

# **401 SERIES**

**MODELS:401-02.03.04.13**

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**WILLCOX & GIBBS, inc.**

[www.college-sewing.co.uk](http://www.college-sewing.co.uk)

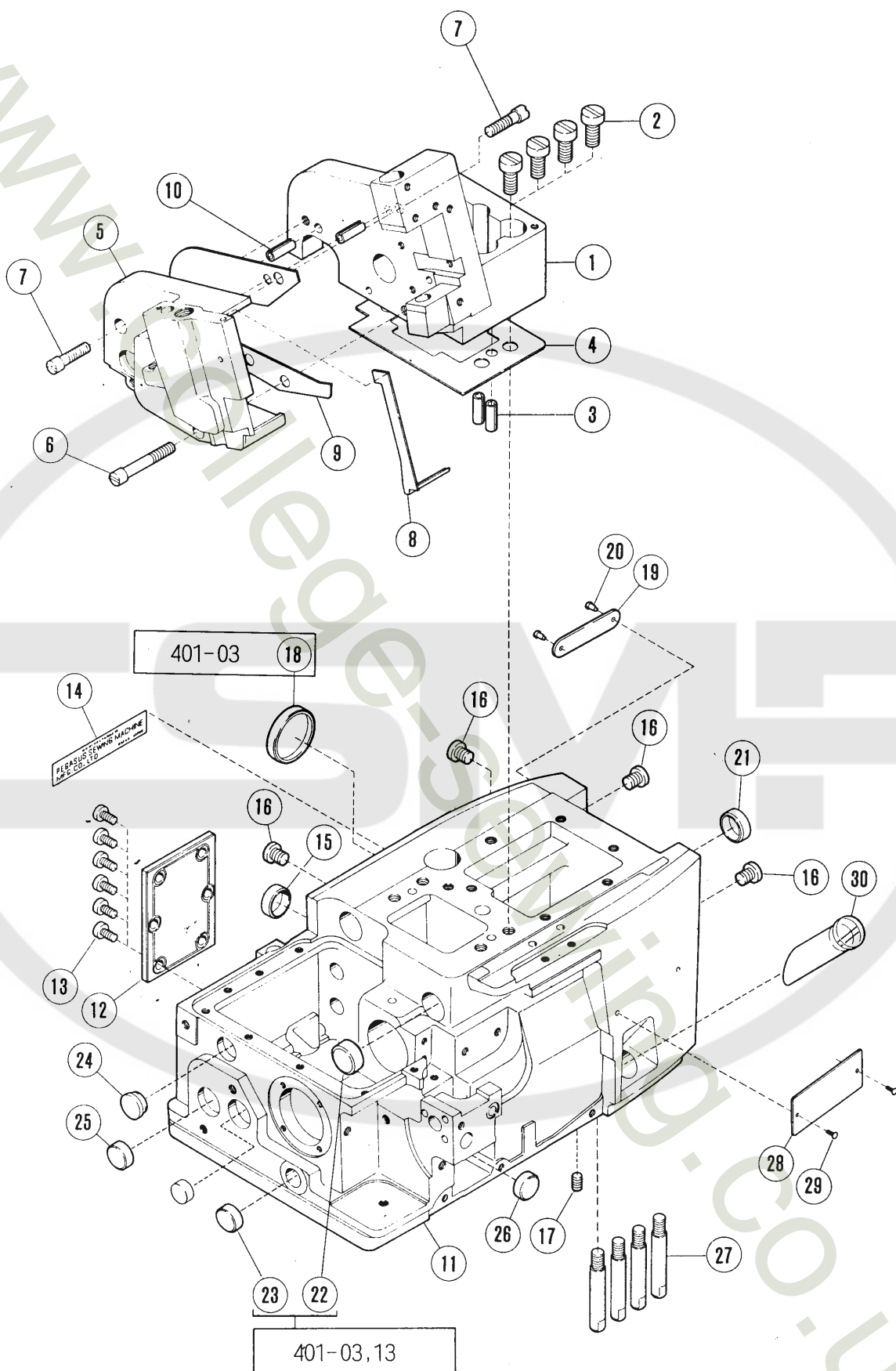


## INTRODUCTION

- This parts catalog covers the 401 machine manufactured December, 1990.
- 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 ~ 45 contain the gauge parts construction charts in order to know the illustrations and the combinations of the parts, and page 46 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.

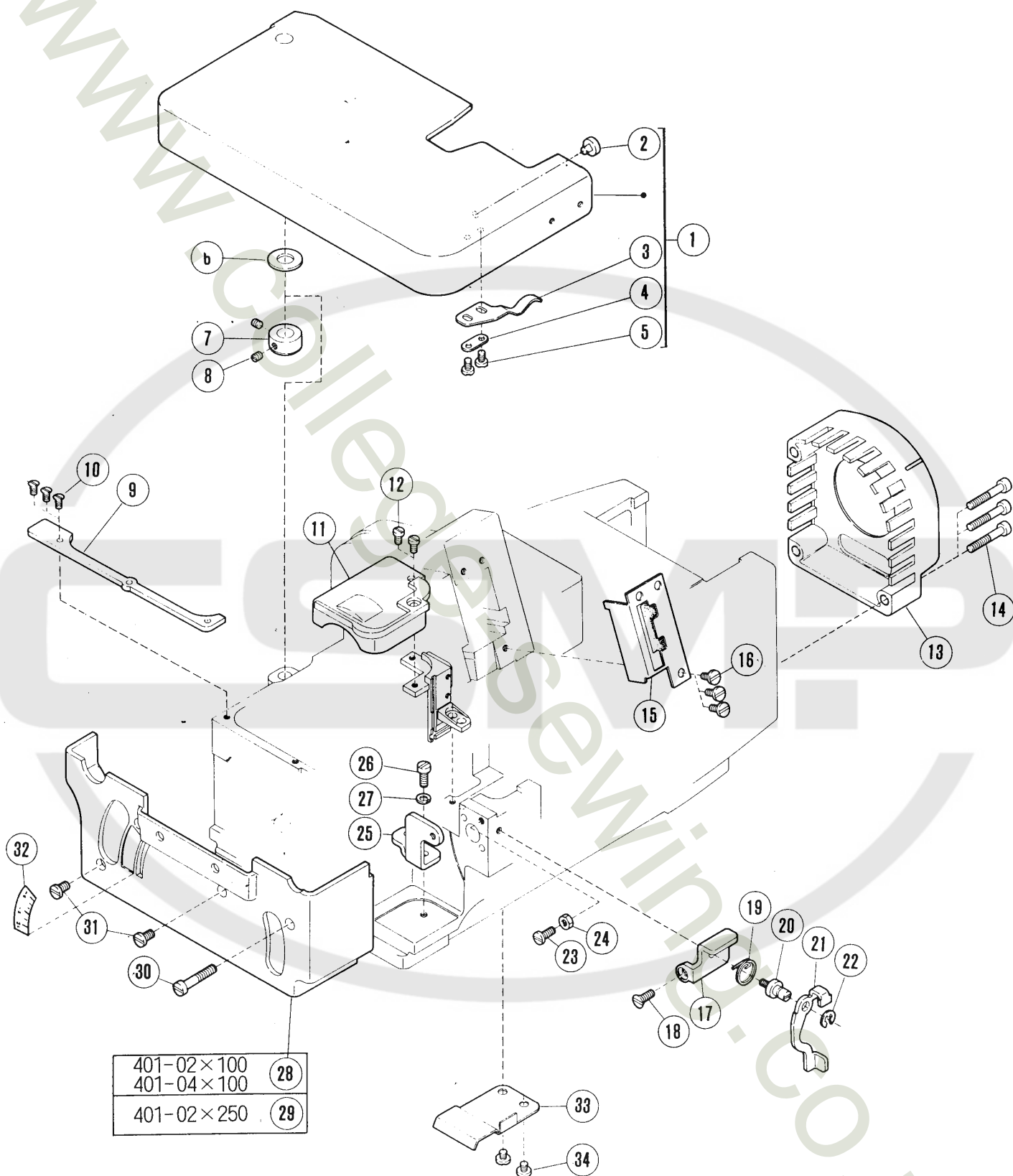
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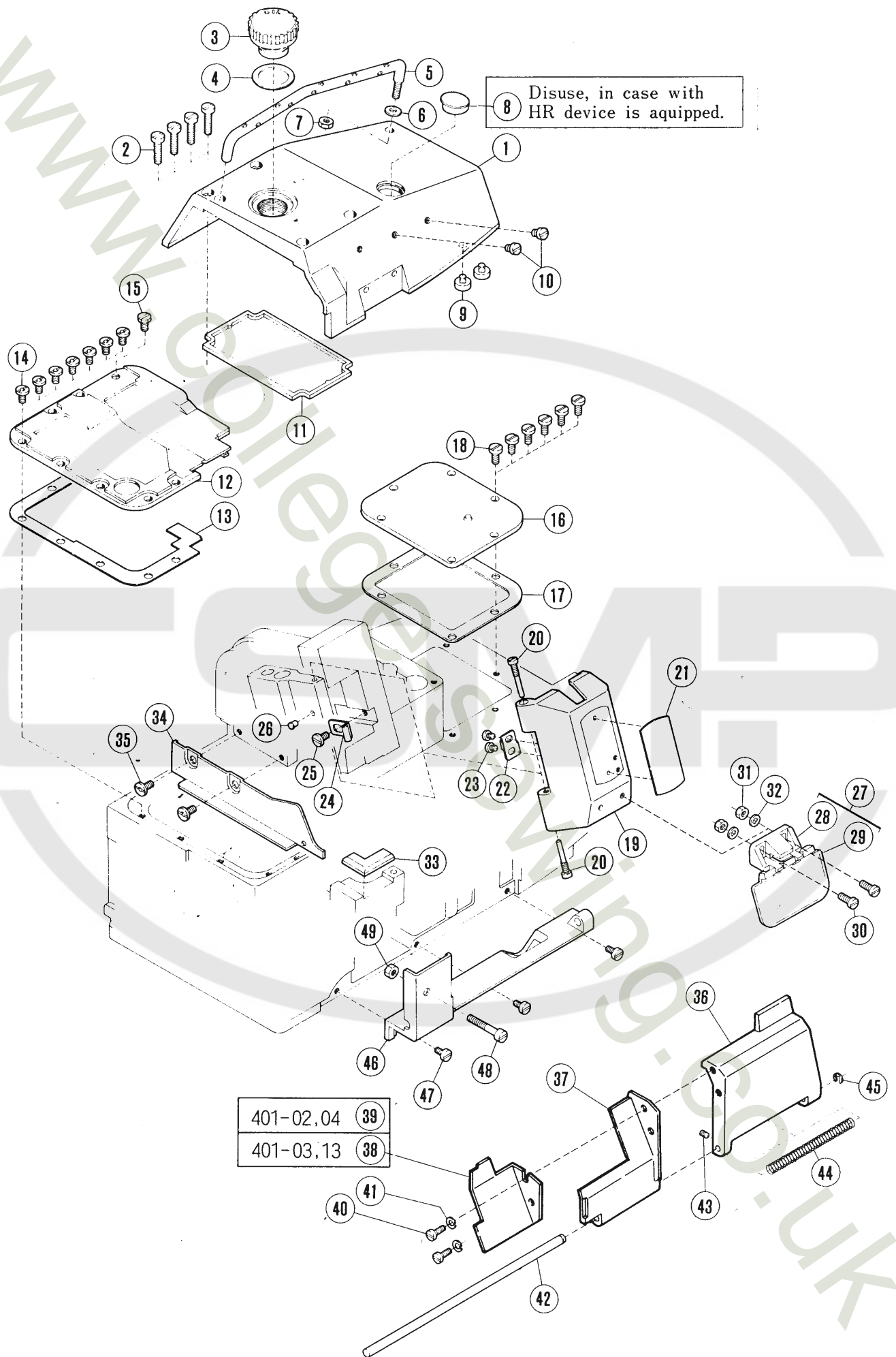
# MACHINE BED FRAME

| REF.<br>NO. | PART NO.  | NAME                | QT. |
|-------------|-----------|---------------------|-----|
| 1           | 208602-FD | MACHINE ARM (RIGHT) | 1   |
| 2           | 5078      | SCREW               | 4   |
| 3           | 201002    | PIN                 | 2   |
| 4           | 204251    | GASKET              | 1   |
| 5           | 208603-FD | MACHINE ARM (LEFT)  | 1   |
| 6           | 5237      | SCREW               | 1   |
| 7           | 5163      | SCREW               | 2   |
| 8           | 208434    | OIL SHIELD          | 1   |
| 9           | 208169A   | GASKET              | 1   |
| 10          | 201002    | PIN                 | 2   |
| 11          | 208624AFD | MACHINE BED         | 1   |
| 12          | 210005    | COVER PLATE         | 1   |
| 13          | 5117      | SCREW               | 6   |
| 14          | 202526    | NAME PLATE          | 1   |
| 15          | 210003    | PLUG                | 1   |
| 16          | 5332A     | SCREW               | 4   |
| 17          | 2022      | SCREW               | 1   |
| 18          | 206707    | PLUG                | 1   |
| 19          | 230047A   | SERIAL NUMBER PLATE | 1   |
| 20          | 210679    | PIN                 | 2   |
| 21          | 204828    | PLUG                | 1   |
| 22          | 210003    | PLUG                | 1   |
| 23          | 208173    | PLUG                | 1   |
| 24          | 240162    | PLUG                | 1   |
| 25          | 210003    | PLUG                | 1   |
| 26          | 208173    | PLUG                | 1   |
| 27          | 204006    | BED PIN             | 4   |
| 28          | 212280A   | TYPE PLATE          | 1   |
| 29          | 210679    | PIN                 | 2   |



## COVER (1)

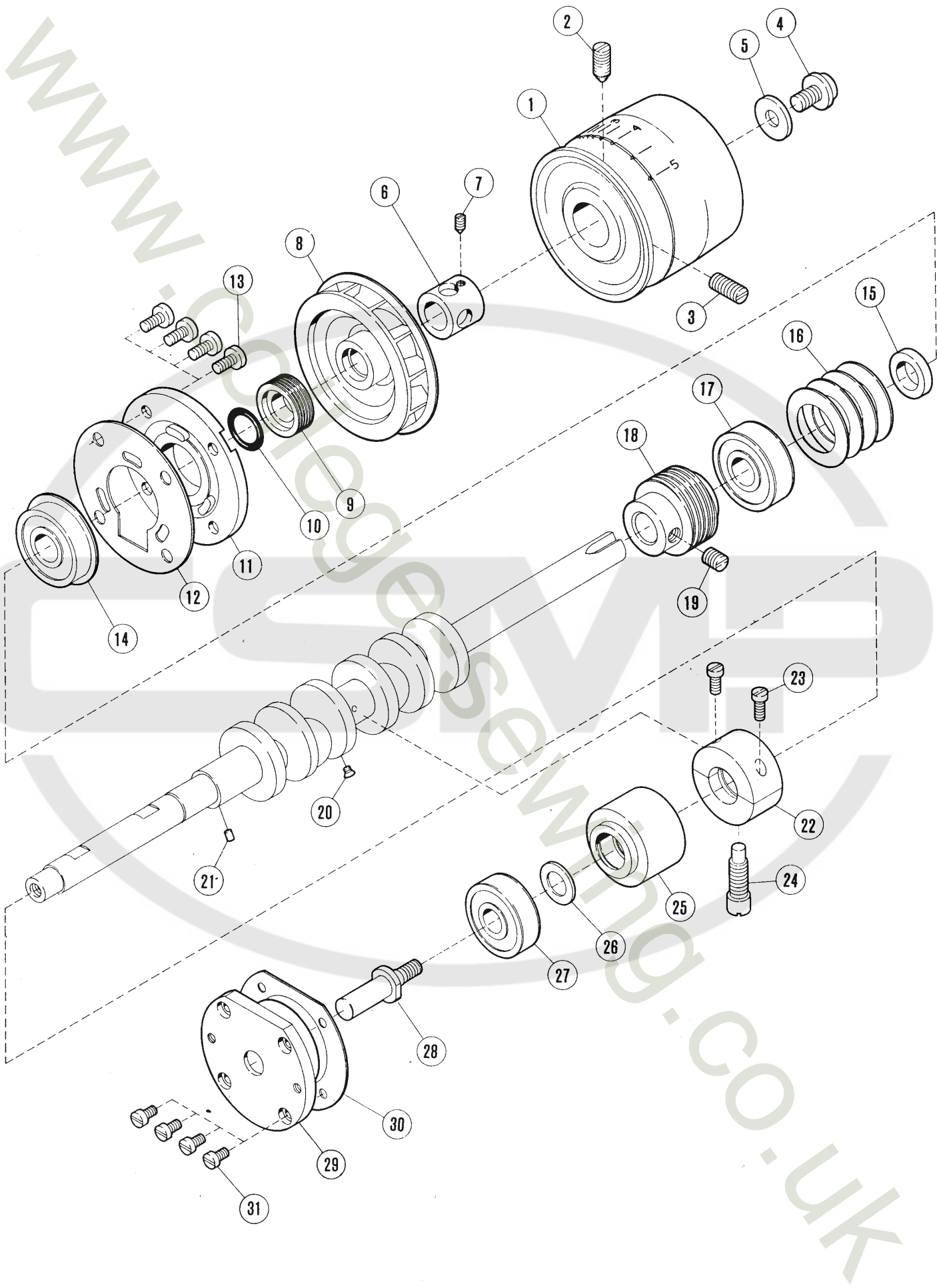
| REF.<br>NO. | PART NO.  | NAME                 | QT. |
|-------------|-----------|----------------------|-----|
| 1           | 208610    | CLOTH PLATE COMPLETE | 1   |
| 2           | 210025    | CUSHION              | 1   |
| 3           | 204218    | FLAT SPRING          | 1   |
| 4           | 200162A   | WASHER               | 1   |
| 5           | 1216      | SCREW                | 2   |
| 6           | 202576    | WASHER               | 1   |
| 7           | 201139    | COLLAR               | 1   |
| 8           | 1457      | SCREW                | 2   |
| 9           | 204242    | RUBBER PLUG          | 1   |
| 10          | 5022      | SCREW                | 3   |
| 11          | 208945    | COVER/FEED ECCENTRIC | 1   |
| 12          | 5328      | SCREW                | 2   |
| 13          | 204650A   | COVER                | 1   |
| 14          | 5094      | SCREW                | 3   |
| 15          | 208430    | FACE PLATE COMPLETE  | 1   |
| 16          | 5535      | SCREW                | 3   |
| 17          | 208741    | STOPPER              | 1   |
| 18          | 1732      | SCREW                | 1   |
| 19          | 208740    | SPRING               | 1   |
| 20          | 208738    | PIN                  | 1   |
| 21          | 208737    | LEVER                | 1   |
| 22          | 201629    | RING                 | 1   |
| 23          | 5002      | SCREW                | 1   |
| 24          | 3044      | NUT                  | 1   |
| 25          | 204868    | SPACER               | 1   |
| 26          | 2902      | SCREW                | 1   |
| 27          | 202286    | SPRING WASHER        | 1   |
| 28          | 204865AFA | SIDE COVER           | 1   |
| 29          | 208570-FA | SIDE COVER           | 1   |
| 30          | 5182      | SCREW                | 1   |
| 31          | 5091      | SCREW                | 2   |
| 32          | 209405    | INDICATION PLATE     | 1   |
| 33          | 210007    | FEED BAR COVER       | 1   |
| 34          | 2905      | SCREW                | 2   |





