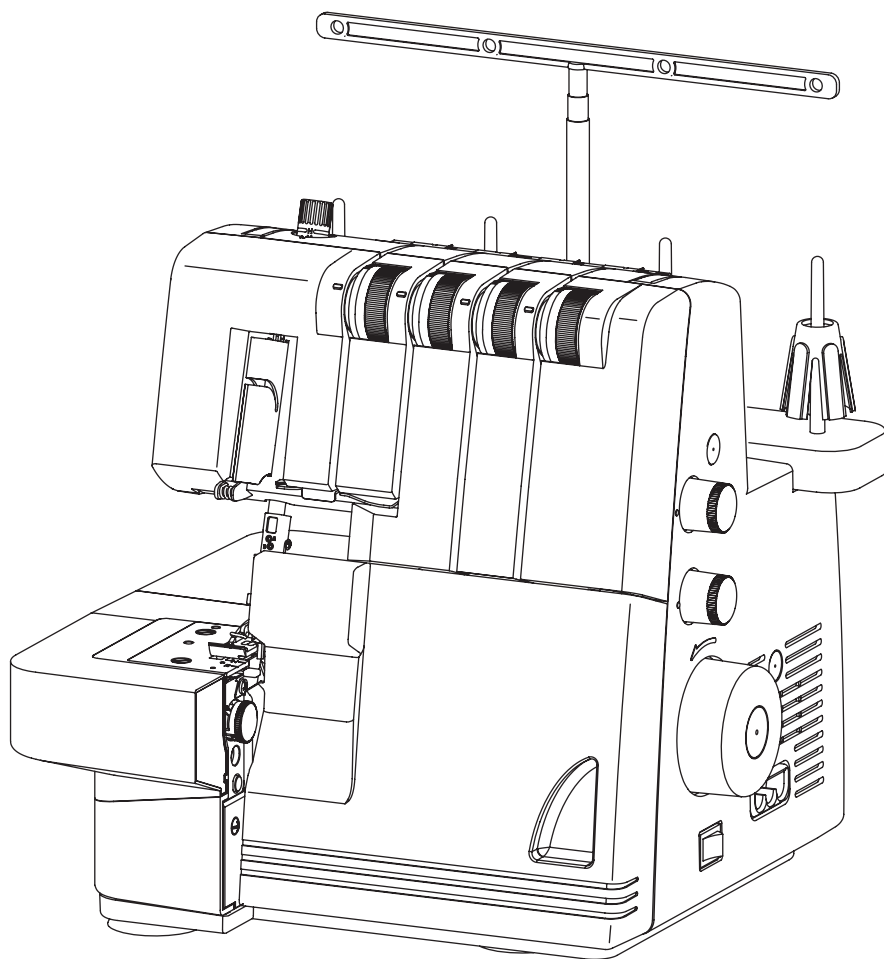
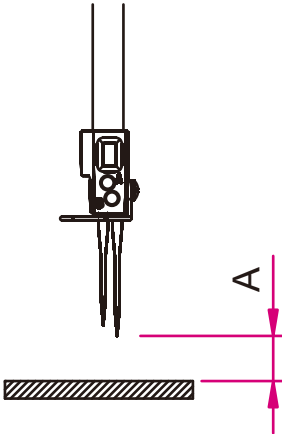


