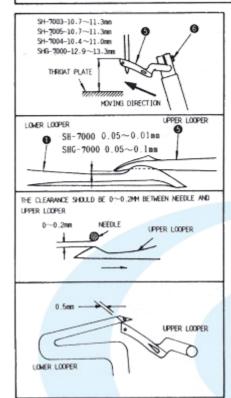
12. SETTING THE UPPER LOOPER



NOVELTY MODEL

MODEL.	INTERVAL
SH-7000-B33	11 ±0.3mm
SH-7000-B53	10.8 ±0.3mm
SHG-7000	13.1 ±0.2mm

★Upper looper

- When upper looper has advanced farthest, it should be distanced 10.4 to 11.0 mm from
- to stock to de distanced 10.4 to 11.0 mm from the overedging needle for SH-7004 , and 10.7 to 11.3 mm for SH-7003 and SH-7005.

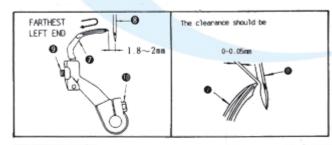
 2. The clearance between upper looper 10 and lower looper 10 when they are crossed each other should be 0.05 to 0.1 MM

 3. To make adjustment, loosen setsorew 10 and more the upper looper 10.
- move the upper looper.
- whise a proper upper looper according to the count of the needle used in accordance with the table shown below. When placing orders, specify the bracketed numbers ...

MODEL	NUMBER ENGRAVED ON UPPER LOOPER	COUNT OF NEEDLE	
SH-7003 SH-7005	1188 80	#8~#13(#14)	
	1188 81	#14~#20(#13)	
	1188 83	#21	
SH-7004	1188 [81]	#6~#8(#9)	
	1188 [83]	#9~#14	
SH-7094	1188 82	#14	

*AVOID USING NEEDLES WITH THE BRACKETED COUNTS AS MUCH AS POSSIBLE

13. Adjusting the double chain looper



DOUBLE CHAIN LOOPER

- DOUBLE CHAIN LOOPER

 1. Returning amount of the double chain looper point of the double chain looper should be 1.8 to 2 mm when the looper

 1s at the extreme left of its travel.

 2. Clearance between the double chain looper and the needle The clearance should be 0.00 to 0.05 mm.

 3. To neefform the adjustment, loopen
- 3.To perform the adjustment, loosen setscrew ❸ and move DOUBLE-CHAIN looper holder ❹

Longitudinal motion (Ayold motion)

The standard minor axis of the elliptical motion should be 2.93 mm (central value).



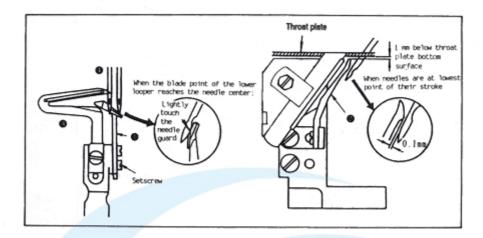
SH-7000 2.8~3.06mm SHG-7000 3.2~3.5mm

Note: The avoid motion should be adjusted in accordance with Needle No.



The tilt of the double chain looper should be \$17000 lmm \$H07000 l.6mm

14. THE NEEDLE GUARD

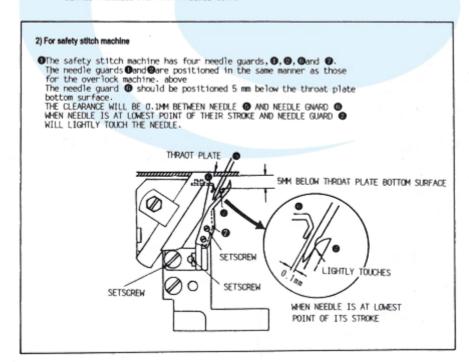


For 1-NEEDLE OR 2-NEEDLE OVERLOCK MACHINE
THE OVERLOCK MACHINE HAS TWO NEEDLE GUARDS.

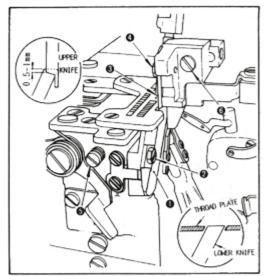
AND

, WHEN
THE BLADE POINT OF THE LOWER LOOPER REACHES THE NEEDLE CENTER,
THE NEEDLE

WILL LIGHTLY TOUCH THE NEEDLE GUARD. THE FRONT
NEED GUARD WILL BE 1MM BELON THE THROAT PLATE AND WHEN NEEDLES
ARE LOWEST POINT OF THEIR STROKE. THE CLEARANCE WILL BE 0.1MM
BETWEEN NEEDLES AND FRONT NEEDLE GUARD



15. KNIVES AND OVEREDGE WIDTH



*Height of the lower knife

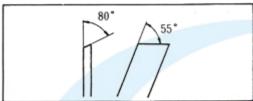
Loosen setscrew ● and adjust the height of lower knife ● so that its edge is 0~0.99M LOWER THWN THROAT PLATE THEN TIGHTEN THE SETSCREW ●

*Height of the upper knife

Loosen setscreus \bullet , \bullet and perform adjustment so that upper knife \bullet overlaps lower knife \bullet by 0.5 to 1 mm when the upper knife is at its lowest point.