## COVER (2)

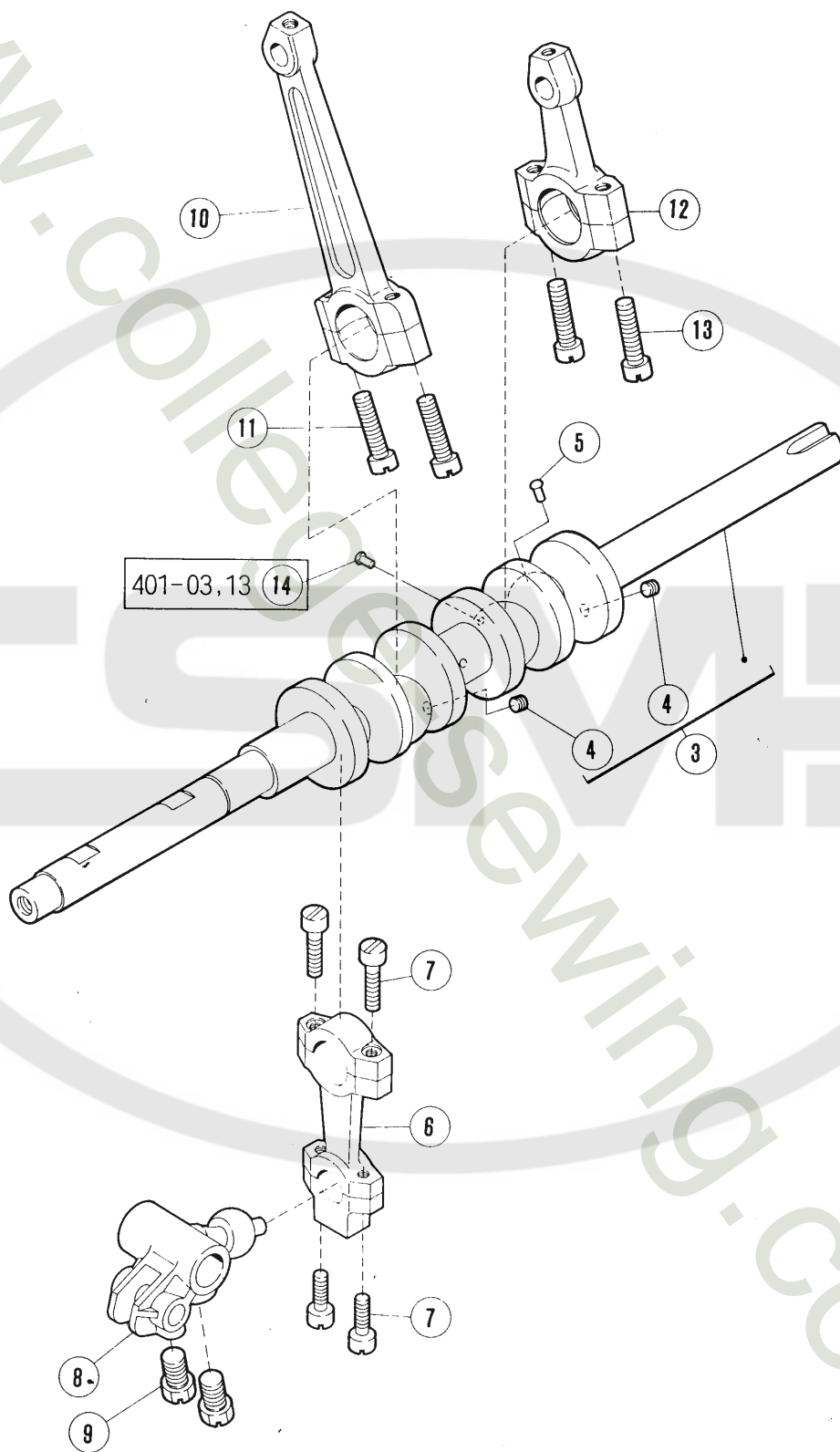
| REF.<br>NO. | PART NO.   | NAME                          | QT. |
|-------------|------------|-------------------------------|-----|
| 1           | 208581-HD  | TOP COVER                     | 1   |
| 2           | 5152       | SCREW                         | 4   |
| 3           | 206457     | OIL SIGHT WINDOW              | 1   |
| 4           | 206682     | GASKET                        | 1   |
| 5           | 208802     | THREAD GUIDE BAR              | 1   |
| 6           | 200098     | WASHER                        | 1   |
| 7           | 3044       | NUT                           | 1   |
| 8           | 208339     | PLUG                          | 1   |
| 9           | 208482     | CUSHION RUBBER                | 2   |
| 10          | 5091       | SCREW                         | 2   |
| 11          | 208481     | O RING                        | 1   |
| 12          | 208919     | BED PLATE COMPLETE (LEFT)     | 1   |
| 13          | 208921     | GASKET                        | 1   |
| 14          | 4009-1     | SCREW                         | 7   |
| 15          | 5482       | SCREW                         | 1   |
| 16          | 208341     | BED COVER PLATE (RIGHT)       | 1   |
| 17          | 208342     | GASKET                        | 1   |
| 18          | 5117       | SCREW                         | 6   |
| 19          | 208023A-HD | NEEDLE BAR COVER              | 1   |
| 20          | 202653     | SCREW                         | 2   |
| 21          | 208725     | NAME PLATE                    | 1   |
| 22          | 202689     | FLAT SPRING                   | 1   |
| 23          | 1234       | SCREW                         | 2   |
| 24          | 204223     | FLAT SPRING                   | 1   |
| 25          | 4009-1     | SCREW                         | 1   |
| 26          | 198192     | CUSHION RUBBER                | 1   |
| 27          | 208747     | EYE GUARD COMPLETE            | 1   |
| 28          | 208744     | EYE GUARD BRACKET COMPLETE    | 1   |
| 29          | 205685     | EYE GUARD                     | 1   |
| 30          | 1175-3     | SCREW                         | 2   |
| 31          | 3091       | NUT                           | 2   |
| 32          | 137906     | WASHER                        | 2   |
| 33          | 204243     | RUBBER PLUG                   | 1   |
| 34          | 204848A    | FABRIC GUARD                  | 1   |
| 35          | 5458       | SCREW                         | 2   |
| 36          | 208383     | FRONT COVER (RIGHT)           | 1   |
| 37          | 208384     | FRONT COVER (LEFT)            | 1   |
| 38          | 208583     | AUX. PLATE (LEFT)/FRONT COVER | 1   |
| 39          | 208645     | AUX. PLATE (LEFT)/FRONT COVER | 1   |
| 40          | 1175-3     | SCREW                         | 2   |
| 41          | 201252     | SPRING WASHER                 | 2   |
| 42          | 208009     | PIN                           | 1   |
| 43          | 5146       | SCREW                         | 2   |
| 44          | 208010     | SPRING                        | 1   |
| 45          | 200555     | RING                          | 1   |
| 46          | 208008-FD  | HINGE/FRONT COVER             | 1   |
| 47          | 1216       | SCREW                         | 3   |
| 48          | 5094       | SCREW                         | 1   |
| 49          | 5137       | NUT                           | 1   |



# CRANKSHAFT DRIVE MECHANISM (1)

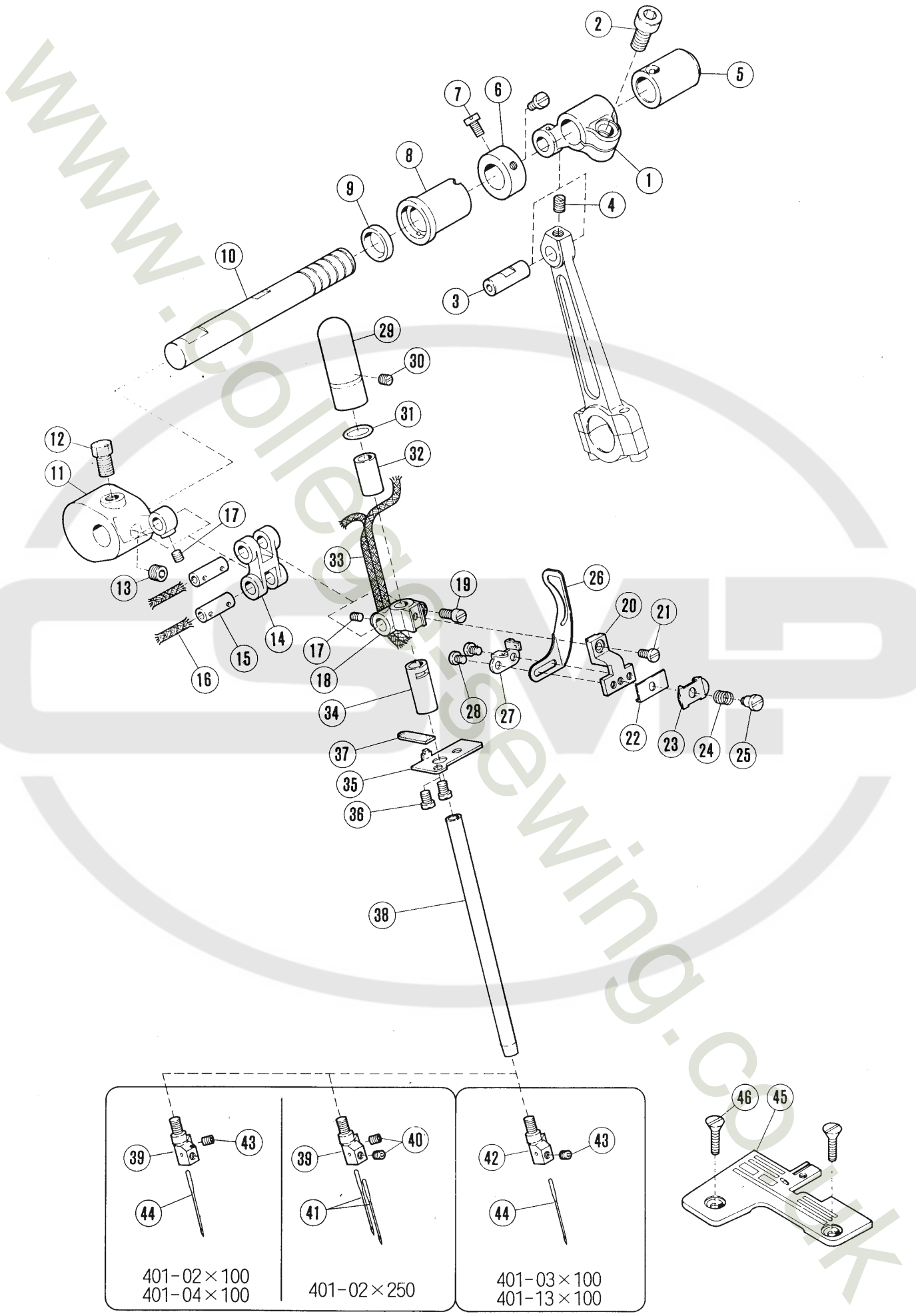
| REF.<br>NO. | PART NO.  | NAME                  | QT. |
|-------------|-----------|-----------------------|-----|
| 1           | 208932-HD | MACHINE PULLEY        | 1   |
| 2           | 5080      | SCREW                 | 1   |
| 3           | 5081      | SCREW                 | 1   |
| 4           | 5549      | SCREW                 | 1   |
| 5           | 204023    | WASHER                | 1   |
| 6           | 204026    | SPACER                | 1   |
| 7           | 5267      | SCREW                 | 1   |
| 8           | 204198    | COOLING FAN           | 1   |
| 9           | 208476    | OIL SEAL COLLAR       | 1   |
| 10          | 208272    | O RING                | 1   |
| 11          | 208477    | PLATE                 | 1   |
| 12          | 204022    | GASKET                | 1   |
| 13          | 5117      | SCREW                 | 4   |
| 14          | 204020A   | BUSHING               | 1   |
| 15          | 204019A   | SPACER                | 1   |
| 16          | 204018    | SPRING                | 4   |
| 17          | 201523A   | BALL BEARING          | 1   |
| 18          | 204186A   | WORM                  | 1   |
| 19          | 2022      | SCREW                 | 1   |
| 20          | 5304      | SCREW                 | 1   |
| 21          | 207358    | OIL FELT              | 1   |
| 22          | 204016    | BUSHING               | 1   |
| 23          | 1170-1    | SCREW                 | 2   |
| 24          | 5240      | SCREW                 | 1   |
| 25          | 204014    | BUSHING               | 1   |
| 26          | 240102    | WASHER                | 1   |
| 27          | 204010    | BUSHING               | 1   |
| 28          | 204873    | CRANK SHAFT EXTENSION | 1   |
| 29          | 204881    | HOUSING               | 1   |
| 30          | 204319    | GASKET                | 1   |
| 31          | 5328      | SCREW                 | 4   |

|   |             |            |
|---|-------------|------------|
| 1 | 3 ~ 13      | 401-02, 04 |
| 2 | 3 ~ 11 • 14 | 401-03, 13 |



# CRANKSHAFT DRIVE MECHANISM (2)

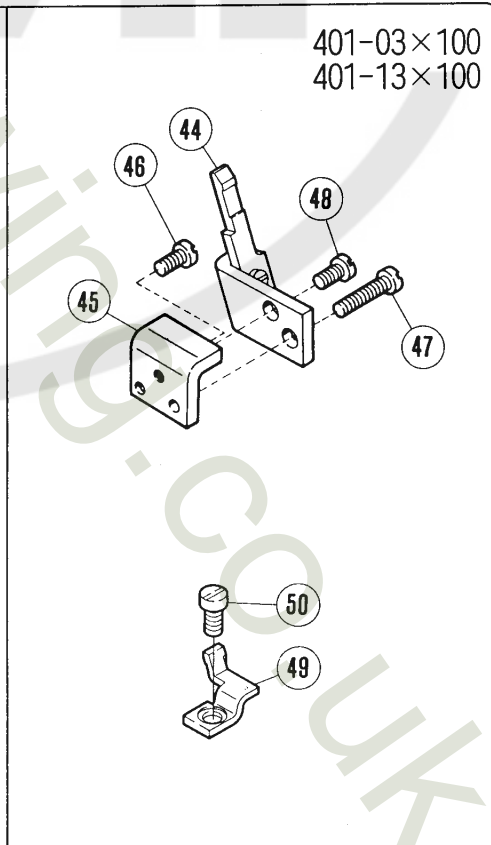
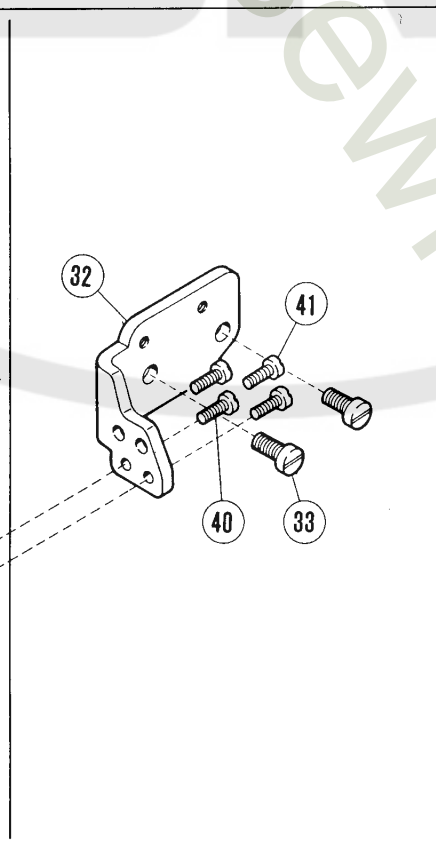
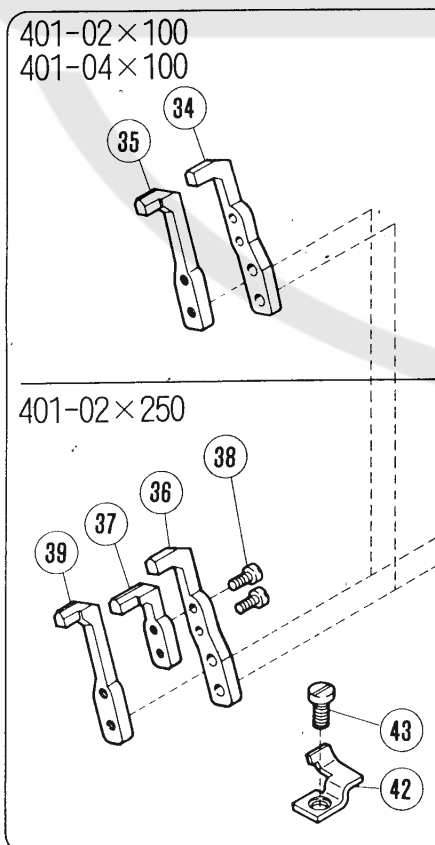
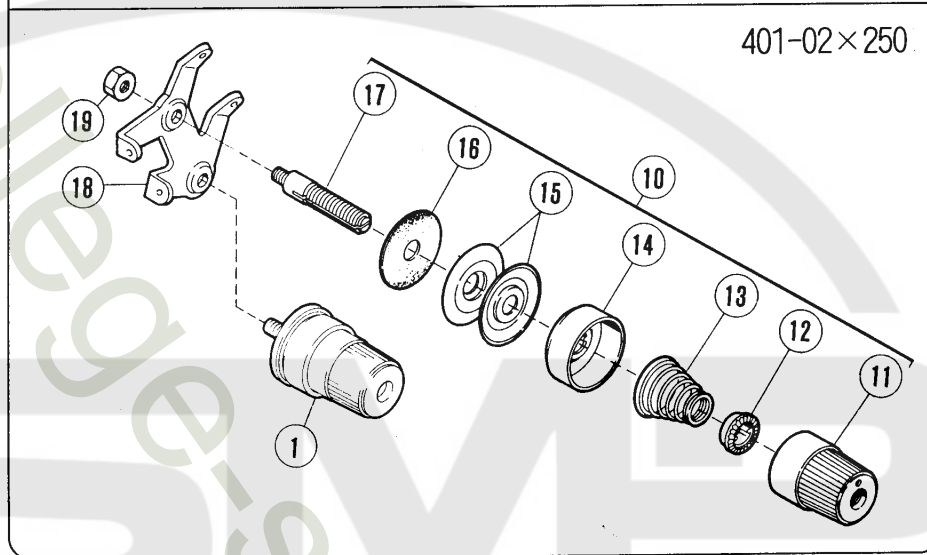
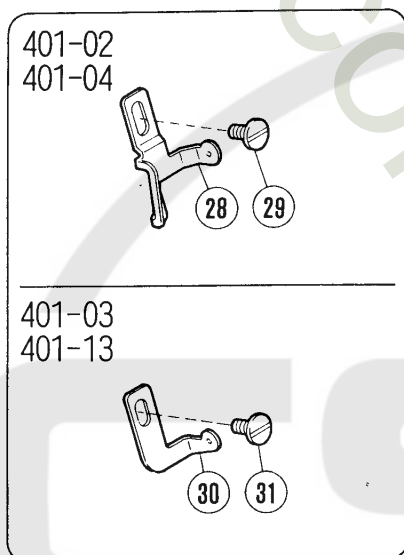
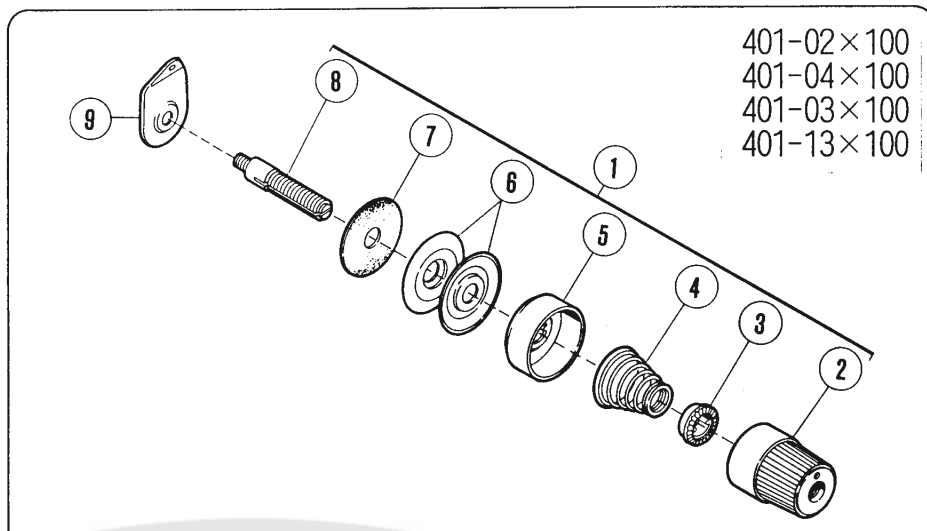
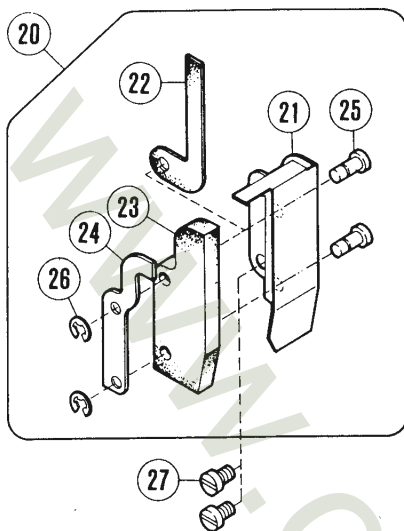
| REF.<br>NO. | PART NO. | NAME                         | QT. |
|-------------|----------|------------------------------|-----|
| 1           | 209367HY | CRANKSHAFT ASSEMBLY          | 1   |
| 2           | 209367JY | CRANKSHAFT ASSEMBLY          | 1   |
| 3           | 208951   | CRANKSHAFT                   | 1   |
| 4           | 1459     | SCREW                        | 2   |
| 5           | 208627   | OIL PLUG                     | 1   |
| 6           | 208346   | CONNECTION                   | 1   |
| 7           | 5376     | SCREW                        | 4   |
| 8           | 208192   | CRANK                        | 1   |
| 9           | 2022-4   | SCREW                        | 2   |
| 10          | 204029   | CONNECTION                   | 1   |
| 11          | 5233     | SCREW                        | 2   |
| 12          | 204145A  | DRIVE CONNECTION/UPPER KNIFE | 1   |
| 13          | 5233     | SCREW                        | 2   |
| 14          | 208267   | PLUG                         | 1   |



# NEEDLE DRIVE MECHANISM (1)

PLEASE NOTE : 「××××××」 is one of the gauge parts.  
So please refer to pages 44~46 and  
confirm the correct parts.