MO-80CB

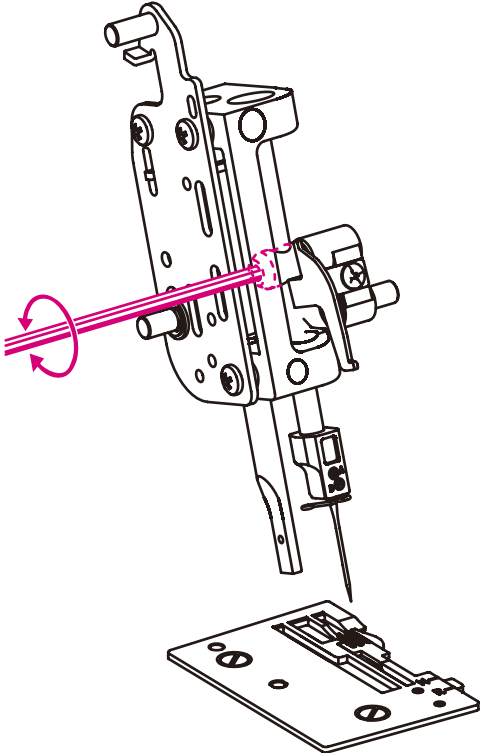
Service Manual



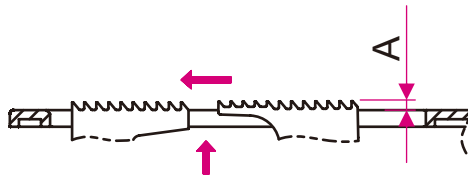
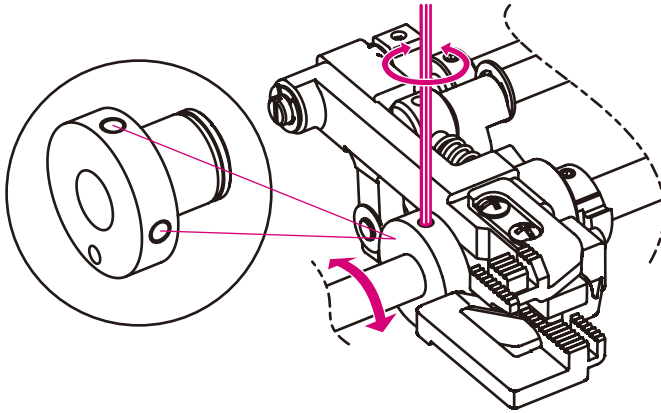
1. HEIGHT OF THE NEEDLE BAR.



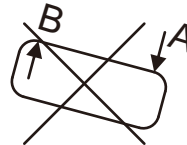
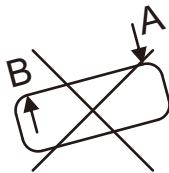
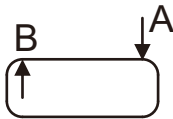
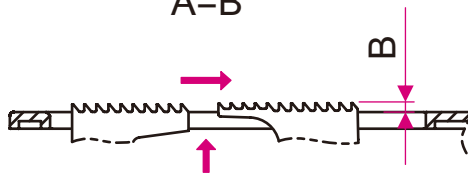
A=10.8



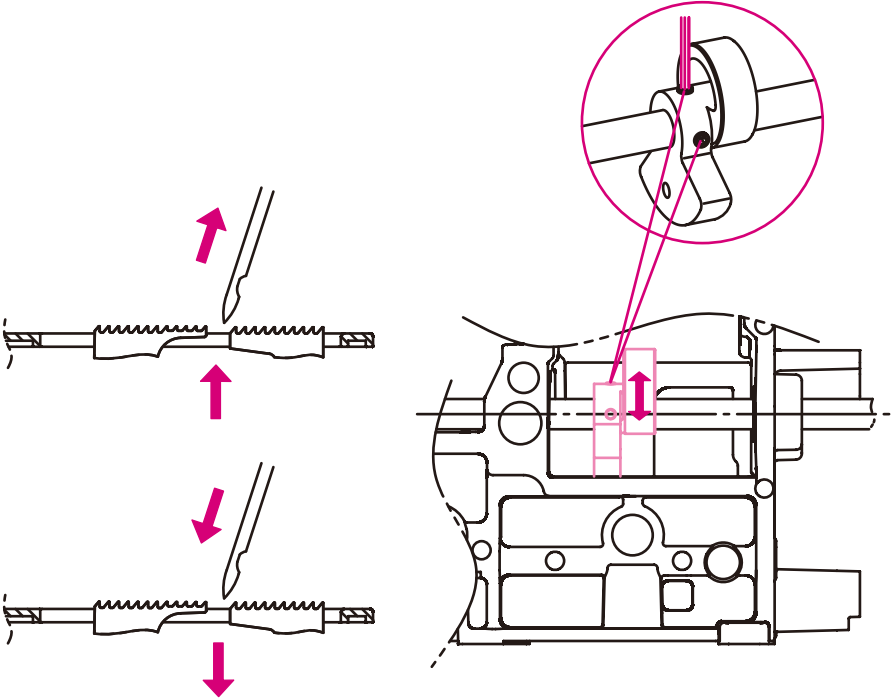
2. ADJUSTMENT OF THE FEED DOG LIFT.



