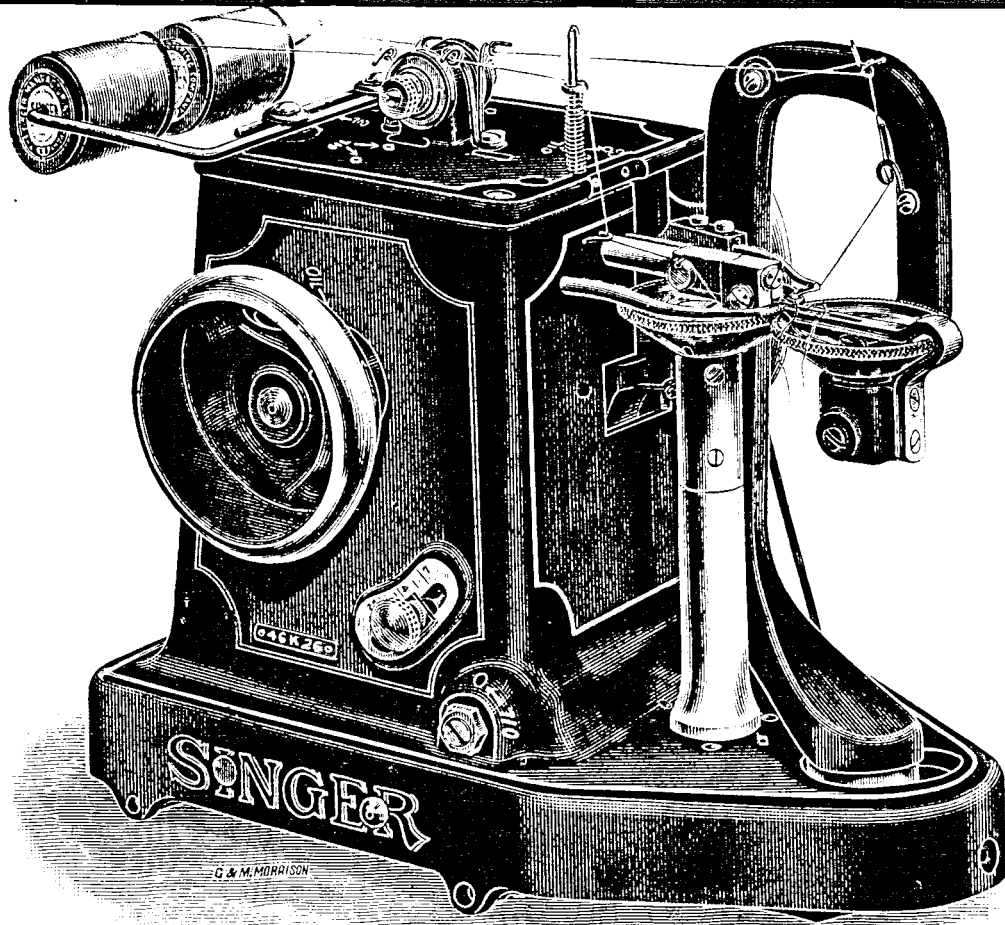
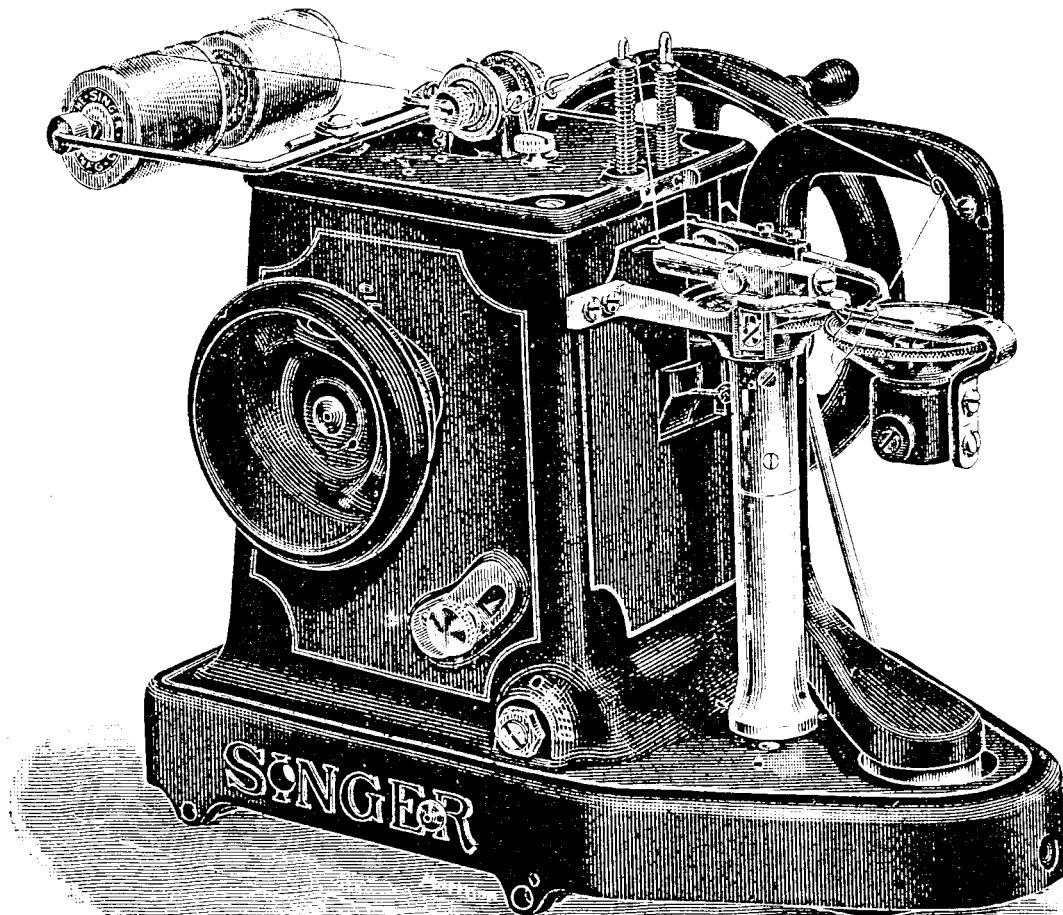


