(組) | 1 |
| 14 | 4109403 | Model Plate(See the below) | 型式板(下記参照) | 1 |
| 15 | 000726 | Rivet | 止メ鋲 | 2 |
| 16 | 000538 | Washer | ワッシャ | 3 |

Note : Order for Model Plate must be accompanied by model designation(including symbols of gauge and devices).

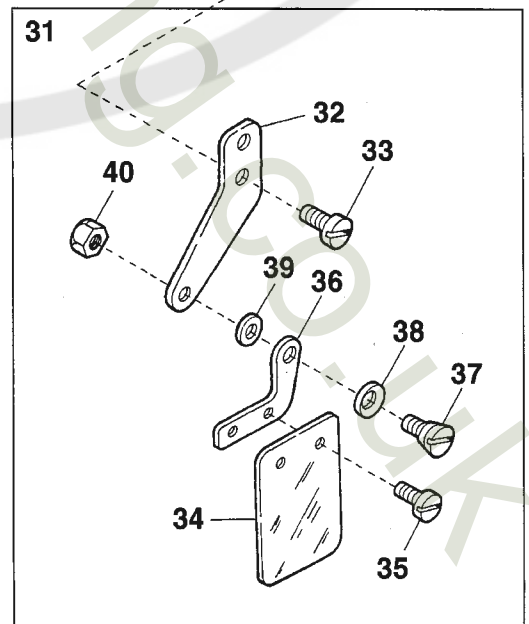
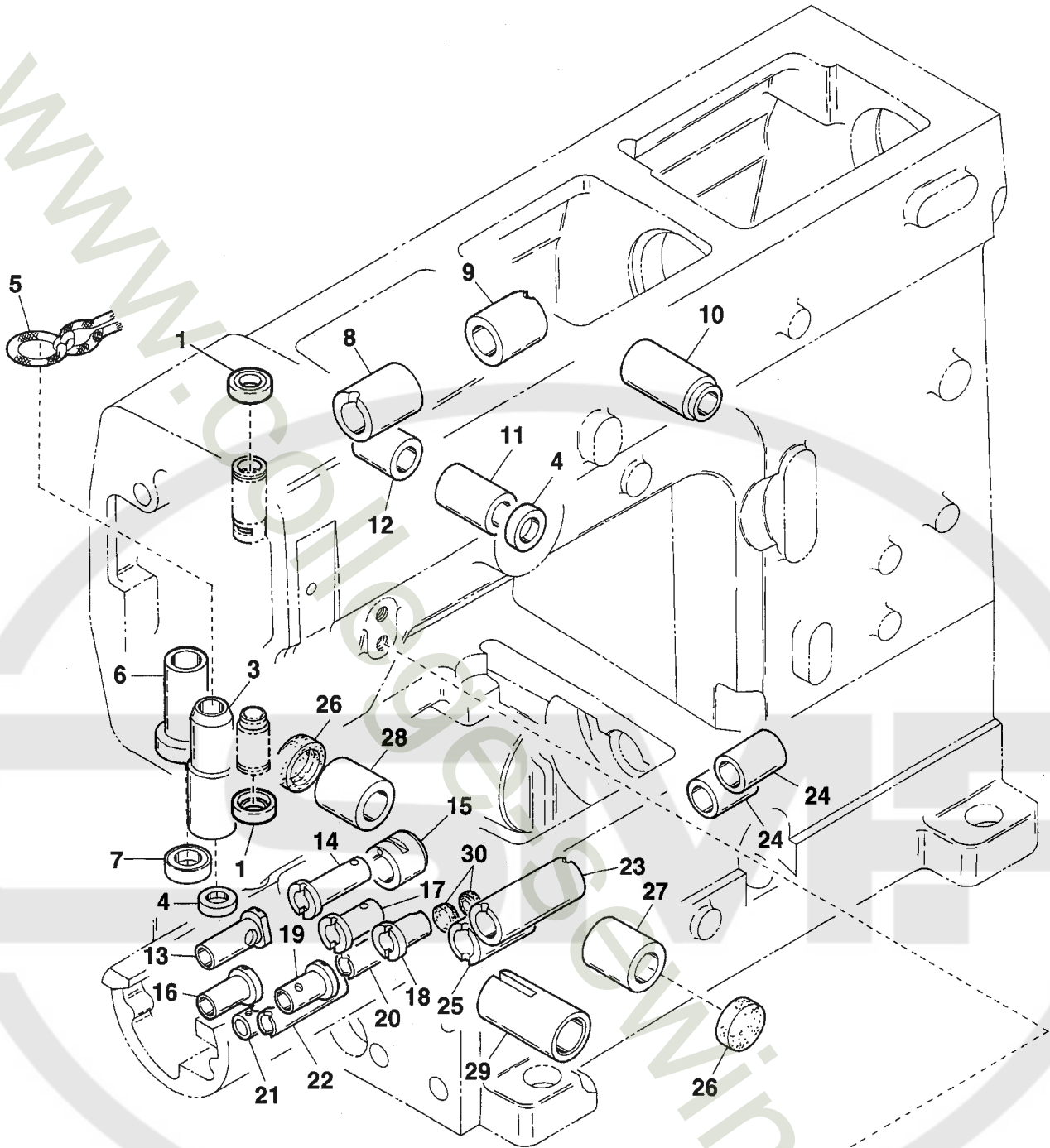
(注) 型式板を御注文の際は機種名(ゲージ記号、附帯装置含む)をお知らせください。

| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|---------------------------------|--------------|----------|
| 1 | 0024084 | Thread Tension Spring Cap | 糸調子バネキャップ(上) | 5 |
| 2 | 0030255 | Needle Thread Tension Spring | 糸調子バネ(針糸) | 3 |
| 3 | 0032952 | Top Cover Thread Tension Spring | 糸調子バネ(飾り糸) | 1 |
| 4 | 0032952 | Looper Thread Tension Spring | 糸調子バネ(ループ糸) | 1 |
| 5 | 0090071 | Thread Tension Spring Retainer | 糸調子バネキャップ(下) | 5 |
| 6 | 000177 | Felt | フェルト | 5 |
| 7 | 0031111 | Tension Disc | 糸調子皿 | 10 |
| 8 | 290029 | Tension Post | 糸調子棒 | 5 |
| 9 | 0090812 | Tension Post Ferrule | 糸調子棒糸摺レ | 5 |
| 10 | 3100075 | Tension Disc Separator | 糸緩メ板 | 1 |
| 11 | 0090856 | Tension Disc Eyelet | 糸調子皿糸道 | 4 |
| 12 | 0090807 | Thread Lead-in Guide | 糸調子台糸道 | 5 |
| 13 | 3100074 | Tension Post Support | 糸調子台 | 1 |
| 14 | 110013 | Screw(M4-0.7 × 8) | 止ネジ | 5 |
| 15 | 3100087 | Needle Thread Retainer Support | 小調子台 | 1 |
| 16 | 110013 | Screw(M4-0.7 × 8) | 止ネジ | 7 |
| 17 | 0036175 | Thread Retainer Disc Support | 小調子板 | 1 |
| 18 | 0032425 | Needle Thread Retainer Disc | 小調子皿 | 1 |
| 19 | 0032426 | Needle Thread Retainer Spring | 小調子バネ | 1 |
| 20 | 001093 | Screw(1/8-44 × 2.2) | 止ネジ | 1 |
| 21 | 3150109 | Thread Eyelet Pipe | 糸道パイプ | 1 |
| 22 | 0080393 | Thread Eyelet(Front) | 前糸道 | 1 |
| 23 | 110012 | Screw(M4-0.7 × 5) | 止ネジ | 1 |
| 24 | 3100081 | Top Cover Thread Guide | 飾り糸案内 | 1 |
| 25 | 0063074 | Supplementary Thread Guide | 小調子台糸道 | 1 |
| 26 | 001818 | Tension Post | 糸調子棒 | 1 |
| 27 | 0037108 | Supplementary Tension Disc | 小調子皿 | 2 |
| 28 | 0035813 | Supplementary Tension Spring | 飾り糸調子バネ | 1 |
| 29 | 000360 | Nut | ナット | 1 |
| 30 | 3100442 | Needle Thread Take-up Guard | 針糸繰りガード | 1 |
| 31 | 130003 | Screw(M4-0.7 × 4.5) | 止ネジ | 1 |
| 32 | 0090068 | Needle Thread Guide | 針糸受ケ | 1 |
| 33 | 3200048 | Top Cover Thread Eyelet(Left) | 飾り糸道(左) | 1 |
| 34 | 190020 | Screw(M4-0.7 × 8) | 止ネジ | 1 |
| 35 | 0093528 | Thread Eyelet Pipe Stay | 糸道パイプ支エ | 3 |
| 36 | 000538 | Washer | ワッシャ | 3 |
| 37 | 0021735 | Thread Eyelet Pipe(Long) | 糸道パイプ(長) | 1 |
| 38 | 3200047 | Top Cover Thread Eyelet(Right) | 飾り糸道(右) | 1 |

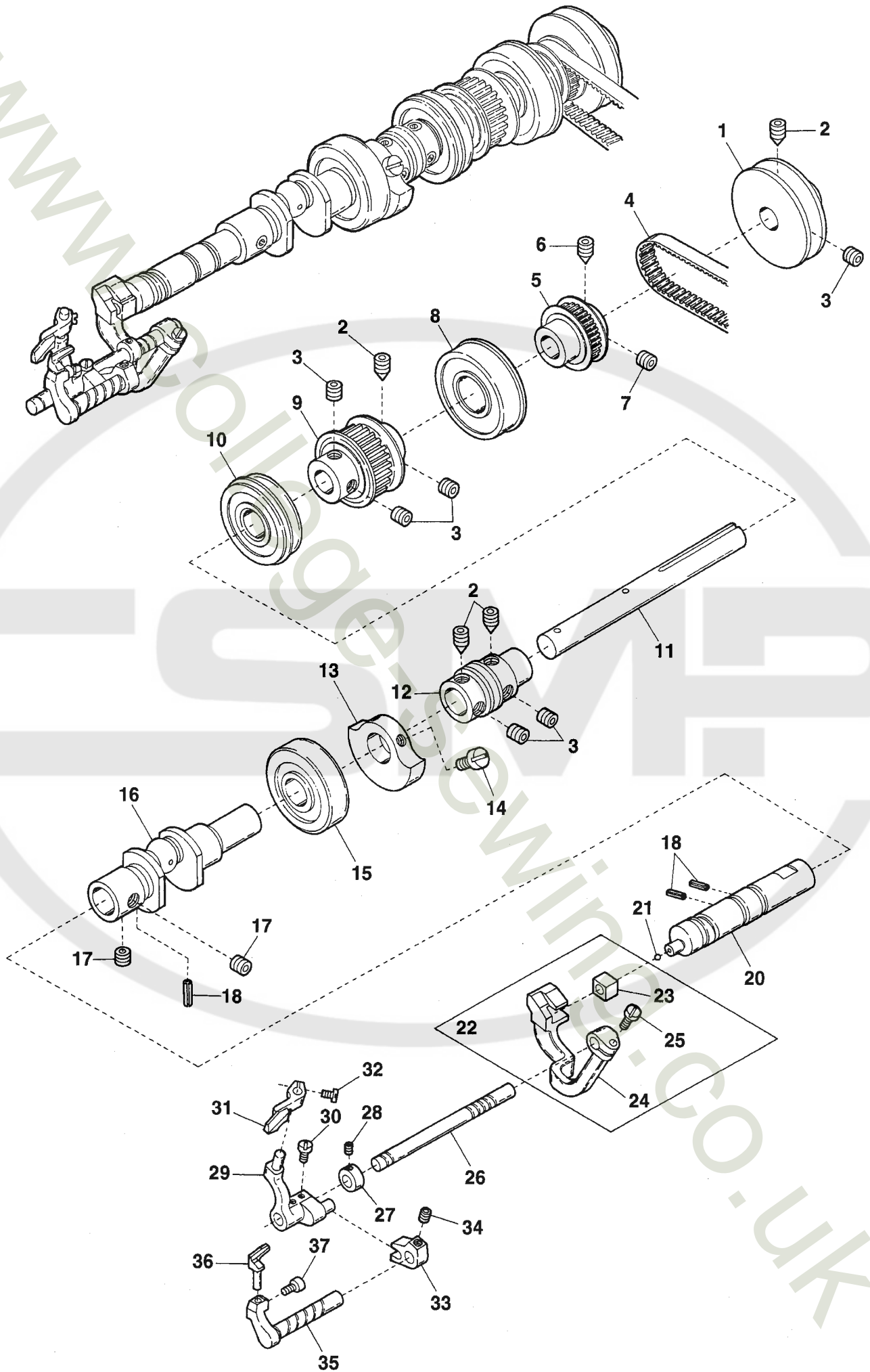
Ref. No. 39 to 52 See the following page.



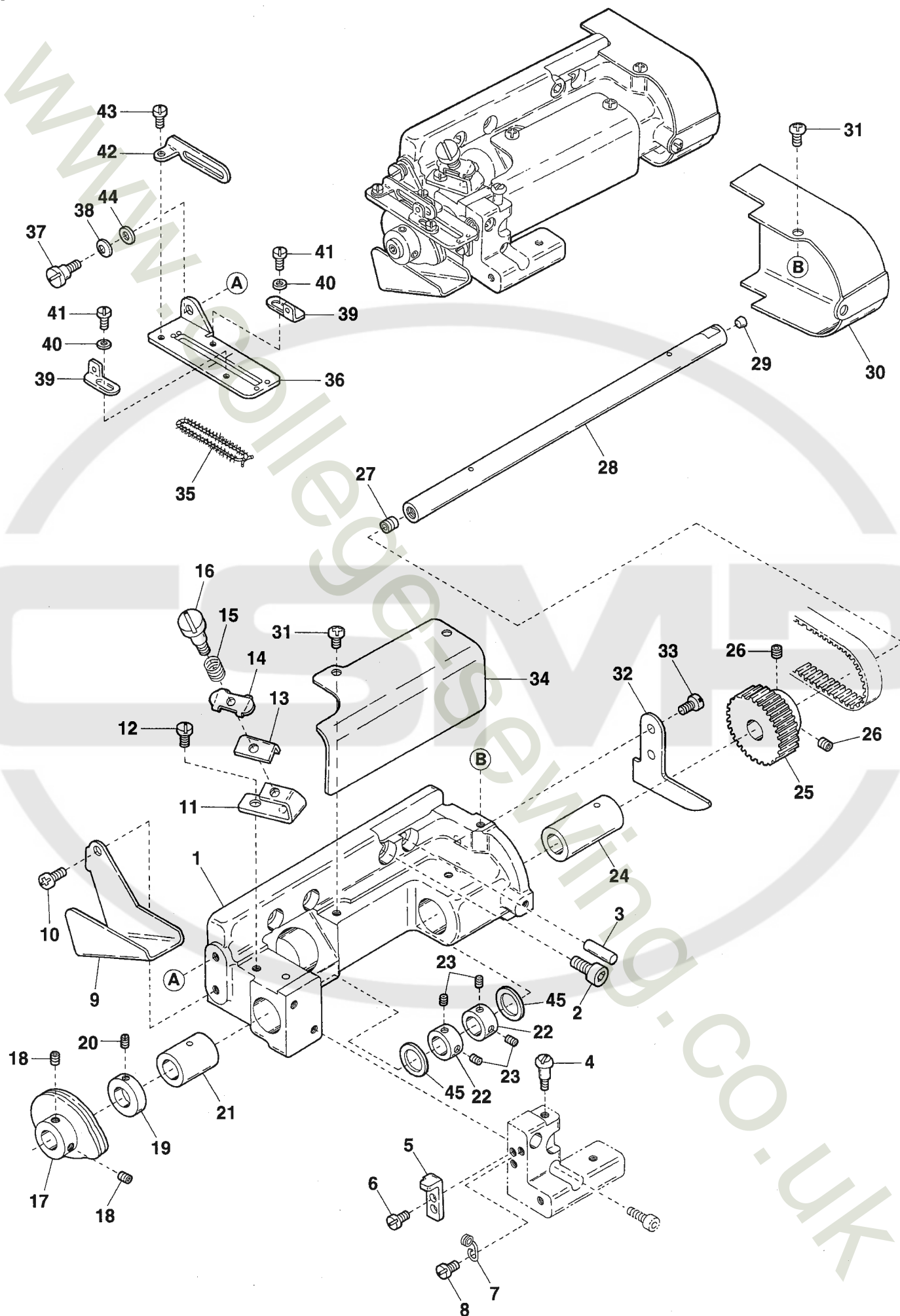
| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|---------------------------|------------|----------|
| 39 | 3100383 | SP Device, Complete Set | SP 装置(組) | 1 |
| 40 | 3100384 | SP Container | SP タンク | 1 |
| 41 | | | | |
| 42 | | | | |
| 43 | 3100386 | Felt | フェルト | 1 |
| 44 | 3100387 | Needle Thread Eyelet | 針糸道 | 1 |
| 45 | 350009 | Wood Screw(Φ 5.5 × 6) | 木ネジ | 2 |
| 46 | 000651 | Guide Pin | ガイドピン | 1 |
| 47 | 0063104 | Thread Guide Plate | 糸案内板 | 1 |
| 48 | 0020119 | Thread Eyelet Pipe(Short) | 糸道パイプ(短) | 2 |
| 49 | 000532 | Washer | ワッシャ | 2 |
| 50 | 004353 | Screw(9/64-40 × 7) | 止ネジ | 2 |
| 51 | 0090857 | Tension Disc Eyelet | 糸調子皿糸道 | 1 |
| 52 | 0024083 | Tension Spring Bushing | 糸調子ナット回り止め | 5 |



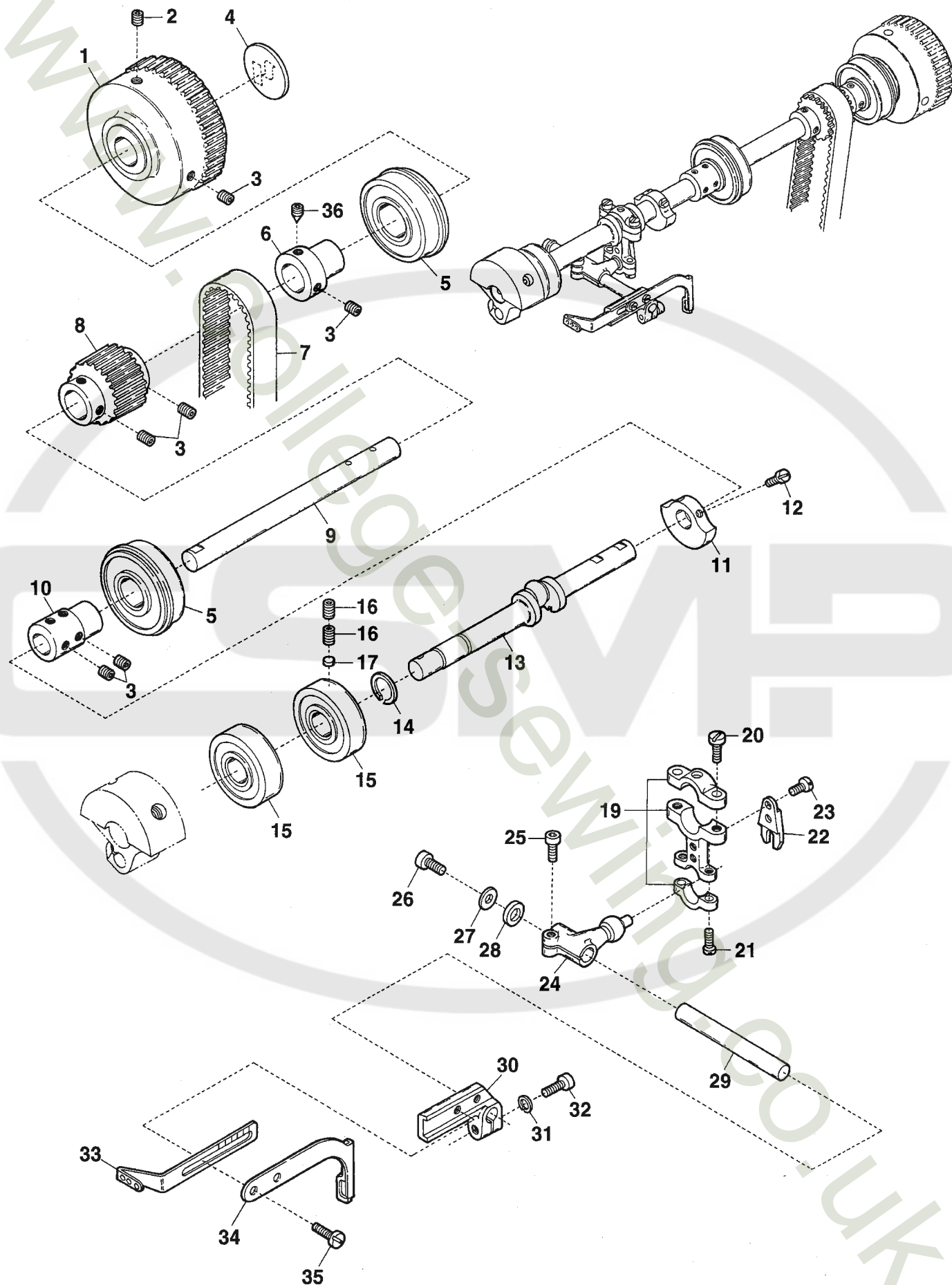
| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-------------------|---------------------------------------|-----------------|----------|
| 1 | 3500309 ◆ | Oil Seal | オイルシール | 2 |
| 2 | | | | |
| 3 | 3100099 | Presser Bar Bushing | 押エ棒ブッシュ | 1 |
| 4 | 3204021 [0030291] | Oil Seal | オイルシール | 2 |
| 5 | 000195 | Oil Wick | 油芯 | 1 |
| 6 | 3100100 | Spreader Driving Bar Bushing | 飾り糸ルーパ棒ブッシュ | 1 |
| 7 | 0063055 | Oil Seal | オイルシール | 1 |
| 8 | 3200063 | Spreader Driving Shaft Bushing(Left) | 飾り糸ルーパ軸ブッシュ(左) | 1 |
| 9 | 3200064 | Spreader Driving Shaft Bushing(Right) | 飾り糸ルーパ軸ブッシュ(右) | 1 |
| 10 | 3160136 [3100108] | Foot Lifter Lever Bushing | 押エ揚げ軸ブッシュ | 1 |
| 11 | 3200068 [0093201] | Needle Thread Take-up Bushing(Front) | 針糸繰り軸ブッシュ(前) | 1 |
| 12 | 3100098 | Needle Thread Take-up Bushing(Rear) | 針糸繰り軸ブッシュ(後) | 1 |
| 13 | 3150007 | Feed Bar Lift Bushing(Rear/Left) | 送り上下軸ブッシュ(後)(左) | 1 |
| 14 | 3150008 | Feed Bar Lift Bushing(Rear/Right) | 送り上下軸ブッシュ(後)(右) | 1 |
| 15 | 3150019 | Lower Shaft Bushing | 下軸ブッシュ | 1 |
| 16 | 3150013 | Feed Rocker Bushing(Left) | 送り前後軸ブッシュ(左) | 1 |
| 17 | 3150012 | Feed Rocker Bushing(Right) | 送り前後軸ブッシュ(右) | 1 |
| 18 | 3150009 | Feed Bar Lift Bushing(Front/Right) | 送り上下軸ブッシュ(前)(右) | 1 |
| 19 | 3150010 | Feed Bar Lift Bushing(Front/Left) | 送り上下軸ブッシュ(前)(左) | 1 |
| 20 | 3150016 | Needle Guard Bushing(Right) | 針受ケ軸ブッシュ(右) | 1 |
| 21 | 3150014 | Needle Guard Bushing(Left) | 針受ケ軸ブッシュ(左) | 1 |
| 22 | 3150015 | Needle Guard(Front) Bushing | 針受ケ(前)軸ブッシュ | 1 |
| 23 | 3150011 | Feed Bar Lift Bushing(Large/Left) | 送り上下軸ブッシュ(大)(左) | 1 |
| 24 | 3150018 | Feed Bar Bushing(Large/Right) | 送り軸ブッシュ(大)(右) | 2 |
| 25 | 3150017 | Feed Rocker Bushing(Large/Left) | 前後軸ブッシュ(大)(左) | 1 |
| 26 | 3100006 | Seal Plug | 詰栓 | 2 |
| 27 | 3100092 | Looper Driving Shaft Bushing(Front) | ルーパ軸ブッシュ(前) | 1 |
| 28 | 3100093 | Looper Driving Shaft Bushing(Rear) | ルーパ軸ブッシュ(後) | 1 |
| 29 | 3150020 | Adjusting Screw Bushing | 送り調節ネジブッシュ | 1 |
| 30 | 2100034 | Seal Plug | 詰栓 | 2 |
| 31 | 3101199 | Eye Guard, Complete Set | アイガード(組) | 1 |
| 32 | 3101200 | Eye Guard Support | アイガード取付板 | 1 |
| 33 | 009784 | Screw(M6-1 × 10) | 止ネジ | 2 |
| 34 | 0060176 | Eye Guard | アイガード | 1 |
| 35 | 004236 | Screw(3/32-56 × 4.2) | 止ネジ | 2 |
| 36 | 0060175 | Eye Guard Holder | アイガードホルダ | 1 |
| 37 | 006004 | Screw(11/64-40 × 9.7) | 止ネジ | 1 |
| 38 | 000010 | Conical Spring Washer | 皿バネワッシャ | 1 |
| 39 | 000547 | Washer | ワッシャ | 1 |
| 40 | 000334 | Nut | ナット | 1 |