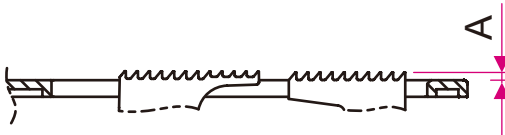
$A=B$



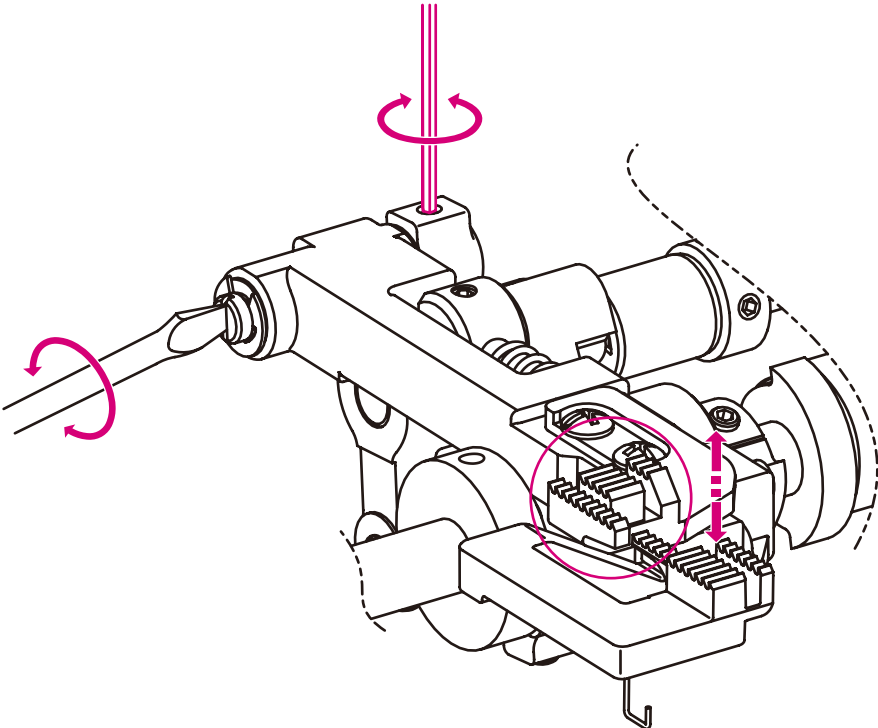
3. ADJUSTMENT OF THE NEEDLE BAR IN RELATION TO THE FEED DOG SHIFT.



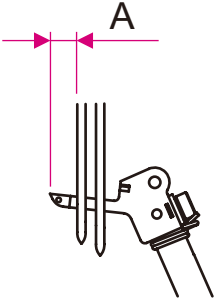
4. HEIGHT OF THE FEED DOG.



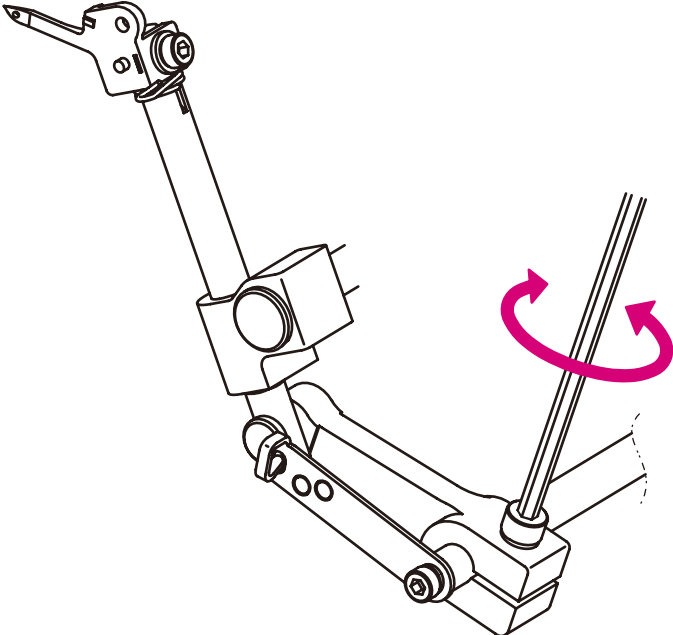
$A=1.1$



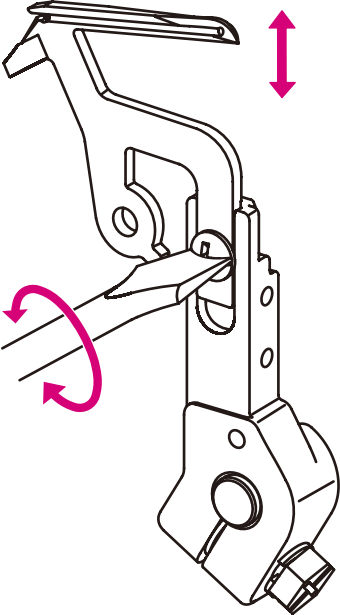
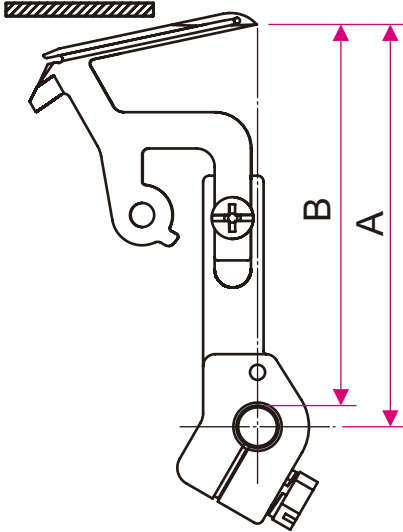
5. PROJECTION OF THE UPPER LOOPER.