★Overedge width

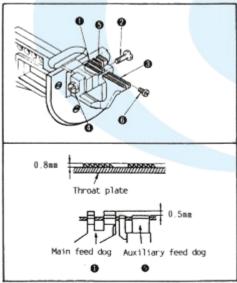
DEPEND ON WARIOUS MIDDEL OF MACHINES THE MIDTH OF OVEREDGING ARE DIFFERENT HEN ADJUSTING: LODSENING THE SETSCREN (OF PLSH (ONER KINFE (OF TO THE LEFT AND FIX. LOOSENING THE SETSOREW AND ADJUST THE UPPER KNIFE TO ITS PROPER POSITION AND FIX THE SETSOREW AND LOOSENING SETSCREW & THEN TIGHTEN THE SETSCREW & WEN THE LOWER KNIFE COMES IN CONTACT WITH THE UPPER KNIFE.



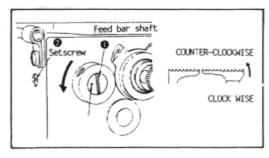
*Resharpening the lower knife

When the lower knife has become dull, resharpen it as shown in the figure left.

16. POSITIONING OF THE FEED DOG

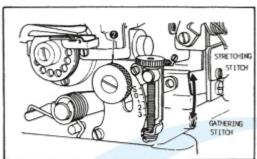


- 3. THE HEIGHT OF DIFFERENTIAL FEED DOG IS SAME AS THE MAIN
- 4.THE HEIGHT OF AUXILIARY FEED DOG SHOULD BE 0.5 MM LOWER THAN THE MAIN FEED DOG



- 1.LOOSEN THE SETSORE ② AND TWIST THE ECCENTRIC SHAFT TO
 ADJUST THE TILT OF FEED DOG
 2.WHEN TURN THE ECCENTRIC SHAFT CLOCKWISE, THE FEED DOG WILL
 BE TILTED WITH THE FRONT UP. IF TURN THE ECCENTRIC COUNTERCLOCKWISE THEN THE FEED DOG WILL BE TILTED WITH THE FRONT

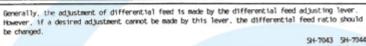
17. DIFFERENTIAL FEED MECHANISM

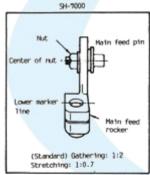


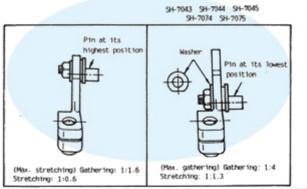
- 1.LODSEN THE DIFFERENTIAL LOCK NUT AND MOVE THE ROCKER SHAFT UPWARD FOR STRETCHING AND HOVE DOWN WARD FOR GATHERING.
- UPAMED FOR SIRE-IDITING AND MOVE DOWN MAND FOR GATHERING.

 2-Position "S" is for stretching stitch of a ratio of 1:0.7 and position "0" provides a differential feed ratio of 1:1. POSITION 3 PROVIDES MAXIMUM DIFFERENTIAL FEED RATIO OF 1:2

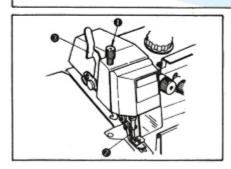
 3.When you want to move the lever only slightly, use differential feed minute-adjust screw ●







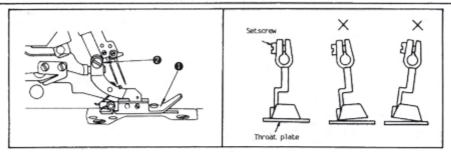
18. PRESSER FOOT PRESSURE AND LIFTER



Increaseing the pressure by Turning the presser foot adjust scren • Cloowise and for decreasing the pressure by Turning adjust scren • Counter- Clook wise.

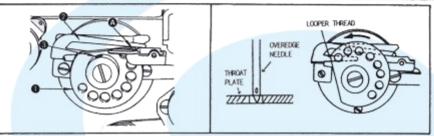
When you turn presser foot assembly lacktriangle side-ways, bring down presser lifting lever lacktriangle . Whenever the presser foot is returned to its original position, be sure to bring up the presser lifting lever.

19. Positioning the presser foot

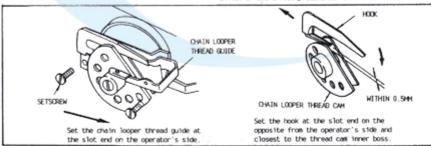


The presser foot should be positioned so that the feed dogs go down under the specified presser foot pressure, and the presser foot sole comes in contact evenly with the throat plate surface.

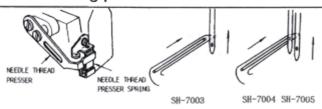
20. CHAIN LOOPER THREAD CAM



Position the thread can so that a corner of the thread can contacts with the bottom surface of the hook when the needles are at the highest point of their stroke. Loosen setscrew • , and adjust chain looper thread can • so that (A) of the chain looper thread can meets the bottom of looper thread can pavl • when the needle is at its highest position. Make sure that the chain looper thread can releases the looper thread at the moment the needle point starts to go below the bottom of the throat plate under this condition.



21. Mounting position of the needle thread presser



FROM LOWEST POINT OF 1TS STROKE WHEN NEEDLE RASIED FROM ITS LOWEST DEAD POINT AND REACH TO THE TIP OF LOWER LOOPER, THE NEEDLE THREAD PRESSER IS LIGHTLY KEEP TOUCHING THE NEEDLE THREAD PRESSER SPRING