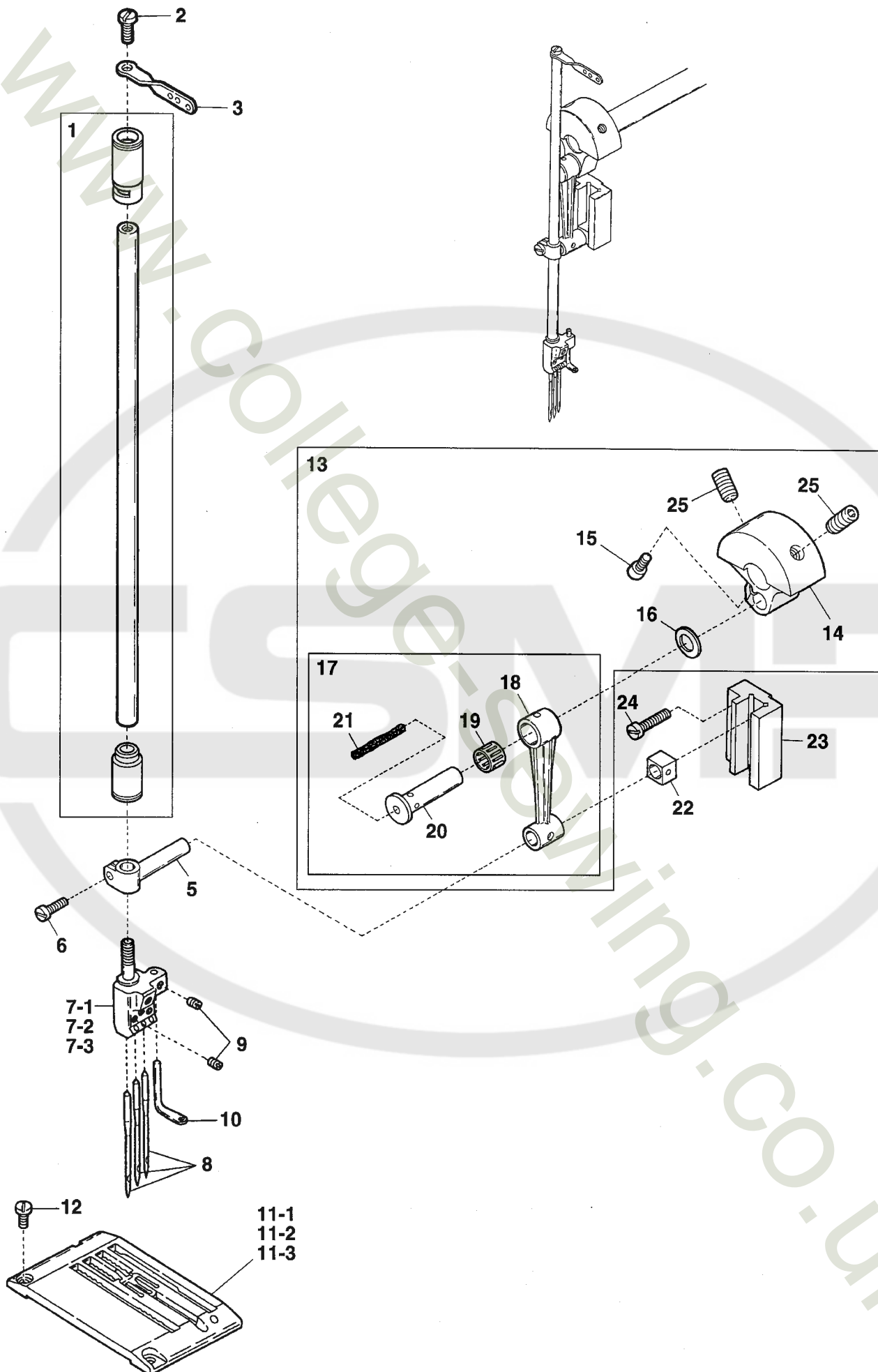
| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-------------------|--------------------------------|-------------|----------|
| 1 | 3150074 | Pulley | プーリ | 1 |
| 2 | 160005 | Screw(M6-1 × 8) | 止ネジ | 4 |
| 3 | 160007 | Screw(M6-1 × 6) | 止ネジ | 6 |
| 4 | 3120070 | Timing Belt | タイミングベルト | 1 |
| 5 | 3150073 | Belt Pulley(Rear) | ベルトプーリ(後) | 1 |
| 6 | 160021 | Screw(M5-0.8 × 6) | 止ネジ | 1 |
| 7 | 160009 | Screw(M5-0.8 × 5) | 止ネジ | 1 |
| 8 | 0093089 | Ball Bearing(Right) | ボールベアリング(右) | 1 |
| 9 | 3100128 | Main Shaft Sprocket(Lower) | ベルトプーリ(下) | 1 |
| 10 | 3100131 [0093090] | Ball Bearing(Middle) | ボールベアリング(中) | 1 |
| 11 | 3150069 | Lower Shaft(Right) | 下軸(右) | 1 |
| 12 | 3100122 | Oil Pump Driving Worm | ウオーム | 1 |
| 13 | 3100127 | Counterweight(Small) | バランスウエイト(小) | 1 |
| 14 | 110009 | Screw(M4-0.7 × 8) | 止ネジ | 2 |
| 15 | 3100123 | Ball Bearing(Left) | ボールベアリング(左) | 1 |
| 16 | 3100121 | Lower Crankshaft | 下軸クランク | 1 |
| 17 | 160004 | Screw(M6-1 × 4.8) | 止ネジ | 2 |
| 18 | 001107 | Roll Pin | ロールピン | 3 |
| 19 | | | | |
| 20 | 3150183 | Lower Shaft(Left) | 下軸(左) | 1 |
| 21 | 000636 | Seal Plug | 詰栓 | 1 |
| 22 | 3150080 | Needle Guard Arm Block, C. Set | 針受ケ腕角駒(組) | 1 |
| 23 | 3150072 | Needle Guard Arm Block | 針受ケ腕角駒 | 1 |
| 24 | 3150081 | Needle Guard Arm | 針受ケ腕 | 1 |
| 25 | 110035 | Screw(M4-0.7 × 10) | 止ネジ | 1 |
| 26 | 3150082 | Needle Guard Driving Shaft | 針受ケ軸 | 1 |
| 27 | 3150083 | Collar(6 × 11 × 5mm) | カラー | 1 |
| 28 | 160000 | Screw(M3-0.5 × 3) | 止ネジ | 1 |
| 29 | 3150089 | Needle Guard(Rear) Holder | 針受ケ(後)台 | 1 |
| 30 | 110060 | Screw(M4-0.7 × 5) | 止ネジ | 2 |
| 31 | 3159201 | Needle Guard(Rear) | 針受ケ(後) | 1 |
| 32 | 110036 | Screw(M3-0.5 × 6.5) | 止ネジ | 1 |
| 33 | 3150086 | Needle Guard(Front) Arm | 針受ケ(前)腕 | 1 |
| 34 | 160001 | Screw(M4-0.7 × 4) | 止ネジ | 1 |
| 35 | 3150088 | Needle Guard(Front) Holder | 針受ケ(前)台 | 1 |
| 36 | 3159200 | Needle Guard(Front) | 針受ケ(前) | 1 |
| 37 | 120048 | Screw(M3-0.5 × 3.5) | 止ネジ | 1 |



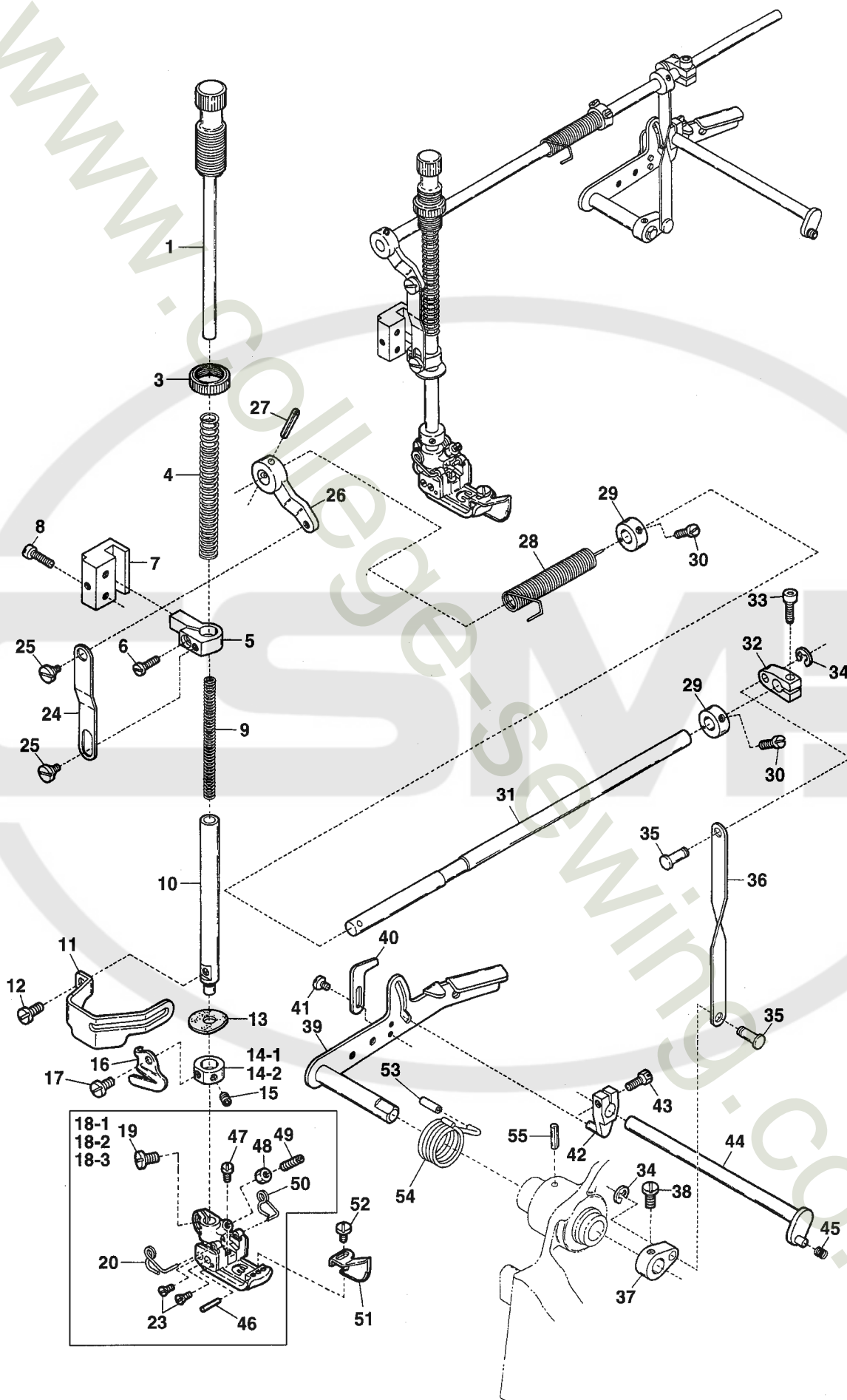
| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------------|--------------------------------------|--------------|----------|
| 1 | 3150005 | Take-up Shaft Bracket | カム軸ブラケット | 1 |
| 2 | 120013 | Screw(M4-0.7 × 8) | 止ネジ | 2 |
| 3 | 000779 | Knock Pin | ノックピン | 2 |
| 4 | 190005 | Screw(M4-0.7 × 5) | バネ掛ケネジ | 1 |
| 5 | 3120073 | Take-up Eyelet Support Stop | カム糸道取付板ストッパ | 1 |
| 6 | 110041 | Screw(M4-0.7 × 8) | 止ネジ | 2 |
| 7 | 3120074 | Stop Spring | ストップバネ | 1 |
| 8 | 110008 | Screw(M4-0.7 × 5) | 止ネジ | 1 |
| 9 | 3150122 | Looper Thread Take-up Cover | カムカバー | 1 |
| 10 | 110013 | Screw(M4-0.7 × 8) | 止ネジ | 1 |
| 11 | 3100087 | Thread Retainer Support | 小調子台 | 1 |
| 12 | 110013 [110009] | Screw(M4-0.7 × 5)[M4-0.7 × 8] | 止ネジ | 1 |
| 13 | 0036175 | Thread Retainer Disc Support | 小調子板 | 1 |
| 14 | 0032425 | Thread Retainer Disc | 小調子皿 | 1 |
| 15 | 0032426 | Thread Retainer Spring | 小調子バネ | 1 |
| 16 | 001093 | Screw(1/8-44 × 2.2) | 止ネジ | 1 |
| 17 | 3120072 | Looper Thread Take-up | 下糸調子カム | 1 |
| 18 | 006212 | Screw(M5-0.8 × 6) | 止ネジ | 2 |
| 19 | 0032719 | Collar(10 × 16 × 6mm) | カラー | 1 |
| 20 | 001459 | Screw(9/64-40 × 3) | 止ネジ | 1 |
| 21 | 3120060 | Take-up Shaft Bushing(Left) | カム軸ブッシュ(左) | 1 |
| 22 | 2100161 | Collar(10 × 19 × 9mm) | カラー | 2 |
| 23 | 160003 | Screw(M5-0.8 × 5) | 止ネジ | 4 |
| 24 | 3120061 | Take-up Shaft Bushing(Right) | カム軸ブッシュ(右) | 1 |
| 25 | 3120068 | Belt Pulley(Front) | ベルトプーリ(前) | 1 |
| 26 | 160007 | Screw(M6-1 × 6) | 止ネジ | 2 |
| 27 | 160015 | Screw(M6-1 × 6) | 止ネジ | 1 |
| 28 | 3150153 | Looper Thread Take-up Shaft | 下糸調子カム軸 | 1 |
| 29 | 330007 | Seal Plug | 詰栓 | 1 |
| 30 | 3150134 | Belt Cover(Small) | ベルトカバー(小) | 1 |
| 31 | 004127 | Screw(M4-0.7 × 6) | 止ネジ | 4 |
| 32 | 3150120 | Belt Cover(Small/Left) | ベルトカバー(小)(左) | 1 |
| 33 | 004127 | Screw(M4-0.7 × 6) | 止ネジ | 2 |
| 34 | 3150135 | Take-up Shaft Cover | カム軸カバー | 1 |
| 35 | 000463 | Laced Wire | モール | 1 |
| 36 | 3150136 | Looper Thread Take-up Eyelet Support | カム糸道取付板 | 1 |
| 37 | 170010 | Screw(M4-0.7 × 4) | 止ネジ | 1 |
| 38 | 300100 | Conical Spring Washer | 皿バネワッシャ | 1 |
| 39 | 0093515 | Thread Eyelet | ルーバ糸道 | 2 |
| 40 | 000535 | Washer | ワッシャ | 2 |
| 41 | 110002 | Screw(M3-0.5 × 5) | 止ネジ | 2 |
| 42 | 3120143 | Cast-off Plate | ルーバ糸案内 | 1 |
| 43 | 110054 | Screw(M3-0.5 × 3.5) | 止ネジ | 1 |
| 44 | 000669 | Washer | ワッシャ | 1 |
| 45 | 3160077 ◆ | Thrust Plate | スラストプレート | 2 |



| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-------------------|-----------------------------|-------------|----------|
| 1 | 3100280 [4100004] | Handwheel | ハンドホイール | 1 |
| 2 | 160007 [160005] | Screw(M6-1 × 6)[M6-1 × 8] | 止ネジ | 1 |
| 3 | 160007 | Screw(M6-1 × 6) | 止ネジ | 10 |
| 4 | 000989 | Handwheel Mark | ハンドホイールマーク | 1 |
| 5 | 3100131 [0093090] | Ball Bearing | ボールベアリング | 2 |
| 6 | 3100129 | Handwheel Adapter | アダプタ | 1 |
| 7 | 0095214 | Timing Belt | タイミングベルト | 1 |
| 8 | 3100281 | Upper Shaft Sprocket(Upper) | ベルトプーリ(上) | 1 |
| 9 | 3100275 | Upper Shaft(Right) | 上軸(右) | 1 |
| 10 | 3100283 | Upper Shaft Joint | 上軸継手 | 1 |
| 11 | 3100127 | Counterweight(Small) | バランスウエイト(小) | 1 |
| 12 | 110009 | Screw(M4-0.7 × 8) | 止ネジ | 2 |
| 13 | 3100284 | Upper Crankshaft | 上軸クランク | 1 |
| 14 | 0060057 | Retaining Ring | 止メ輪 | 1 |
| 15 | 0093154 | Ball Bearing | ボールベアリング | 2 |
| 16 | 160004 | Screw(M6-1 × 4.8) | 止ネジ | 2 |
| 17 | 000926 | Rubber Seat | ゴム座 | 1 |
| 18 | | | | |
| 19 | 0095170 | Connecting Rod | 針糸繰りロッド | 1 |
| 20 | 005071 | Screw(11/64-32 × 14) | 止ネジ | 2 |
| 21 | 001174 | Screw(9/64-40 × 10.3) | 止ネジ | 2 |
| 22 | 0095168 | Guide Fork | 振れ止メ | 1 |
| 23 | 004312 | Screw(1/8-44 × 7.9) | 止ネジ | 2 |
| 24 | 3100285 | Driving Lever | 針糸繰り軸腕 | 1 |
| 25 | 120013 | Screw(M6-1 × 15) | 止ネジ | 1 |
| 26 | 120015 | Screw(M5-0.8 × 10) | 止ネジ | 1 |
| 27 | 000555 | Washer | ワッシャ | 1 |
| 28 | 3100286 | Spacer | スペーサ | 1 |
| 29 | 3100287 | Driving Shaft | 針糸繰り軸 | 1 |
| 30 | 3100078 | Bracket | 針糸繰り台 | 1 |
| 31 | 000600 | Spring Washer | スプリングワッシャ | 1 |
| 32 | 005650 | Screw(M5-0.8 × 14) | 止ネジ | 1 |
| 33 | 0063096 | Needle Thread Take-up | 針糸繰り糸道 | 1 |
| 34 | 3200049 | Top Cover Thread Take-up | 飾り糸繰り | 1 |
| 35 | 110004 | Screw(M3.5-0.6 × 8) | 止ネジ | 2 |
| 36 | 160005 | Screw(M6-1 × 8) | 止ネジ | 1 |



| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-------------------|---|--------------|----------|
| 1 | 3270015 [3100109] | Needle Bar & Needle Bar Bushing, C. Set | 針棒・針棒ブッシュ(組) | 1 |
| 2 | 004358 | Screw(9/64-40 × 5.6) | 止ネジ | 1 |
| 3 | 0063044 | Needle Bar Thread Eyelet | 針棒糸道 | 1 |
| 4 | | | | |
| 5 | 0093184 | Needle Bar Bracket | 針棒抱キ | 1 |
| 6 | 002043 | Screw(11/64-40 × 11) | 止ネジ | 1 |
| 7-1 | 0093356 | Needle Clamp(48) | 針止メ | 1 |
| 7-2 | 0093357 | Needle Clamp(56) | 針止メ | 1 |
| 7-3 | 0093358 | Needle Clamp(64) | 針止メ | 1 |
| 8 | ----- | Needle(UY128 GAS) | 針 | 3 |
| 9 | 001900 | Screw(1/8-44 × 2.4) | 止ネジ | 4 |
| 10 | 0093365 | Top Cover Thread Eyelet | 飾り糸道 | 1 |
| 11-1 | 3158081 | Stitch Plate(48L-2) | 針板 | 1 |
| 11-2 | 3158082 | Stitch Plate(56L-2) | 針板 | 1 |
| 11-3 | 3158083 | Stitch Plate(64L-2) | 針板 | 1 |
| 12 | 110012 | Screw(M3-0.5 × 5) | 止ネジ | 2 |
| 13 | 3100365 | Counterweight, Complete Set | バランスウエイト(組) | 1 |
| 14 | 3201231 | Counterweight(33mm) | バランスウエイト | 1 |
| 15 | 120015 | Screw(M5-0.8 × 10) | 止ネジ | 1 |
| 16 | 0093214 | Connecting Rod Ring | 針棒ロッドリング | 1 |
| 17 | 3100362 | Connecting Rod, Complete Set | 針棒ロッド(組) | 1 |
| 18 | 3100290 | Connecting Rod | 針棒ロッド | 1 |
| 19 | 0093212 | Roller Bearing | ニードベアリング | 1 |
| 20 | 3100363 | Connecting Rod Pin | 針棒ロッドピン | 1 |
| 21 | 000321 | Oil Wick | 油芯 | 1 |
| 22 | 0093186 | Slide Block | 針棒案内駒 | 1 |
| 23 | 0093179 | Needle Bar Guide | 針棒案内 | 1 |
| 24 | 110010 | Screw(M4-0.7 × 16) | 止ネジ | 2 |
| 25 | 260000 | Screw(5/16-24 × 15.88) | 止ネジ | 2 |

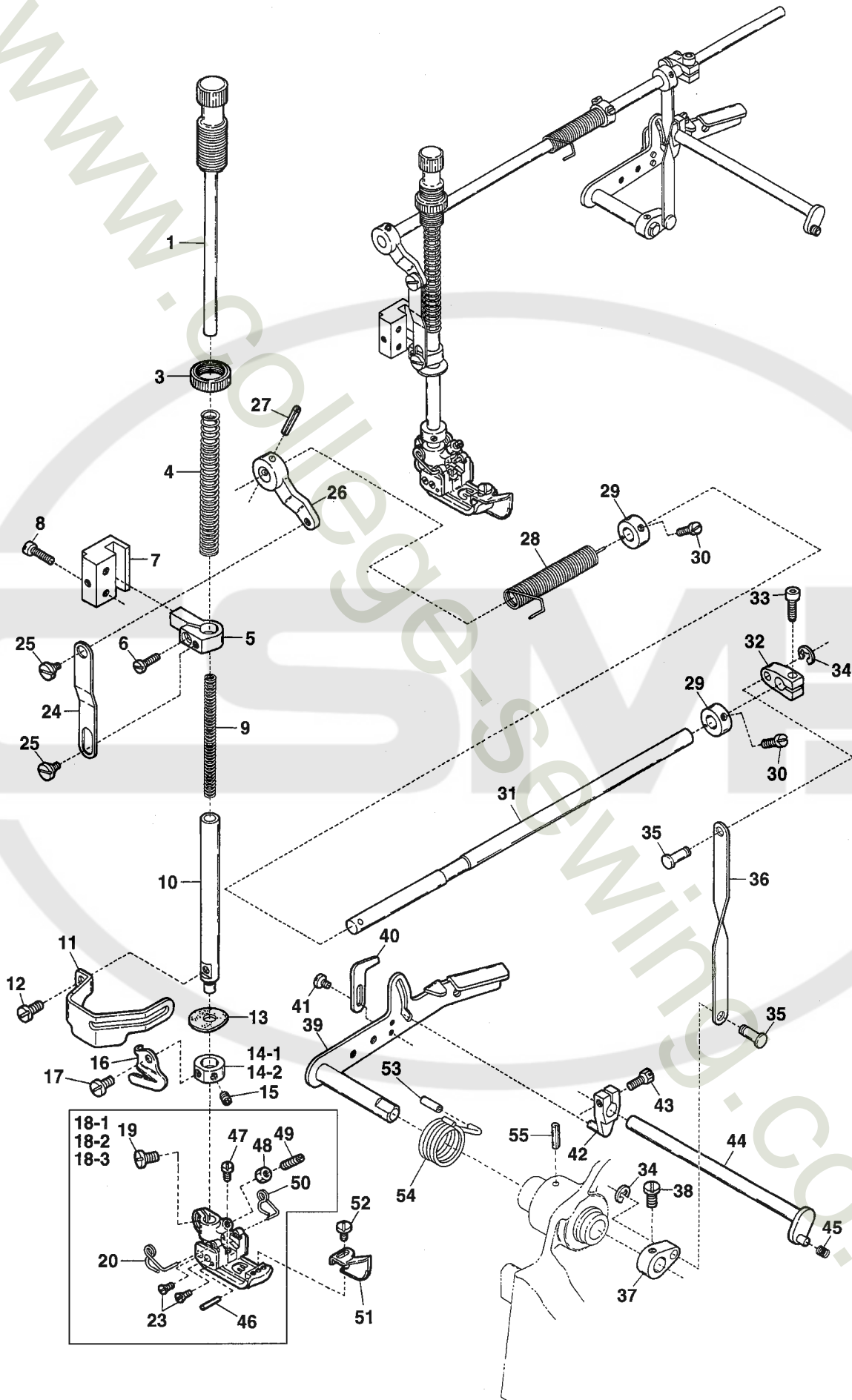


| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|--------------------------------|-------------|----------|
| 1 | 0077270 | Presser Spring Regulator | 押工調節ネジ | 1 |
| 2 | | | | |
| 3 | 000445 | Lock Nut | ロックナット | 1 |
| 4 | 0065372 | Presser Bar Spring(Outer) | 押工棒バネ(太) | 1 |
| 5 | 0063087 | Presser Bar Connecting Bracket | 押工棒抱キ | 1 |
| 6 | 004440 | Screw(11/64-40 × 8.3) | 止ネジ | 1 |
| 7 | 0093483 | Presser Bar Guide | 押工棒案内 | 1 |
| 8 | 004441 | Screw(11/64-40 × 16) | 止ネジ | 2 |
| 9 | 0060142 | Presser Bar Spring(Inner) | 押工棒バネ(細) | 1 |
| 10 | 3100110 | Presser Bar | 押工棒 | 1 |
| 11 | 3100112 | Finger Guard | フィンガガード | 1 |
| 12 | 110002 | Screw(M3-0.5 × 5) | 止ネジ | 1 |
| 13 | 0093611 | Oil Protector Ring | 油切りリング | 1 |
| 14-1 | 3100310 ☆ | Collar(9 × 17 × 7mm) | カラー | 1 |
| 14-2 | 3500360 | Collar(9 × 15 × 7.5mm) | カラー | 1 |
| 15 | 160001 ☆ | Screw(M4-0.7 × 4) | 止ネジ | 2 |
| 16 | 0020271 ☆ | Thread Chain Cutting Knife | チェーンカッタ | 1 |
| 17 | 110054 ☆ | Screw(M3-0.5 × 3.5) | 止ネジ | 1 |
| 18-1 | 3507050 | Presser Foot, Complete Set(48) | 押工(組) | 1 |
| 18-2 | 3507052 | Presser Foot, Complete Set(56) | 押工(組) | 1 |
| 18-3 | 3507054 | Presser Foot, Complete Set(64) | 押工(組) | 1 |
| 19 | 110004 | Screw(M3.5-0.6 × 8) | 止ネジ | 1 |
| 20 | 3107303 | Presser Foot Spring(Left) | 小押工バネ(左) | 1 |
| 21 | | | | |
| 22 | | | | |
| 23 | 130016 | Screw(M2.5-0.45 × 6) | 止ネジ | 4 |
| 24 | 0093487 | Lifter Link | 吊リリンク | 1 |
| 25 | 006038 | Screw(3/16-32 × 2.2) | 止ネジ | 2 |
| 26 | 0063083 | Lifter Link Lever | 吊リリンクレバー | 1 |
| 27 | 000690 | Fastener Pin | 止メピン | 1 |
| 28 | 0063084 | Lifter Spring | 押工揚げバネ | 1 |
| 29 | 0093491 | Collar(8 × 16 × 8mm) | カラー | 2 |
| 30 | 009604 | Screw(11/64-40 × 5.5) | 止ネジ | 4 |
| 31 | 0093479 | Lifter Shaft | 押工揚げ軸 | 1 |
| 32 | 3100294 | Intermediate Lever | 押工揚げ中レバー | 1 |
| 33 | 120017 | Screw(M5-0.8 × 15) | 止ネジ | 1 |
| 34 | 0077179 | Retaining Ring | 止メ輪 | 2 |
| 35 | 0093509 | Connecting Pin | 連結ピン | 2 |
| 36 | 0093507 | Connecting Plate | 連結棒 | 1 |
| 37 | 0093508 | Lifter Lever(Small) | 押工揚げレバー(小) | 1 |
| 38 | 004591 | Screw(15/64-28 × 9.5) | 止ネジ | 1 |
| 39 | 0066560 | Lifter Lever | 押工揚げレバー | 1 |
| 40 | 0066561 | Lifter Lever Stop | 押工揚げレバーストップ | 1 |