A=4.5

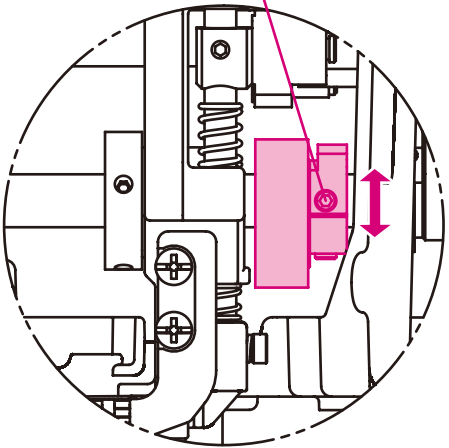
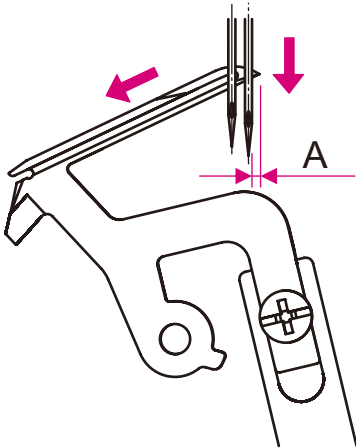
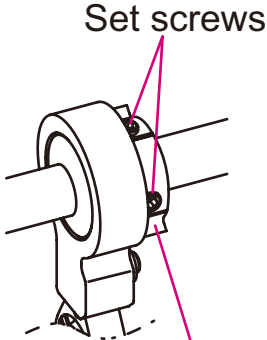
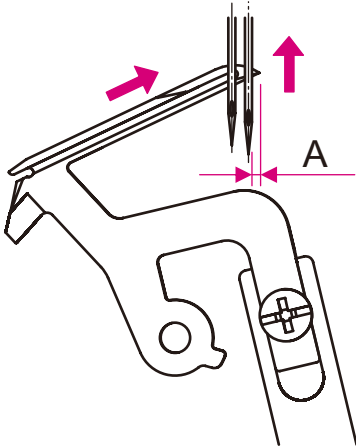


6. RADIUS OF THE LOWER LOOPER.

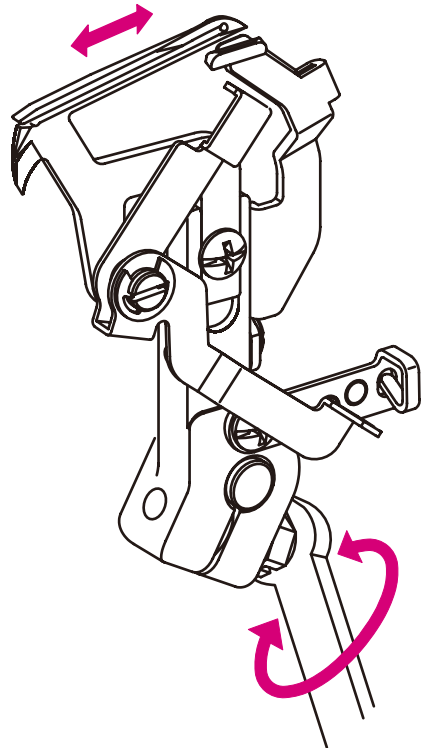
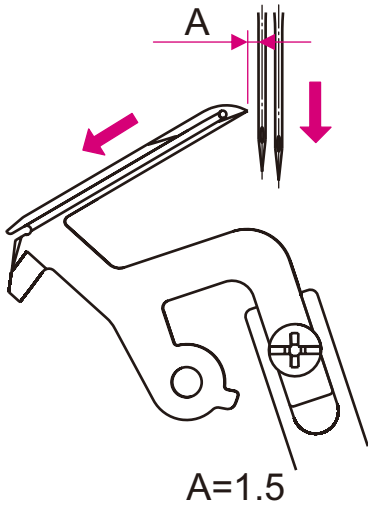


