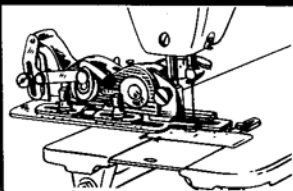


# BUTTONHOLER for INDUSTRIAL use

MODEL No. YS-4455

instruction book



## WINGED SCREW (A)

Screw (A) should always be turned toward you until needle is at the back position of Presser Foot of Buttonholer when starting each buttonhole. This adjustment will keep buttonholes in a straight line down or across finished garment.

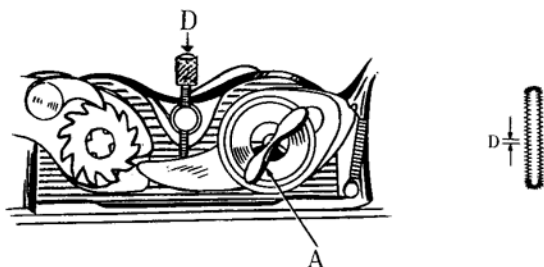
## ADJUSTING NUMBER OF STITCHES

When changing size of buttonholes, it is necessary to increase or reduce the number of stitches.

For longer buttonholes, turn screw (D) clock-wise to increase stitches.

For smaller buttonholes, turn screw (D) counter-clockwise to reduce stitches.

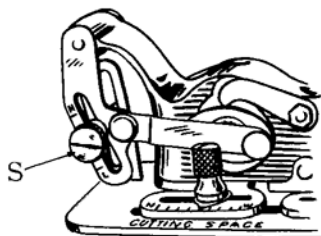
Screw (D) must be turned only slightly either way, and trial stitching is desirable before actual sewing.



## ADJUSTING FOR LENGTH

Length of buttonholes can be adjusted by Length Adjusting Screw (S) from  $\frac{3}{8}$ " -  $\frac{1}{2}$ " -  $\frac{3}{4}$ " - 1" long.

For longer buttonholer, loosen Adjusting Screw (S) and move it down toward "L". Tighten Screw firmly. For smaller buttonholer, move Screw (S) up toward "H", and tighten firmly.



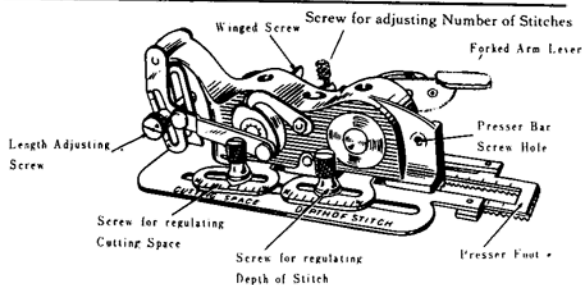
## MAKING A BUTTONHOLE

Place button on material and mark its size and position by pencil dots. Lower needle in dot nearest edge of cloth.

Turn Winged Screw (A) toward you until needle is at back of Presser Foot. Drop Presser Bar Lift with a snap, and draw bobbin thread, and start sewing at moderate speed. The Buttonhole will sew down the right side and up the left side, allowing a few stitches to over-lap at starting point to strengthen the upper end of buttonhole.

If stitches tend to skip, loosen needle setting screw and slightly lowering the needle, firmly tighten the screw.

## BUTTONHOLER FOR INDUSTRIAL USE Model No. YS-4455

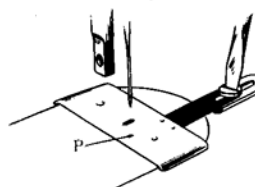


## TO FASTEN FEED COVER

Remove Presser Foot and Screw from Presser Bar of your sewing machine and place them in Buttonholer Case to avoid mislaying.

Place Feed Cover (P) in position as shown, making certain needle passes through center of slot before firmly fastening with small screw supplied.

Use fine needle with perfect point, tighten needle set screw securely.



Thread machine with fine thread, draw bobbin thread up through needle hole of plate (P), raise Presser Bar and you are ready to attach your Buttonholer.

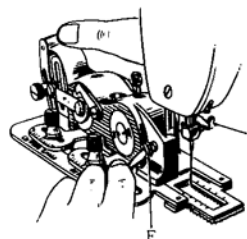
Notice: When you intend to attach Buttonholer to 95K Sewing Machine, please let us know, as we will supply special Needle Setting Screw and Clamp for fixing needle correctly.

## TO ATTACH BUTTONHOLER

Slide Buttonholer in position from rear of Presser Bar, guiding Forked Arm Lever (L) over needle set screw. The Presser Bar of your sewing machine will fit into square groove of Buttonholer.

Insert Presser Bar Screw through Buttonholer and Presser Bar, and tighten Screw (E) firmly with screw driver.

(Sewing machine should be run at moderate speed to allow Buttonholer to feed material from side to side.)



## DEPTH OF STITCH

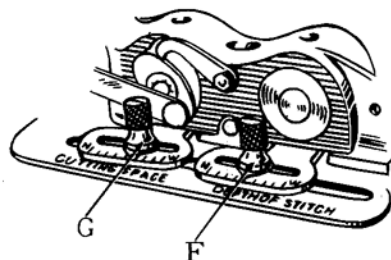
The depth or width of stitch on buttonhole may require adjusting from wide to narrow when changing from thin to heavy material.

For wider stitch (for thick or heavy material), move Screw (F) gradually toward "W". For narrower stitch (for thin or light weight material), move Screw (F) gradually toward "N".

## CUTTING SPACE

Screw (G) should be set to correspond with Screw (F) pointers under (F) and (G) exactly on line on the plate. This will permit enough cutting space. Too much cutting space shows a ragged edge on finished garment after cutting with sharp scissors or razor blade.

When necessary to adjust Cutting Space, move Screws (F) and (G) slowly one graduation by another.



Depth of stitch



Cutting space