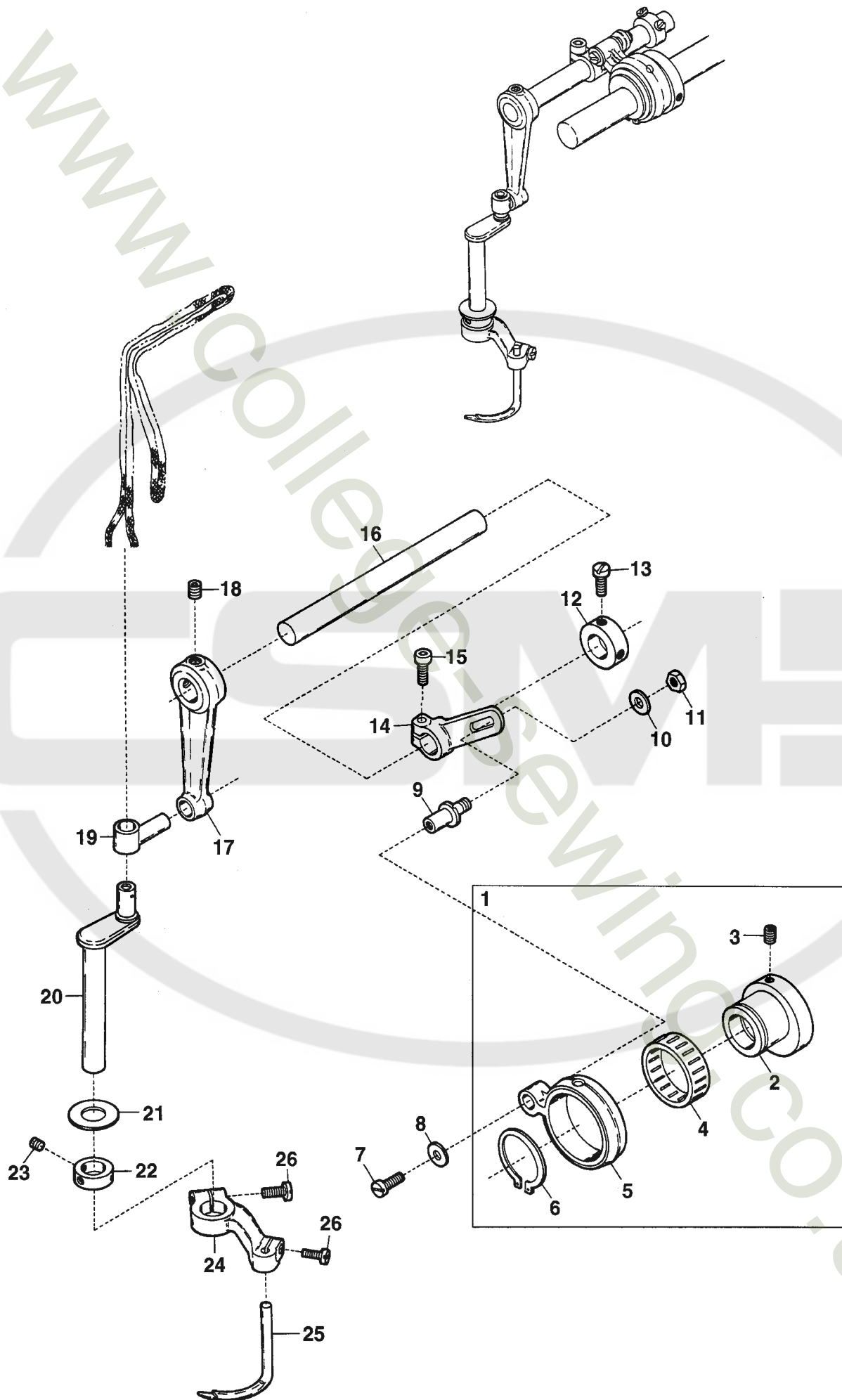
Ref. No. 41 to 55 See the following page.

Note: The parts marked ☆ are equipped without UT device as a standard.

(注) ☆印の部品はUT装置の付かないモデルに標準装備されています。



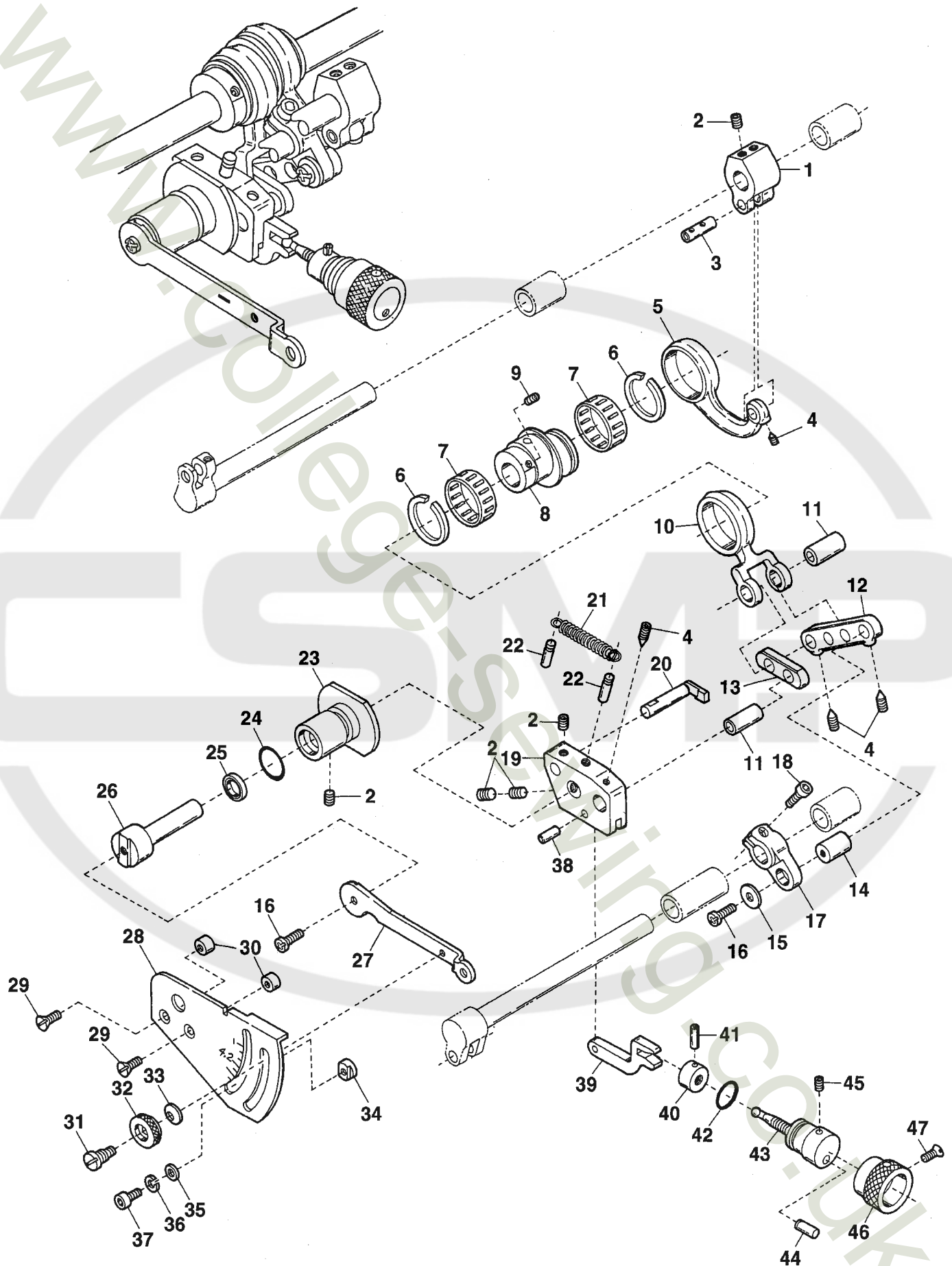
| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|------------------------------|----------|----------|
| 41 | 004358 | Screw(9/64-40 × 5.6) | 止ネジ | 2 |
| 42 | 0090801 | Tension Release Lever | 糸緩メ腕 | 1 |
| 43 | 005542 | Screw(11/64-40 × 14.5) | 止ネジ | 1 |
| 44 | 0093545 | Tension Release Shaft | 糸緩メ軸 | 1 |
| 45 | 0090824 | Swing-proof Spring | 防振バネ | 1 |
| 46 | 3107306 | Presser Foot Hinge Pin | 押エヒンジピン | 1 |
| 47 | 110084 | Screw(M3.5-0.5 × 4.2) | 止ネジ | 1 |
| 48 | 000327 | Lock Nut | ロックナット | 1 |
| 49 | 003302 | Adjusting Screw(1/8-44 × 11) | 調節ネジ | 1 |
| 50 | 3107304 | Presser Foot Spring(Right) | 小押エバネ(右) | 1 |
| 51 | 3107311 | Fabric Guide(Long) | 布ガイド(長) | 1 |
| 52 | 110027 | Screw(M2.5-0.45 × 3.5) | 止ネジ | 1 |
| 53 | 3500305 | Cap | キャップ | 1 |
| 54 | 3160168 | Lifter Spring | 押工揚げバネ | 1 |
| 55 | 340014 | Roll Pin(3 × 12mm) | ロールピン | 1 |



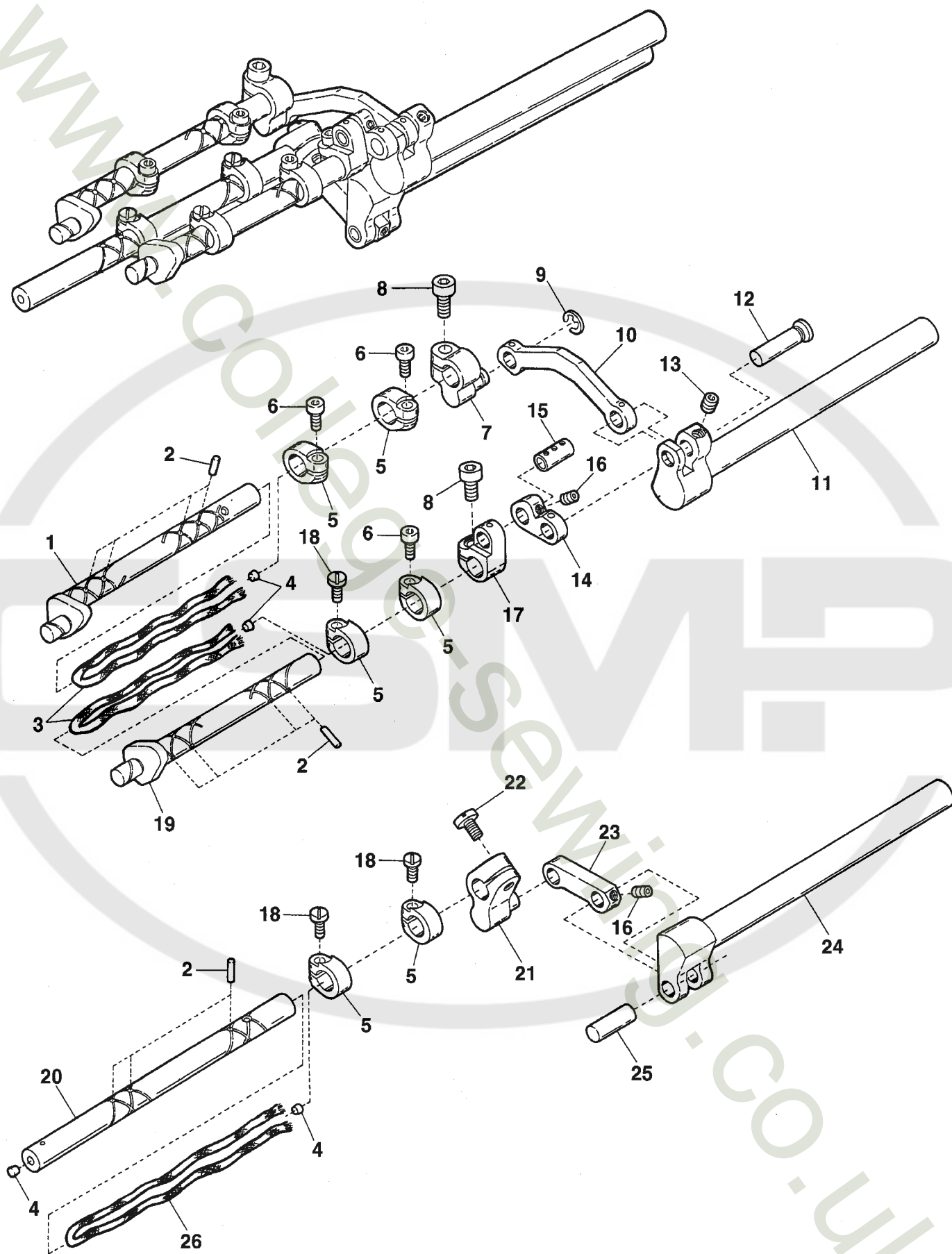
| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-------------------|------------------------------|-----------|----------|
| 1 | 3100302 | Connecting Rod, Complete Set | ルーパロッド(組) | 1 |
| 2 | 3100300 | Eccentric | ルーパエキセン | 1 |
| 3 | 160003 | Screw(M5-0.8 × 5) | 止ネジ | 2 |
| 4 | 0077322 | Roller Bearing | ニードルベアリング | 1 |
| 5 | 3100301 | Connecting Rod | ルーパロッド | 1 |
| 6 | 0094566 | Retaining Ring | 止メ輪 | 1 |
| 7 | 110009 | Screw(M4-0.7 × 8) | 止ネジ | 1 |
| 8 | 300006 | Washer | ワッシャ | 1 |
| 9 | 3100309 | Adjusting Lever Pin | 調節レバーピン | 1 |
| 10 | 000528 | Washer | ワッシャ | 1 |
| 11 | 100003 | Nut | ナット | 1 |
| 12 | 0032646 | Collar(12 × 20 × 8mm) | カラー | 1 |
| 13 | 009604 | Screw(11/64-40 × 5.5) | 止ネジ | 2 |
| 14 | 3100303 | Adjusting Lever | 調節レバー | 1 |
| 15 | 120013 | Screw(M6-1 × 15) | 止ネジ | 1 |
| 16 | 3100304 | Driving Shaft | ルーパ軸 | 1 |
| 17 | 3100305 | Rocking Arm | ルーパ振り腕 | 1 |
| 18 | 160007 | Screw(M6-1 × 6) | 止ネジ | 2 |
| 19 | 0063051 | Rocking Pin | ルーパ振りピン | 1 |
| 20 | 0063053 | Spreader Bar | ルーパ棒 | 1 |
| 21 | 0063056 | Bushing Ring | ブッシュリング | 1 |
| 22 | 0063057 | Collar(10 × 18 × 7mm) | カラー | 1 |
| 23 | 009526 | Screw(9/64-40 × 4.4) | 止ネジ | 2 |
| 24 | 3100307 | Spreader Holder | 飾り系ルーパ台 | 1 |
| 25 | 3509320 [3109310] | Spreader | 飾り系ルーパ | 1 |
| 26 | 110031 | Screw(M4-0.7 × 12) | 止ネジ | 2 |



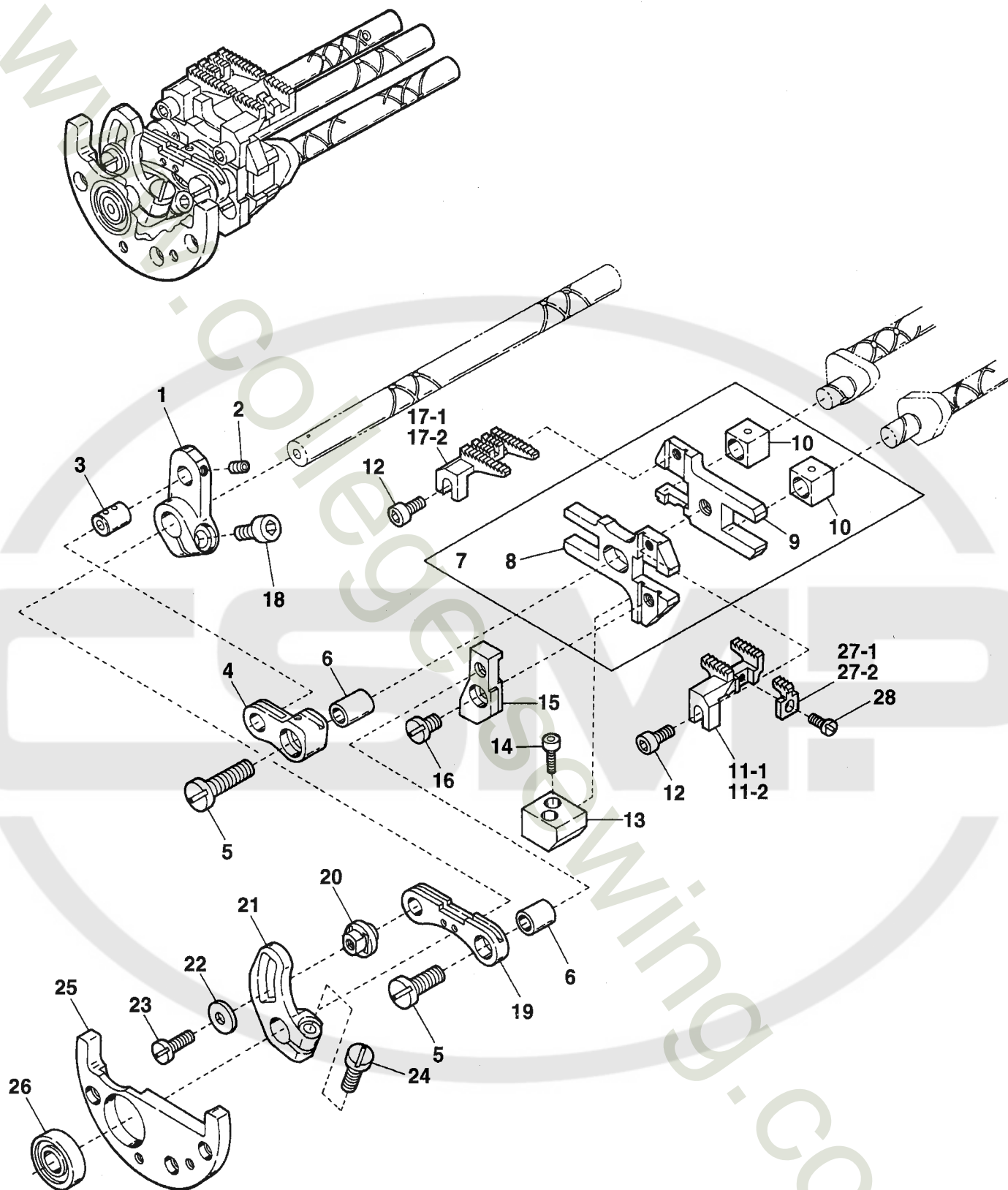
| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-------------------|--------------------------------------|-------------|----------|
| 1-1 | 3109300 | Looper | ルーパ | 1 |
| 1-2 | 3109302 | Looper(3 Needles 48) | ルーパ(3本針 48) | 1 |
| 2 | 160040 [110020] | Screw(M4-0.7 × 5)[M3.5-0.6 × 6] | 止ネジ | 1 |
| 3 | 3150170 [3151003] | Looper Holder | ルーパ台 | 1 |
| 4 | 110039 | Screw(M3.5-0.6 × 10) | 止ネジ | 1 |
| 5 | 300500 | Spacer(Fiber) | スペーサ(ファイバ) | 2 |
| 6 | 3100205 | O-ring(P12) | Oリング | 1 |
| 7 | 3150060 | Looper Bar Bushing | ルーパ棒ブッシュ | 1 |
| 8 | 160024 | Screw(M6-1 × 8) | 止ネジ | 2 |
| 9 | 3100156 | Bushing Spacer | ブッシュスペーサ | 1 |
| 10 | 3100152 | Looper Bar Guide | ルーパ棒ガイド | 1 |
| 11 | 3100157 | Slider | スライダ | 1 |
| 12 | 3100158 | Slider Holder | スライダ取付台 | 1 |
| 13 | 110005 | Screw(M3.5-0.6 × 12) | 止ネジ | 1 |
| 14 | | | | |
| 15 | 3100159 | Slider Presser | スライダ押シ | 1 |
| 16 | 160001 | Screw(M4-0.7 × 4) | 止ネジ | 1 |
| 17 | 3100160 | Thrust Washer | スラストワッシャ | 1 |
| 18 | 330002 | Seal Plug(Cork) | 詰栓(コルク) | 1 |
| 19 | 3100161 | Looper Bar | ルーパ棒 | 1 |
| 20 | 3100153 | Guide Shaft Bushing | ガイド軸ブッシュ | 1 |
| 21 | 3100155 | Looper Bar Guide Shaft | ガイド軸 | 1 |
| 22 | 110019 | Screw(M5-0.8 × 35) | 止ネジ | 1 |
| 23 | 300000 | Washer | ワッシャ | 2 |
| 24 | 3100151 | Looper Rocker Adjusting Pin | ルーパ前後調節ピン | 1 |
| 25 | 340001 | Roll Pin | ロールピン | 1 |
| 26 | 100002 | Nut | ナット | 1 |
| 27 | 3100150 | Looper Rocker Connecting Rod, C. Set | ルーパ前後ロッド(組) | 1 |
| 28 | 3100147 | Looper Rocker Regulating Eccentric | ルーパ前後エキセン | 1 |
| 29 | 160003 | Screw(M5-0.8 × 5) | 止ネジ | 1 |
| 30 | 0065389 | Roller Bearing | ニードルベアリング | 1 |
| 31 | 3100149 | Looper Rocker Connecting Rod | ルーパ前後ロッド | 1 |
| 32 | 3100140 | Looper Connecting Rod | ルーパロッド | 1 |
| 33 | 005071 | Screw(11/64-32 × 14) | 止ネジ | 4 |
| 34 | 3100355 | Oil Splasher | オイルスプラッシャ | 1 |
| 35 | 3100141 | Guide Fork | 振レ止メ | 1 |
| 36 | 004440 | Screw(11/64-40 × 8.3) | 止ネジ | 2 |
| 37 | 3100142 | Looper Driving Lever | ルーパ軸腕 | 1 |
| 38 | 000637 | Seal Plug | 詰栓 | 1 |
| 39 | 3100143 | Looper Rocker Arm | ルーパ振り腕 | 1 |
| 40 | 120011 | Screw(M6-1 × 18) | 止ネジ | 1 |
| 41 | 3100146 | Thrust Plate | スラストプレート | 3 |
| 42 | 3100145 | Thrust Roller Bearing | スラストベアリング | 2 |
| 43 | 3100144 | Looper Shaft | ルーパ軸 | 1 |
| 44 | 000740 | Seal Plug | 詰栓 | 2 |
| 45 | 160029 [160024] | Screw(M8-1.25 × 8)[M6-1 × 8] | 止ネジ | 2 |
| 46 | 001123 | Washer | ワッシャ | 2 |