SINGER
46K26,46K27



No. 46K26 Machine.



No. 46K27 Machine.

INSTRUCTIONS

FOR USING

THE SINGER MANUFACTURING CO.'S Nos. 46K25 to 46K27 Machines ("SURJETEUSE")

FOR SEWING GLOVES AND FURS.



To Oil the Machine.

Every machine is sent out from the factory properly adjusted and ready for immediate use. Before commencing work, however, the machine should be carefully cleaned and oiled. This can be accomplished without taking the machine to pieces and disturbing the adjustments.

As a general rule all points rubbing against another and producing friction require oiling. We would recommend that those be occasionally wiped to keep them clear of grease. Oil holes will be found at nearly every point requiring oiling. The needle bar requires an occasional drop of oil at each end. The nipper bar also requires occasional oiling from the top of the cover-plate.

Eyelets for oiling will be found in the cover-plate. To oil front feeding disc a hole will be found in top inside of disc. To oil back feeding disc a hole will be found in top of screw inside disc, and the fulcrum of rock shaft, also oil holes on each side of the head. Oil holes will be found under the hinged cover for the cam shaft. To oil the bottom of the machine, turn it over upon its hinges and apply a drop of oil at each end of the feed connection and at the bearing of the feed bell-crank, also the looper rock shaft fulcrum joint and the looper rock shaft fulcrum bush. A single drop of oil is sufficient at any point.

Be sure that every part is clean before commencing to sew, and if the machine runs hard at any time it is because some place has been overlooked in oiling.

If the machine runs hard after standing idle for some time, use a little paraffin oil or benzine in the usual way, and run rapidly, wipe clean, and then oil with our extra quality machine oil, which should always be used. To make sure of good oil, buy it at any of the Company's offices from their authorised agents. The best oil is put up in bottles with "The Singer Manufacturing Company" moulded in the panel, and each cork sealed with the Company's trade mark.

To Oil the Stand.

The points requiring oil in the stand are—the bearings at each end of the band-wheel crank, treadle and treadle pitman.

The instructions given for cleaning the machine, and the quantity of oil to be used in oiling, apply also to the stand.

To Set the Needle.

(Nos. 46K25 and 46K26 Machines).