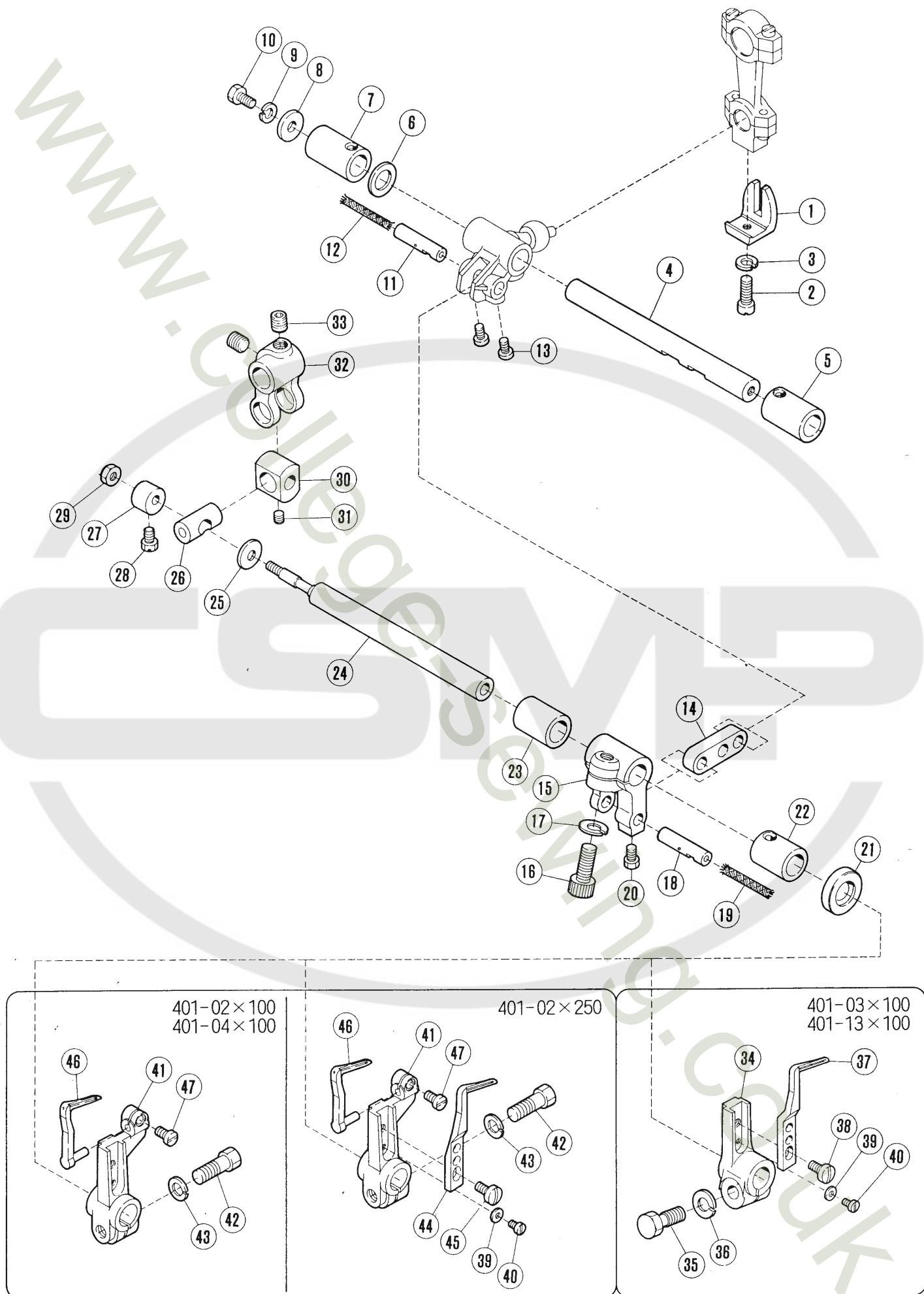
| REF.<br>NO. | PART NO. | NAME                           | QT. |
|-------------|----------|--------------------------------|-----|
| 1           | 201360B  | CRANK                          | 1   |
| 2           | 5381     | SCREW                          | 1   |
| 3           | 205495   | PIN                            | 1   |
| 4           | 5234     | SCREW                          | 1   |
| 5           | 208249   | BUSHING                        | 1   |
| 6           | 201117   | COLLAR                         | 1   |
| 7           | 5328     | SCREW                          | 2   |
| 8           | 208248   | BUSHING                        | 1   |
| 9           | 208250   | OIL SEAL                       | 1   |
| 10          | 208247   | SHAFT                          | 1   |
| 11          | 208424   | CRANK/NEEDLE BAR               | 1   |
| 12          | 2022-4   | SCREW                          | 1   |
| 13          | 5312     | SCREW                          | 1   |
| 14          | 208425   | LINK/NEEDLE BAR DRIVE          | 1   |
| 15          | 200654   | PIN                            | 2   |
| 16          | 202176   | OIL WICK                       | 2   |
| 17          | 5292     | SCREW                          | 2   |
| 18          | 208427   | NEEDLE BAR CLAMP               | 1   |
| 19          | 1170-3   | SCREW                          | 1   |
| 20          | 208382   | NEEDLE THREAD RETAINER BRACKET | 1   |
| 21          | 5359     | SCREW                          | 1   |
| 22          | 202495   | GUIDE                          | 1   |
| 23          | 200041   | GUIDE                          | 1   |
| 24          | 209068   | SPRING                         | 1   |
| 25          | 9070-2   | SCREW                          | 1   |
| 26          | 202706A  | THREAD TAKEUP                  | 1   |
| 27          | 208381   | THREAD GUIDE                   | 1   |
| 28          | 1186     | SCREW                          | 2   |
| 29          | 208621   | CAP                            | 1   |
| 30          | 1457     | SCREW                          | 1   |
| 31          | 200030   | O RING                         | 1   |
| 32          | 204625A  | BUSHING                        | 1   |
| 33          | 212186   | OIL WICK                       | 1   |
| 34          | 204627A  | BUSHING                        | 1   |
| 35          | 208616   | DUST SHIELD                    | 1   |
| 36          | 5053     | SCREW                          | 2   |
| 37          | 208617   | OIL FELT                       | 1   |
| 38          | 208903   | NEEDLE BAR                     | 1   |
| 39          | XXXXXX   | NEEDLE HOLDER                  | 1   |
| 40          | 5292     | SCREW                          | 2   |
| 41          | DCX27    | NEEDLE                         | 2   |
| 42          | XXXXXX   | NEEDLE HOLDER                  | 1   |
| 43          | 5292     | SCREW                          | 1   |
| 44          | DCX27    | NEEDLE                         | 1   |
| 45          | XXXXXX   | NEEDLE PLATE                   | 1   |
| 46          | 1732-HC  | SCREW                          | 2   |





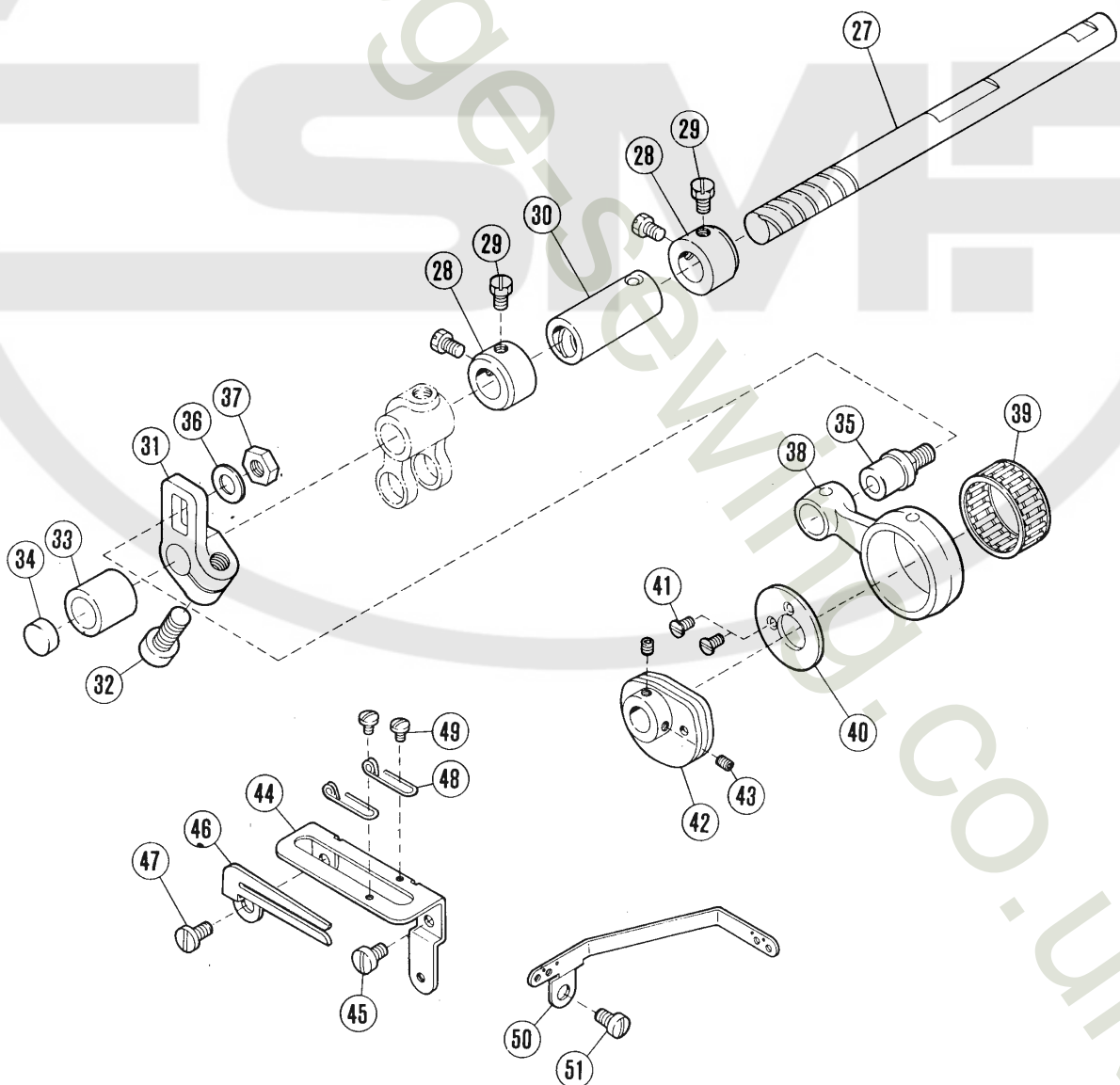
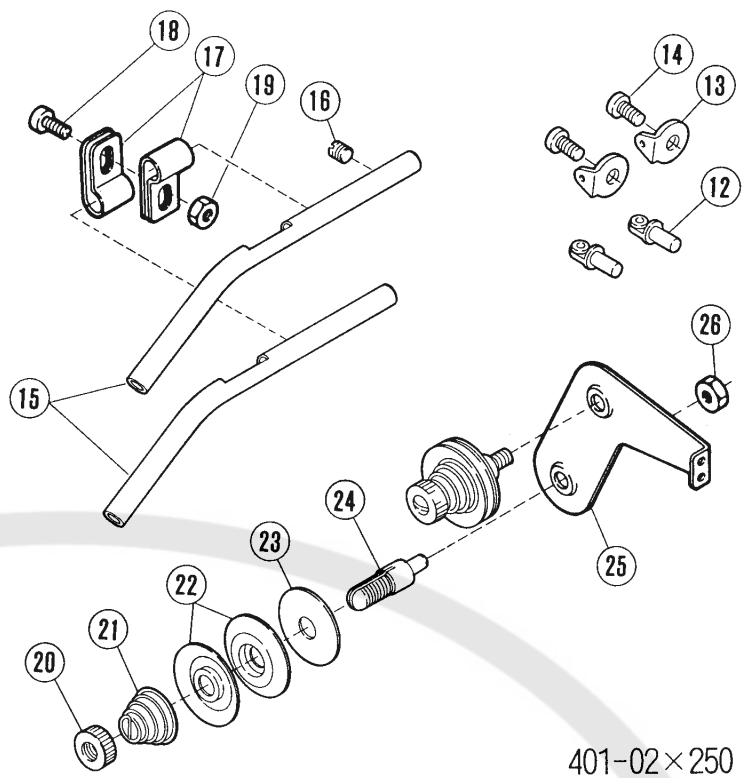
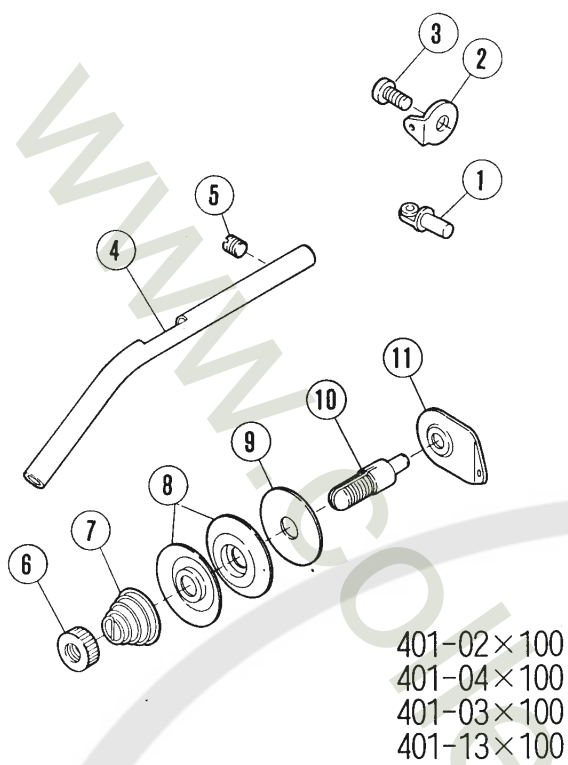
# NEEDLE DRIVE MECHANISM (2)

| REF.<br>NO. | PART NO. | NAME                           | QT. |
|-------------|----------|--------------------------------|-----|
| 1           | 210529   | THREAD TENSION COMPLETE        | 1   |
| 2           | 208447   | POST NUT                       | 1   |
| 3           | 208448   | SPRING BUSHING                 | 1   |
| 4           | 201037   | SPRING (HEAVY)                 | 1   |
| 5           | 208450   | CUP                            | 1   |
| 6           | 210319   | TENSION DISC                   | 2   |
| 7           | 208449   | FELT                           | 1   |
| 8           | 5082A    | SCREW STUD                     | 1   |
| 9           | 202849   | TENSION GUIDE                  | 1   |
| 10          | 209174   | THREAD TENSION COMPLETE        | 1   |
| 11          | 208447   | POST NUT                       | 1   |
| 12          | 208448   | SPRING BUSHING                 | 1   |
| 13          | 201037   | SPRING (HEAVY)                 | 1   |
| 14          | 208450   | CUP                            | 1   |
| 15          | 210319   | TENSION DISC                   | 2   |
| 16          | 208449   | FELT                           | 1   |
| 17          | 5143A    | STUD                           | 1   |
| 18          | 208307   | TENSION GUIDE                  | 1   |
| 19          | 5137     | NUT                            | 1   |
| 20          | 208568   | NEEDLE BAR LINK COVER COMPLETE | 1   |
| 21          | 208560   | NEEDLE BAR LINK COVER          | 1   |
| 22          | 208561   | OIL FELT                       | 1   |
| 23          | 208562   | OIL FELT                       | 1   |
| 24          | 208563   | OIL FELT PLATE                 | 1   |
| 25          | 208713   | PIN                            | 2   |
| 26          | 200555   | RING                           | 2   |
| 27          | 5113     | SCREW                          | 2   |
| 28          | 208312   | THREAD GUIDE                   | 1   |
| 29          | 4009-1   | SCREW                          | 1   |
| 30          | 208400   | THREAD GUIDE                   | 1   |
| 31          | 4009-1   | SCREW                          | 1   |
| 32          | 208359   | NEEDLE GUARD BRACKET           | 1   |
| 33          | 5117     | SCREW                          | 2   |
| 34          | 208357   | NEEDLE GUARD (FRONT)           | 1   |
| 35          | 208356   | NEEDLE GUARD (REAR)            | 1   |
| 36          | 208357   | NEEDLE GUARD (FRONT)           | 1   |
| 37          | 208358   | NEEDLE GUARD (FRONT)           | 1   |
| 38          | 5336     | SCREW                          | 2   |
| 39          | 208356   | NEEDLE GUARD (REAR)            | 1   |
| 40          | 5029     | SCREW                          | 2   |
| 41          | 5029     | SCREW                          | 2   |
| 42          | 204042   | NEEDLE GUARD (FRONT)           | 1   |
| 43          | 5227     | SCREW                          | 1   |
| 44          | 204521   | NEEDLE GUARD (REAR)            | 1   |
| 45          | 204160A  | GUIDE/LOWER BAR                | 1   |
| 46          | 1175-2   | SCREW                          | 1   |
| 47          | 5010     | SCREW                          | 1   |
| 48          | 1216     | SCREW                          | 1   |
| 49          | 204536   | NEEDLE GUARD (FRONT)           | 1   |
| 50          | 5227     | SCREW                          | 1   |



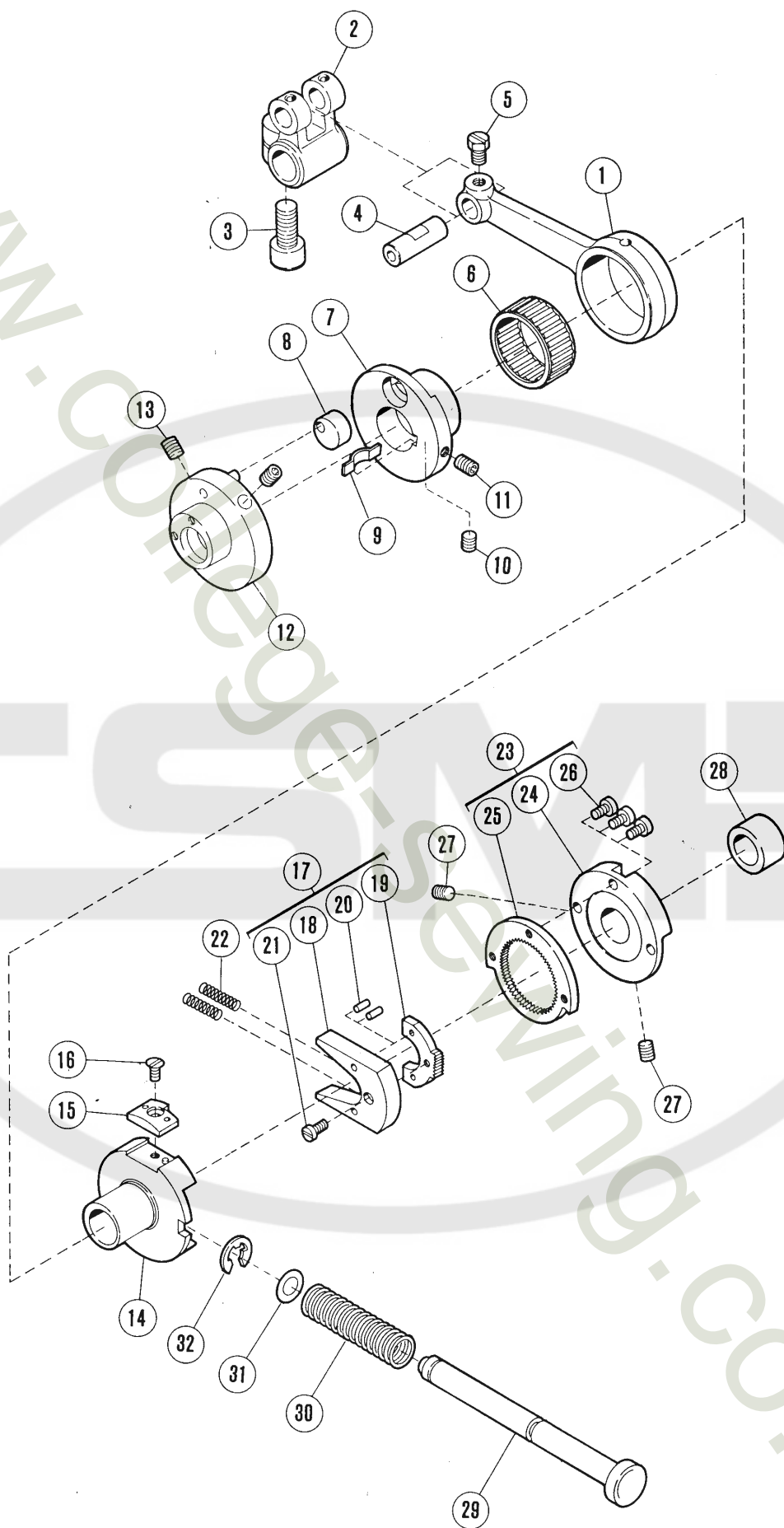
# LOOPER DRIVE MECHANISM (1)

| REF.<br>NO. | PART NO. | NAME                      | QT. |
|-------------|----------|---------------------------|-----|
| 1           | 201074A  | GUIDE                     | 1   |
| 2           | 5546     | SCREW                     | 1   |
| 3           | 202286   | SPRING WASHER             | 1   |
| 4           | 208582   | CRANKSHAFT                | 1   |
| 5           | 210124   | BUSHING                   | 1   |
| 6           | 240102   | WASHER                    | 1   |
| 7           | 210125   | BUSHING                   | 1   |
| 8           | 204107   | WASHER                    | 1   |
| 9           | 202286   | SPRING WASHER             | 1   |
| 10          | 2193     | SCREW                     | 1   |
| 11          | 208195   | PIN                       | 1   |
| 12          | 202176   | OIL WICK                  | 1   |
| 13          | 5328     | SCREW                     | 2   |
| 14          | 208194   | LINK/LOOPER DRIVE         | 1   |
| 15          | 210294   | CRANK/LOOPER DRIVE        | 1   |
| 16          | 5457     | SCREW                     | 1   |
| 17          | 204293   | SPRING WASHER             | 1   |
| 18          | 208195   | PIN                       | 1   |
| 19          | 202176   | OIL WICK                  | 1   |
| 20          | 5084     | SCREW                     | 1   |
| 21          | 210586   | OIL SEAL                  | 1   |
| 22          | 210296   | BUSHING                   | 1   |
| 23          | 210297   | BUSHING                   | 1   |
| 24          | 208196   | SHAFT/LOOPER DRIVE        | 1   |
| 25          | 208028   | WASHER                    | 1   |
| 26          | 208026   | PIN                       | 1   |
| 27          | 208029   | COLLAR                    | 1   |
| 28          | 5084     | SCREW                     | 1   |
| 29          | 4802     | NUT                       | 1   |
| 30          | 208027   | BLOCK                     | 1   |
| 31          | 5292     | SCREW                     | 1   |
| 32          | 208025   | LINK/LOOPER AVOIDING      | 1   |
| 33          | 5385     | SCREW                     | 2   |
| 34          | 204093   | LEVER                     | 1   |
| 35          | 5284     | SCREW                     | 1   |
| 36          | 204293   | SPRING WASHER             | 1   |
| 37          | 204314A  | DOUBLE CHAINSTITCH LOOPER | 1   |
| 38          | 1189     | SCREW                     | 1   |
| 39          | 204172   | WASHER                    | 1   |
| 40          | 2922     | SCREW                     | 1   |
| 41          | 208361   | DOUBLE CHAINSTITCH LOOPER | 1   |
| 42          | 5284     | SCREW                     | 1   |
| 43          | 204293   | SPRING WASHER             | 1   |
| 44          | 204431   | DOUBLE CHAINSTITCH LOOPER | 1   |
| 45          | 1189     | SCREW                     | 1   |
| 46          | 208360   | DOUBLE CHAINSTITCH LOOPER | 1   |
| 47          | 5328     | SCREW                     | 1   |