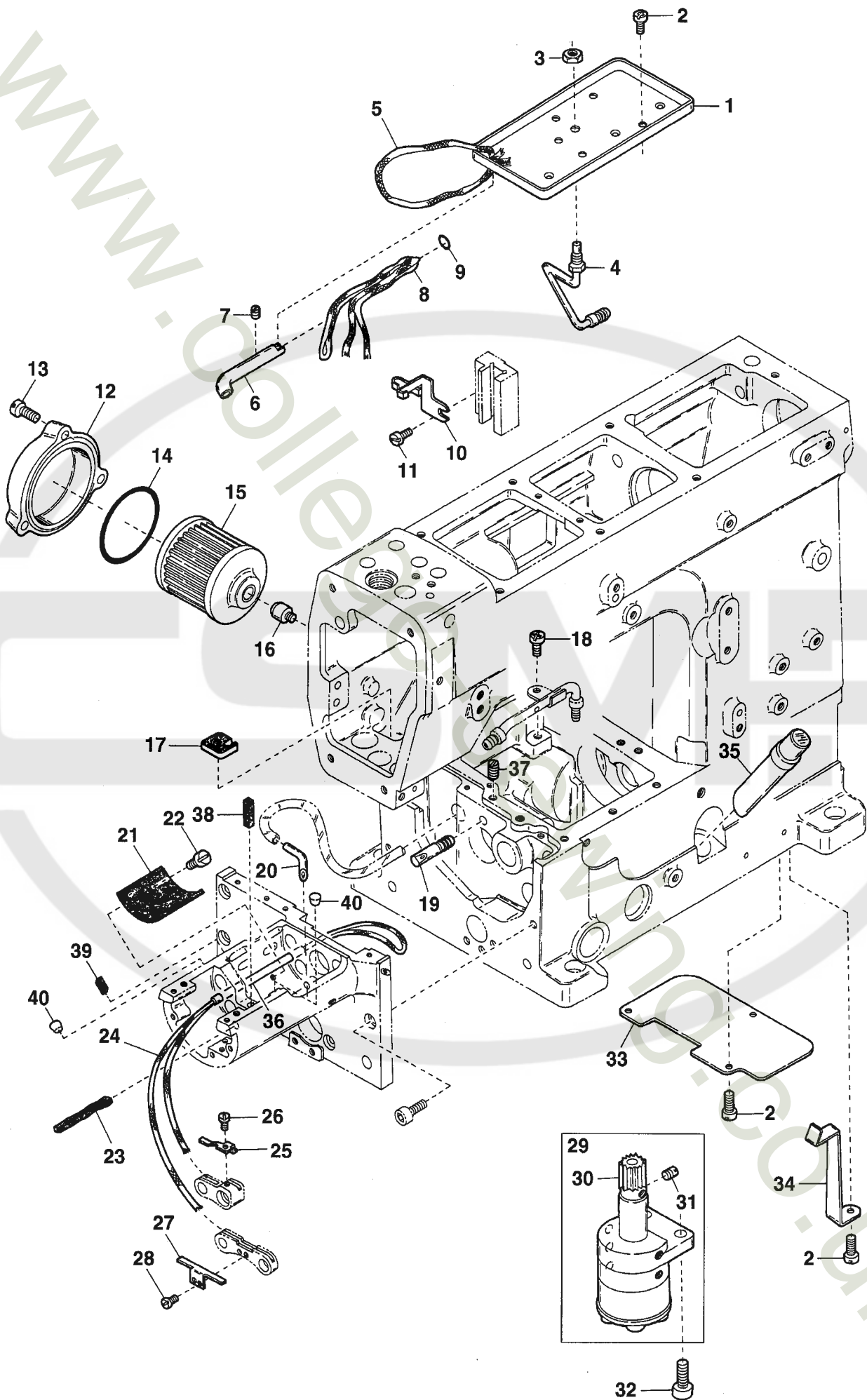
| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|--|-------------|----------|
| 1 | 3100217 | Feed Lift Lever | 送り上下軸腕 | 1 |
| 2 | 160007 | Screw(M6-1 × 6) | 止ネジ | 6 |
| 3 | 0032799 | Connecting Rod Pin | ロッドピン | 1 |
| 4 | 160002 | Screw(M4-0.7 × 2) | 止ネジ | 4 |
| 5 | 3150040 | Feed Lift Connecting Rod | 送り上下ロッド | 1 |
| 6 | 3100192 | Retaining Ring | 止メ輪 | 2 |
| 7 | 3100190 | Roller Bearing | ニードルベアリング | 2 |
| 8 | 3100189 | Feed Eccentric | 送りエキセン | 1 |
| 9 | 006212 | Screw(M5-0.8 × 6) | 止ネジ | 2 |
| 10 | 3100191 | Feed Connecting Rod | 送りロッド | 1 |
| 11 | 3100193 | Connecting Rod Pin | ロッドピン | 2 |
| 12 | 3100194 | Lever Link(Long) | 送りレバーリンク(長) | 1 |
| 13 | 3100195 | Lever Link(Short) | 送りレバーリンク(短) | 1 |
| 14 | 3100196 | Lever Link Pin | 送りレバーリンクピン | 1 |
| 15 | 300006 | Washer | ワッシャ | 1 |
| 16 | 110013 | [110009] Screw(M4-0.7 × 8)[M4-0.7 × 8] | 止ネジ | 2 |
| 17 | 3100197 | Feed Shaft Lever | 送り軸レバー | 1 |
| 18 | 120009 | Screw(M4-0.7 × 12) | 止ネジ | 1 |
| 19 | 3100199 | Control Bracket | 送り調節ブラケット | 1 |
| 20 | 3100202 | Connecting Rod Guide | 送りロッドガイド | 1 |
| 21 | 3100200 | Control Bracket Spring | ブラケットバネ | 1 |
| 22 | 340003 | Pin | ピン | 2 |
| 23 | 3100103 | Control Lever Shaft Bushing | 調節レバー軸ブッシュ | 1 |
| 24 | 3100104 | O-ring(P16) | Oリング | 1 |
| 25 | 0093303 | Oil Seal | オイルシール | 1 |
| 26 | 3150068 | Control Lever Shaft | 送り調節レバー軸 | 1 |
| 27 | 3100210 | Feed Control Lever | 送り調節レバー | 1 |
| 28 | 3150157 | Feed Graduations | 送り目盛板 | 1 |
| 29 | 130004 | Screw(M4-0.7 × 11) | 止ネジ | 2 |
| 30 | 000505 | Spacer | スペーサ | 2 |
| 31 | 190004 | Screw(M6-1 × 7.5, M4.5-0.5 × 3) | 止ネジ | 1 |
| 32 | 100005 | Nut | ナット | 1 |
| 33 | 000561 | Conical Spring Washer | 皿バネワッシャ | 1 |
| 34 | 0020350 | Control Lever Stop | 送り調節レバーストップ | 1 |
| 35 | 000669 | Washer | ワッシャ | 1 |
| 36 | 000600 | Spring Washer | スプリングワッシャ | 1 |
| 37 | 005049 | Screw(M5-0.8 × 8) | 止ネジ | 1 |
| 38 | 3100211 | Control Link Pin | 送り調節リンクピン | 1 |
| 39 | 3100203 | Control Link | 送り調節リンク | 1 |
| 40 | 3100208 | Control Nut | 送り調節ナット | 1 |
| 41 | 001107 | Roll Pin | ロールピン | 1 |
| 42 | 3100205 | O-ring(P12) | Oリング | 1 |
| 43 | 3100204 | Adjusting Screw | 調節ネジ | 1 |
| 44 | 3100207 | Adjusting Stop Pin | ストップピン | 1 |
| 45 | 160001 | Screw(M4-0.7 × 4) | 止ネジ | 1 |
| 46 | 3100206 | Adjusting Knob | 調節ツマミ | 1 |
| 47 | 130011 | Screw(M3-0.5 × 4) | 止ネジ | 1 |



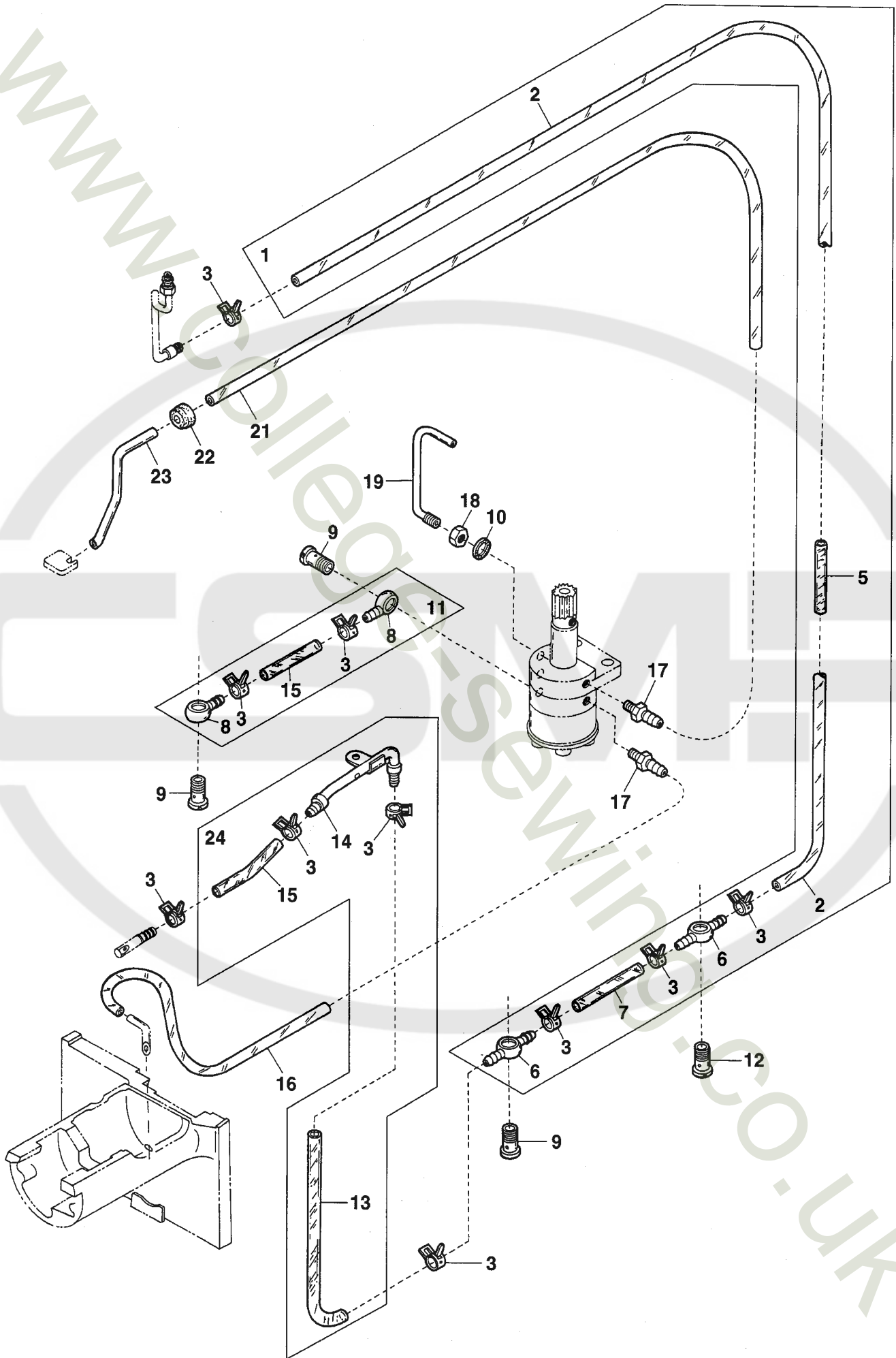
| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|--|--------------|----------|
| 1 | 3150034 | Feed Lift Shaft(Rear) | 送り上下軸(後) | 1 |
| 2 | 000397 | Oil Wick | 油芯 | 11 |
| 3 | 310035 | Oil Wick(2-165mm) | 油芯 | 2 |
| 4 | 330009 | Seal Plug | 詰栓 | 4 |
| 5 | 3150030 | Collar(8 × 12 × 6mm) | カラー | 6 |
| 6 | 120047 | Screw(M3-0.5 × 8) | 止ネジ | 3 |
| 7 | 3150032 | Feed Lift Lever(Rear) | 送り上下軸腕(後) | 1 |
| 8 | 120018 | Screw(M4-0.7 × 10) | 止ネジ | 2 |
| 9 | 0033024 | Retaining Ring | ストップリング | 1 |
| 10 | 3150031 | Feed Lift Connecting Link(Right) | 送り上下リンク(右) | 1 |
| 11 | 3150022 | Feed Lift Shaft | 送り上下軸 | 1 |
| 12 | 3150024 | Feed Lift Connecting Link Pin(Front) | 送り上下リンクピン(前) | 1 |
| 13 | 003657 | Screw(M4-0.7 × 3) | 止ネジ | 1 |
| 14 | 3150025 | Feed Lift Connecting Link(Left) | 送り上下リンク(左) | 1 |
| 15 | 2100620 | Feed Lift Connecting Link Pin(Left) | 送り上下リンクピン(左) | 1 |
| 16 | 160000 | Screw(M4-0.5 × 3) | 止ネジ | 2 |
| 17 | 3150027 | Feed Lift Lever(Left) | 送り上下軸腕(左) | 1 |
| 18 | 110022 | Screw(M3-0.5 × 10) | 止ネジ | 3 |
| 19 | 3150028 | Feed Lift Shaft(Front) | 送り上下軸(前) | 1 |
| 20 | 3150048 | Feed Rocker Shaft(Left) | 送り前後軸(左) | 1 |
| 21 | 3150047 | Feed Rocker Lever(Rear) | 送り前後腕(後) | 1 |
| 22 | 120008 | Screw(M4-0.7 × 8) | 止ネジ | 1 |
| 23 | 3150045 | Feed Rocker Connecting Link | 送り前後リンク | 1 |
| 24 | 3150041 | Feed Rocker Shaft(Right) | 送り前後軸(右) | 1 |
| 25 | 3150043 | Feed Rocker Connecting Link Pin(Front) | 送り前後リンクピン(前) | 1 |
| 26 | 310078 | Oil Wick(2-260mm) | 油芯 | 1 |



| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|--|------------|----------|
| 1 | 3150051 | Main Feed Rocker Lever | 後送り前後腕 | 1 |
| 2 | 160000 | Screw(M4-0.5 × 3) | 止ネジ | 1 |
| 3 | 3150052 | Driving Connection Pin | 送りリンクピン | 1 |
| 4 | 3150053 | Main Feed Bar Driving Connection | 後送り前後リンク | 1 |
| 5 | 110092 | Screw(M5-0.8 × 14.5) | 止ネジ | 2 |
| 6 | 3150054 | Driving Connection Bushing | 送りリンクブッシュ | 2 |
| 7 | 3150184 | Feed Bar/Lift Block, C. Set | 送り台角駒(組) | 1 |
| 8 | 3150187 | Differential Feed Bar | 前送り台 | 1 |
| 9 | 3150186 | Main Feed Bar | 後送り台 | 1 |
| 10 | 3150062 | Feed Lift Block | 角駒 | 2 |
| 11-1 | 3159044 | Differential Feed Dog(48L) | 前送り | 1 |
| 11-2 | 3159043 | Differential Feed Dog(56L, 64L) | 前送り | 1 |
| 12 | 120047 | Screw(M3-0.5 × 8) | 止ネジ | 2 |
| 13 | 3150067 | Feed Bar Guide | 送り台ガイド | 1 |
| 14 | 120007 | Screw(M3-0.5 × 10) | 止ネジ | 2 |
| 15 | 3150066 | Feed Bar Plate | 送り台補助板 | 1 |
| 16 | 007627 | Screw(M4-0.7 × 6) | 止ネジ | 1 |
| 17-1 | 3159038 | Main Feed Dog(48L) | 後送り | 1 |
| 17-2 | 3159037 | Main Feed Dog(56L, 64L) | 後送り | 1 |
| 18 | 120018 | Screw(M4-0.7 × 10) | 止ネジ | 1 |
| 19 | 3150057 | Differential Feed Bar Driving Connection | 前送り前後リンク | 1 |
| 20 | 3150056 | Differential Feed Adjusting Pin | 前送り前後調節ピン | 1 |
| 21 | 3150055 | Differential Feed Rocker Lever | 前送り前後腕 | 1 |
| 22 | 300048 | Washer | ワッシャ | 1 |
| 23 | 110004 | Screw(M3.5-0.6 × 8) | 止ネジ | 1 |
| 24 | 110035 | Screw(M4-0.7 × 10) | 止ネジ | 1 |
| 25 | 3150098 | Bearing Housing | ベアリングハウジング | 1 |
| 26 | 3150059 | Ball Bearing | ボールベアリング | 1 |
| 27-1 | 3159013 | Differential Feed Dog(Middle)(48L) | 中送り | 1 |
| 27-2 | 3159012 | Differential Feed Dog(Middle)(56L, 64L) | 中送り | 1 |
| 28 | 110038 | Screw(M2.5-0.45 × 4.5) | 止ネジ | 1 |

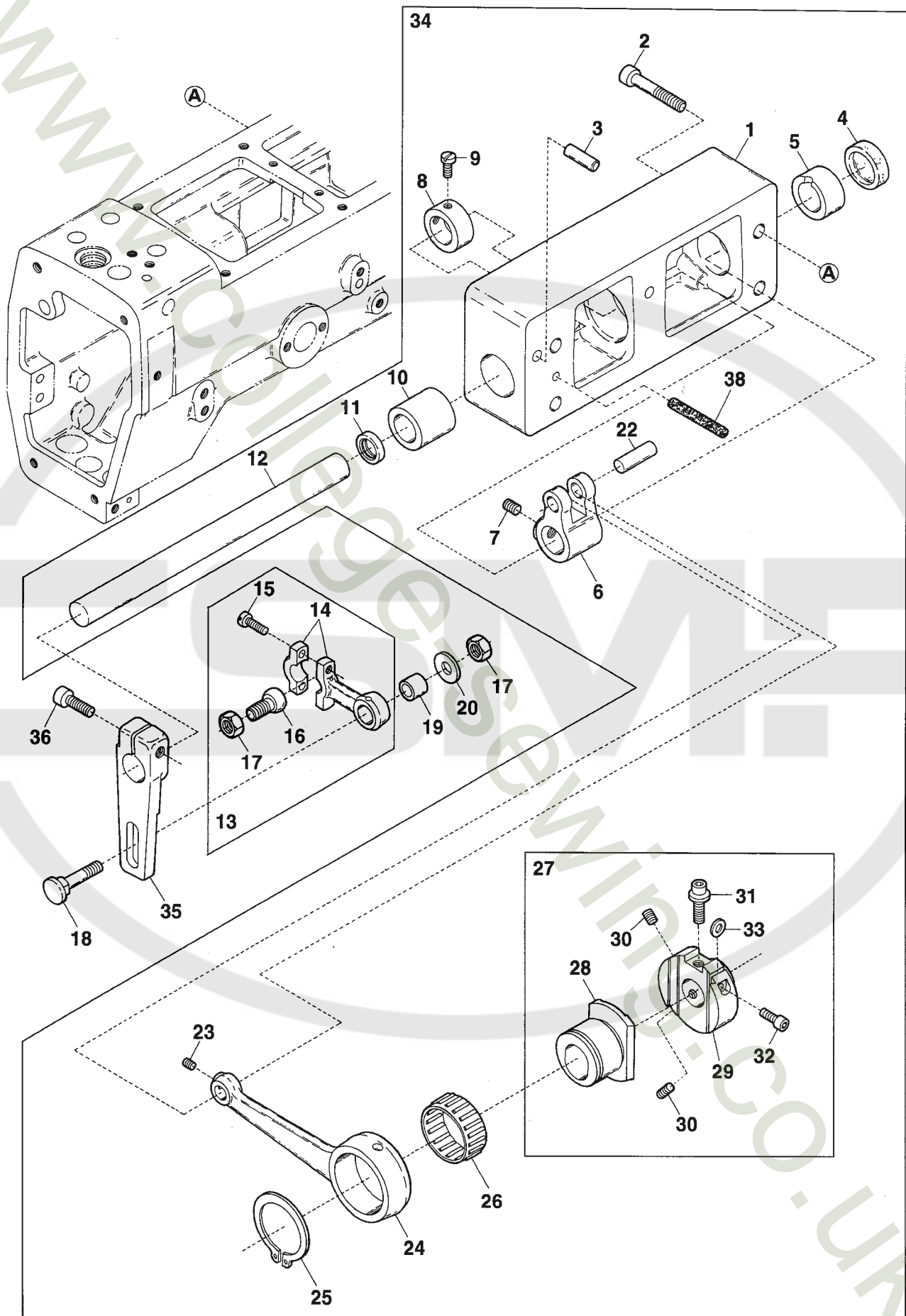


| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------------|------------------------------------|--------------|----------|
| 1 | 0065453 | Oil Receiver | 油受ケ皿 | 1 |
| 2 | 110012 | Screw(M4-0.7 × 5) | 止ネジ | 6 |
| 3 | 000234 | Nut | ナット | 1 |
| 4 | 3100353 | Oil Sight Top Nozzle | ノズル | 1 |
| 5 | 310026 | Oil Wick | 油芯(4号 150mm) | 1 |
| 6 | 3100350 | Needle Bar Connecting Rod Oil Pipe | ロッド給油パイプ | 1 |
| 7 | 160023 | Screw(M4-0.7 × 4) | 止ネジ | 1 |
| 8 | 310027 | Oil Wick | 油芯(4号 530mm) | 1 |
| 9 | 0020551 | O-ring(P5) | Oリング | 1 |
| 10 | 3100346 | Oil Wick Holder | 針棒ロッド油芯支エ | 1 |
| 11 | 004353 | Screw(9/64-40 × 7) | 止ネジ | 1 |
| 12 | 3100060 | Oil Filter Cap | オイルフィルタキャップ | 1 |
| 13 | 110045 | Screw(M4-0.7 × 12) | 止ネジ | 3 |
| 14 | 3100061 | O-ring(P42) | Oリング | 1 |
| 15 | 3100345 | Oil Filter | オイルフィルタ | 1 |
| 16 | 3100329 | Oil Filter Connector | オイルフィルタ継手 | 1 |
| 17 | 3200237 | Felt | フェルト | 1 |
| 18 | 110013 | Screw(M4-0.7 × 8) | 止ネジ | 1 |
| 19 | 3150138 | Lower Shaft Oiling Outlet | 下軸給油管 | 1 |
| 20 | 3150156 | Suction Pipe | 吸入パイプ | 1 |
| 21 | 3150142 | Cylinder Felt | シリンダフェルト | 1 |
| 22 | 110054 | Screw(M3-0.5 × 3.5) | 止ネジ | 2 |
| 23 | 000304 | Felt(2.5 × 3 × 60) | フェルト | 1 |
| 24 | 310077 | Oil Wick | 油芯(2号 500mm) | 1 |
| 25 | 3150077 | Oil Wick Clamp(Short) | 油芯押エ(短) | 1 |
| 26 | 110027 | Screw(M2.5-0.45 × 3.5) | 止ネジ | 1 |
| 27 | 3150078 | Oil Wick Presser(Long) | 油芯押エ(長) | 1 |
| 28 | 110023 | Screw(M2-0.4 × 3.5) | 止ネジ | 2 |
| 29 | 3150143 | Oil Pump, Complete Set | ポンプ(組) | 1 |
| 30 | 0030711 | Oil Pump Driving Worm Gear | ウォームギア | 1 |
| 31 | 160001 | Screw(M4-0.7 × 4) | 止ネジ | 3 |
| 32 | 120011 [120013] | Screw(M6-1 × 18)[M6-1 × 15] | 止ネジ | 2 |
| 33 | 3150155 | Dust Proof Plate | 防塵板 | 1 |
| 34 | 3100330 | Oil Tube Stay | オイルパイプ支エ | 1 |
| 35 | 3150189 | Oil Sight Gauge | オイルゲージ | 1 |
| 36 | 3150154 | Pipe | 油芯パイプ | 1 |
| 37 | 009736 | Screw(M4-0.7 × 6) | 止ネジ | 1 |
| 38 | 310047 | Felt(2.3 × 2.3 × 11.5) | フェルト | 1 |
| 39 | 310054 | Felt(2.3 × 2.3 × 6) | フェルト | 1 |
| 40 | 330009 | Seal Plug | 詰栓 | 2 |



| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|--------------------------------|-------------|----------|
| 1 | 3100357 | Oil Tube(Long), Complete Set | 給油パイプ(長)(組) | 1 |
| 2 | 3100372 | Oil Tube(4 × 6 × 290mm) | オイルパイプ | 1 |
| 3 | 0031831 | Oil Tube Clamp | 緊束環 | 10 |
| 4 | | | | |
| 5 | 3100392 | Oil Tube(2.5 × 4 × 35mm) | オイルパイプ | 1 |
| 6 | 3100371 | Oil Tube Joint, Two Way | 両口管継手 | 2 |
| 7 | 3100332 | Oil Tube(4 × 6 × 37mm) | オイルパイプ | 1 |
| 8 | 3100370 | Oil Tube Joint, One Way | 片口管継手 | 2 |
| 9 | 320008 | Fitting Stud(Short) | 管継手ボルト(短) | 3 |
| 10 | 000567 | Seal | パッキン | 1 |
| 11 | 3100356 | Oil Tube(Short), Complete Set | 給油パイプ(短)(組) | 1 |
| 12 | 320008 | Fitting Stud(Short) | 管継手ボルト(短) | 1 |
| 13 | 3100334 | Oil Tube(4 × 6 × 110mm) | オイルパイプ | 1 |
| 14 | 3100343 | Lower Shaft Oiling Shower | 下軸給油シャワ | 1 |
| 15 | 3100331 | Oil Tube(4 × 6 × 31mm) | オイルパイプ | 2 |
| 16 | 3150159 | Oil Tube(3 × 5 × 450mm) | オイルパイプ | 1 |
| 17 | 0010017 | Pipe Joint | パイプ継手 | 2 |
| 18 | 100014 | Nut | ナット | 1 |
| 19 | 3150151 | Oil Nozzle for Worm Gear(Long) | 給油パイプ(長) | 1 |
| 20 | | | | |
| 21 | 3200238 | Oil Tube(3 × 5 × 440mm) | オイルパイプ | 1 |
| 22 | 0093617 | Suction Pipe Bushing | 吸入パイプブッシュ | 1 |
| 23 | 3200236 | Suction Pipe | 吸入パイプ | 1 |
| 24 | 3100358 | Oil Tube(Middle), C. Set | 給油パイプ(中)(組) | 1 |