Loosen the screw in the left-hand side of the needle-bar and insert the needle in the needle-slot or opening in the front end, with the *short* groove of the needle in the *upper* side. Then turn the balance-wheel *away* from the operator till the needle-bar has reached the point nearest the operator. The needle must then be adjusted in the needle-slot so that the eye of the needle is exactly in line with the mark across the needle groove, then re-fasten the screw on the left-hand side of the needle-bar. The above instruction is most important and should be carefully observed.

To Set the Needle.

(No. 46K27 Machine).

Loosen the screw in the left-hand side of the needle-bar and insert the needle in the needle-slot or opening in the front end *with the Bias side of the needle to the right hand of the operator*. Then turn the balance-wheel *away* from the operator till the needle-bar has reached the point nearest the operator. The needle must then be adjusted in the needle-slot so that the eye of the needle is exactly in line with the mark across the needle groove, then re-fasten the screw on the left-hand side of the needle-bar. The above instruction should be carefully observed.

Threading the Machine.

(For Single Looper).

Place the spool of thread upon the spool-holder, pass the thread through the eye behind the tension discs, then between the latter from above, through the eye in front of the tension discs into the slot in staple wire above take-up spring, through the eye in front of the machine, and from above in the needle-bar thread nipper. Then draw the thread from the left to the right around the bottom of the needle-bar into the slot in the right side of the needle clamp and thread the needle from below.

To Operate the Machine.

To do this it is only necessary to remember that in working, the balance-wheel should turn *from* you.

To Sew.

In order to place the work between the feeding discs, press the foot-lifter or knee-lifter which causes the discs to open. Then place the two pieces of fur to be sewn between the feeding discs, and release the pressure upon the foot-lifter or knee-lifter. Take the end of the thread in the left hand, turn the balance-wheel away from you, and begin with the sewing. Special attention should be paid to the two fur pieces inserted between the discs, so that the feeding will work against the hair. When sewing, the operator must push down any protruding hairs between the fur pieces with the tweezers to prevent them being caught in the stitching.

To Thread the Double Thread Looper.

(No. 46K25 Machine).

Place a spool of thread on the spool holder, pass the thread first through the eye, then between the tension discs from above, thence through the eye in front of the discs, through the eye at point of flat guide finger, from behind through the hole in the looper, and finally thread from above through the hole in the point of the looper. When beginning to work, take both threads in the right hand till the first stitch is made, then place the threads in the opposite direction and stitch them on.

To Thread the Double Thread Looper.

(No. 46K26 Machine).

Place a spool of thread on the spool-holder, pass the thread first through the eye, then between the tension discs from above, thence through the eye in front of the discs, through the eye at point of take-up spring, then through the eye on the arm, from behind through the hole in the looper, and finally thread from above through the hole in the point of the looper. When beginning to work, take both threads in the right hand till the first stitch is made, then place the threads in the opposite direction and stitch them on.

To Thread the Double Thread Looper.

(No. 46K27 Machine).

Place a spool of thread on the spool-holder, pass the thread first through the eye, then between the tension discs from above, thence through the eye in front of the discs, through the eye on the arm, from behind through the hole in the looper, and finally thread from above through the hole in the point of the looper. When beginning to work, take both threads in the right hand till the first stitch is made, then place the threads in the opposite direction and stitch them on.

To Insert the Double Thread Looper.

The machine is supplied with a double thread looper for stitching furs which require a very strong seam, for instance, trimming, etc. This looper is also frequently used for binding babies' leather shoes lined with flannel. To insert this looper, loosen the two looper screws, take out the single thread looper and re-place it by the double thread one. Care should be taken that it is set into the holder, quite up to the stop pin, and adjusted so that it does not strike the needle groove when sewing; both screws must then be re-tightened.

To Regulate the Feed.

The feed-regulating thumb screw is fitted at the left side of the head; loosen the thumb screw and push it back to shorten the stitch, and forward to lengthen it. When the desired length of stitch is obtained, fasten the screw in its position. Care should be taken when altering the length of the stitch to have the mark on the feed regulator pad exactly opposite one of the marks in the graduated plate.

Description of Needles.

CLASS AND VARIETY.	STYLE OF POINT.	SIZES.
45 × 5	Cloth	*21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8.
46 × 7	Cloth	2, 4.

** Highest Number represents Finest Size.*

MACHINES.	CLASS AND VARIETY	NOS. OF NEEDLES.
46 K 25	46 × 5	Sizes 21 to 16
46 K 26	46 × 5	" 16 to 10
46 K 27	46 × 7	