# LOOPER DRIVE MECHANISM (2)

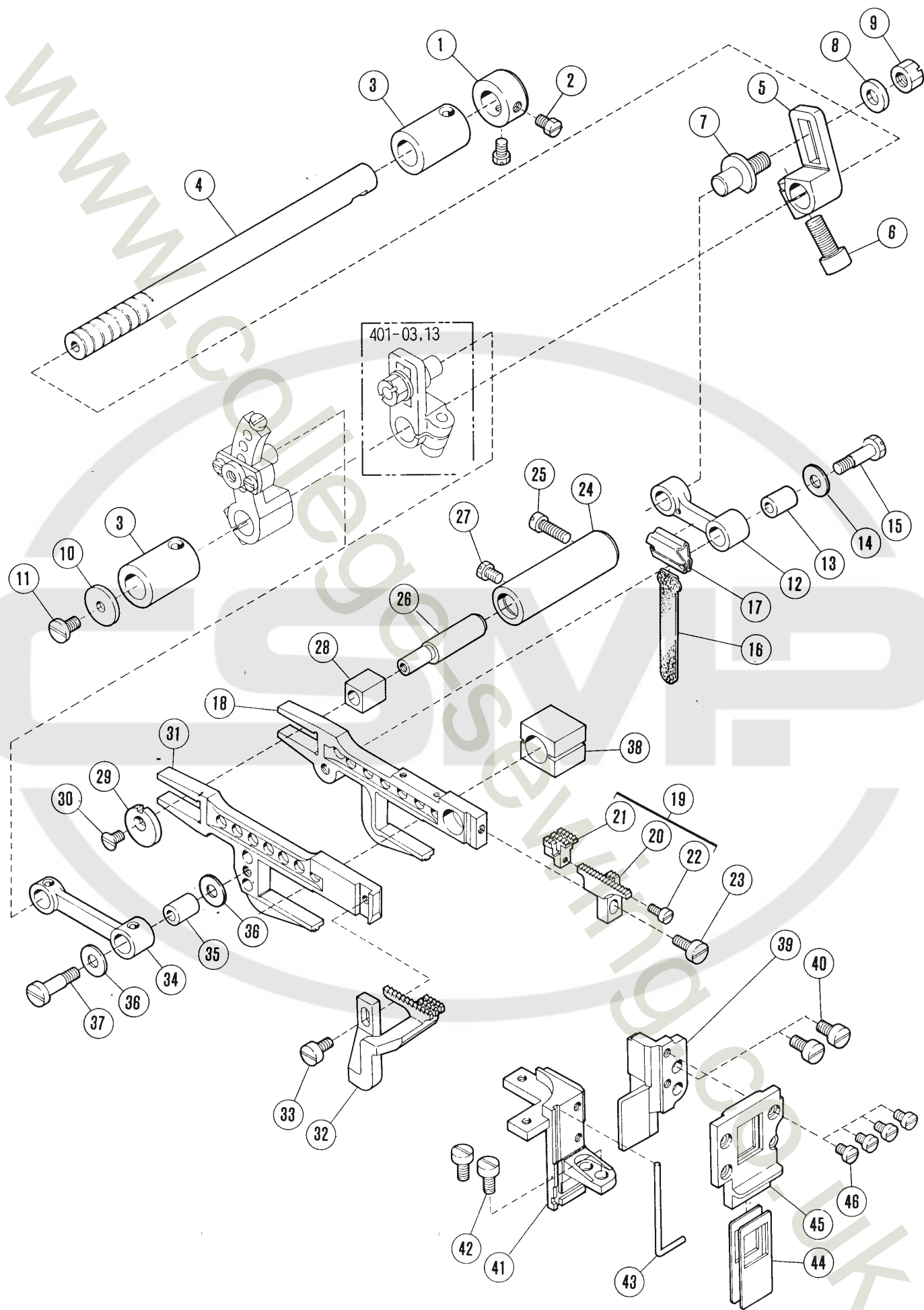
| REF.<br>NO. | PART NO. | NAME                       | QT. |
|-------------|----------|----------------------------|-----|
| 1           | 201048A  | THREAD EYELET              | 1   |
| 2           | 167079   | THREAD EYELET              | 1   |
| 3           | 5091     | SCREW                      | 1   |
| 4           | 204099   | PIPE                       | 1   |
| 5           | 1457     | SCREW                      | 1   |
| 6           | 3056     | NUT                        | 1   |
| 7           | 167077   | SPRING                     | 1   |
| 8           | 210319   | TENSION DISC               | 1   |
| 9           | 208449   | FELT                       | 1   |
| 10          | 167072   | TENSION POST               | 1   |
| 11          | 202849   | TENSION GUIDE              | 1   |
| 12          | 201048A  | THREAD EYELET              | 2   |
| 13          | 167079   | THREAD EYELET              | 2   |
| 14          | 5091     | SCREW                      | 2   |
| 15          | 204099   | PIPE                       | 2   |
| 16          | 1457     | SCREW                      | 1   |
| 17          | 206115   | HOLDER                     | 2   |
| 18          | 2905     | SCREW                      | 1   |
| 19          | 3044     | NUT                        | 1   |
| 20          | 3056     | NUT                        | 2   |
| 21          | 167077   | SPRING                     | 2   |
| 22          | 210319   | TENSION DISC               | 4   |
| 23          | 208449   | FELT                       | 2   |
| 24          | 167072   | TENSION POST               | 2   |
| 25          | 208363   | THREAD TENSION BRACKET     | 1   |
| 26          | 3044     | NUT                        | 1   |
| 27          | 204874   | SHAFT/LOOPER AVOIDING      | 1   |
| 28          | 201056   | COLLAR                     | 2   |
| 29          | 5084     | SCREW                      | 4   |
| 30          | 204089   | BUSHING                    | 1   |
| 31          | 210287   | CRANK/LOOPER AVOIDING      | 1   |
| 32          | 5457     | SCREW                      | 1   |
| 33          | 210292   | BUSHING                    | 1   |
| 34          | 205088   | PLUG                       | 1   |
| 35          | 210285   | PIN                        | 1   |
| 36          | 202433   | WASHER                     | 1   |
| 37          | 5455     | NUT                        | 1   |
| 38          | 210284   | CONNECTION/LOOPER AVOIDING | 1   |
| 39          | 205015   | NEEDLE BEARING             | 1   |
| 40          | 210283   | COLLAR                     | 1   |
| 41          | 5259     | SCREW                      | 2   |
| 42          | 204095A  | THREAD TAKEUP              | 1   |
| 43          | 5292     | SCREW                      | 2   |
| 44          | 204097A  | BRACKET                    | 1   |
| 45          | 5113     | SCREW                      | 1   |
| 46          | 204096   | THREAD TAKEUP              | 1   |
| 47          | 4009-1   | SCREW                      | 1   |
| 48          | 204324   | THREAD EYELET              | 2   |
| 49          | 5077     | SCREW                      | 2   |
| 50          | 208362   | THREAD GUIDE               | 1   |
| 51          | 5113     | SCREW                      | 1   |



# FEED MECHANISM (1)

| REF.<br>NO. | PART NO. | NAME                      | QT. |
|-------------|----------|---------------------------|-----|
| 1           | 204100   | CONNECTION                | 1   |
| 2           | 204085   | CRANK/FEED DRIVE          | 1   |
| 3           | 5381     | SCREW                     | 1   |
| 4           | 205495   | PIN                       | 1   |
| 5           | 5084     | SCREW                     | 1   |
| 6           | 204084   | NEEDLE BEARING            | 1   |
| 7           | 210127   | ECCENTRIC/FEED DRIVE      | 1   |
| 8           | 210129   | GUIDE/FEED ECCENTRIC      | 1   |
| 9           | 210130   | FLAT SPRING               | 1   |
| 10          | 5292     | SCREW                     | 1   |
| 11          | 5427     | SCREW                     | 1   |
| 12          | 210282A  | ECCENTRIC/LOOPER AVOIDING | 1   |
| 13          | 5461     | SCREW                     | 2   |
| 14          | 211802A  | ECCENTRIC/FEED REGULATING | 1   |
| 15          | 211804   | STOPPER                   | 1   |
| 16          | 5437     | SCREW                     | 1   |
| 17          | 208411   | FEED REGULATING RATCHET   | 1   |
| 18          | 208413   | BRACKET                   | 1   |
| 19          | 208412   | RATCHET                   | 1   |
| 20          | 206781   | PIN                       | 2   |
| 21          | 5336     | SCREW                     | 1   |
| 22          | 208415   | SPRING                    | 2   |
| 23          | 210136   | RATCHET WHEEL COMPLETE    | 1   |
| 24          | 211807   | BRACKET                   | 1   |
| 25          | 211806   | WHEEL                     | 1   |
| 26          | 5157     | SCREW                     | 3   |
| 27          | 5461     | SCREW                     | 2   |
| 28          | 208944   | SPACER                    | 1   |
| 29          | 209304   | PUSH BUTTON               | 1   |
| 30          | 208421   | SPRING                    | 1   |
| 31          | 208949   | O. RING                   | 1   |
| 32          | 202522   | RING                      | 1   |





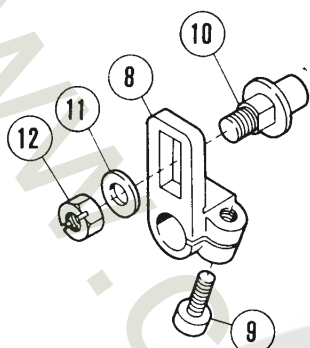


# FEED MECHANISM (2)

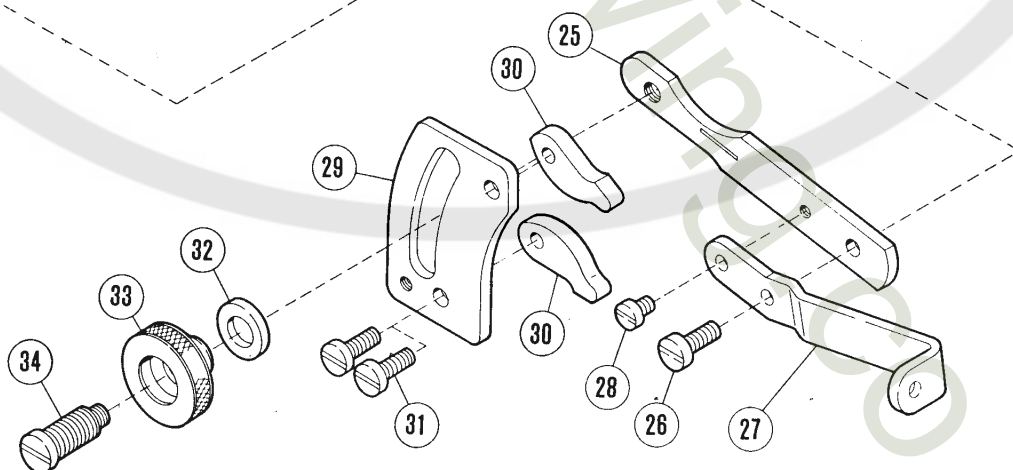
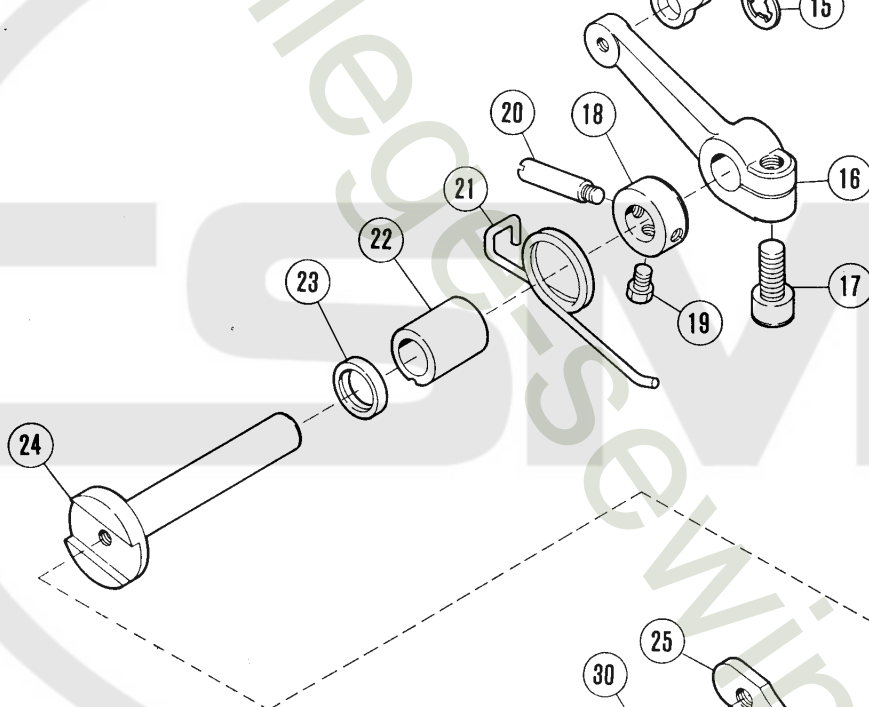
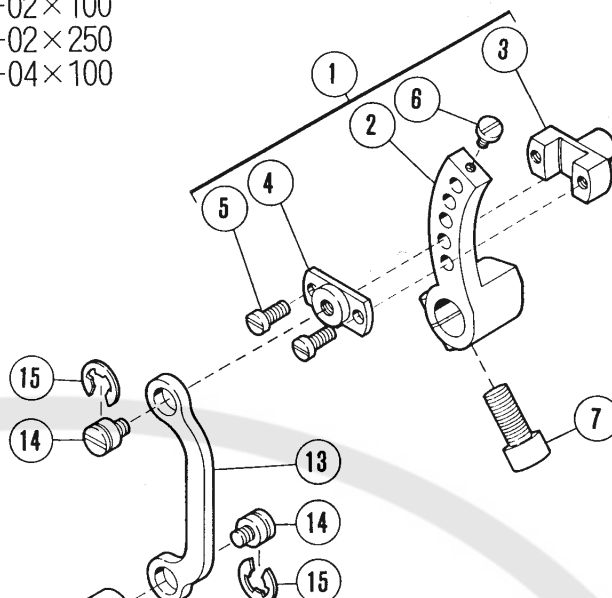
PLEASE NOTE : 「×××××」 is one of the gauge parts.  
So please refer to pages 44~46 and confirm the correct parts.

| REF.<br>NO. | PART NO. | NAME                      | QT. |
|-------------|----------|---------------------------|-----|
| 1           | 201056   | COLLAR                    | 1   |
| 2           | 5084     | SCREW                     | 2   |
| 3           | 209169   | BUSHING                   | 2   |
| 4           | 204751   | SHAFT                     | 1   |
| 5           | 208284   | CRANK/MAIN FEED           | 1   |
| 6           | 5381     | SCREW                     | 1   |
| 7           | 208285   | SCREW                     | 1   |
| 8           | 208286   | WASHER                    | 1   |
| 9           | 5455     | NUT                       | 1   |
| 10          | 204107   | WASHER                    | 1   |
| 11          | 4009-1   | SCREW                     | 1   |
| 12          | 204111A  | LINK/MAIN FEED            | 1   |
| 13          | 204114   | BUSHING                   | 1   |
| 14          | 204115   | WASHER                    | 1   |
| 15          | 5231     | SCREW                     | 1   |
| 16          | 204618   | OIL WICK                  | 1   |
| 17          | 204588   | RETAINER                  | 1   |
| 18          | 204123A  | MAIN FEED BAR             | 1   |
| 19          | XXXXXX   | MAIN FEED DOG COMPLETE    | 1   |
| 20          | XXXXXX   | MAIN FEED DOG             | 1   |
| 21          | XXXXXX   | AUXILIARY FEED DOG        | 1   |
| 22          | 2922     | SCREW                     | 1   |
| 23          | 1175-2   | SCREW                     | 1   |
| 24          | 204129A  | BUSHING                   | 1   |
| 25          | 2133-1   | SCREW                     | 1   |
| 26          | 204128A  | PIN                       | 1   |
| 27          | 5084     | SCREW                     | 1   |
| 28          | 205857   | BLOCK/FEED BAR GUIDE      | 1   |
| 29          | 204439A  | WASHER                    | 1   |
| 30          | 5317     | SCREW                     | 1   |
| 31          | 204124   | DIFFERENTIAL FEED BAR     | 1   |
| 32          | XXXXXX   | DIFFERENTIAL FEED DOG     | 1   |
| 33          | 1189     | SCREW                     | 1   |
| 34          | 204122   | LINK/DIFFERENTIAL FEED    | 1   |
| 35          | 204114   | BUSHING                   | 1   |
| 36          | 204115   | WASHER                    | 2   |
| 37          | 5231     | SCREW                     | 1   |
| 38          | 204810   | BLOCK/FEED BAR LIFT       | 1   |
| 39          | 208108   | GUIDE (RIGHT)/FEED BAR    | 1   |
| 40          | 5205     | SCREW                     | 2   |
| 41          | 208952   | GUIDE (LEFT)/FEED BAR     | 1   |
| 42          | 5205     | SCREW                     | 2   |
| 43          | 208168   | GASKET                    | 1   |
| 44          | 208109   | OIL SHIELD/FEED BAR GUIDE | 2   |
| 45          | 208625   | INSERT PLATE              | 1   |
| 46          | 5346     | SCREW                     | 4   |