PULLER MECHANISM(1)



| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|---|----------------|----------|
| 1 | 3100625 | Upper Feed Roller Shaft Bracket | 上ローラ軸ブラケット | 1 |
| 2 | 120019 | Screw(M6-1 × 18) | 止ネジ | 4 |
| 3 | 000779 | Knock Pin | ノックピン | 2 |
| 4 | 3100006 | Seal Plug | 詰栓 | 1 |
| 5 | 3100607 | Roller Shaft Bushing(Right) | 上ローラ軸ブッシュ(右) | 1 |
| 6 | 3100604 | Upper Feed Roller Shaft Lever | 上ローラ軸腕 | 1 |
| 7 | 160007 | Screw(M6-1 × 6) | 止ネジ | 2 |
| 8 | 0065398 | Collar(14 × 22 × 10mm) | カラー | 1 |
| 9 | 009604 | Screw(11/64-40 × 5.5) | 止ネジ | 2 |
| 10 | 3100626 | Roller Shaft Bushing(Left) | 上ローラ軸ブッシュ(左) | 1 |
| 11 | 0065395 | Oil Seal | オイルシール | 1 |
| 12 | 3100605 | Upper Feed Roller Shaft | 上ローラ軸 | 1 |
| 13 | 3100633 | Upper Feed Roller Lever Rod, C. Set | 上ローラレバースタッド(組) | 1 |
| 14 | 0065400 | Upper Feed Roller Lever Rod | 上ローラレバースタッド | 1 |
| 15 | 001174 | Screw(9/64-40 × 10.3) | 止ネジ | 2 |
| 16 | 0060109 | Ball Stud | 上ローラレバースタッド球 | 1 |
| 17 | 000306 | Nut | ナット | 2 |
| 18 | 0065401 | Upper Feed Roller Lever Pin | 上ローラレバーピン | 1 |
| 19 | 0065402 | Upper Feed Roller Lever Rod Sleeve | レバースタッドスリーブ | 1 |
| 20 | 000613 | Washer | ワッシャー | 1 |
| 21 | | | | |
| 22 | 0032921 | Upper Feed Roller Driving Rod Pin | 上ローラロッドピン | 1 |
| 23 | 160001 | Screw(M4-0.7 × 4) | 止ネジ | 1 |
| 24 | 3100602 | Upper Feed Roller Driving Rod | 上ローラロッド | 1 |
| 25 | 3100192 | Retaining Ring | ストップリング | 1 |
| 26 | 3100623 | Roller Bearing | ニードルベアリング | 1 |
| 27 | 3100603 | Upper Feed Roller Regulator, C. Set | 上ローラ調節器(組) | 1 |
| 28 | 3100601 | Upper Feed Roller Eccentric | 上ローラエキセン | 1 |
| 29 | 3100600 | Upper Feed Roller Regulator | 上ローラ調節器 | 1 |
| 30 | 160003 | Screw(M5-0.8 × 5) | 止ネジ | 2 |
| 31 | 190007 | Adjusting Screw(M5-0.8 × 6) | 調節ネジ | 1 |
| 32 | 120008 | Screw(M4-0.7 × 8) | 止ネジ | 1 |
| 33 | 300045 | Spacer | スペーサ | 1 |
| 34 | 3100636 | Upper Feed Roller Shaft Bracket, C. Set | 上ローラ軸ブラケット(組) | 1 |
| 35 | 3100608 | Upper Feed Roller Lever | 上ローラレバー | 1 |
| 36 | 120012 | Screw(M6-1 × 20) | 止ネジ | 1 |
| 37 | | | | |
| 38 | 310063 | Oil Wick | 油芯 | 1 |

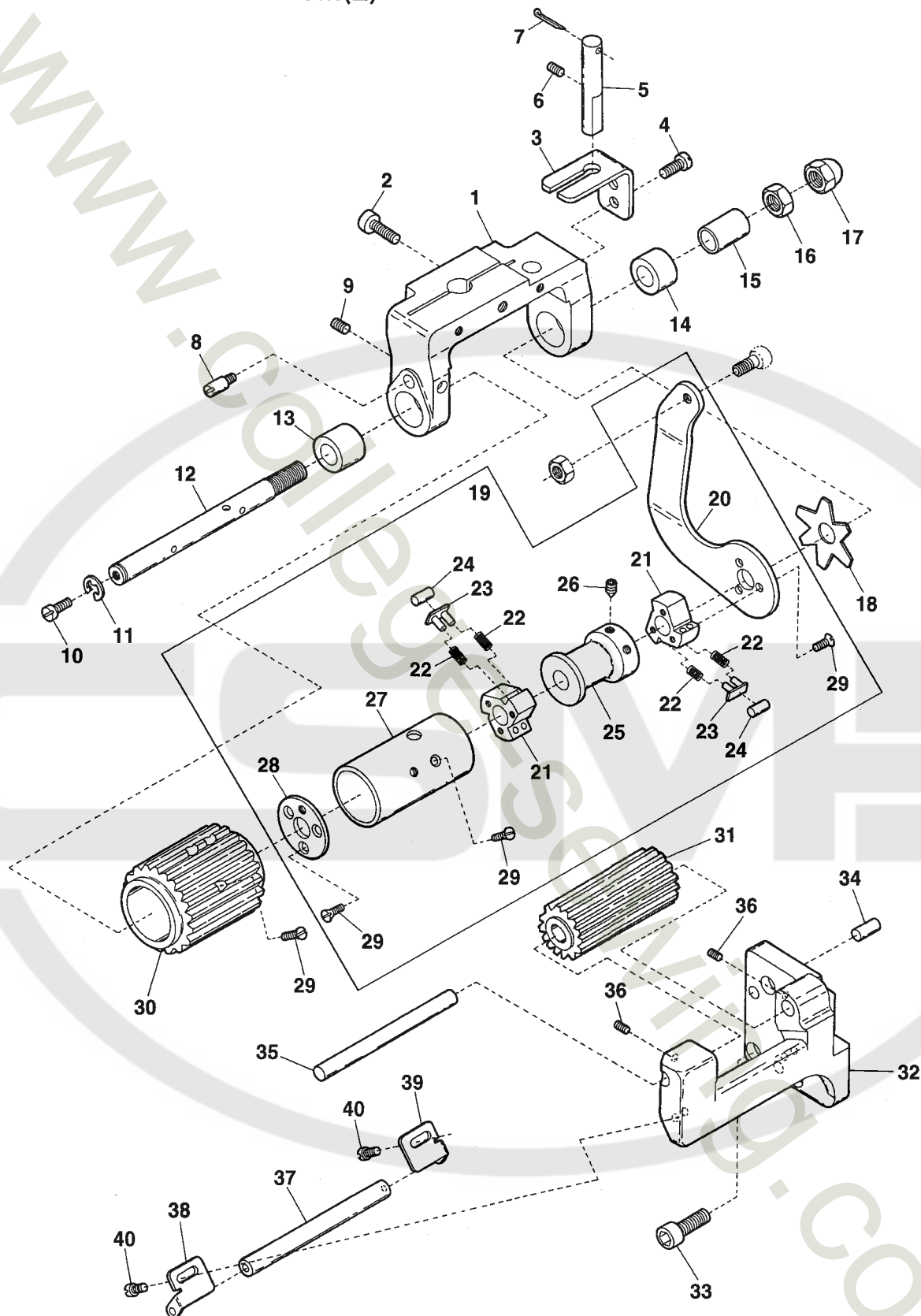
Puller Mechanism, C. Set(rubber roller)3151045 = page 18 + page 19(except for No. 30, 31) + page 20

Puller Mechanism, C. Set(gear roller 30 teeth × 19 teeth)3151046 = page 18 + page 19(except for No. 41, 42) + page 20

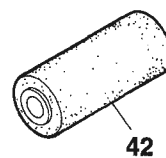
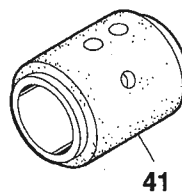
プラー機構(組)(ゴムローラ)3151045=18ページ+19ページ(No.30, 31以外)+20ページ

プラー機構(組)(ギアローラ 30 山× 19 山)3151046=18ページ+ 19ページ(No.41, 42以外)+ 20ページ

PULLER MECHANISM(2)

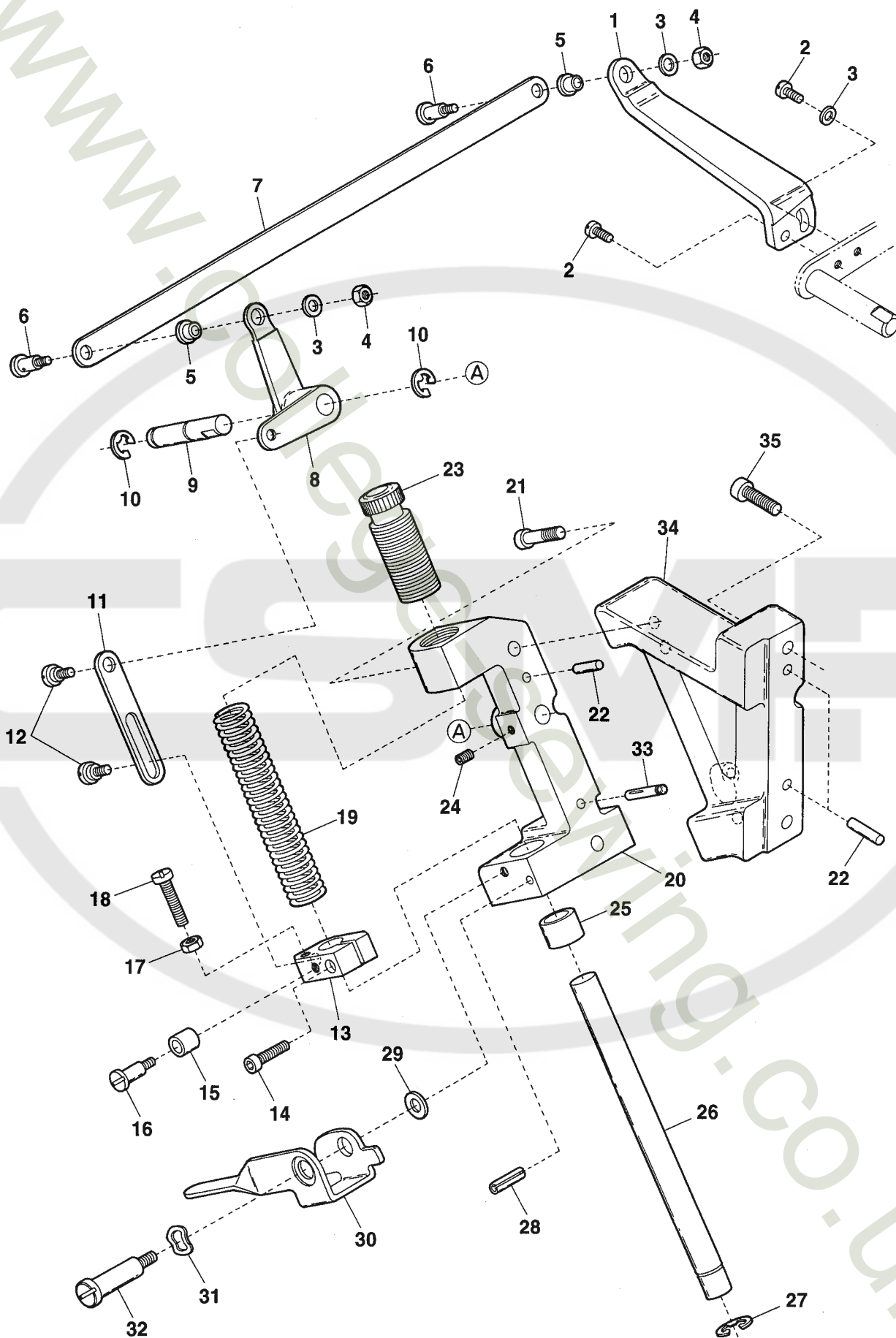


RUBBER ROLLER



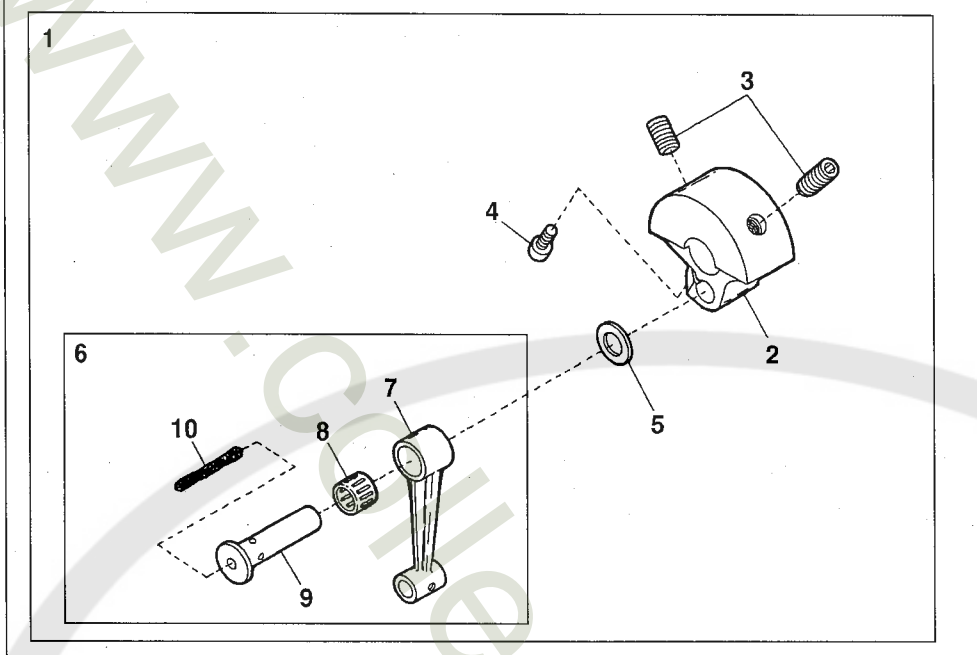
| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-------------------|-------------------------------------|---------------|----------|
| 1 | 3100611 | Upper Feed Roller Yoke | 上ローラヨーク | 1 |
| 2 | 120012 | Screw(M6-1 × 20) | 止ネジ | 1 |
| 3 | 3100612 | Upper Feed Roller Yoke Guide | 上ローラヨークガイド | 1 |
| 4 | 120008 [110009] | Screw(M4-0.7 × 8) | 止ネジ | 2 |
| 5 | 3100613 | Upper Feed Roller Yoke Pin | 上ローラヨークピン | 1 |
| 6 | 003662 | Screw(M6-1 × 6) | 止ネジ | 1 |
| 7 | 0090620 | Cotter Pin | 割リピン | 1 |
| 8 | 006270 | Screw(9/64-40 × 0.5) | 止ネジ | 1 |
| 9 | 160001 | Screw(M4-0.7 × 4) | 止ネジ | 2 |
| 10 | 110011 | Screw(M5-0.8 × 10) | 止ネジ | 1 |
| 11 | 0060056 | Retaining Ring | ストップリング | 1 |
| 12 | 3100617 | Clutch Driving Shaft | クラッチ軸 | 1 |
| 13 | 3100616 | Clutch Driving Shaft Bushing(Left) | クラッチ軸ブッシュ(左) | 1 |
| 14 | 0065414 | Clutch Driving Shaft Bushing(Right) | クラッチ軸ブッシュ(右) | 1 |
| 15 | 0065421 | Clutch Tension Sleeve | クラッチテンションスリーブ | 1 |
| 16 | 000145 | Nut | ナット | 1 |
| 17 | 100068 | Domed Cap Nut(M8-1.25) | 袋ナット | 1 |
| 18 | 3501282 [0065420] | Clutch Tension Spring | クラッチテンションバネ | 1 |
| 19 | 3150232 | Clutch, Complete Set | クラッチ(組) | 1 |
| 20 | 3150233 | Clutch Driving Lever | クラッチ板(右) | 1 |
| 21 | 0095061 | Clutch | クラッチ | 2 |
| 22 | 3201277 | Clutch Spring | クラッチバネ | 12 |
| 23 | 0095066 | Clutch Spring Seat | クラッチバネ座 | 6 |
| 24 | 0065417 | Clutch Roller | クラッチローラ | 6 |
| 25 | 3100618 | Clutch Spacer | クラッチスペーサ | 1 |
| 26 | 160005 | Screw(M6-1 × 8) | 止ネジ | 1 |
| 27 | 0065415 | Clutch Sleeve | クラッチスリーブ | 1 |
| 28 | 0065418 | Clutch Check Plate | クラッチ板(左) | 1 |
| 29 | 007621 | Screw(9/64-40 × 8.5) | 止ネジ | 12 |
| 30 | 0066567 | Upper Feed Roller | 上ローラ | 1 |
| 31 | 0067028 | Lower Feed Roller | 下ローラ | 1 |
| 32 | 3150235 | Lower Feed Roller Support | 下ローラサポート | 1 |
| 33 | 009752 | Screw(M6-1 × 12) | 止ネジ | 3 |
| 34 | 3150163 | Knock Pin(Φ6 × 14mm) | ノックピン | 2 |
| 35 | 3100622 | Lower Feed Roller Shaft | 下ローラ軸 | 1 |
| 36 | 150001 | Screw(M4-0.7 × 4) | 止ネジ | 2 |
| 37 | 3150236 | Supplementary Roller | 補助ローラ | 1 |
| 38 | 0065436 | Supplementary Roller Stay(A) | 補助ローラ支エ(A) | 1 |
| 39 | 0065437 | Supplementary Roller Stay(B) | 補助ローラ支エ(B) | 1 |
| 40 | 110020 | Screw(M3.5-0.6 × 6) | 止ネジ | 4 |

PULLER MECHANISM(3)

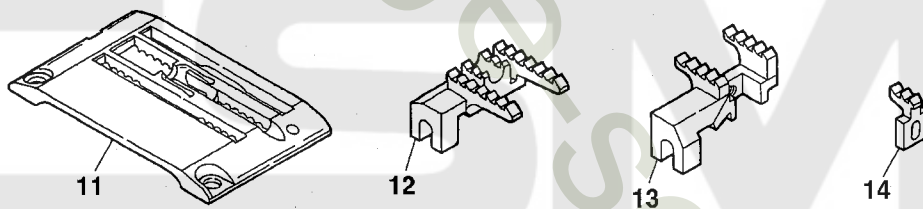


| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|---------------------------------|----------------|----------|
| 1 | 3150240 | Upper Feed Roller Lifter(Right) | 上ローラ揚ゲ(右) | 1 |
| 2 | 009150 | Screw(11/64-40 × 11) | 止ネジ | 2 |
| 3 | 000538 | Washer | ワッシャ | 3 |
| 4 | 000334 | Nut | ナット | 2 |
| 5 | 0034979 | Flexible Wire Clamp Bushing | ワイヤ止メブッシュ | 2 |
| 6 | 006075 | Screw(11/64-40 × 6) | 止ネジ | 2 |
| 7 | 0067126 | Lifter Connecting Plate | 上ローラ揚ゲ連結板 | 1 |
| 8 | 0065374 | Upper Feed Roller Lifter(Left) | 上ローラ揚ゲ(左) | 1 |
| 9 | 0065375 | Upper Feed Roller Lifter Pin | 上ローラ揚ゲピン | 1 |
| 10 | 0095027 | Retaining Ring | ストップリング | 2 |
| 11 | 0065376 | Lifter Connecting Plate | 上ローラ吊リ | 1 |
| 12 | 006038 | Screw(3/16-32 × 2.2) | 止ネジ | 2 |
| 13 | 0065407 | Roller Press Bar Bracket | 上ローラ押エ棒抱キ | 1 |
| 14 | 005650 | Screw(M5-0.8 × 14) | 止ネジ | 1 |
| 15 | 0065402 | Lifter Lever Sleeve | 上ローラレバースリーブ | 1 |
| 16 | 006411 | Screw(11/64-40 × 5.5) | 止ネジ | 1 |
| 17 | 000340 | Nut | ロックナット | 1 |
| 18 | 009931 | Stop Screw(11/64-40 × 26) | ストッパネジ | 1 |
| 19 | 3100614 | Roller Press Spring | 上ローラ押エバネ | 1 |
| 20 | 3100610 | Upper Feed Roller Bracket | 上ローラブラケット | 1 |
| 21 | 009753 | Screw(M6-1 × 35) | 止ネジ | 2 |
| 22 | 000779 | Knock Pin(Φ5 × 10mm) | ノックピン | 3 |
| 23 | 0065405 | Roller Press Bar Bushing(Upper) | 上ローラ押エ棒ブッシュ(上) | 1 |
| 24 | 160007 | Screw(M6-1 × 6) | 止ネジ | 1 |
| 25 | 3100609 | Roller Press Bar Bushing(Lower) | 上ローラ押エ棒ブッシュ(下) | 1 |
| 26 | 0065404 | Upper Feed Roller Press Bar | 上ローラ押エ棒 | 1 |
| 27 | 0034117 | Retaining Ring | ストップリング | 1 |
| 28 | 000690 | Stop Pin | ストップピン | 1 |
| 29 | 000613 | Washer | ワッシャ | 1 |
| 30 | 0067111 | Upper Feed Roller Lifting Lever | 手揚げ | 1 |
| 31 | 000487 | Wave Washer | 波形ワッシャ | 1 |
| 32 | 170008 | Screw(M6-1 × 9) | 止ネジ | 1 |
| 33 | 340003 | Knock Pin(Φ5 × 20mm) | ノックピン | 1 |
| 34 | 3150230 | Puller Bracket | プラーブラケット | 1 |
| 35 | 120012 | Screw(M6-1 × 20) | 止ネジ | 2 |

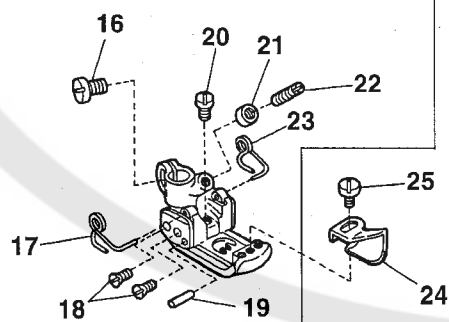
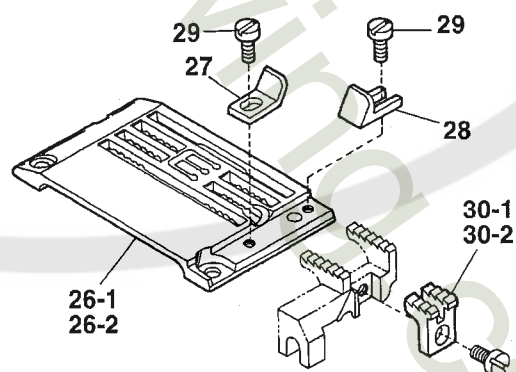
VE2713-156S-1-K4N



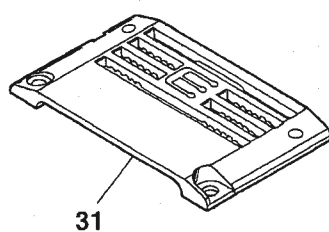
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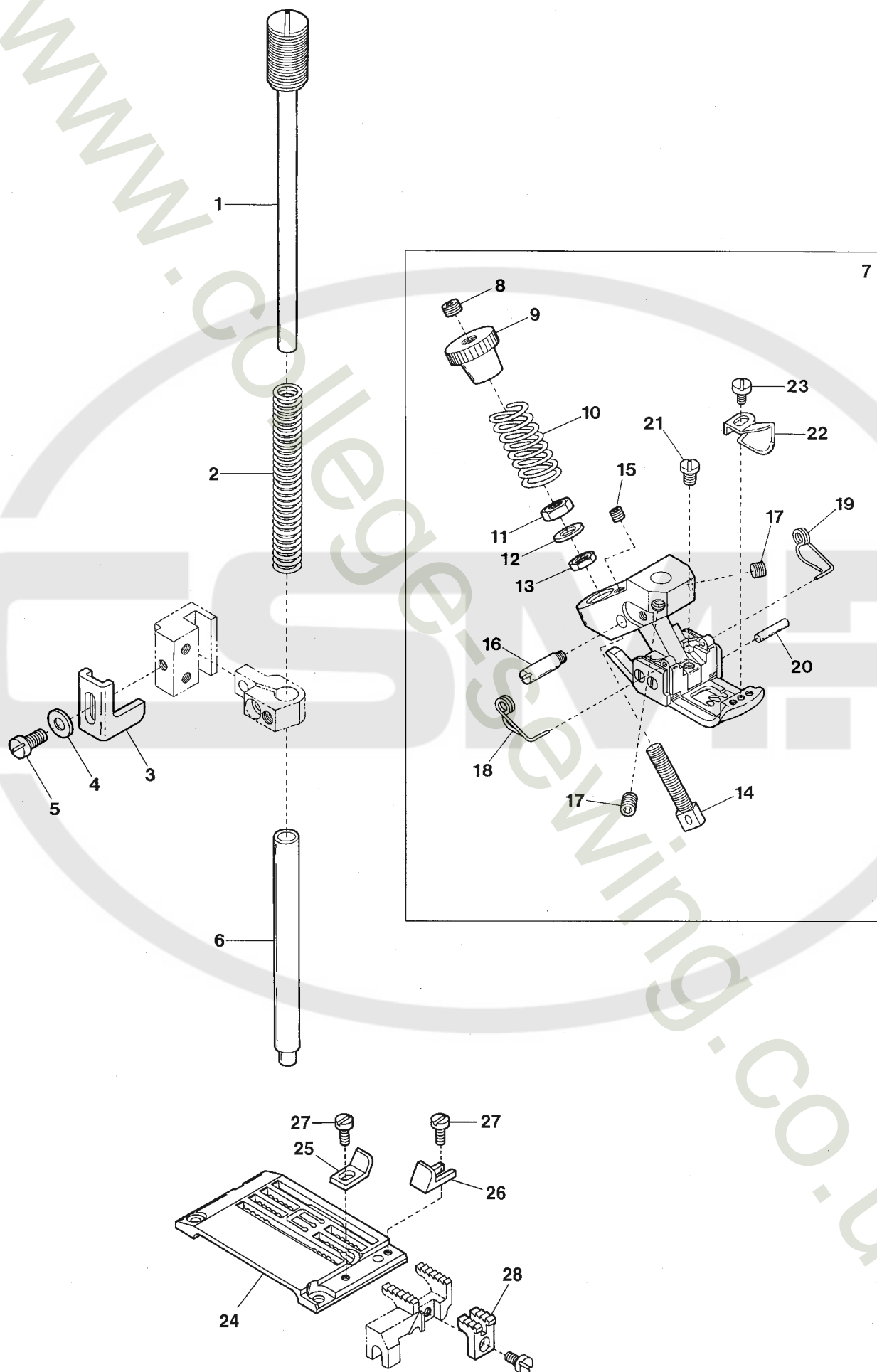
15

VE2713-148S-2-K4N
VE2713-156S-2-K4N

EXTRA PARTS

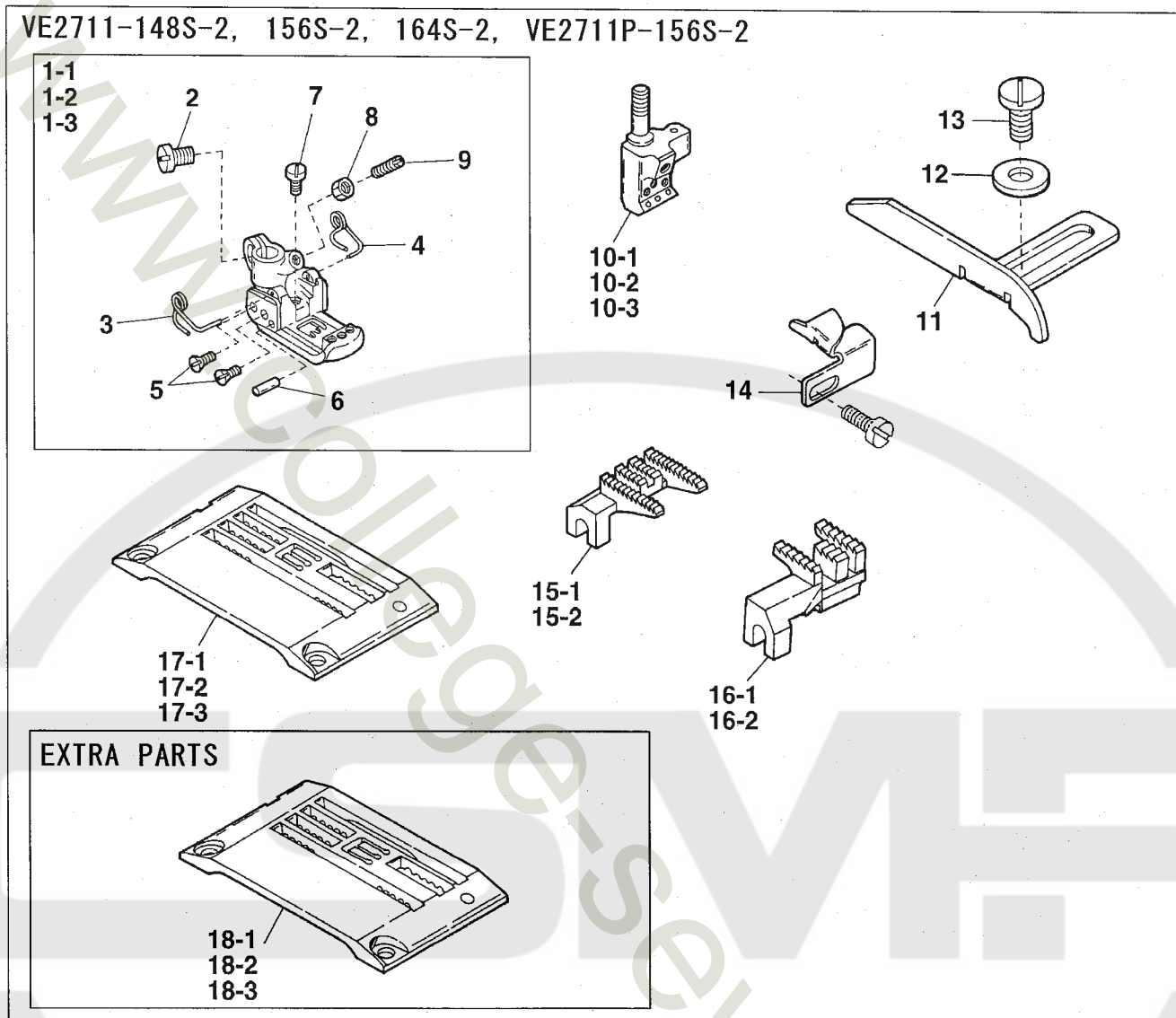


| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|--|----------------|----------|
| 1 | 3100361 | Counterweight, Complete Set | バランスウエイト(組) | 1 |
| 2 | 3200101 | Counterweight(31mm) | バランスウエイト | 1 |
| 3 | 260000 | Screw(5/16-24 × 15.88) | 止ネジ | 2 |
| 4 | 120015 | Screw(M5-0.8 × 10) | 止ネジ | 1 |
| 5 | 0093214 | Connecting Rod Ring | 針棒ロッドリング | 1 |
| 6 | 3100362 | Connecting Rod, C. Set | 針棒ロッド(組) | 1 |
| 7 | 3100290 | Connecting Rod | 針棒ロッド | 1 |
| 8 | 0093212 | Roller Bearing | ニードルベアリング | 1 |
| 9 | 3100363 | Connecting Rod Pin | 針棒ロッドピン | 1 |
| 10 | 000321 | Oil Wick(3 × 3 × 36mm) | 油芯 | 1 |
| 11 | 3158088 | Stitch Plate(56L-2-T2A) | 針板 | 1 |
| 12 | 3159048 | Main Feed Dog(P=2.5mm) | 後送り(ピッチ 2.5mm) | 1 |
| 13 | 3159046 | Differential Feed Dog(P=2.5mm) | 前送り(ピッチ 2.5mm) | 1 |
| 14 | 3159014 | Differential Feed Dog(Middle)(P=2.5mm) | 中送り(ピッチ 2.5mm) | 1 |
| 15 | 3507056 | Presser Foot, C. Set(56) | 押エ(組) | 1 |
| 16 | 110004 | Screw(M3.5-0.6 × 8) | 止ネジ | 1 |
| 17 | 3107157 | Presser Foot Spring(Left) | 小押エバネ(左) | 1 |
| 18 | 130016 | Screw(M2.5-0.45 × 6) | 止ネジ | 4 |
| 19 | 3107306 | Presser Foot Hinge Pin | 押エヒンジピン | 1 |
| 20 | 110084 | Screw(M3-0.5 × 4.2) | 止ネジ | 1 |
| 21 | 000327 | Lock Nut | ロックナット | 1 |
| 22 | 003302 | Adjusting Screw(1/8-44 × 11) | 調節ネジ | 1 |
| 23 | 3107158 | Presser Foot Spring(Right) | 小押エバネ(右) | 1 |
| 24 | 3107311 | Fabric Guide(Long) | 布ガイド(長) | 1 |
| 25 | 110027 | Screw(M2.5-0.45 × 3.5) | 止ネジ | 1 |
| 26-1 | 3508093 | Stitch Plate(48S-2-K4N) | 針板 | 1 |
| 26-2 | 3158094 | Stitch Plate(56S-2-K4N) | 針板 | 1 |
| 27 | 3101320 | Fabric Guide(Left) | 布ガイド(左) | 1 |
| 28 | 3101321 | Fabric Guide(Right) | 布ガイド(右) | 1 |
| 29 | 001228 | Screw(3/32-56 × 3.2) | 止ネジ | 2 |
| 30-1 | 3159020 | Differential Feed Dog(Middle)(48S) | 中送り | 1 |
| 30-2 | 3159019 | Differential Feed Dog(Middle)(56S) | 中送り | 1 |
| 31 | 3158099 ◆ | Stitch Plate(56S-2-K4N)(Extra) | 針板(特注部品) | 1 |

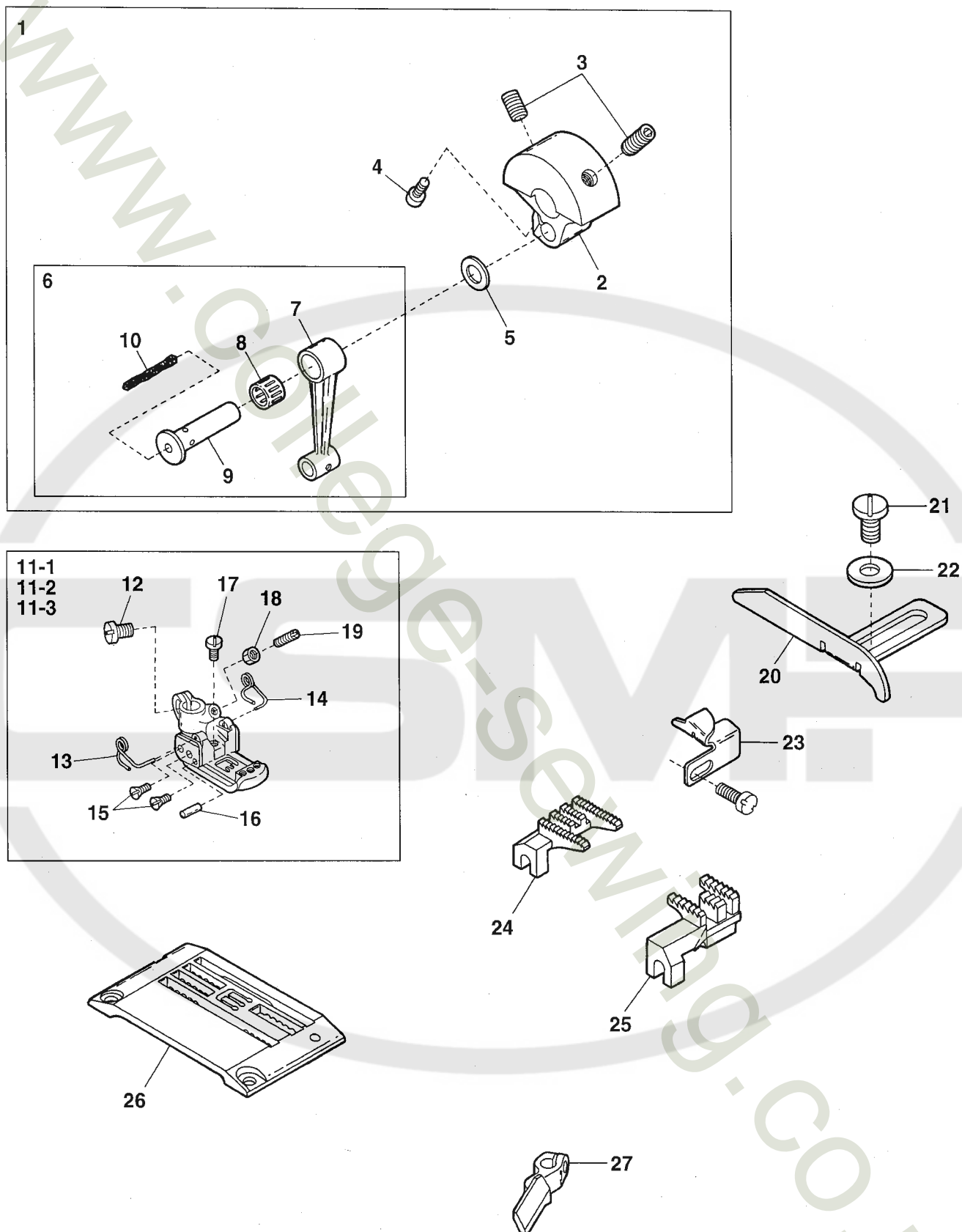


| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|------------------------------------|-------------|----------|
| 1 | 3500297 | Presser Spring Regulator | 押エ調節ネジ | 1 |
| 2 | 3200132 | Presser Bar Spring(Outer) | 押エ棒バネ(太) | 1 |
| 3 | 3101315 | Presser Bar Stopper | 押エ棒ストッパ | 1 |
| 4 | 000538 | Washer | ワッシャ | 1 |
| 5 | 004440 | Screw(11/64-40 × 8.3) | 止ネジ | 1 |
| 6 | 0093480 | Presser Bar | 押エ棒 | 1 |
| 7 | 3507074 | Walking Foot, C. Set(56) | ウォーキング押エ(組) | 1 |
| 8 | 160001 | Screw(M4-0.7 × 4) | 止ネジ | 1 |
| 9 | 100052 | Nut | ナット | 1 |
| 10 | 3207148 | Presser Foot Spring | 押エバネ | 1 |
| 11 | 100020 | Nut | ナット | 1 |
| 12 | 000665 | Washer | ワッシャ | 1 |
| 13 | 100057 | Nut | ナット | 1 |
| 14 | 3207146 | Adjusting Screw | 調節ネジ | 1 |
| 15 | 160025 | Screw(M3-0.5 × 6) | 止ネジ | 1 |
| 16 | 0060270 | Yoke Pin | 押エヨークピン | 1 |
| 17 | 160001 | Screw(M4-0.7 × 4) | 止ネジ | 2 |
| 18 | 3107303 | Presser Foot Spring(Left) | 小押エバネ(左) | 1 |
| 19 | 3107304 | Presser Foot Spring(Right) | 小押エバネ(右) | 1 |
| 20 | 3107306 | Presser Foot Hinge Pin | 押エヒンジピン | 1 |
| 21 | 110084 | Screw(M3-0.5 × 4.2) | 止ネジ | 1 |
| 22 | 3107311 | Fabric Guide | 布ガイド | 1 |
| 23 | 110027 | Screw(M2.5-0.45 × 3.5) | 止ネジ | 1 |
| 24 | 3158094 | Stitch Plate(56S-2-K4N) | 針板 | 1 |
| 25 | 3101320 | Fabric Guide(Left) | 布ガイド(左) | 1 |
| 26 | 3101321 | Fabric Guide(Right) | 布ガイド(右) | 1 |
| 27 | 001228 | Screw(3/32-56 × 3.2) | 止ネジ | 2 |
| 28 | 3159019 | Differential Feed Dog(Middle)(56S) | 中送り | 1 |

VE2711-148S-2, 156S-2, 164S-2, VE2711P-156S-2

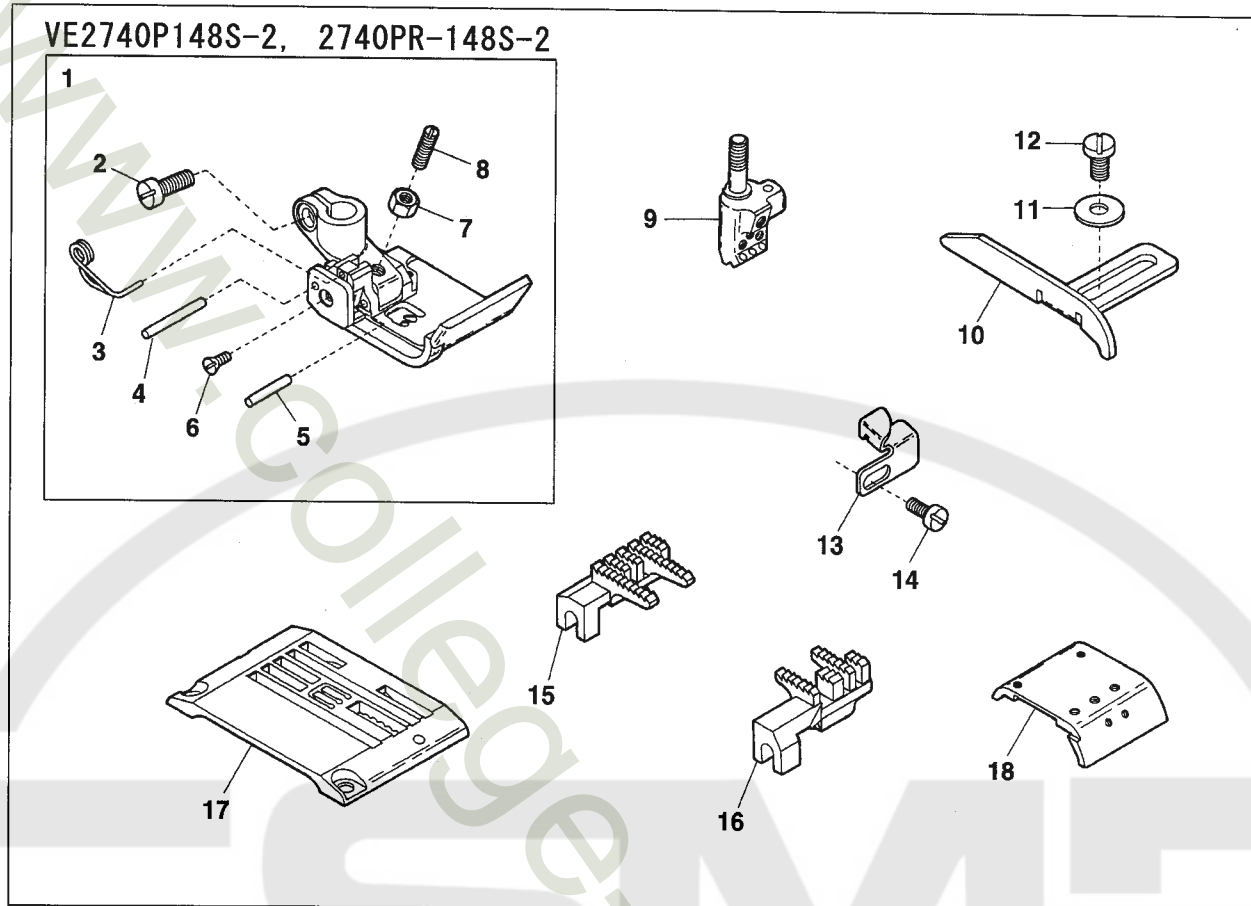


| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-------------------|--------------------------------|-----------|----------|
| 1-1 | 3507050 [3107050] | Presser Foot, C. Set(48) | 押エ(組) | 1 |
| 1-2 | 3507052 [0064041] | Presser Foot, C. Set(56) | 押エ(組) | 1 |
| 1-3 | 3507054 [0064042] | Presser Foot, C. Set(64) | 押エ(組) | 1 |
| 2 | 110004 ◆ | Screw(M3.5-0.6 × 8) | 止ネジ | 1 |
| 3 | 3107303 | Presser Foot Spring(Left) | 小押エバネ(左) | 1 |
| 4 | 3107304 | Presser Foot Spring(Right) | 小押エバネ(右) | 1 |
| 5 | 130016 ◆ | Screw(M2.5-0.45 × 6) | 止ネジ | 4 |
| 6 | 3107306 ◆ | Presser Foot Hinge Pin(56, 64) | 押エヒンジピン | 1 |
| 7 | 110084 ◆ | Screw(M3.5-0.5 × 4.2) | 止ネジ | 1 |
| 8 | 000327 ◆ | Lock Nut | ロックナット | 1 |
| 9 | 260006 ◆ | Adjusting Screw(1/8-44 × 9.5) | 調節ネジ | 1 |
| 10-1 | 0093356 | Needle Clamp(48) | 針止メ | 1 |
| 10-2 | 0093357 | Needle Clamp(56) | 針止メ | 1 |
| 10-3 | 0093358 | Needle Clamp(64) | 針止メ | 1 |
| 11 | 3150165 | Fabric Edge Guide(Right) | 裾引キガイド(右) | 1 |
| 12 | 000538 | Washer | ワッシャ | 2 |
| 13 | 007627 | Screw(M4-0.7 × 6) | 止ネジ | 2 |
| 14 | 3150166 | Fabric Edge Guide(Left) | 裾引キガイド(左) | 1 |
| 15-1 | 3159038 | Main Feed Dog(48) | 後送り | 1 |
| 15-2 | 3159037 | Main Feed Dog(56, 64) | 後送り | 1 |
| 16-1 | 3159041 | Differential Feed Dog(48) | 前送り | 1 |
| 16-2 | 3159040 | Differential Feed Dog(56, 64) | 前送り | 1 |
| 17-1 | 3158064 | Stitch Plate(48S-2) | 針板 | 1 |
| 17-2 | 3158065 | Stitch Plate(56S-2) | 針板 | 1 |
| 17-3 | 3158066 | Stitch Plate(64S-2) | 針板 | 1 |
| 18-1 | 3158069 | Stitch Plate(48L-2) | 針板 | 1 |
| 18-2 | 3158070 | Stitch Plate(56L-2) | 針板 | 1 |
| 18-3 | 3158071 | Stitch Plate(64L-2) | 針板 | 1 |



| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-------------------|--------------------------------|-------------|----------|
| 1 | 3100361 | Counterweight, Complete Set | バランスウエイト(組) | 1 |
| 2 | 3200101 | Counterweight(31mm) | バランスウエイト | 1 |
| 3 | 260000 | Screw(5/16-24 × 15.88) | 止ネジ | 2 |
| 4 | 120015 | Screw(M5-0.8 × 10) | 止ネジ | 1 |
| 5 | 0093214 | Connecting Rod Ring | 針棒ロッドリング | 1 |
| 6 | 3100362 | Connecting Rod, C. Set | 針棒ロッド(組) | 1 |
| 7 | 3100290 | Connecting Rod | 針棒ロッド | 1 |
| 8 | 0093212 | Roller Bearing | ニードルベアリング | 1 |
| 9 | 3100363 | Connecting Rod Pin | 針棒ロッドピン | 1 |
| 10 | 000321 | Oil Wick(3 × 3 × 36mm) | 油芯 | 1 |
| 11-1 | 3507050 [3107050] | Presser Foot, C. Set(48) | 押エ(組) | 1 |
| 11-2 | 3507052 [0064041] | Presser Foot, C. Set(56) | 押エ(組) | 1 |
| 11-3 | 3507054 [0064042] | Presser Foot, C. Set(64) | 押エ(組) | 1 |
| 12 | 110004 ◆ | Screw(M3.5-0.6 × 8) | 止ネジ | 1 |
| 13 | 3107303 | Presser Foot Spring(Left) | 小押エバネ(左) | 1 |
| 14 | 3107304 | Presser Foot Spring(Right) | 小押エバネ(右) | 1 |
| 15 | 130016 ◆ | Screw(M2.5-0.45 × 6) | 止ネジ | 4 |
| 16 | 3107306 ◆ | Presser Foot Hinge Pin(56, 64) | 押エヒンジピン | 1 |
| 17 | 110084 ◆ | Screw(M3.5-0.5 × 4.2) | 止ネジ | 1 |
| 18 | 000327 ◆ | Lock Nut | ロックナット | 1 |
| 19 | 260006 ◆ | Adjusting Screw(1/8-44 × 9.5) | 調節ネジ | 1 |
| 20 | 3150165 | Fabric Edge Guide(Right) | 裾引きガイド(右) | 1 |
| 21 | 007627 | Screw(M4-0.7 × 6) | 止ネジ | 2 |
| 22 | 000538 | Washer | ワッシャ | 2 |
| 23 | 3150166 | Fabric Edge Guide(Left) | 裾引きガイド(左) | 1 |
| 24-1 | 3159038 | Main Feed Dog(48) | 後送り | 1 |
| 24-2 | 3159037 | Main Feed Dog(56, 64) | 後送り | 1 |
| 25-1 | 3159041 | Differential Feed Dog(48) | 前送り | 1 |
| 25-2 | 3159040 | Differential Feed Dog(56, 64) | 前送り | 1 |
| 26-1 | 3158059 | Stitch Plate(48S-1) | 針板 | 1 |
| 26-2 | 3158060 | Stitch Plate(56S-1) | 針板 | 1 |
| 26-3 | 3158061 | Stitch Plate(64S-1) | 針板 | 1 |
| 27 | 3159205 | Needle Guard(Rear) | 針受ケ(後) | 1 |