401-03×100  
401-13×100



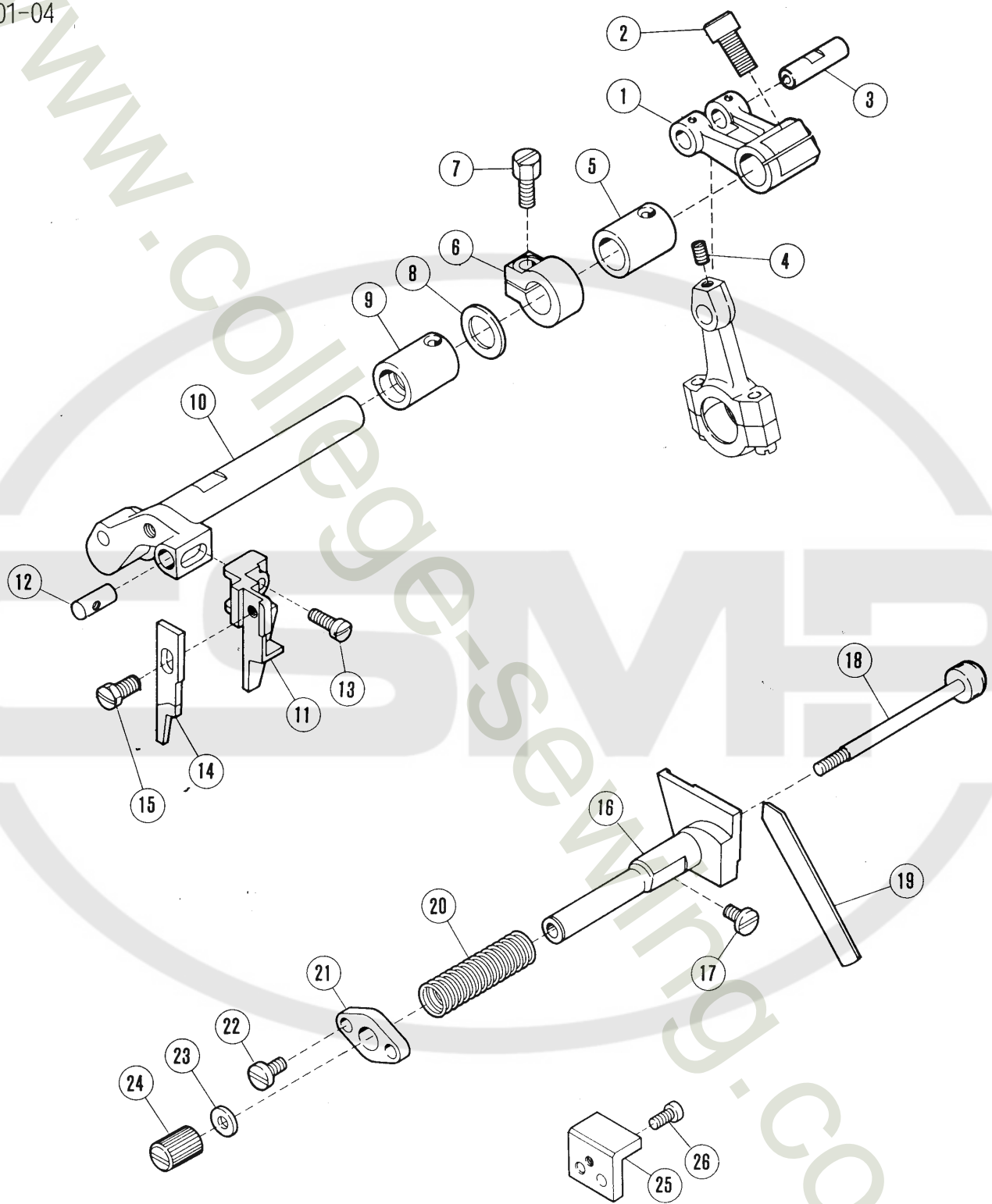
401-02×100  
401-02×250  
401-04×100



# FEED MECHANISM (3)

| REF.<br>NO. | PART NO. | NAME                          | QT. |
|-------------|----------|-------------------------------|-----|
| 1           | 208273   | REGULATOR COMPLETE/DIFF. FEED | 1   |
| 2           | 208274   | CRANK                         | 1   |
| 3           | 208275   | BLOCK                         | 1   |
| 4           | 208276   | COVER                         | 1   |
| 5           | 5029     | SCREW                         | 2   |
| 6           | 5141     | SCREW                         | 1   |
| 7           | 5381     | SCREW                         | 1   |
| 8           | 208755   | CRANK/DIFFERENTIAL FEED       | 1   |
| 9           | 5381     | SCREW                         | 1   |
| 10          | 208285   | SCREW                         | 1   |
| 11          | 208286   | WASHER                        | 1   |
| 12          | 5455     | NUT                           | 1   |
| 13          | 204140A  | LINK/DIFF. FEED REGULATING    | 1   |
| 14          | 5316     | SCREW                         | 2   |
| 15          | 202522   | RING                          | 2   |
| 16          | 204139A  | LEVER/DIFF. FEED REGULATING   | 1   |
| 17          | 5381     | SCREW                         | 1   |
| 18          | 204754A  | COLLAR                        | 1   |
| 19          | 5084     | SCREW                         | 1   |
| 20          | 204757   | PIN                           | 1   |
| 21          | 204756   | SPRING                        | 1   |
| 22          | 210164   | BUSHING                       | 1   |
| 23          | 204052A  | OIL SEAL                      | 1   |
| 24          | 204752   | SHAFT                         | 1   |
| 25          | 204755   | LEVER/DIFF. FEED REGULATING   | 1   |
| 26          | 5118     | SCREW                         | 1   |
| 27          | 204883   | LEVER                         | 1   |
| 28          | 1216     | SCREW                         | 1   |
| 29          | 204142B  | REGULATING PLATE              | 1   |
| 30          | 204143A  | STOPPER                       | 2   |
| 31          | 5118     | SCREW                         | 2   |
| 32          | 202868   | WASHER                        | 1   |
| 33          | 204870   | THUMB NUT                     | 1   |
| 34          | 5321A    | SCREW                         | 1   |

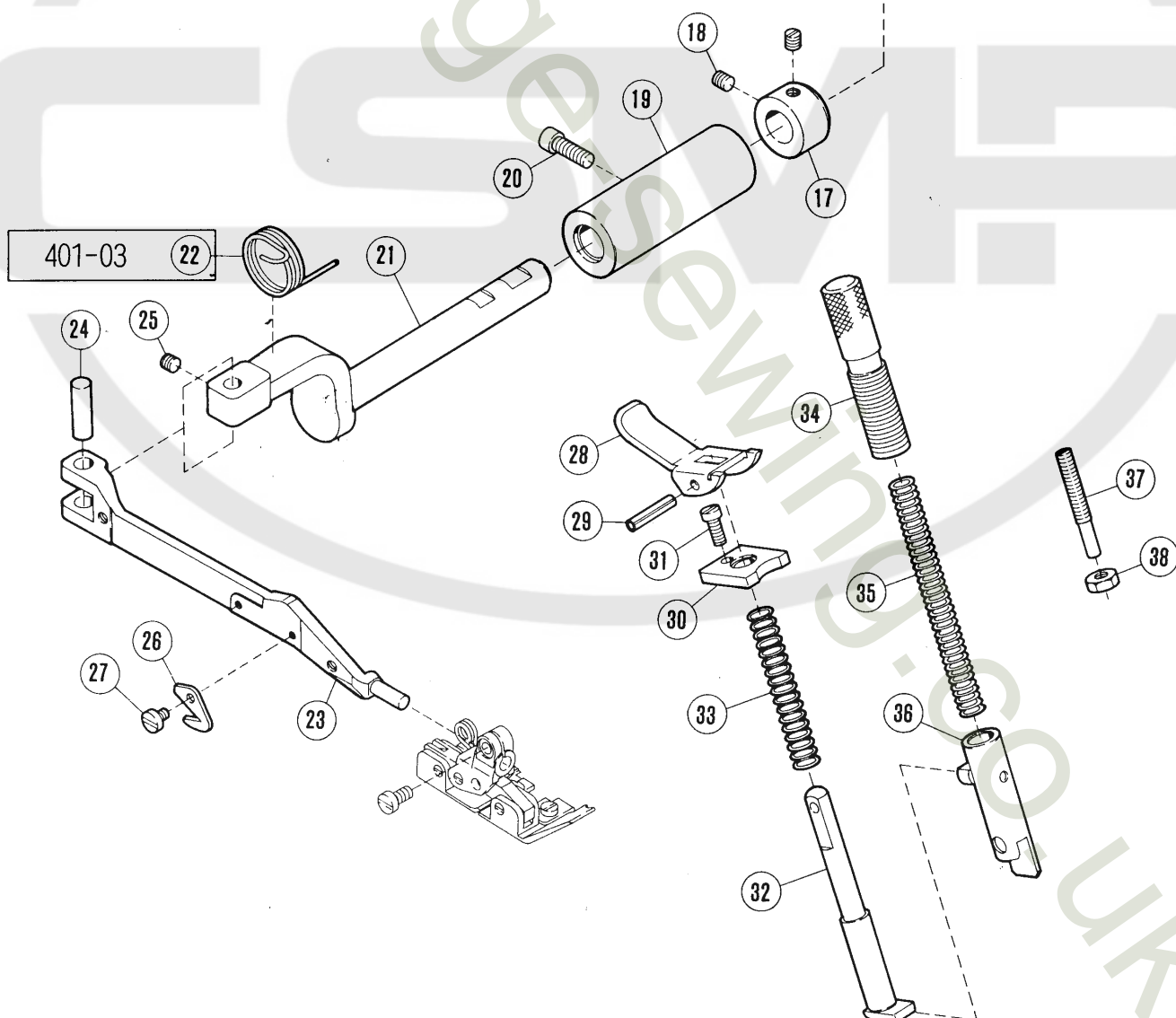
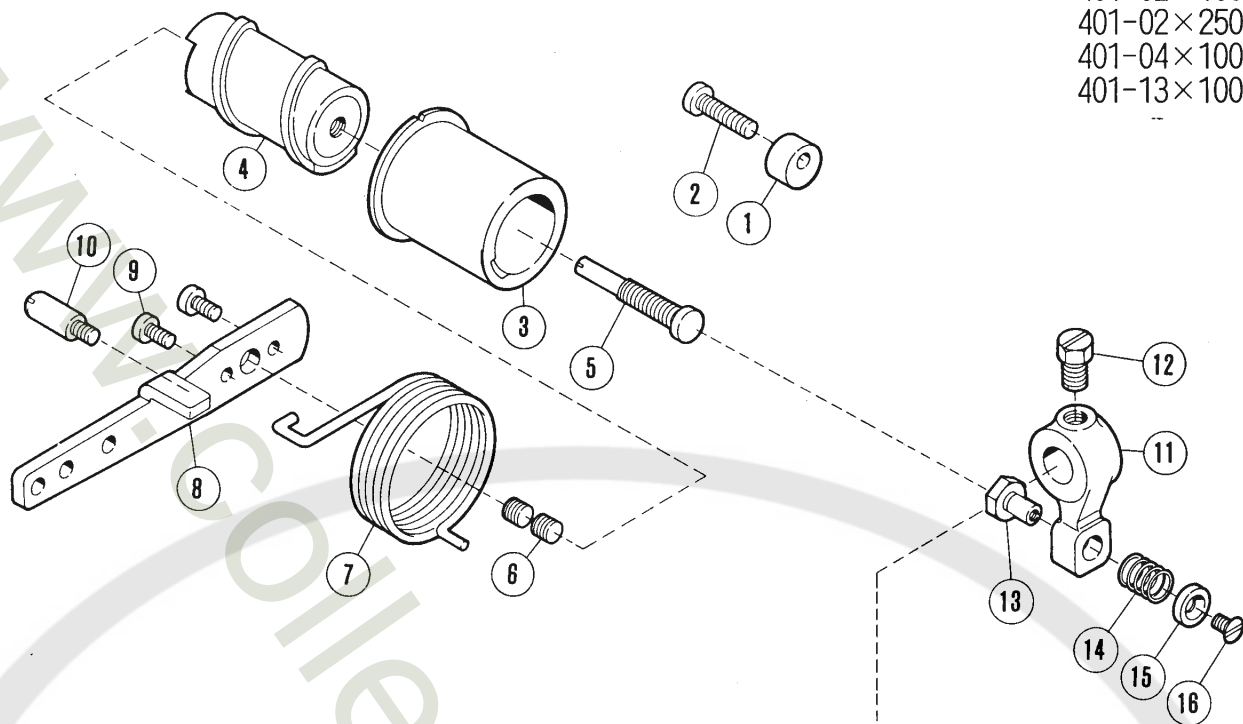
401-02  
401-04



# KNIFE DRIVE MECHANISM

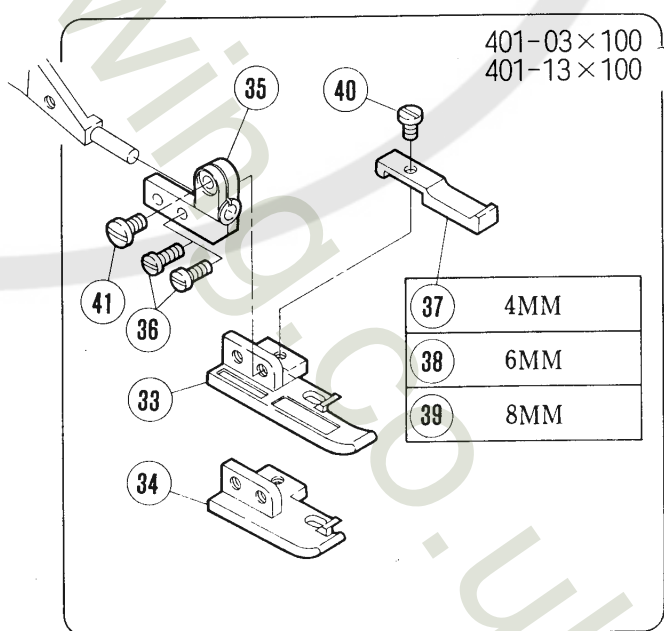
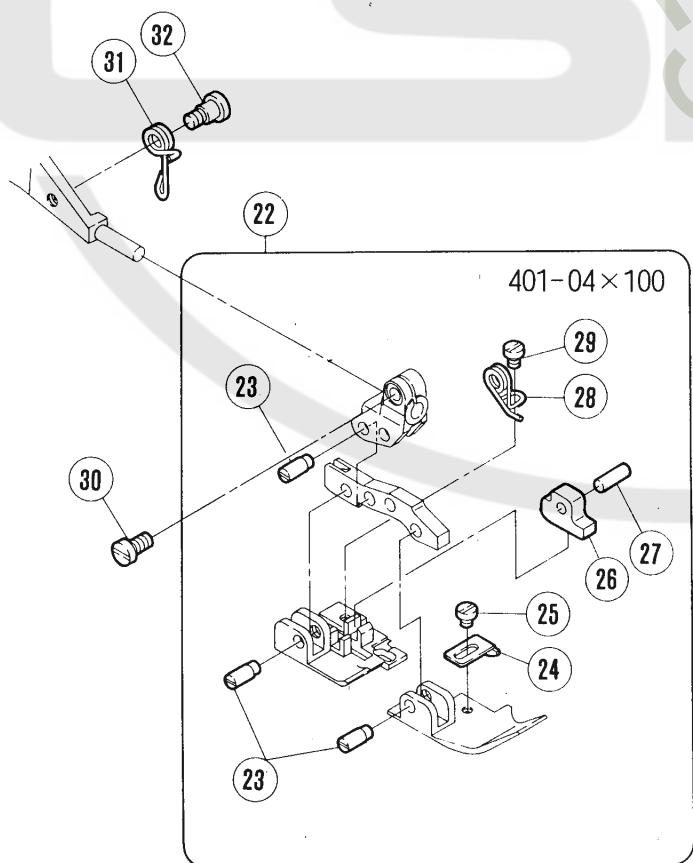
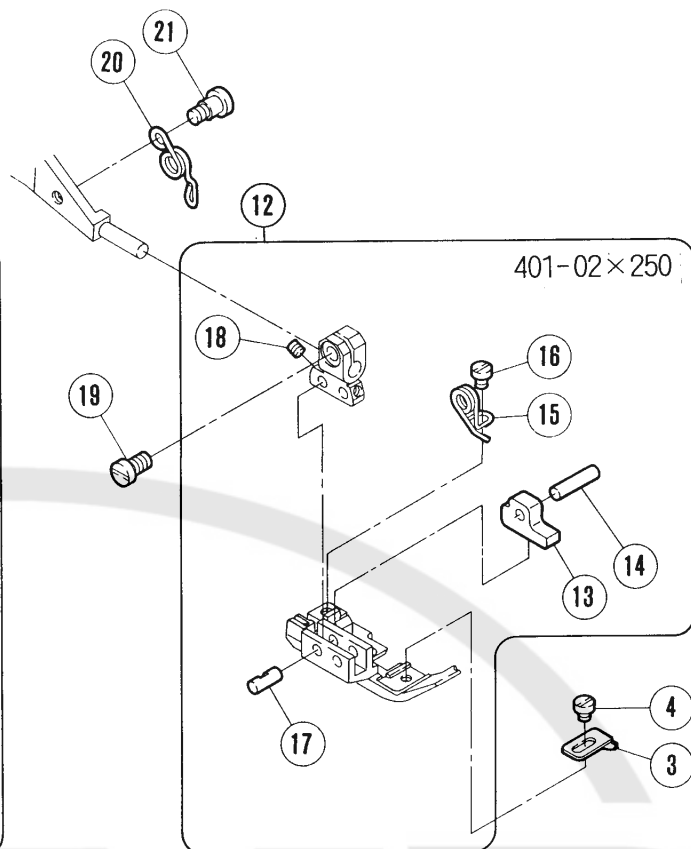
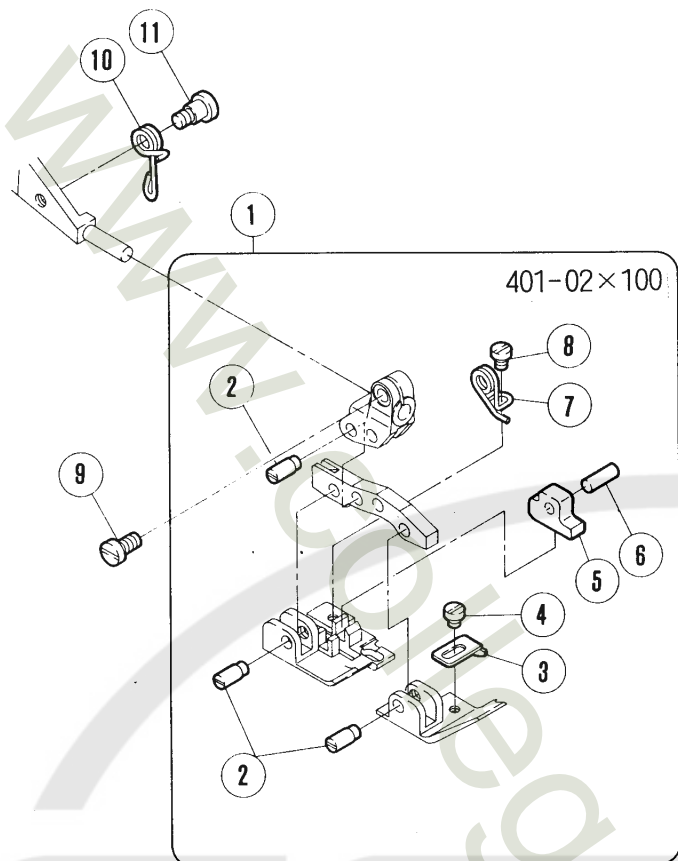
| REF.<br>NO. | PART NO. | NAME                   | QT. |
|-------------|----------|------------------------|-----|
| 1           | 204147   | CRANK/UPPER KNIFE      | 1   |
| 2           | 5381     | SCREW                  | 1   |
| 3           | 204146   | PIN                    | 1   |
| 4           | 1458     | SCREW                  | 1   |
| 5           | 210067   | BUSHING                | 1   |
| 6           | 206181B  | COLLAR                 | 1   |
| 7           | 5001     | SCREW                  | 1   |
| 8           | 208235   | WASHER                 | 1   |
| 9           | 204149   | BUSHING                | 1   |
| 10          | 208696   | UPPER KNIFE LEVER      | 1   |
| 11          | 208578   | UPPER KNIFE CLAMP      | 1   |
| 12          | 208579   | PIN                    | 1   |
| 13          | 5118     | SCREW                  | 1   |
| 14          | 202527A  | UPPER KNIFE (NARROW)   | 1   |
| 15          | 5088     | SCREW                  | 1   |
| 16          | 208580   | LOWER KNIFE HOLDER     | 1   |
| 17          | 4009-1   | SCREW                  | 1   |
| 18          | 204162   | CLAMP STUD/LOWER KNIFE | 1   |
| 19          | 208393   | LOWER KNIFE            | 1   |
| 20          | 204158   | SPRING                 | 1   |
| 21          | 204159   | STOPPER                | 1   |
| 22          | 5117     | SCREW                  | 1   |
| 23          | 200098   | WASHER                 | 1   |
| 24          | 5260     | NUT                    | 1   |
| 25          | 204160A  | GUIDE/LOWER BAR        | 1   |
| 26          | 1175-2   | SCREW                  | 1   |