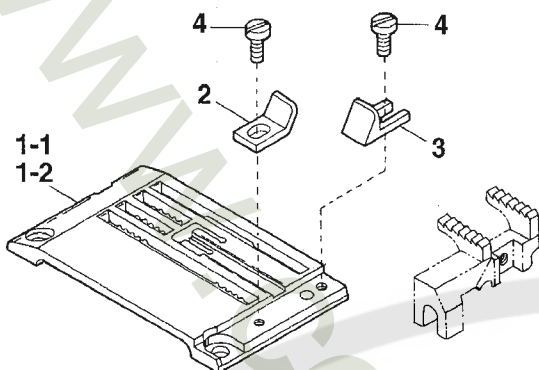
VE2740P148S-2, 2740PR-148S-2



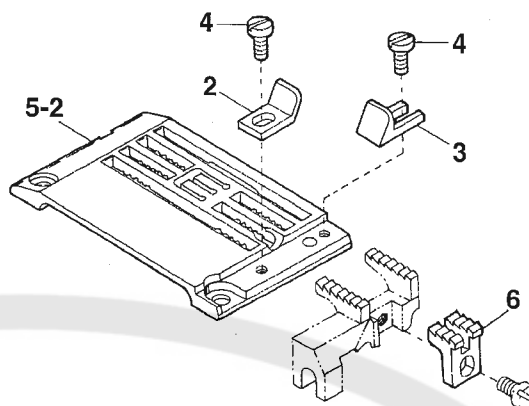
| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-------------------|------------------------------|-----------|----------|
| 1 | 3157010 | Presser Foot, C. Set(48) | 押エ(組) | 1 |
| 2 | 001186 | Screw(9/64-40 × 7.8) | 止ネジ | 1 |
| 3 | 3107303 | Presser Foot Spring(Left) | 小押エバネ(左) | 1 |
| 4 | 0065366 | Locking Pin | 回り止メピン | 1 |
| 5 | 0063282 | Presser Foot Hinge Pin | 押エヒンジピン | 1 |
| 6 | 005122 | Screw(3/32-56 × 5.5) | 止ネジ | 1 |
| 7 | 000327 | Lock Nut | ロックナット | 1 |
| 8 | 003302 | Adjusting Screw(1/8-44 × 11) | 調節ネジ | 1 |
| 9 | 0093356 | Needle Clamp(48) | 針止メ | 1 |
| 10 | 3150165 | Fabric Edge Guide(Right) | 裾引キガイド(右) | 1 |
| 11 | 000538 | Washer | ワッシャ | 2 |
| 12 | 007627 | Screw(M4-0.7 × 6) | 止ネジ | 2 |
| 13 | 3155010 [3150166] | Fabric Edge Guide(Left) | 裾引キガイド(左) | 1 |
| 14 | 110007 | Screw(M2.5-0.45 × 6) | 止ネジ | 1 |
| 15 | 3159053 | Main Feed Dog | 後送り | 1 |
| 16 | 3159052 | Differential Feed Dog | 前送り | 1 |
| 17 | 3158077 | Stitch Plate(48S-2) | 針板 | 1 |
| 18 | 3150239 | Cylinder Upper Cover | シリンダ上カバー | 1 |

EXTRA PARTS(1)

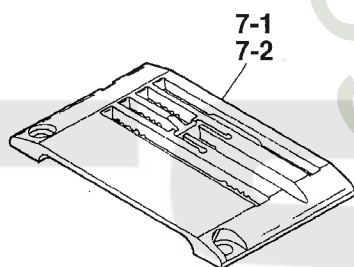
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156S-2-K3N



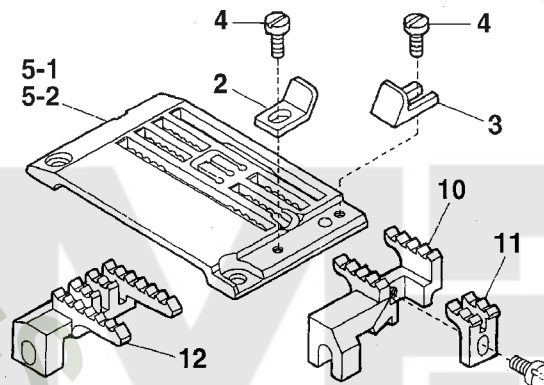
VE2713-164S-2-K4N



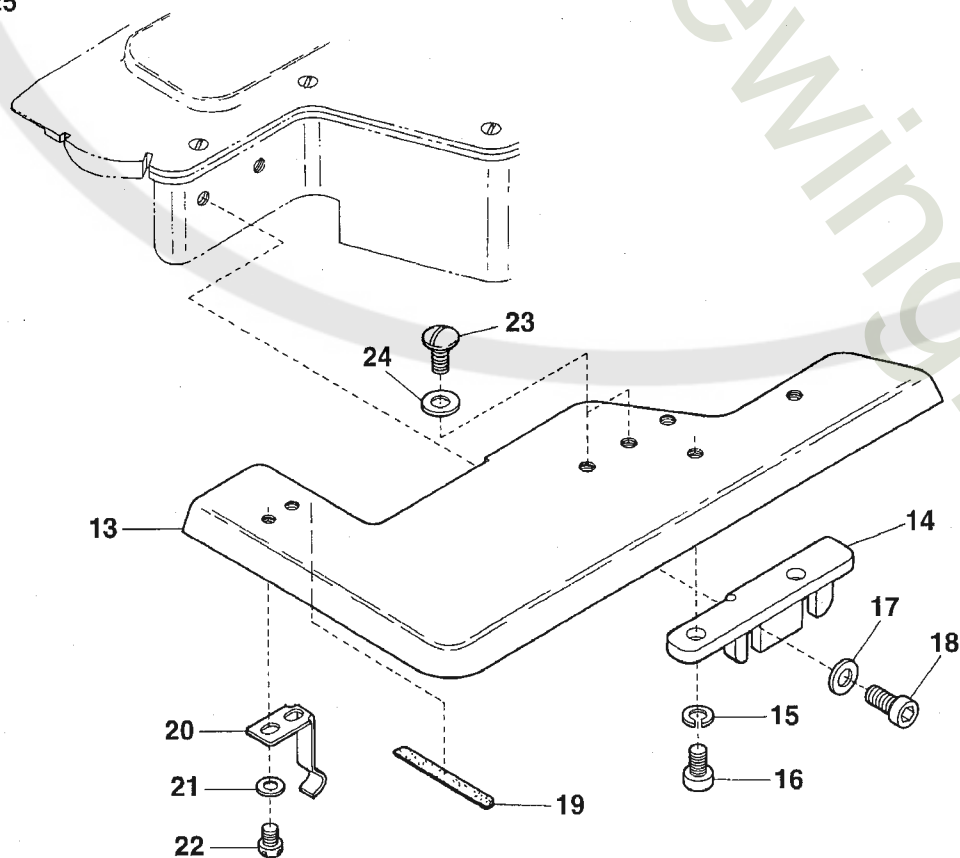
VE2713-148S-2-T1N
156S-2-T1N



VE2713-148S-2-K4A
164S-2-K4A

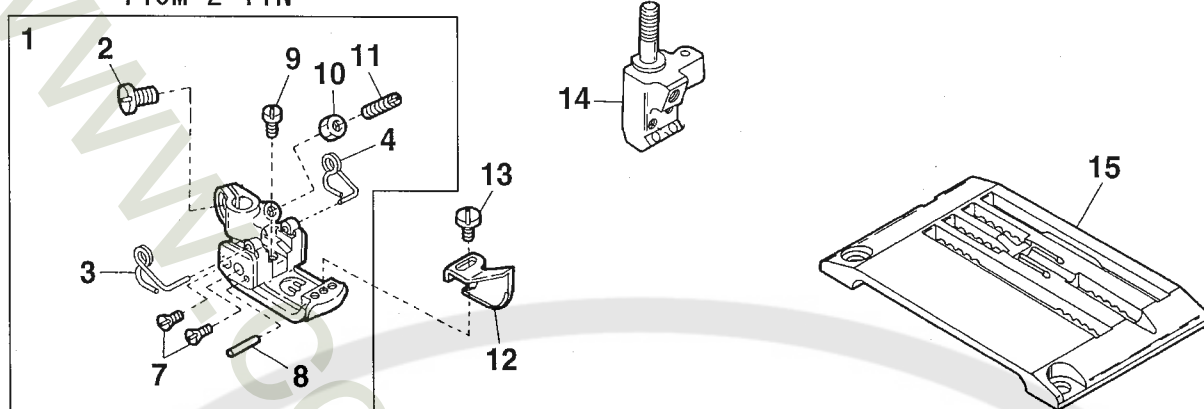


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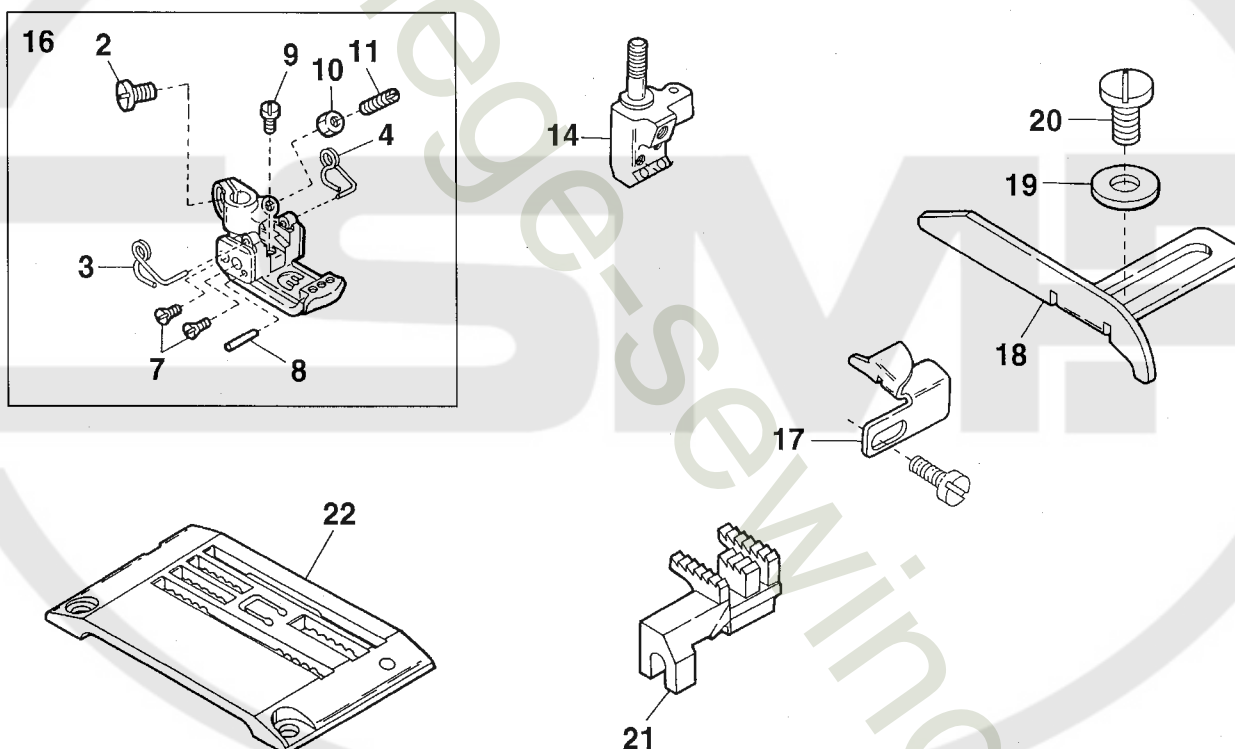


| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|---|-------------|----------|
| 1-1 | 3158090 | Stitch Plate(48S-2) | 針板 | 1 |
| 1-2 | 3158091 | Stitch Plate(56S-2) | 針板 | 1 |
| 2 | 3101320 | Febric Guide(Left) | 布ガイド(左) | 1 |
| 3 | 3101321 | Fabric Guide(Right) | 布ガイド(右) | 1 |
| 4 | 001228 | Screw(3/32-56 × 3.2) | 止ネジ | 2 |
| 5-1 | 3158093 | Stitch Plate(48S-2) | 針板 | 1 |
| 5-2 | 3158095 | Stitch Plate(64S-2) | 針板 | 1 |
| 6 | 3159019 | Differential Feed Dog(Middle)(64S) | 中送り | 1 |
| 7-1 | 3158085 | Stitch Plate(48S-2) | 針板 | 1 |
| 7-2 | 3158086 | Stitch Plate(56S-2) | 針板 | 1 |
| 8 | | | | |
| 9 | | | | |
| 10 | 3159046 | Differential Feed Dog(56S, 64S) | 前送り | 1 |
| 11 | 3159022 | Differential Feed Dog(Middle)(56S, 64S) | 中送り | 1 |
| 12 | 3159050 | Main Feed Dog(56S, 64S) | 後送り | 1 |
| 13 | 3150177 | Supplementary Front Cover | 補助カバー(前) | 1 |
| 14 | 3150179 | Supplementary Front Cover Holder | 補助カバー(前)台 | 1 |
| 15 | 000600 | Spring Washer | スプリングワッシャ | 2 |
| 16 | 005049 | Screw(M5-0.8 × 8) | 止ネジ | 2 |
| 17 | 000426 | Washer | ワッシャ | 2 |
| 18 | 120030 | Screw(M5-0.8 × 12) | 止ネジ | 2 |
| 19 | 3150178 | Rubber Cushion | クッションゴム | 1 |
| 20 | 3200012 | Cover Latch Spring | カバーラッチバネ | 1 |
| 21 | 000005 | Washer | ワッシャ | 2 |
| 22 | 110012 | Screw(M4-0.7 × 5) | 止ネジ | 2 |
| 23 | 110105 | Screw(M5-0.8 × 12) | 止ネジ | 2 |
| 24 | 000426 | Washer | ワッシャ | 2 |
| 25 | 3150175 | Supplementatry Front Cover, C. Set | 補助カバー(前)(組) | 1 |

EXTRA PARTS(2)

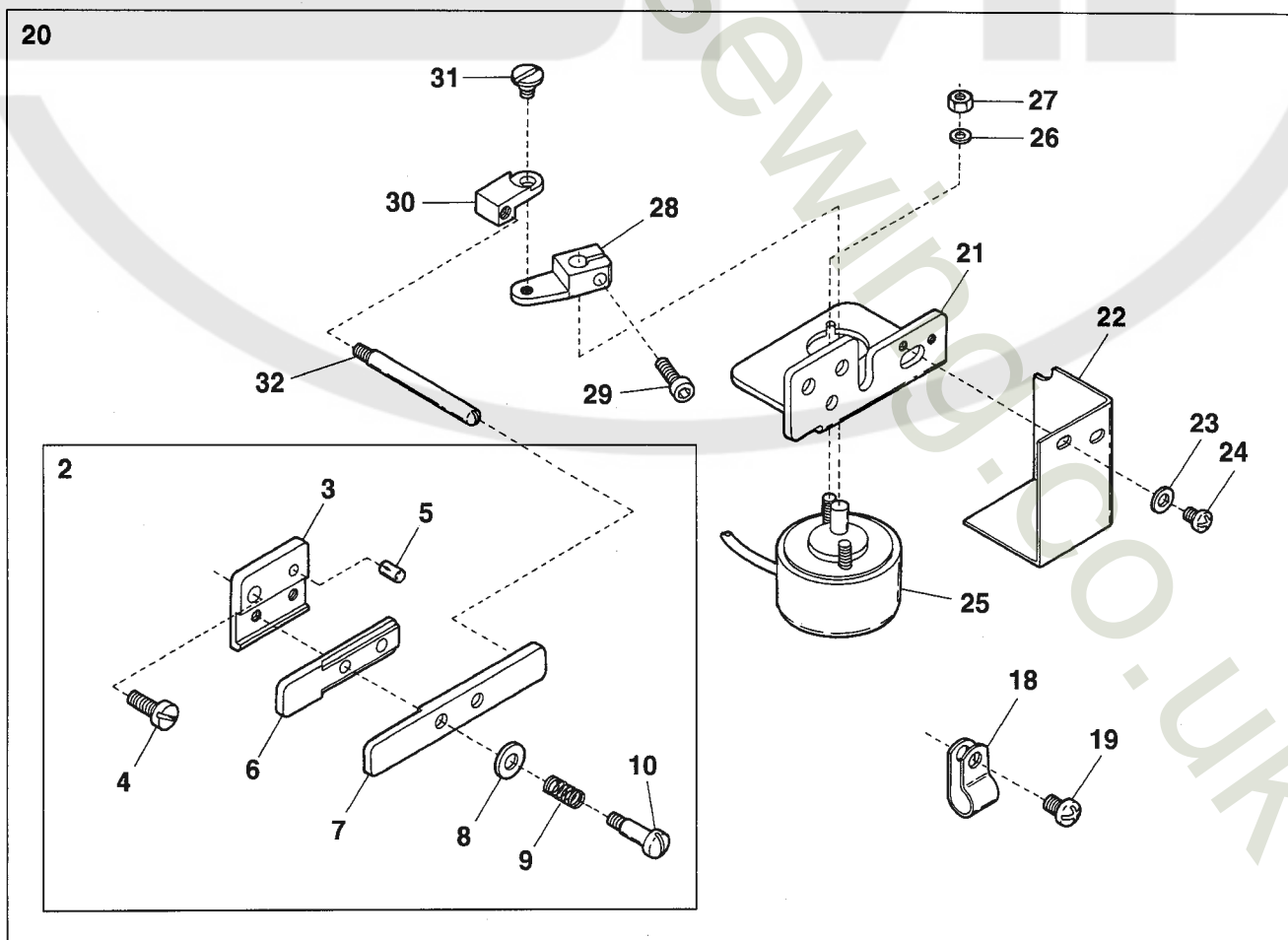
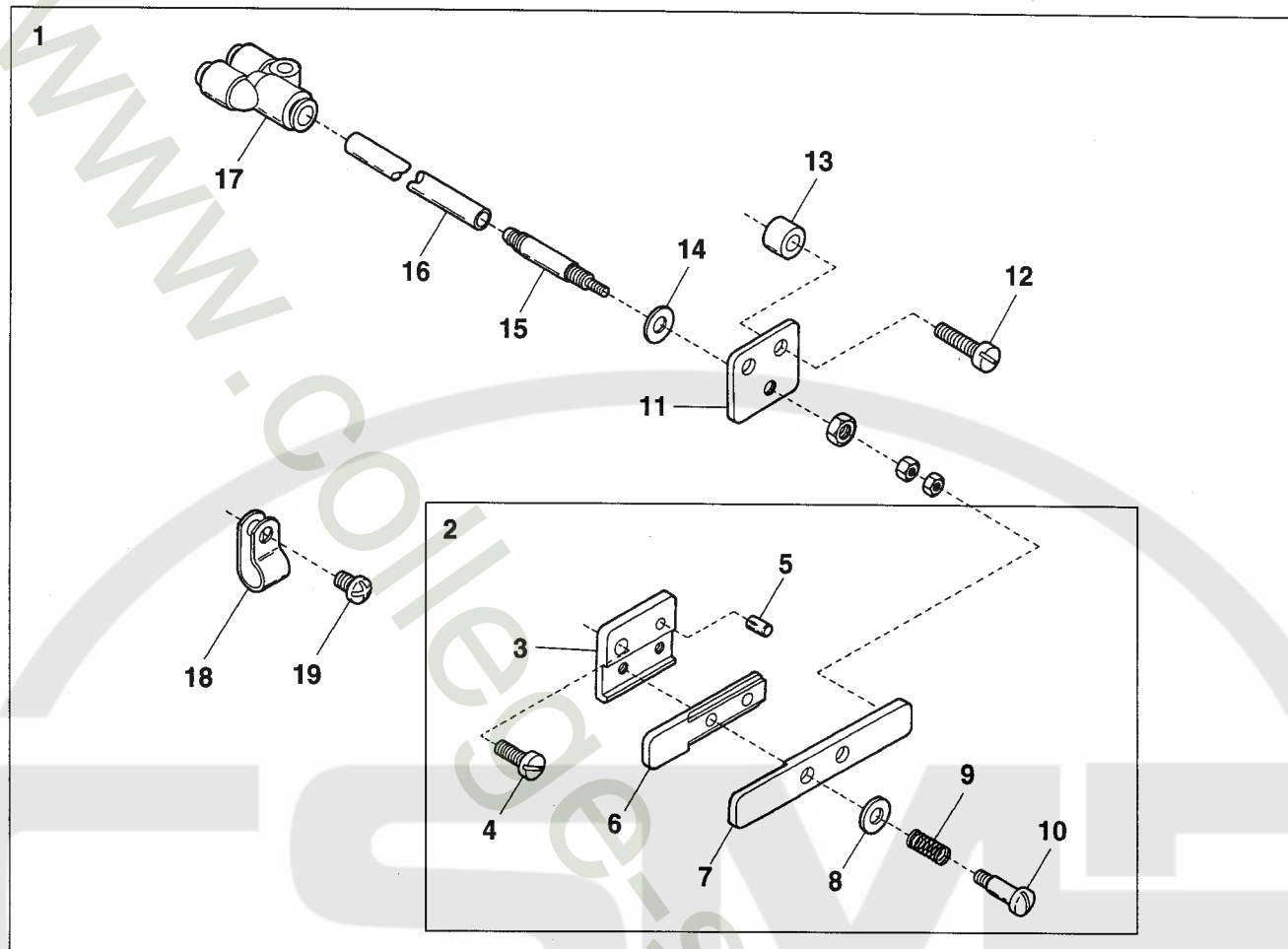
VE2613-140L-2-T1N
140M-2-T1N

VE2611-140S-2



| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-------------------|-------------------------------|-----------|----------|
| 1 | 3507002 [3107002] | Presser Foot, C. Set(40) | 押エ(組) | 1 |
| 2 | 110004 | Screw(M3.5-0.6 × 8) | 止ネジ | 1 |
| 3 | 3107303 | Presser Foot Spring(Left) | 小押エバネ(左) | 1 |
| 4 | 3107304 | Presser Foot Spring(Right) | 小押エバネ(右) | 1 |
| 5 | | | | |
| 6 | | | | |
| 7 | 130016 | Screw(M2.5-0.45 × 6) | 止ネジ | 4 |
| 8 | 3107306 | Presser Foot Hinge Pin(40) | 押エヒンジピン | 1 |
| 9 | 110084 | Screw(M3.5-0.5 × 4.2) | 止ネジ | 1 |
| 10 | 000327 | Lock Nut | ロックナット | 1 |
| 11 | 260006 | Adjusting Screw(1/8-44 × 9.5) | 調節ネジ | 1 |
| 12 | 3107311 | Fabric Guide(Long) | 布ガイド(長) | 1 |
| 13 | 110027 | Screw(M2.5-0.45 × 3.5) | 止ネジ | 1 |
| 14 | 0093352 | Needle Clamp(40) | 針止メ | 1 |
| 15 | 3158080 | Stitch Plate(40L-2) | 針板 | 1 |
| 16 | 3507002 [0063319] | Presser Foot, C. Set(40) | 押エ(組) | 1 |
| 17 | 3150166 | Fabric Edge Guide(Left) | 裾引きガイド(左) | 1 |
| 18 | 3150165 | Fabric Edge Guide(Rught) | 裾引きガイド(右) | 1 |
| 19 | 000538 | Washer | ワッシャ | 2 |
| 20 | 007627 | Screw(M4-0.7 × 6) | 止ネジ | 2 |
| 21 | 3159041 | Differential Feed Dog | 前送り | 1 |
| 22 | 3158063 | Stitch Plate(40S-2) | 針板 | 1 |

EXTRA PARTS(3)



| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-----------|--|--------------|----------|
| 1 | 3100728 | Pneumatic Needle Thread Presser, C. Set | エア式針糸押工装置(組) | 1 |
| 2 | 3100734 | Needle Thread Presser, C. Set | 針糸押工(組) | 1 |
| 3 | 3100730 | Needle Thread Presser Holder | 針糸押工台 | 1 |
| 4 | 110035 | Screw(M4-0.8 × 10) | 止ネジ | 1 |
| 5 | 340030 | Knock Pin | ノックピン | 1 |
| 6 | 3100733 | Needle Thread Presser(Lower) | 針糸押工(下) | 1 |
| 7 | 3100732 | Needle Thread Presser(Upper) | 針糸押工(上) | 1 |
| 8 | 000496 | Washer | ワッシャ | 2 |
| 9 | 0090846 | Needle Thread Presser Spring | 針糸押工バネ | 2 |
| 10 | 009827 | Screw(1/8-44 × 15.3) | 止ネジ | 2 |
| 11 | 3100735 | Cylinder Holder | シリンダ台 | 1 |
| 12 | 110010 | Screw(M4-0.7 × 16) | 止ネジ | 2 |
| 13 | 000494 | Spacer | スペーサ | 2 |
| 14 | 000538 | Washer | ワッシャ | 1 |
| 15 | 1091051 | Air Cylinder | エアシリンダ | 1 |
| 16 | 0010260 | Vinyl Tube(4 × 2.5mm) | ビニールパイプ | - |
| 17 | 0010337 | Union T-Connector | ユニオンY | 1 |
| 18 | 0060248 | Cord Clamp(3N- Φ 5.3) | コードクランプ | 2 |
| 19 | 110012 | Screw(M4-0.7 × 5) | 止ネジ | 2 |
| 20 | 3100729 | Electrical Needle Thread Presser, C. Set | 電気式針糸押工装置(組) | 1 |
| 21 | 3100736 | Solenoid Holder | ソレノイド台 | 1 |
| 22 | 3100738 | Solenoid Cover | ソレノイドカバー | 1 |
| 23 | 000014 | Washer | ワッシャ | 2 |
| 24 | 009995 | Screw(M3-0.5 × 5) | 止ネジ | 2 |
| 25 | 0010841 | Solenoid | ソレノイド | 1 |
| 26 | 000002 | Spring Washer | スプリングワッシャ | 2 |
| 27 | 000012 | Nut | ナット | 2 |
| 28 | 3100546 | Solenoid Lever | ソレノイドレバー | 1 |
| 29 | 120007 | Screw(M3-0.5 × 10) | 止ネジ | 1 |
| 30 | 3100737 | Tension Bar Link | テンション棒リンク | 1 |
| 31 | 170007 | Screw(M3-0.5 × 2.5) | 止ネジ | 1 |
| 32 | 0034016 | Tension Bar | テンション棒 | 1 |