401-02×100  
401-02×250  
401-04×100  
401-13×100



# PRESSER FOOT MECHANISM (1)

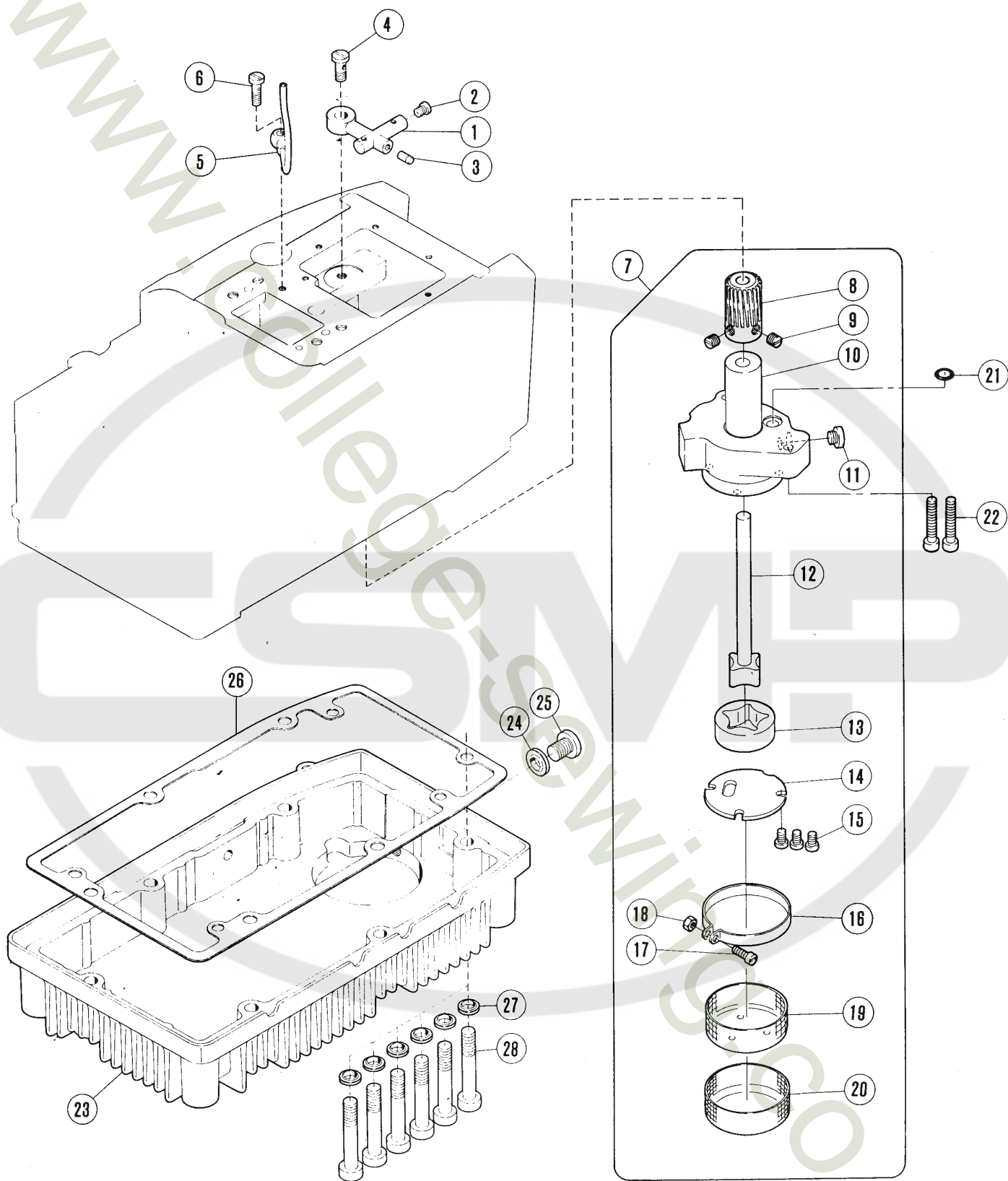
| REF.<br>NO. | PART NO. | NAME                 | QT. |
|-------------|----------|----------------------|-----|
| 1           | 202683   | STOPPER              | 1   |
| 2           | 5152     | SCREW                | 1   |
| 3           | 204930   | BUSHING              | 1   |
| 4           | 204929   | FOOT LIFT CAM        | 1   |
| 5           | 208316   | SCREW                | 1   |
| 6           | 2913-2   | SCREW                | 2   |
| 7           | 204178   | SPRING               | 1   |
| 8           | 204177B  | LEVER/FOOT LIFT      | 1   |
| 9           | 1202     | SCREW                | 2   |
| 10          | 5232     | SCREW                | 1   |
| 11          | 208313   | LEVER/INTERMEDIATE   | 1   |
| 12          | 2022-4   | SCREW                | 1   |
| 13          | 208314   | PIN                  | 1   |
| 14          | 208315   | SPRING               | 1   |
| 15          | 202757A  | WASHER               | 1   |
| 16          | 5317     | SCREW                | 1   |
| 17          | 201056   | COLLAR               | 1   |
| 18          | 1457     | SCREW                | 2   |
| 19          | 208535   | BUSHING              | 1   |
| 20          | 2133-1   | SCREW                | 1   |
| 21          | 208534   | SHAFT/FOOT LIFT      | 1   |
| 22          | 208637   | SPRING               | 1   |
| 23          | 208526   | PRESSER ARM          | 1   |
| 24          | 208549   | PIN                  | 1   |
| 25          | 1457     | SCREW                | 1   |
| 26          | 202451   | CHAIN CUTTER         | 1   |
| 27          | 2921     | SCREW                | 1   |
| 28          | 211657   | LEVER/HAND LIFT      | 1   |
| 29          | 202647A  | PIN                  | 1   |
| 30          | 208599   | BUSHING              | 1   |
| 31          | 5029     | SCREW                | 1   |
| 32          | 202645   | PLUNGER              | 1   |
| 33          | 201395   | SPRING               | 1   |
| 34          | 208774   | THUMB SCREW          | 1   |
| 35          | 208773   | SPRING               | 1   |
| 36          | 208537   | PRESSER BAR COMPLETE | 1   |
| 37          | 5271     | SCREW                | 1   |
| 38          | 3044     | NUT                  | 1   |





# PRESSER FOOT MECHANISM (2)

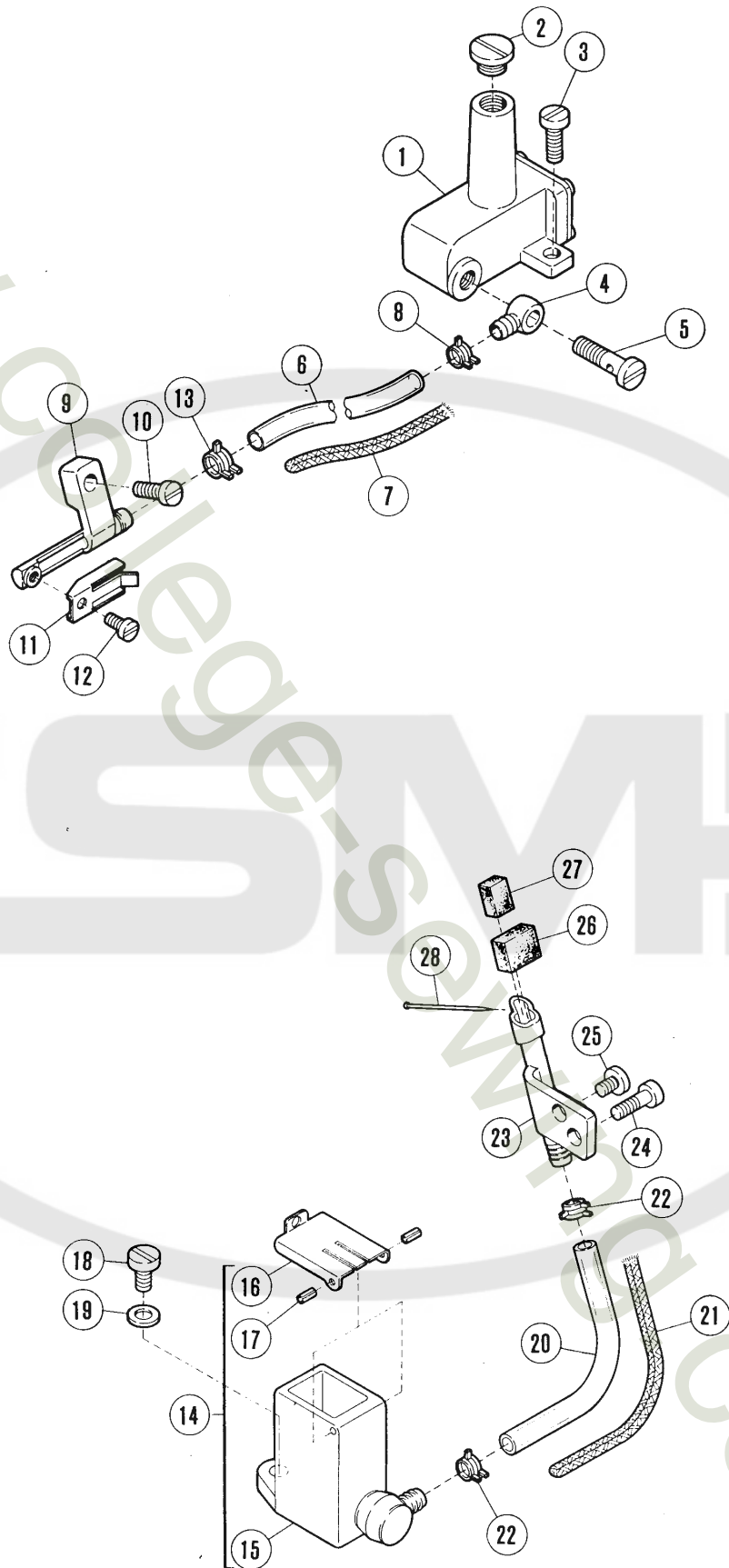
| REF.<br>NO. | PART NO. | NAME                           | QT. |
|-------------|----------|--------------------------------|-----|
| 1           | 209238   | PRESSER FOOT COMPLETE          | 1   |
| 2           | 208958-B | SCREW                          | 3   |
| 3           | 208575   | FABRIC GUARD                   | 1   |
| 4           | 5030     | SCREW                          | 1   |
| 5           | 208899   | CLAMP/THREAD CHAIN             | 1   |
| 6           | 208900   | PIN                            | 1   |
| 7           | 208374   | SPRING                         | 1   |
| 8           | 1231     | SCREW                          | 1   |
| 9           | 5328     | SCREW                          | 1   |
| 10          | 208978   | SPRING                         | 1   |
| 11          | 5291     | SCREW                          | 1   |
| 12          | 209241   | PRESSER FOOT COMPLETE/2-NEEDLE | 1   |
| 13          | 209243   | CLAMP/THREAD CHAIN             | 1   |
| 14          | 208395   | PIN                            | 1   |
| 15          | 208374   | SPRING                         | 1   |
| 16          | 1231     | SCREW                          | 1   |
| 17          | 208527   | PIN                            | 1   |
| 18          | 5223     | SCREW                          | 1   |
| 19          | 5328     | SCREW                          | 1   |
| 20          | 208529   | SPRING                         | 1   |
| 21          | 5291     | SCREW                          | 1   |
| 22          | 209233   | PRESSER FOOT COMPLETE          | 1   |
| 23          | 208958-B | SCREW                          | 3   |
| 24          | 208575   | FABRIC GUARD                   | 1   |
| 25          | 5030     | SCREW                          | 1   |
| 26          | 208899   | CLAMP/THREAD CHAIN             | 1   |
| 27          | 208900   | PIN                            | 1   |
| 28          | 208374   | SPRING                         | 1   |
| 29          | 1231     | SCREW                          | 1   |
| 30          | 5328     | SCREW                          | 1   |
| 31          | 208978   | SPRING                         | 1   |
| 32          | 5291     | SCREW                          | 1   |
| 33          | 208767   | PRESSER FOOT (LONG)            | 1   |
| 34          | 208632   | PRESSER FOOT (SHORT)           | 1   |
| 35          | 208636   | BRACKET/PRESSER FOOT           | 1   |
| 36          | 1196     | SCREW                          | 2   |
| 37          | 208768   | SHOE/PRESSER FOOT (4)          | 1   |
| 38          | 208769   | SHOE/PRESSER FOOT (6)          | 1   |
| 39          | 208770   | SHOE/PRESSER FOOT (8)          | 1   |
| 40          | 1229     | SCREW                          | 1   |
| 41          | 5328     | SCREW                          | 1   |



# LUBRICATION MECHANISM

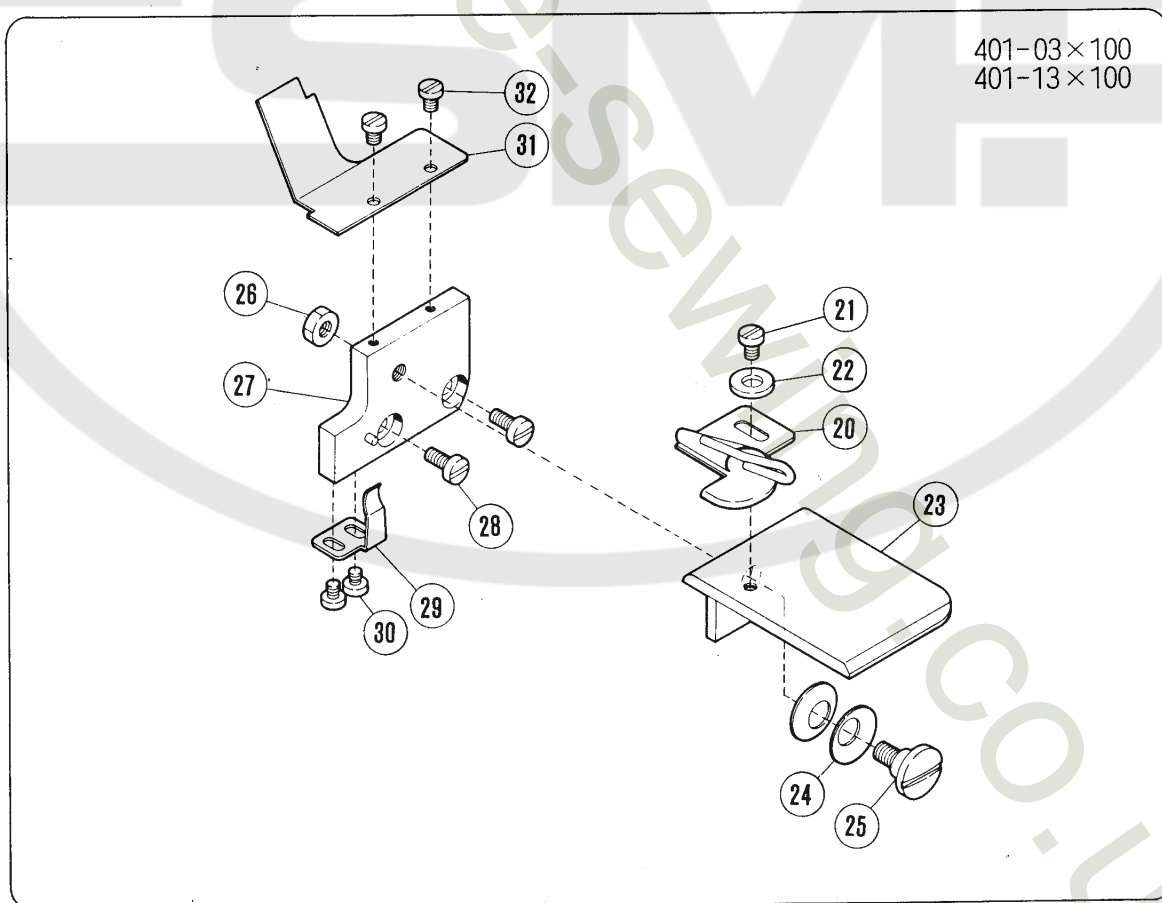
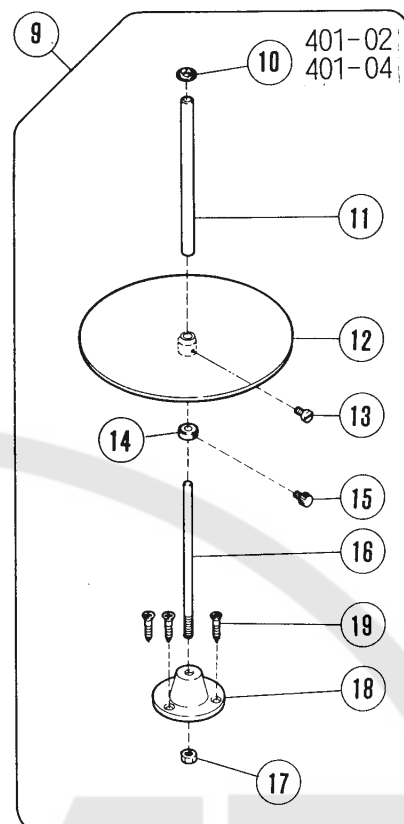
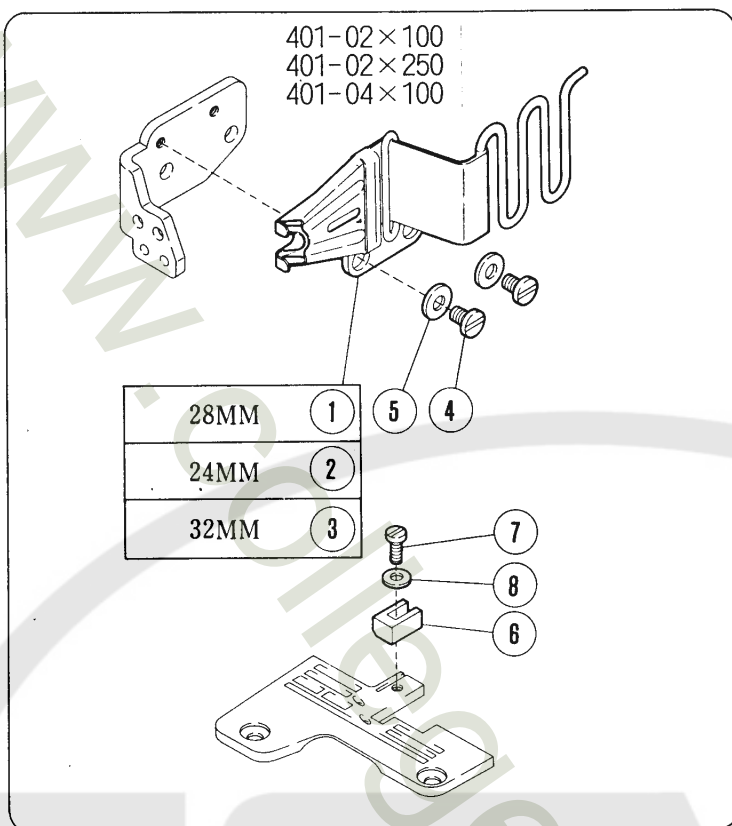
| REF.<br>NO. | PART NO.  | NAME                   | QT. |
|-------------|-----------|------------------------|-----|
| 1           | 204193    | OIL DISTRIBUTOR        | 1   |
| 2           | 201323    | SCREW                  | 1   |
| 3           | 202903    | PLUG                   | 1   |
| 4           | 200152    | JOINT SCREW            | 1   |
| 5           | 204194    | PIPE COMPLETE          | 1   |
| 6           | 201758    | JOINT SCREW            | 1   |
| 7           | 204593    | TROCHOID PUMP ASSEMBLY | 1   |
| 8           | 204187    | WORM WHEEL             | 1   |
| 9           | 5060      | SCREW                  | 2   |
| 10          | 209407    | TROCHOID PUMP          | 1   |
| 11          | 5145      | SCREW                  | 1   |
| 12          | 212978-91 | ROTOR (INSIDE) SHAFT   | 1   |
| 13          | 212981    | ROTOR (OUTSIDE)        | 1   |
| 14          | 212982A   | PLATE                  | 1   |
| 15          | 5328      | SCREW                  | 3   |
| 16          | 209410    | CLAMP                  | 1   |
| 17          | 1170-1    | SCREW                  | 1   |
| 18          | 3091      | NUT                    | 1   |
| 19          | 209408    | FILTER (INSIDE)        | 1   |
| 20          | 209409    | FILTER (OUTSIDE)       | 1   |
| 21          | 204185    | O RING                 | 1   |
| 22          | 5095      | SCREW                  | 2   |
| 23          | 208260    | OIL RESERVOIR          | 1   |
| 24          | 202287A   | WASHER                 | 1   |
| 25          | 5138B     | SCREW                  | 1   |
| 26          | 208318    | GASKET                 | 1   |
| 27          | 204806    | WASHER                 | 6   |
| 28          | 5150B     | BOLT                   | 6   |