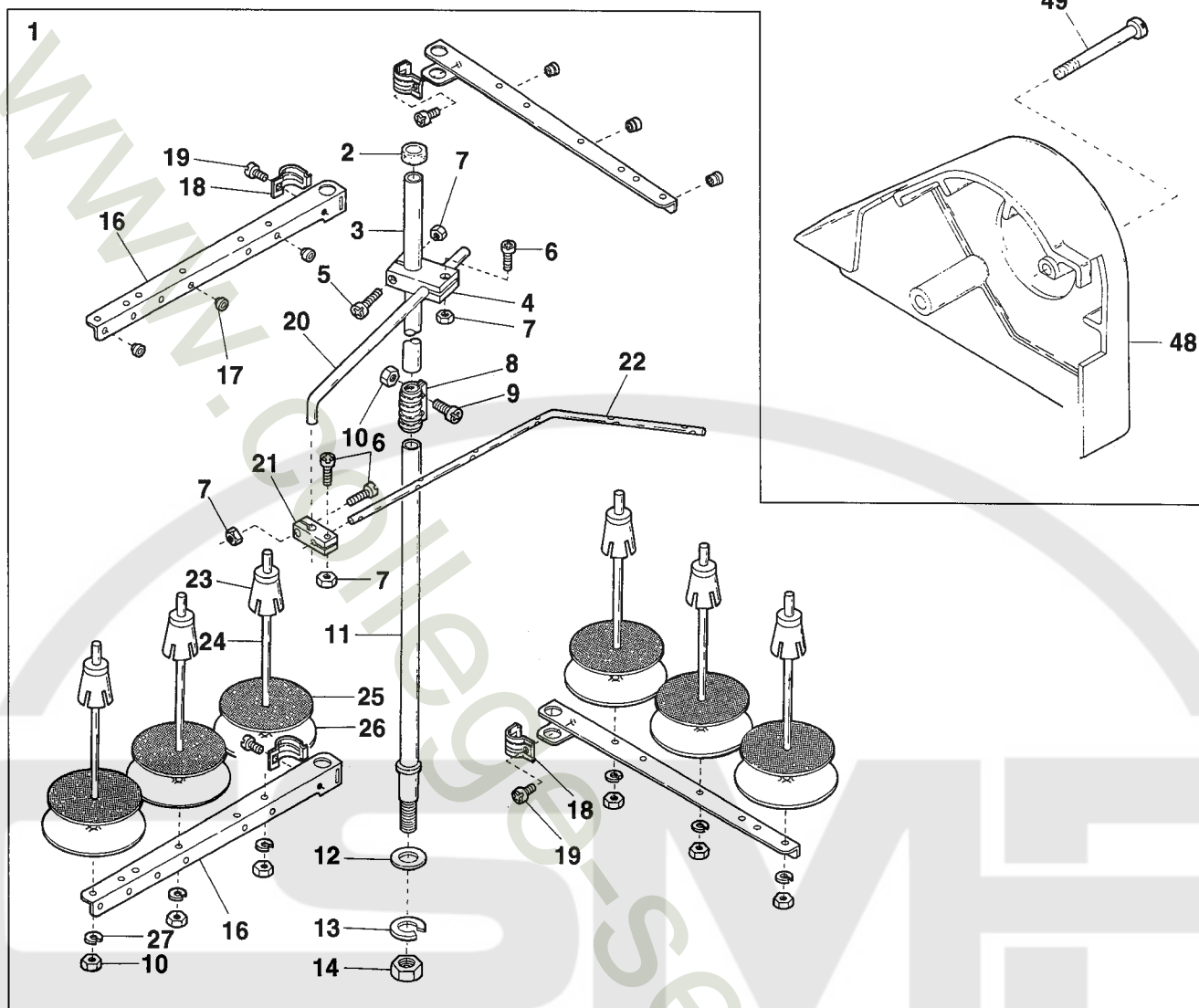
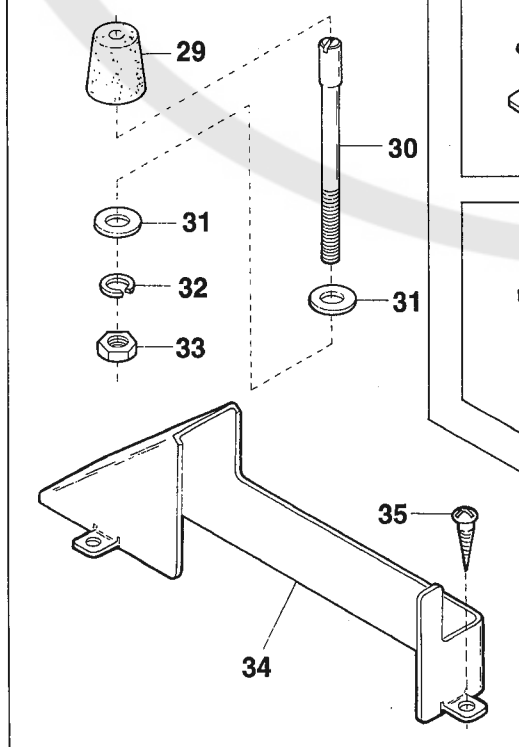
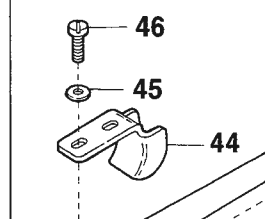


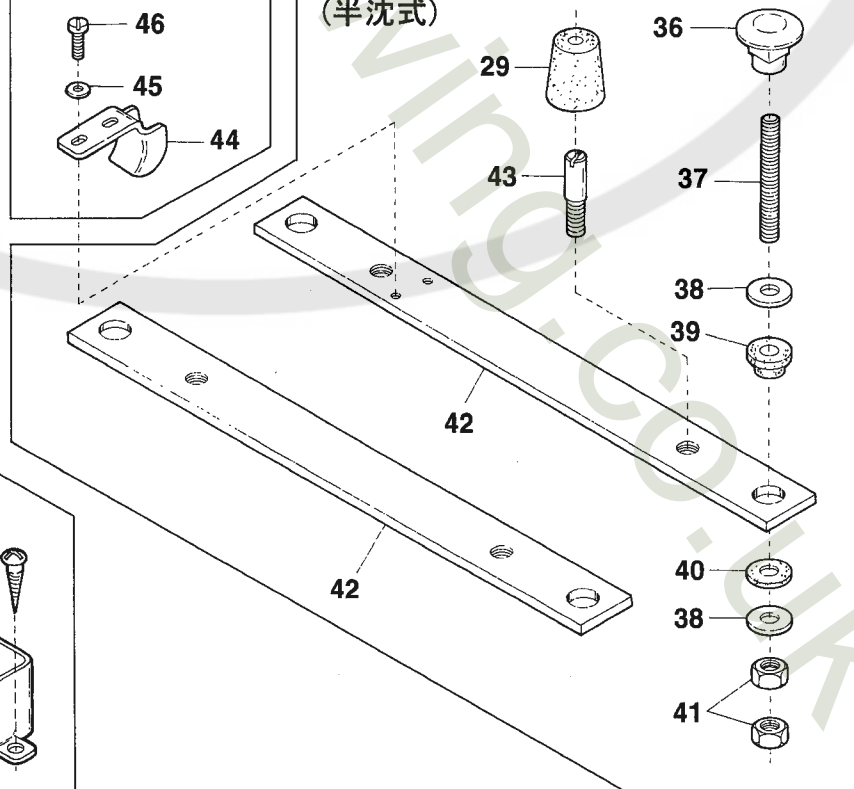
Table top installation (上乘せ式)



EXTRA PARTS










Semi-submerged installation (半沈式)



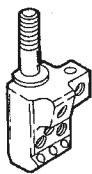
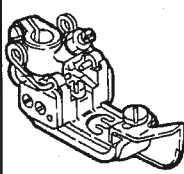
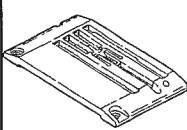
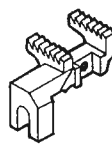

| Ref.No | Parts No. | Description | 品 名 | Amt. Req |
|--------|-------------------|-------------------------------------|---------------|----------|
| 1 | 9620696 | Thread Stand, C. Set(6 Spools Type) | 糸立台(組)(6本糸用) | 1 |
| 2 | 9620631 | Column Cap | コラムキャップ | 1 |
| 3 | 9620670 | Column Pipe(Upper) | コラムパイプ(上) | 1 |
| 4 | 9620689 | Thread Guide Holder(Large) | ガイドホルダ(大) | 1 |
| 5 | 911002 | Screw(M4-0.7 × 20) | 止ネジ | 1 |
| 6 | 911001 | Screw(M4-0.7 × 12) | 止ネジ | 3 |
| 7 | 910001 | Nut | ナット | 4 |
| 8 | 9620673 | Column Pipe Connector | コラムパイプ継手 | 1 |
| 9 | 911006 | Screw(M5-0.8 × 13) | 止ネジ | 2 |
| 10 | 910000 | Nut | ナット | 8 |
| 11 | 9620675 | Column Pipe(Lower) | コラムパイプ(下) | 1 |
| 12 | 930052 | Washer | ワッシャ | 1 |
| 13 | 930053 | Spring Washer | スプリングワッシャ | 1 |
| 14 | 910003 | Nut | ナット | 1 |
| 15 | | | | |
| 16 | 9620703 | Thread Hanger(3 Spool Type) | スレッドハンガ(3本糸用) | 4 |
| 17 | 9620700 | Thread Eyelet | アイレット | 6 |
| 18 | 9620688 | Thread Hanger Holder | スレッドハンガ抱キ | 4 |
| 19 | 911060 | Screw(M6-1 × 15) | 止ネジ | 4 |
| 20 | 9620691 | Thread Guide Arm | ガイドアーム | 1 |
| 21 | 9620690 | Thread Guide Holder(Small) | ガイドホルダ(小) | 1 |
| 22 | 9620666 | Thread Guide(6 Spools Type) | スレッドガイド(6本糸用) | 1 |
| 23 | 9620678 | Spool Cushion | スプールクッション | 6 |
| 24 | 9620679 | Spool Pin | スプール軸 | 6 |
| 25 | 9620680 | Spool Mat | スプールマット | 6 |
| 26 | 9620681 | Spool Seat Disc | 受ケ皿 | 6 |
| 27 | 930055 | Spring Washer | スプリングワッシャ | 6 |
| 28 | | | | |
| 29 | 0063009 | Oil Reservoir Rubber Cushion | ゴム座 | 4 |
| 30 | 180008 | Setting Screw(M6-1 × 63) | 取付ケネジ | 4 |
| 31 | 000528 | Washer | ワッシャ | 8 |
| 32 | 000667 | Spring Washer | スプリングワッシャ | 4 |
| 33 | 000011 | Nut | ナット | 4 |
| 34 | 3100036 | Belt Cover(Lower) | ベルトカバー(下) | 1 |
| 35 | 006905 | Wood Screw(Φ 5.1 × 20) | 木ネジ | 3 |
| 36 | 000070 | Hanging Nut | 吊リナット | 4 |
| 37 | 009858 | Hanging Bolt(M8-1.25 × 75) | 吊リボルト | 4 |
| 38 | 000162 | Washer | ワッシャ | 8 |
| 39 | 0020064 | Supporting Board Rubber Cushion | 受ケ板ゴム座 | 4 |
| 40 | 0063010 | SupportingBoardRubberCushion(Lower) | 受ケ板ゴム座(下) | 4 |
| 41 | 000016 | Nut | ナット | 8 |
| 42 | 3100008 | Supporting Board | 油受ケ板 | 2 |
| 43 | 180009 | Setting Screw(M6-1 × 16) | 取付ケネジ | 4 |
| 44 | 3200242 | Chain Guide | 鎖ガイド | 1 |
| 45 | 000541 | Washer | ワッシャ | 2 |
| 46 | 110009 | Screw(M4-0.7 × 8) | 止ネジ | 2 |
| 47 | | | | |
| 48 | 3150139 [3150133] | Belt Cover | ベルトカバー | 1 |
| 49 | 110028 | Screw(M6-1 × 46) | 止ネジ | 2 |

WARNING LABEL 警告ラベル

| LABEL ラベル | Parts No. 品番 | Description 品名 |
|--|-----------------|---|
|  <p>CAUTION</p> <p>Do not operate without eye guard and safety devices. Before threading, changing needle, cleaning etc. switch off main switch.</p> | 390140 | CAUTION IN OPERATION |
| <p>▲ 注意</p>  <p>動く部分でけがをする。 安全保護装置をつけて縫製作業をすること。 電源を切ってから、糸通し、ボビンや針の交換、掃除や調整をすること。</p> | 390143 | 操作注意ラベル |
| <p>▲ 高電圧警告 ▲ DANGER</p>  <p>このカバーを開けるときは、電源スイッチを切った後、5分たってから開けること。 To open this cover, turn off power supply and wait more than 5 minutes before opening.</p> | 390144 | DANGER : WARNING OF ELECTRIC SHOCK BY HIGH-VOLTAGE 感電注意ラベル |
|  | 390145 | "Be sure to connect earth line". アースラベル |
|  | 390146 | ROTATING-DIRECTION SYMBOL : CHECK CORRECT ROTATING DIRECTION 回転方向表示ラベル |
|  <p>ケガ注意 CAUTION</p> | 390147 | EYE GUARD : TAKE CARE NOT CAUSE INJURY TO EYES BELT COVER : DO NOT INSERT FINGERS ケガ注意ラベル |
|  <p>高温注意 CAUTION</p> | 390148 | CAUTION FOR HIGH TEMPERATURE : DO NOT TOUCH STEPPING MOTOR AND SOLENOID 高温注意ラベル |

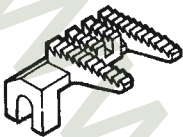



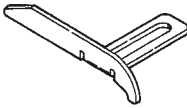

LIST of MAIN SPARE PARTS
(主要部品リスト)

VE2713 Class LIST of MAIN SPARE PARTS(主要部品リスト)

| Main Parts Models |  |  |  |  |  |
|----------------------|---|---|--|---|---|
| | Needle Clamp | Presser Foot, C. Set | Stitch Plate | Differential Feed Dog | Differential Feed Dog (Middle) |
| | 針止メ | 押エ(組) | 針板 | 前送り | 中送り |
| VE2713-148L-2-T1N | 0093356 | 3507050 | 3158081 | 3159044 | 3159013 |
| 148S-2-T1N(E) | " | " | ★3158085 | " | " |
| 148S-2-K3N(E) | " | " | ★3158090 | " | " |
| 148S-2-K4N | " | " | ★3158093 | " | ★3159020 |
| 156L-2-T1N | 0093357 | 3507052 | 3158082 | 3159043 | 3159012 |
| 156S-2-T1N(E) | " | " | ★3158086 | " | " |
| 156S-2-K3N(E) | " | " | ★32158091 | " | ----- |
| 156S-2-K4N | " | " | 3158094 | " | 3159019 |
| 156S-2-K4N-WF2 | " | 3507074 | " | " | " |
| 156S-1-K4N | " | 3507052 | " | " | " |
| 156S-2-K4A(E) | " | " | ★3158094 | 3159046 | ★3159022 |
| 156L-2-T2A | " | 3507056 | 3158088 | " | 3159014 |
| 164L-2-T1N | 0093358 | 3507054 | 3158083 | 3159043 | 3159012 |
| 164S-2-K4N(E) | " | " | ★3158095 | " | ★3159019 |
| 164S-2-K4A(E) | " | " | ★3158095 | 3159046 | ★3159022 |
| VE2711-148S-2 | 0093356 | 3507050 | 3158064 | 3159041 | ----- |
| 148L-2(E) | " | " | ★3158069 | " | ----- |
| 148S-1 | " | " | 3158059 | " | ----- |
| 156S-2 | 0093357 | 3507052 | 3158065 | 3159040 | ----- |
| 156L-2(E) | " | " | ★3158070 | " | ----- |
| 156S-1 | " | " | 3158060 | " | ----- |
| 164S-2 | 0093358 | 3507054 | 3158066 | " | ----- |
| 164L-2(E) | " | " | ★3158071 | " | ----- |
| 164S-1 | " | " | 3158061 | " | ----- |
| VE2711P-156S-2 | 0093357 | 3507052 | 3158065 | " | ----- |
| VE2611-140S-2(E) | 0093352 | 3507002 | ★3158063 | 3159041 | ----- |
| VE2613-140L-2-T1N(E) | " | 3507002 | ★3158080 | 3159044 | 3159013 |
| VE2740P-148S-2 | 0093356 | 3157010 | 3158077 | 3159052 | ----- |
| VE2740PR-148S-2 | " | " | " | " | ----- |
| | | | | | |

Note : The models with (E) are not mass produced. The Parts with ★ are extra.

(注) (E)の付いている機種は量産機ではありません。★の部品は特注部品です。

| | | | | | |
|---|---|---|---|--|---|
|  |  |  |  |  |  |
| Main Feed Dog | Fabric Guide (Left) | Fabric Guide (Right) | Fabric Edge Guide (Left) | Fabric Edge Guide (Right) | Looper |
| 後送り | 布ガイド(左) | 布ガイド(右) | 裾引きガイド(左) | 裾引きガイド(右) | ルーパ |
| 3159038 | 3150127 | 3150126 | ----- | ----- | 3109302 |
| " | " | " | ----- | ----- | " |
| " | 3101320 | 3101321 | ----- | ----- | " |
| " | " | " | ----- | ----- | " |
| 3159037 | 3150127 | 3150126 | ----- | ----- | 3109300 |
| " | " | " | ----- | ----- | " |
| " | 3101320 | 3101321 | ----- | ----- | " |
| " | " | " | ----- | ----- | " |
| " | " | " | ----- | ----- | " |
| " | " | " | ----- | ----- | " |
| ★3159050 | " | " | ----- | ----- | " |
| 3159048 | 3150127 | 3150126 | ----- | ----- | " |
| 3159037 | " | " | ----- | ----- | " |
| " | 3101320 | 3101321 | ----- | ----- | " |
| ★3159050 | " | " | ----- | ----- | " |
| 3159038 | ----- | ----- | 3150166 | 3150165 | 3109302 |
| " | ----- | ----- | " | " | " |
| " | ----- | ----- | " | " | " |
| 3159037 | ----- | ----- | " | " | 3109300 |
| " | ----- | ----- | " | " | " |
| " | ----- | ----- | " | " | " |
| " | ----- | ----- | " | " | " |
| " | ----- | ----- | " | " | " |
| " | ----- | ----- | " | " | " |
| 3159038 | ----- | ----- | " | " | " |
| " | 3150127 | 3150126 | ----- | ----- | " |
| 3159053 | ----- | ----- | 3155010 | 3150165 | 3109302 |
| " | ----- | ----- | " | " | " |
| | | | | | |

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| 000002 | 28 | 26 | | 000538 | 25 | 11 | | 003302 | 10 | 49 | |
| 000005 | 26 | 21 | | 000538 | 27 | 19 | | 003302 | 21 | 22 | |
| 000010 | 5 | 38 | | 000538 | 28 | 14 | | 003302 | 25 | 8 | |
| 000011 | 29 | 33 | | 000541 | 29 | 45 | | 003657 | 14 | 13 | |
| 000012 | 28 | 27 | | 000547 | 5 | 39 | | 003662 | 19 | 6 | |
| 000014 | 28 | 23 | | 000555 | 8 | 27 | | | | | |
| 000016 | 29 | 41 | | 000561 | 13 | 33 | | 004127 | 7 | 31 | |
| 000022 | 3 | 8 | | 000567 | 17 | 10 | | 004127 | 7 | 33 | |
| 000070 | 29 | 36 | | 000600 | 8 | 31 | | 004236 | 5 | 35 | |
| 000145 | 19 | 16 | | 000600 | 13 | 36 | | 004312 | 8 | 23 | |
| 000162 | 29 | 38 | | 000600 | 26 | 15 | | 004353 | 4 | 50 | |
| 000177 | 4 | 6 | | 000613 | 18 | 20 | | 004353 | 16 | 11 | |
| 000195 | 5 | 5 | | 000613 | 20 | 29 | | 004358 | 9 | 2 | |
| 000234 | 16 | 3 | | 000636 | 6 | 21 | | 004358 | 10 | 41 | |
| 000304 | 16 | 23 | | 000637 | 12 | 38 | | 004440 | 10 | 6 | |
| 000306 | 18 | 17 | | 000651 | 4 | 46 | | 004440 | 12 | 36 | |
| 000321 | 9 | 21 | | 000665 | 22 | 12 | | 004440 | 22 | 5 | |
| 000321 | 21 | 10 | | 000667 | 29 | 32 | | 004441 | 10 | 8 | |
| 000321 | 24 | 10 | | 000669 | 7 | 44 | | 004591 | 10 | 38 | |
| 000327 | 10 | 48 | | 000669 | 13 | 35 | | | | | |
| 000327 | 21 | 21 | | 000690 | 10 | 27 | | 005049 | 13 | 37 | |
| 000327 | 23 | 8 | | 000690 | 20 | 28 | | 005049 | 26 | 16 | |
| 000327 | 24 | 18 | | 000726 | 1 | 35 | | 005071 | 8 | 20 | |
| 000327 | 25 | 7 | | 000726 | 3 | 15 | | 005071 | 12 | 33 | |
| 000327 | 27 | 10 | | 000740 | 12 | 44 | | 005075 | 1 | 30 | |
| 000334 | 5 | 40 | | 000779 | 7 | 3 | | 005122 | 25 | 6 | |
| 000334 | 20 | 4 | | 000779 | 18 | 3 | | 005542 | 10 | 43 | |
| 000340 | 20 | 17 | | 000779 | 20 | 22 | | 005650 | 8 | 32 | |
| 000360 | 4 | 29 | | 000926 | 8 | 17 | | 005650 | 20 | 14 | |
| 000397 | 14 | 2 | | 000989 | 8 | 4 | | | | | |
| 000426 | 26 | 17 | | | | | | 006004 | 5 | 37 | |
| 000426 | 26 | 24 | | 001093 | 4 | 20 | | 006038 | 10 | 25 | |
| 000445 | 10 | 3 | | 001093 | 7 | 16 | | 006038 | 20 | 12 | |
| 000463 | 7 | 35 | | 001107 | 6 | 18 | | 006075 | 20 | 6 | |
| 000487 | 20 | 31 | | 001107 | 13 | 41 | | 006212 | 7 | 18 | |
| 000494 | 28 | 13 | | 001123 | 12 | 46 | | 006212 | 13 | 9 | |
| 000496 | 28 | 8 | | 001174 | 8 | 21 | | 006270 | 19 | 8 | |
| 000505 | 13 | 30 | | 001174 | 18 | 15 | | 006411 | 20 | 16 | |
| 000528 | 11 | 10 | | 001186 | 25 | 2 | | 006905 | 29 | 35 | |
| 000528 | 29 | 31 | | 001228 | 21 | 29 | | | | | |
| 000532 | 4 | 49 | | 001228 | 22 | 27 | | 007621 | 19 | 29 | |
| 000535 | 7 | 40 | | 001228 | 26 | 4 | | 007627 | 15 | 16 | |
| 000538 | 3 | 16 | | 001459 | 7 | 20 | | 007627 | 23 | 13 | |
| 000538 | 4 | 36 | | 001818 | 4 | 26 | | 007627 | 24 | 21 | |
| 000538 | 20 | 3 | | 001900 | 9 | 9 | | 007627 | 25 | 12 | |
| 000538 | 22 | 4 | | | | | | 007627 | 27 | 20 | |
| 000538 | 23 | 12 | | 002043 | 9 | 6 | | | | | |
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| 009604 | 10 | 30 | | 0032921 | 18 | 22 | | 0065389 | 12 | 30 | |
| 009604 | 11 | 13 | | 0032952 | 4 | 3 | | 0065395 | 18 | 11 | |
| 009604 | 18 | 9 | | 0032952 | 4 | 4 | | 0065398 | 18 | 8 | |
| 009736 | 16 | 37 | | | | | | 0065400 | 18 | 14 | |
| 009744 | 2 | 31 | | 0033024 | 14 | 9 | | 0065401 | 18 | 18 | |
| 009748 | 2 | 2 | | | | | | 0065402 | 18 | 19 | |
| 009752 | 1 | 14 | | 0034016 | 28 | 32 | | 0065402 | 20 | 15 | |
| 009752 | 19 | 33 | | 0034117 | 20 | 27 | | 0065404 | 20 | 26 | |
| 009753 | 20 | 21 | | 0034979 | 20 | 5 | | 0065405 | 20 | 23 | |
| 009779 | 2 | 7 | | | | | | 0065407 | 20 | 13 | |
| 009784 | 5 | 33 | | 0035813 | 4 | 28 | | 0065414 | 19 | 14 | |
| 009827 | 28 | 10 | | | | | | 0065415 | 19 | 27 | |
| 009858 | 29 | 37 | | 0036175 | 4 | 17 | | 0065417 | 19 | 24 | |
| 009931 | 20 | 18 | | 0036175 | 7 | 13 | | 0065418 | 19 | 28 | |
| 009995 | 1 | 22 | | | | | | 0065421 | 19 | 15 | |
| 009995 | 28 | 24 | | 0037108 | 4 | 27 | | 0065436 | 19 | 38 | |
| | | | | | | | | 0065437 | 19 | 39 | |
| 0010017 | 17 | 17 | | 0060056 | 19 | 11 | | 0065453 | 16 | 1 | |
| 0010260 | 28 | 16 | | 0060057 | 8 | 14 | | | | | |
| 0010337 | 28 | 17 | | 0060109 | 18 | 16 | | 0066560 | 10 | 39 | |
| 0010841 | 28 | 25 | | 0060142 | 10 | 9 | | 0066561 | 10 | 40 | |
| | | | | 0060175 | 5 | 36 | | 0066567 | 19 | 30 | |
| 0020064 | 29 | 39 | | 0060176 | 5 | 34 | | | | | |
| 0020119 | 4 | 48 | | 0060248 | 28 | 18 | | 0067028 | 19 | 31 | |
| 0020137 | 1 | 29 | | 0060270 | 22 | 16 | | 0067111 | 20 | 30 | |
| 0020271 | 10 | 16 | | | | | | 0067126 | 20 | 7 | |
| 0020350 | 13 | 34 | | 0063009 | 29 | 29 | | | | | |
| 0020551 | 16 | 9 | | 0063010 | 29 | 40 | | 0068011 | 1 | 4 | |
| 0020759 | 1 | 5 | | 0063044 | 9 | 3 | | | | | |
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