OPTION



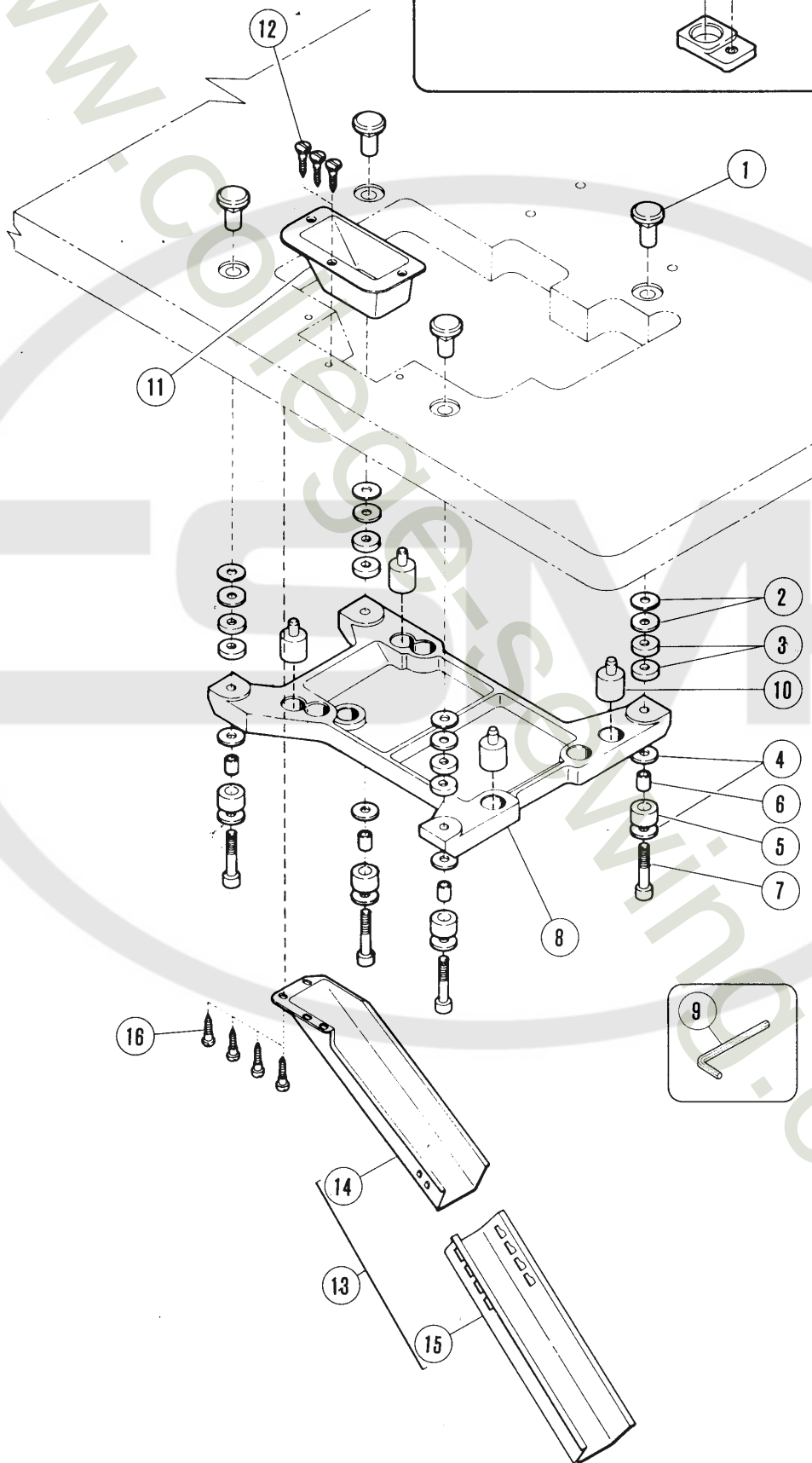
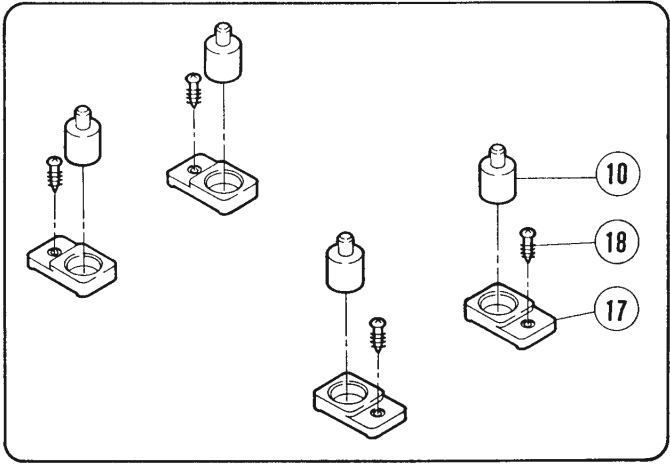
# H. R. DEVICE (OPTION)

| REF.<br>NO. | PART NO.  | NAME                           | QT. |
|-------------|-----------|--------------------------------|-----|
| 1           | 208308    | SILICONE OIL RESERVOIR (UPPER) | 1   |
| 2           | 5242      | SCREW                          | 1   |
| 3           | 5118      | SCREW                          | 1   |
| 4           | 200136    | JOINT                          | 1   |
| 5           | 200152    | JOINT SCREW                    | 1   |
| 6           | 204921    | TUBE                           | 1   |
| 7           | 202176    | OIL WICK                       | 1   |
| 8           | 200155    | TUBE CLAMP                     | 1   |
| 9           | 208486    | THREAD LUBRICATOR              | 1   |
| 10          | 5345      | SCREW                          | 1   |
| 11          | 208487    | PLATE                          | 1   |
| 12          | 5012      | SCREW                          | 1   |
| 13          | 202199    | CLAMP                          | 1   |
| 14          | 209411-91 | SILICONE OIL RESERVOIR (LOWER) | 1   |
| 15          | 209412-91 | SILICONE OIL RESERVOIR (LOWER) | 1   |
| 16          | 204862    | CAP COVER                      | 1   |
| 17          | 206781    | PIN                            | 2   |
| 18          | 5345      | SCREW                          | 1   |
| 19          | 201185    | WASHER                         | 1   |
| 20          | 204921    | TUBE                           | 1   |
| 21          | 202176    | OIL WICK                       | 1   |
| 22          | 200155    | TUBE CLAMP                     | 2   |
| 23          | 208387    | NEEDLE LUBRICATOR              | 1   |
| 24          | 5010      | SCREW                          | 1   |
| 25          | 1216      | SCREW                          | 1   |
| 26          | 204466    | OIL WICK                       | 1   |
| 27          | 240178    | OIL FELT                       | 1   |
| 28          | 210766    | PIN                            | 1   |



## ATTACHMENT

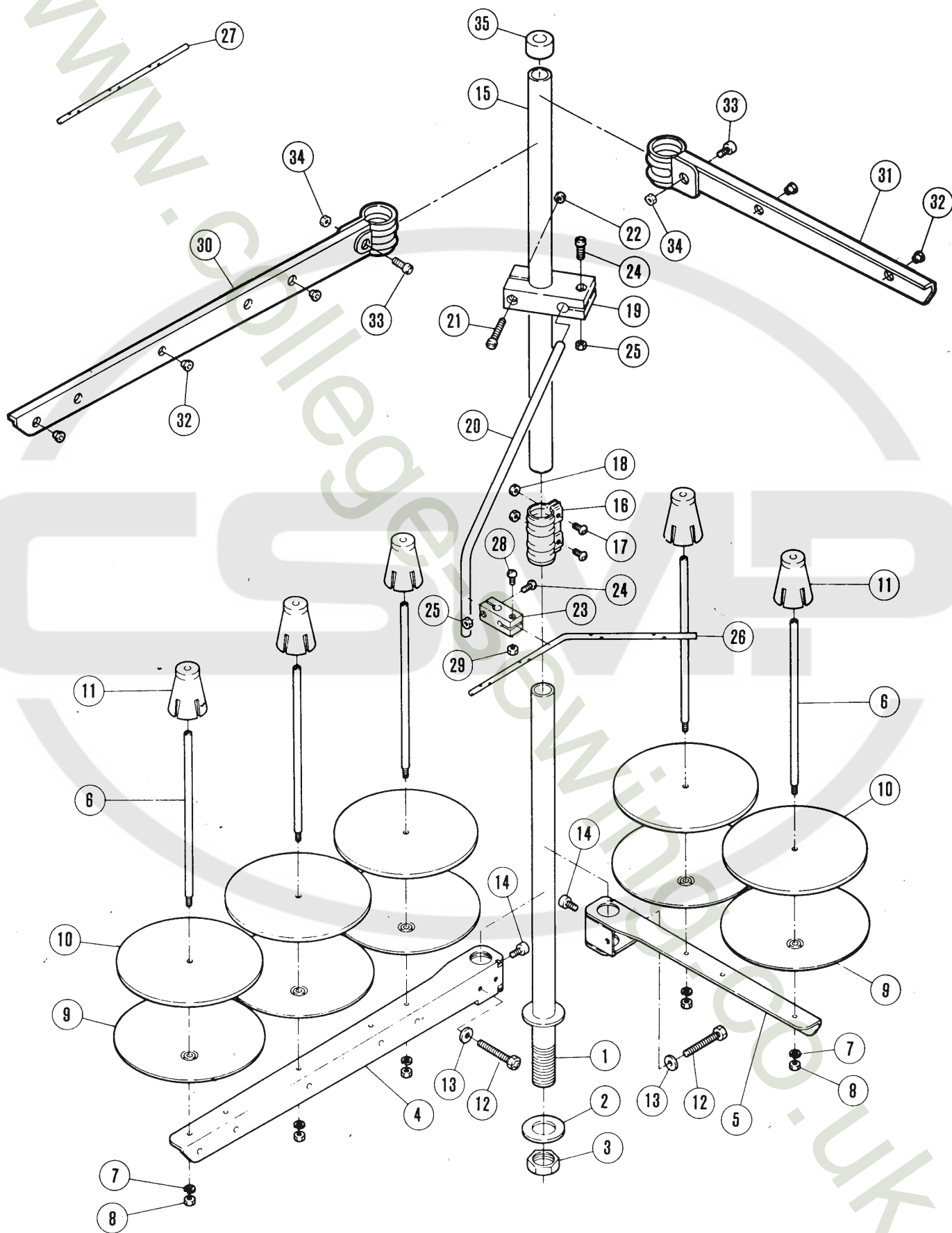
| REF. | NO. | PART NO. | NAME                  | QT. |
|------|-----|----------|-----------------------|-----|
|      | 1   | 208389   | BINDER COMPLETE (28)  | 1   |
|      | 2   | 208390   | BINDER COMPLETE (24)  | 1   |
|      | 3   | 208757   | BINDER COMPLETE (32)  | 1   |
|      | 4   | 1216     | SCREW                 | 2   |
|      | 5   | 137142   | WASHER                | 2   |
|      | 6   | 208569   | TAPE GUIDE            | 1   |
|      | 7   | 2918     | SCREW                 | 1   |
|      | 8   | 202875   | WASHER                | 1   |
|      | 9   | 403      | TAPE DISC ASSEMBLY    | 1   |
|      | 10  | 406      | FELT                  | 1   |
|      | 11  | 405      | FIXING ROD            | 1   |
|      | 12  | 404      | TAPE DISC             | 1   |
|      | 13  | 4012     | SCREW                 | 1   |
|      | 14  | 407      | COLLAR                | 1   |
|      | 15  | 408      | ADJUSTING SCREW       | 1   |
|      | 16  | 409      | SHAFT                 | 1   |
|      | 17  | 4818     | NUT                   | 1   |
|      | 18  | 410-JA   | BRACKET               | 1   |
|      | 19  | 4908     | SCREW                 | 3   |
|      | 20  | 208638   | BINDER COMPLETE       | 1   |
|      | 21  | 1216     | SCREW                 | 1   |
|      | 22  | 137142   | WASHER                | 1   |
|      | 23  | 208642   | BRACKET/BINDER        | 1   |
|      | 24  | 204888   | SPRING                | 2   |
|      | 25  | 5380     | SCREW                 | 1   |
|      | 26  | 5104     | NUT                   | 1   |
|      | 27  | 208643   | BRACKET BASE COMPLETE | 1   |
|      | 28  | 5117     | SCREW                 | 2   |
|      | 29  | 202689   | FLAT SPRING           | 1   |
|      | 30  | 1234     | SCREW                 | 2   |
|      | 31  | 208646   | CHIP CHUTE            | 1   |
|      | 32  | 1234     | SCREW                 | 2   |





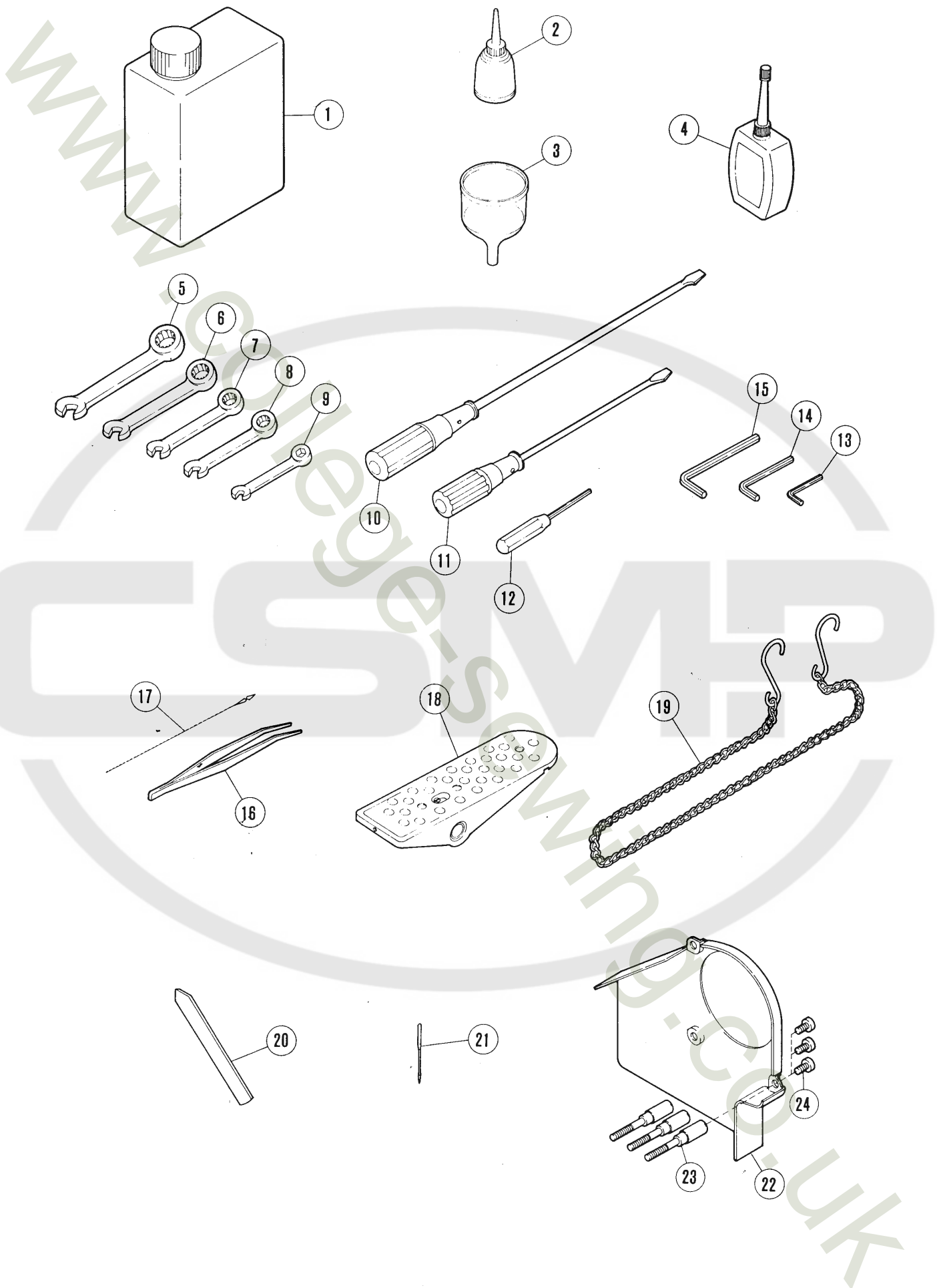
# PARTS FOR SEMI-SUBMERGED INSTALLATION

| REF.<br>NO. | PART NO.  | NAME                   | QT. |
|-------------|-----------|------------------------|-----|
| 1           | 206336    | NUT                    | 4   |
| 2           | 206337    | WASHER                 | 8   |
| 3           | 205467    | SPACER                 | 8   |
| 4           | 206337    | WASHER                 | 8   |
| 5           | 205764    | CUSHION RUBBER         | 4   |
| 6           | 205765    | LINER                  | 4   |
| 7           | 4512      | SCREW                  | 4   |
| 8           | 205466    | MACHINE REST BOARD     | 1   |
| 9           | 272       | ALLEN KEY/6MM          | 1   |
| 10          | 205473    | CUSHION RUBBER         | 4   |
| 11          | 205470-JA | WASTE CHUTE TOP        | 1   |
| 12          | 4904      | SCREW                  | 3   |
| 13          | 9050      | WASTE CHUTE SET        | 1   |
| 14          | 205468-JA | WASTE CHUTE TOP        | 1   |
| 15          | 205469-JA | WASTE CHUTE TOP (B)    | 1   |
| 16          | 4905      | SCREW                  | 4   |
| 17          | 208756    | BRACKET/CUSHION RUBBER | 4   |
| 18          | 4905      | SCREW                  | 4   |



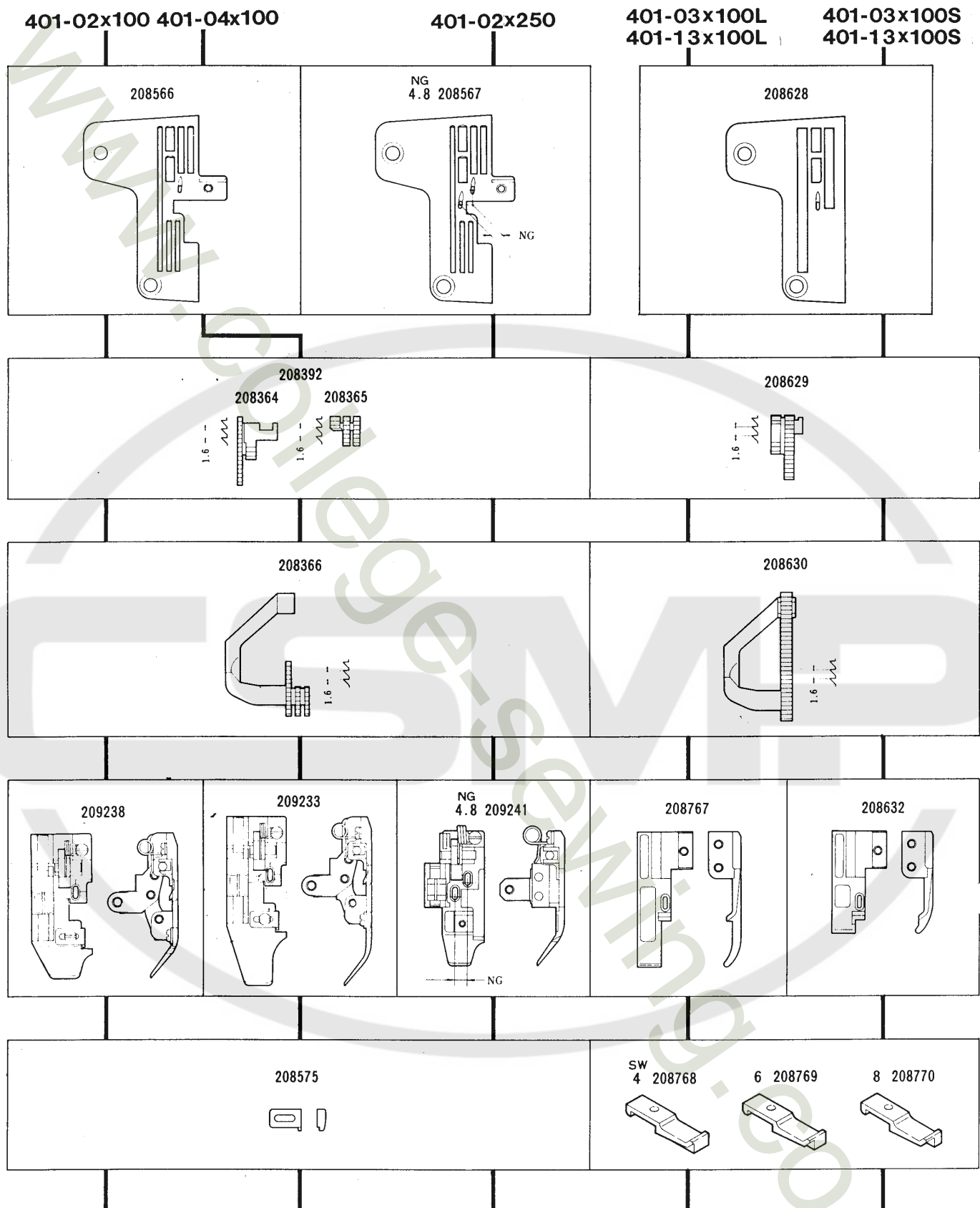
# THREAD STAND

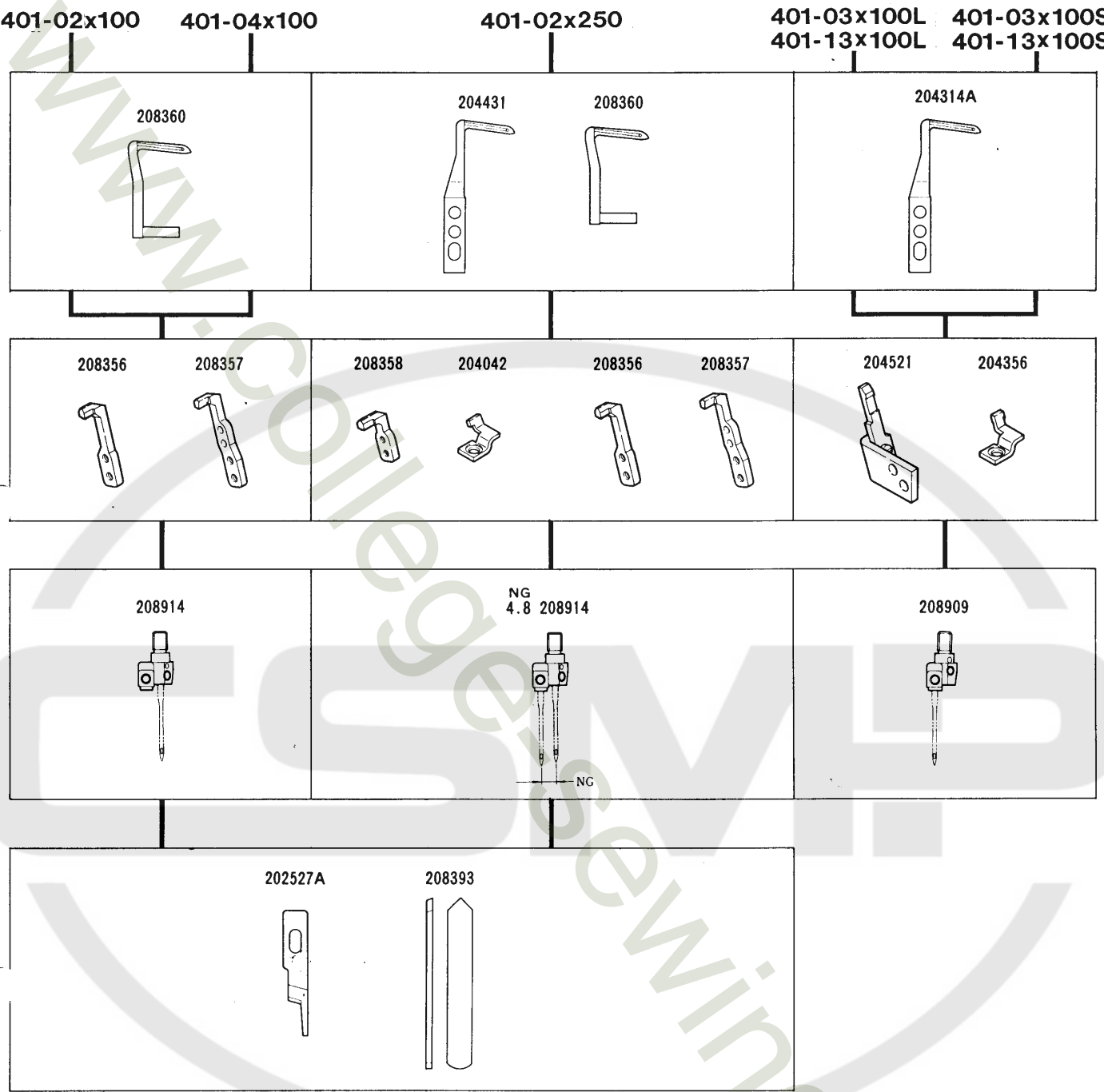
| REF.<br>NO. | PART NO. | NAME                         | QT. |   |
|-------------|----------|------------------------------|-----|---|
|             | 486C9C   | THREAD STAND ASS. (3-SPOOLS) | 1   |   |
|             | 486B9C   | THREAD STAND ASS. (4-SPOOLS) |     | 1 |
| 1           | 503-CA   | THREAD STAND ROD (LOWER)     | 1   | 1 |
| 2           | 509      | WASHER                       | 1   | 1 |
| 3           | 5476     | NUT                          | 1   | 1 |
| 4           | 505-CA   | BRACKET                      | 1   |   |
| 5           | 505ACA   | BRACKET                      |     | 2 |
| 6           | 380A     | SPOOL PIN                    | 3   | 4 |
| 7           | 201252   | SPRING WASHER                | 3   | 4 |
| 8           | 4803     | NUT                          | 3   | 4 |
| 9           | 381-CA   | SPOOL TRAY                   | 3   | 4 |
| 10          | 507      | CUSHION                      | 3   | 4 |
| 11          | 382-CA   | SPOOL RETAINING FIN          | 3   | 4 |
| 12          | 7102     | SCREW                        | 1   | 2 |
| 13          | 512      | WASHER                       | 1   | 2 |
| 14          | 4022     | SCREW                        | 1   | 2 |
| 15          | 502-CA   | THREAD STAND ROD (UPPER)     | 1   | 1 |
| 16          | 504-CA   | JOINT                        | 1   | 1 |
| 17          | 4021     | SCREW                        | 2   | 2 |
| 18          | 4805     | NUT                          | 2   | 2 |
| 19          | 383-CA   | BRACKET                      | 1   | 1 |
| 20          | 384      | THREAD GUIDE BAR ROD         | 1   | 1 |
| 21          | 4014     | SCREW                        | 1   | 1 |
| 22          | 4803     | NUT                          | 1   | 1 |
| 23          | 233-CA   | HOLDER                       | 1   | 1 |
| 24          | 4012     | SCREW                        | 2   | 2 |
| 25          | 4803     | NUT                          | 2   | 2 |
| 26          | 293B     | THREAD GUIDE BAR (4-SPOOLS)  |     | 1 |
| 27          | 293C     | THREAD GUIDE BAR (3-SPOOLS)  | 1   |   |
| 28          | 4012     | SCREW                        | 1   | 1 |
| 29          | 4803     | NUT                          | 1   | 1 |
| 30          | 527-CA   | BRACKET                      | 1   |   |
| 31          | 527ACA   | BRACKET                      |     | 2 |
| 32          | 506      | THREAD GUIDE                 | 3   | 4 |
| 33          | 4117     | SCREW                        | 1   | 2 |
| 34          | 4805     | NUT                          | 1   | 2 |
| 35          | 386      | ROD CAP                      | 1   | 1 |



# ACCESSORIES

| REF.<br>NO. | PART NO. | NAME                 | QT. |
|-------------|----------|----------------------|-----|
| 1           | 452      | OIL CONTAINER/750CC  | 1   |
| 2           | 485      | OILER                | 1   |
| 3           | 484      | OIL FUNNEL           | 1   |
| 4           | 178      | CONTAINER - SILICONE | 1   |
| 5           | 286      | WRENCH/9.5MM         | 1   |
| 6           | 285      | WRENCH/8MM           | 1   |
| 7           | 284      | WRENCH/7MM           | 1   |
| 8           | 283      | WRENCH/6MM           | 1   |
| 9           | 391      | WRENCH/5MM           | 1   |
| 10          | 127      | SCREWDRIVER (LARGE)  | 1   |
| 11          | 128      | SCREWDRIVER (MEDIUM) | 1   |
| 12          | 179      | ALLEN KEY DRIVER     | 1   |
| 13          | 322      | ALLEN KEY/2.38MM     | 1   |
| 14          | 182      | ALLEN KEY            | 1   |
| 15          | 200      | ALLEN KEY/4.76MM     | 1   |
| 16          | 131      | TWEEZERS             | 1   |
| 17          | 153      | THREADING WIRE       | 1   |
| 18          | 478      | PEDAL                | 1   |
| 19          | 392      | CHAIN                | 1   |
| 20          | 208393   | LOWER KNIFE          | 2   |
| 21          | DCX27    | NEEDLE               | 5   |
| 22          | 205216A  | BELT COVER           | 1   |
| 23          | 205217   | SCREW                | 3   |
| 24          | 5117     | SCREW                | 3   |





GAUGE PARTS LIST

| MACHINE TYPE<br>/SPEC. | GAUGE |    | NEEDLE<br>PLATE | MAIN FEED<br>DOG ASS. | MAIN FEED DOG | AUX. FEED<br>DOG | DIFF. FEED<br>DOG | PRESSER<br>FOOT | FABRIC GUARD | RIGHT LOOPER | LEFT LOOPER |
|------------------------|-------|----|-----------------|-----------------------|---------------|------------------|-------------------|-----------------|--------------|--------------|-------------|
|                        | NG    | SW |                 |                       |               |                  |                   |                 |              |              |             |
| 401-02×100             |       |    | 208566          | 208392                | 208364        | 208355           | 208366            | 209238          | 208575       | 208360       | —           |
| 401-02×250             | 4.8   |    | 208567          | 208392                | 208364        | 208365           | 208366            | 209241          | 208575       | 208360       | 204431      |
| 401-04×100             |       |    | 208566          | 208392                | 208364        | 208355           | 208366            | 209233          | 208575       | 208360       | —           |

| MACHINE TYPE<br>/SPEC. | GAUGE |    | LEFT NEEDLE          |                     | RIGHT NEEDLE         |                     | NEEDLE<br>HOLDER | UPPER<br>KNIFE | LOWER<br>KNIFE | NEEDLE    |
|------------------------|-------|----|----------------------|---------------------|----------------------|---------------------|------------------|----------------|----------------|-----------|
|                        | NG    | SW | NDL GUARD<br>(FRONT) | NDL GUARD<br>(REAR) | NDL GUARD<br>(FRONT) | NDL GUARD<br>(REAR) |                  |                |                |           |
| 401-02×100             |       |    | —                    | —                   | 208357               | 208356              | 208914           | 202527A        | 208393         | DC×27 #14 |
| 401-02×250             | 4.8   |    | 204042               | 208358              | 208357               | 208356              | 208914           | 202527A        | 208393         | DC×27 #14 |
| 401-04×100             |       |    | —                    | —                   | 208357               | 208356              | 208914           | 202527A        | 208393         | DC×27 #14 |

| MACHINE TYPE<br>/SPEC. | GAUGE |    | NEEDLE<br>PLATE | MAIN FEED DOG | DIFF. FEED<br>DOG | PRESSER<br>FOOT | SHOE   | LOOPER  | NDL GUARD<br>(FRONT) | NDL GUARD<br>(REAR) | NEEDLE<br>HOLDER | UPPER<br>KNIFE | LOWER<br>KNIFE | NEEDLE    |
|------------------------|-------|----|-----------------|---------------|-------------------|-----------------|--------|---------|----------------------|---------------------|------------------|----------------|----------------|-----------|
|                        | NG    | SW |                 |               |                   |                 |        |         |                      |                     |                  |                |                |           |
| 401-03×100L            | 4     |    | 208628          | 208629        | 208630            | 208767          | 208768 | 204314A | 204536               | 204521              | 208909           | —              | —              | DC×27 #16 |
| 401-13×100L            | 6     |    |                 |               |                   |                 | 208769 |         |                      |                     |                  |                |                |           |
|                        | 8     |    |                 |               |                   |                 | 208770 |         |                      |                     |                  |                |                |           |
| 401-03×100S            | 4     |    | 208628          | 208629        | 208630            | 208632          | 208768 | 204314A | 204536               | 204521              | 208909           | —              | —              | DC×27 #16 |
| 401-13×100S            | 6     |    |                 |               |                   |                 | 208769 |         |                      |                     |                  |                |                |           |
|                        | 8     |    |                 |               |                   |                 | 208770 |         |                      |                     |                  |                |                |           |

NG = NEEDLE GAUGE  
SW = SEAM WIDTH



INDEX

| 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. |
|-----------|------|----------|----------|------|----------|----------|------|----------|----------|------|----------|----------|------|----------|----------|------|----------|
| DC×27     | 13   | 41       | 1202     | 29   | 9        | 5002     | 5    | 23       | 5304     | 9    | 20       | 201252   | 41   | 7        | 201252   | 41   | 7        |
| DC×27     | 13   | 44       | 1216     | 5    | 5        | 5010     | 15   | 47       | 5312     | 13   | 13       | 201252   | 41   | 7        | 201252   | 41   | 7        |
| DC×27     | 43   | 21       | 1216     | 7    | 47       | 5010     | 35   | 24       | 5316     | 25   | 14       | 201323   | 33   | 2        | 201323   | 33   | 2        |
| DC×27 #14 | 46   |          | 1216     | 15   | 48       | 5012     | 35   | 12       | 5317     | 23   | 30       | 201360B  | 13   | 1        | 201360B  | 13   | 1        |
| DC×27 #16 | 46   |          | 1216     | 25   | 28       | 5022     | 5    | 10       | 5317     | 29   | 16       | 201395   | 29   | 33       | 201395   | 29   | 33       |
| 127       | 43   | 10       | 1216     | 35   | 25       | 5029     | 15   | 40       | 5321A    | 25   | 34       | 201523A  | 9    | 17       | 201523A  | 9    | 17       |
| 128       | 43   | 11       | 1216     | 37   | 4        | 5029     | 15   | 41       | 5328     | 5    | 12       | 201629   | 5    | 22       | 201629   | 5    | 22       |
| 131       | 43   | 16       | 1216     | 37   | 21       | 5029     | 25   | 5        | 5328     | 9    | 31       | 201758   | 33   | 6        | 201758   | 33   | 6        |
| 153       | 43   | 17       | 1229     | 31   | 40       | 5029     | 29   | 31       | 5328     | 13   | 7        | 202176   | 13   | 16       | 202176   | 13   | 16       |
| 178       | 43   | 4        | 1231     | 31   | 8        | 5030     | 31   | 4        | 5328     | 17   | 13       | 202176   | 17   | 12       | 202176   | 17   | 12       |
| 179       | 43   | 12       | 1231     | 31   | 16       | 5030     | 31   | 25       | 5328     | 17   | 47       | 202176   | 17   | 19       | 202176   | 17   | 19       |
| 182       | 43   | 14       | 1231     | 31   | 29       | 5053     | 13   | 36       | 5328     | 31   | 9        | 202176   | 35   | 7        | 202176   | 35   | 7        |
| 200       | 43   | 15       | 1234     | 7    | 23       | 5060     | 33   | 9        | 5328     | 31   | 19       | 202176   | 35   | 21       | 202176   | 35   | 21       |
| 233-CA    | 41   | 23       | 1234     | 37   | 30       | 5077     | 19   | 49       | 5328     | 31   | 30       | 202199   | 35   | 13       | 202199   | 35   | 13       |
| 233-CA    | 41   | 23       | 1234     | 37   | 32       | 5078     | 3    | 2        | 5328     | 31   | 41       | 202286   | 5    | 27       | 202286   | 5    | 27       |
| 272       | 39   | 9        | 1457     | 5    | 8        | 5080     | 9    | 2        | 5328     | 33   | 15       | 202286   | 17   | 3        | 202286   | 17   | 3        |
| 283       | 43   | 8        | 1457     | 13   | 30       | 5081     | 9    | 3        | 5332A    | 3    | 16       | 202286   | 17   | 9        | 202286   | 17   | 9        |
| 284       | 43   | 7        | 1457     | 19   | 5        | 5082A    | 15   | 8        | 5336     | 15   | 38       | 202287A  | 33   | 24       | 202287A  | 33   | 24       |
| 285       | 43   | 6        | 1457     | 19   | 16       | 5084     | 17   | 20       | 5336     | 21   | 21       | 202433   | 19   | 36       | 202433   | 19   | 36       |
| 286       | 43   | 5        | 1457     | 29   | 18       | 5084     | 17   | 28       | 5345     | 35   | 10       | 202451   | 29   | 26       | 202451   | 29   | 26       |
| 293A      | 41   | 26       | 1457     | 29   | 25       | 5084     | 19   | 29       | 5345     | 35   | 18       | 202495   | 13   | 22       | 202495   | 13   | 22       |
| 293A      | 41   | 26       | 1458     | 27   | 4        | 5084     | 21   | 5        | 5346     | 23   | 46       | 202522   | 21   | 32       | 202522   | 21   | 32       |
| 293B      | 41   | 27       | 1459     | 11   | 4        | 5084     | 23   | 2        | 5359     | 13   | 21       | 202522   | 25   | 15       | 202522   | 25   | 15       |
| 293B      | 41   | 27       | 1732     | 5    | 18       | 5084     | 23   | 27       | 5376     | 11   | 7        | 202526   | 3    | 14       | 202526   | 3    | 14       |
| 293C      | 41   | 28       | 1732-HC  | 13   | 46       | 5084     | 25   | 19       | 5380     | 37   | 25       | 202527A  | 27   | 14       | 202527A  | 27   | 14       |
| 293C      | 41   | 28       | 2022     | 3    | 17       | 5088     | 27   | 15       | 5381     | 13   | 2        | 202527A  | 46   |          | 202527A  | 46   |          |
| 322       | 43   | 13       | 2022     | 9    | 19       | 5091     | 5    | 31       | 5381     | 21   | 3        | 202576   | 5    | 6        | 202576   | 5    | 6        |
| 380A      | 41   | 6        | 2022-4   | 11   | 9        | 5091     | 7    | 10       | 5381     | 23   | 6        | 202645   | 29   | 32       | 202645   | 29   | 32       |
| 380A      | 41   | 6        | 2022-4   | 13   | 12       | 5091     | 19   | 3        | 5381     | 25   | 7        | 202647A  | 29   | 29       | 202647A  | 29   | 29       |
| 381-CA    | 41   | 9        | 2022-4   | 29   | 12       | 5091     | 19   | 14       | 5381     | 25   | 9        | 202653   | 7    | 20       | 202653   | 7    | 20       |
| 381-CA    | 41   | 9        | 2133-1   | 23   | 25       | 5094     | 5    | 14       | 5381     | 25   | 17       | 202683   | 29   | 1        | 202683   | 29   | 1        |
| 382-CA    | 41   | 11       | 2133-1   | 29   | 20       | 5094     | 7    | 48       | 5381     | 27   | 2        | 202689   | 7    | 22       | 202689   | 7    | 22       |
| 382-CA    | 41   | 11       | 2193     | 17   | 10       | 5095     | 33   | 22       | 5385     | 17   | 33       | 202689   | 37   | 29       | 202689   | 37   | 29       |
| 383-CA    | 41   | 19       | 2902     | 5    | 26       | 5104     | 37   | 26       | 5427     | 21   | 11       | 202706A  | 13   | 26       | 202706A  | 13   | 26       |
| 383-CA    | 41   | 19       | 2905     | 5    | 34       | 5113     | 15   | 27       | 5437     | 21   | 16       | 202757A  | 29   | 15       | 202757A  | 29   | 15       |
| 384       | 41   | 20       | 2905     | 19   | 18       | 5113     | 19   | 45       | 5455     | 19   | 37       | 202849   | 15   | 9        | 202849   | 15   | 9        |
| 384       | 41   | 20       | 2913-2   | 29   | 6        | 5113     | 19   | 51       | 5455     | 23   | 9        | 202849   | 19   | 11       | 202849   | 19   | 11       |
| 386       | 41   | 36       | 2918     | 37   | 7        | 5117     | 3    | 13       | 5455     | 25   | 12       | 202868   | 25   | 32       | 202868   | 25   | 32       |
| 386       | 41   | 36       | 2921     | 29   | 27       | 5117     | 7    | 18       | 5457     | 17   | 16       | 202875   | 37   | 8        | 202875   | 37   | 8        |
| 391       | 43   | 9        | 2922     | 17   | 40       | 5117     | 9    | 13       | 5457     | 19   | 32       | 202903   | 33   | 3        | 202903   | 33   | 3        |
| 392       | 43   | 19       | 2922     | 23   | 22       | 5117     | 15   | 33       | 5458     | 7    | 35       | 204006   | 3    | 27       | 204006   | 3    | 27       |
| 403       | 37   | 9        | 3044     | 5    | 24       | 5117     | 27   | 22       | 5461     | 21   | 13       | 204010   | 9    | 27       | 204010   | 9    | 27       |
| 404       | 37   | 12       | 3044     | 7    | 7        | 5117     | 37   | 28       | 5461     | 21   | 27       | 204014   | 9    | 25       | 204014   | 9    | 25       |
| 405       | 37   | 11       | 3044     | 19   | 19       | 5117     | 43   | 24       | 5476     | 41   | 3        | 204016   | 9    | 22       | 204016   | 9    | 22       |
| 406       | 37   | 10       | 3044     | 19   | 26       | 5118     | 25   | 26       | 5476     | 41   | 3        | 204018   | 9    | 16       | 204018   | 9    | 16       |
| 407       | 37   | 14       | 3044     | 29   | 38       | 5118     | 25   | 31       | 5482     | 7    | 15       | 204019A  | 9    | 15       | 204019A  | 9    | 15       |
| 408       | 37   | 15       | 3056     | 19   | 6        | 5118     | 27   | 13       | 5535     | 5    | 16       | 204020A  | 9    | 14       | 204020A  | 9    | 14       |
| 409       | 37   | 16       | 3056     | 19   | 20       | 5118     | 35   | 3        | 5546     | 17   | 2        | 204022   | 9    | 12       | 204022   | 9    | 12       |
| 410-JA    | 37   | 18       | 3091     | 7    | 31       | 5137     | 7    | 49       | 5549     | 9    | 4        | 204023   | 9    | 5        | 204023   | 9    | 5        |
| 452       | 43   | 1        | 3091     | 33   | 18       | 5137     | 15   | 19       | 7102     | 41   | 12       | 204026   | 9    | 6        | 204026   | 9    | 6        |
| 478       | 43   | 18       | 4009-1   | 7    | 14       | 5138B    | 33   | 25       | 7102     | 41   | 12       | 204029   | 11   | 10       | 204029   | 11   | 10       |
| 484       | 43   | 3        | 4009-1   | 7    | 25       | 5141     | 25   | 6        | 9050     | 39   | 13       | 204042   | 15   | 42       | 204042   | 15   | 42       |
| 485       | 43   | 2        | 4009-1   | 15   | 29       | 5143A    | 15   | 17       | 9070-2   | 13   | 25       | 204042   | 46   |          | 204042   | 46   |          |
| 486B9C    | 41   |          | 4009-1   | 15   | 31       | 5145     | 33   | 11       | 137142   | 37   | 5        | 204052A  | 25   | 23       | 204052A  | 25   | 23       |
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