A=66.5
B=62.5

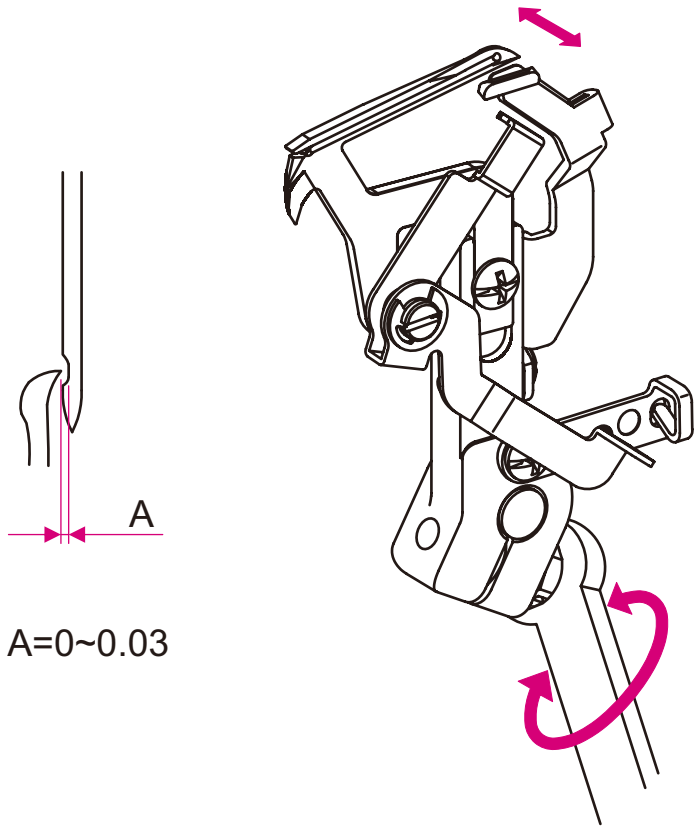
7. ADJUSTMENT OF THE STOPPING POINT OF THE LOWER LOOPER (SYNCHRONIZATION) (USECLAMP).



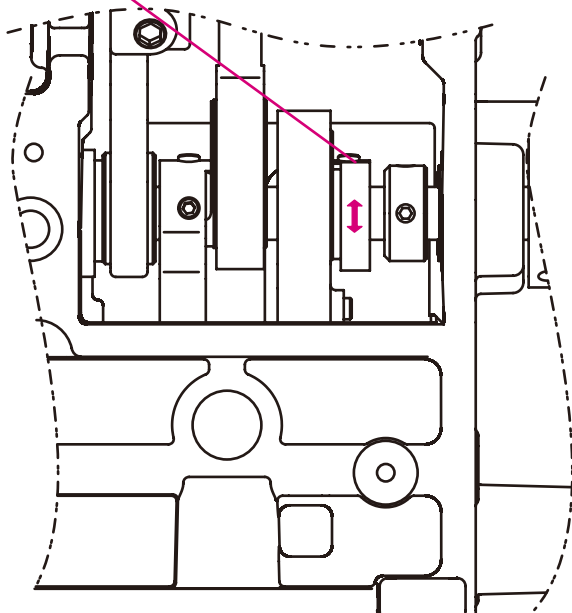
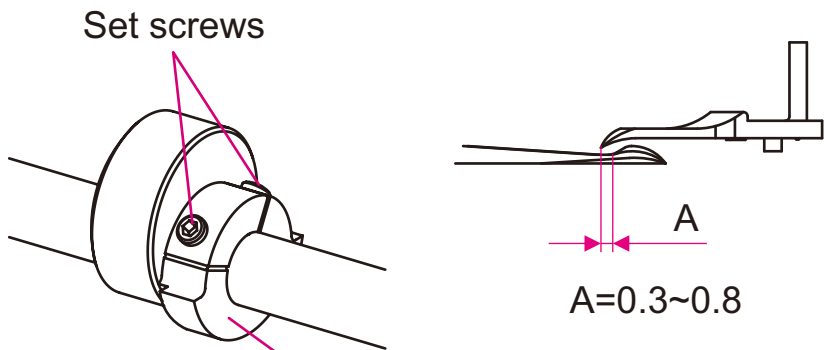
8. CLEARANCE BETWEEN LOWER LOOPER POINT, WHEN AT LEFT MOST POSITION, TO THE LEFT SIDE OF THE LEFT NEEDLE.



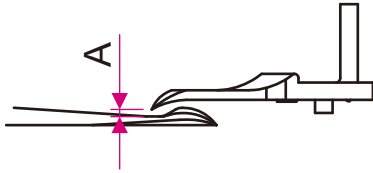
9. CLEARANCE BETWEEN LOWER LOOPER AND THE LEFT AND THE RIGHT HAND NEEDLE.



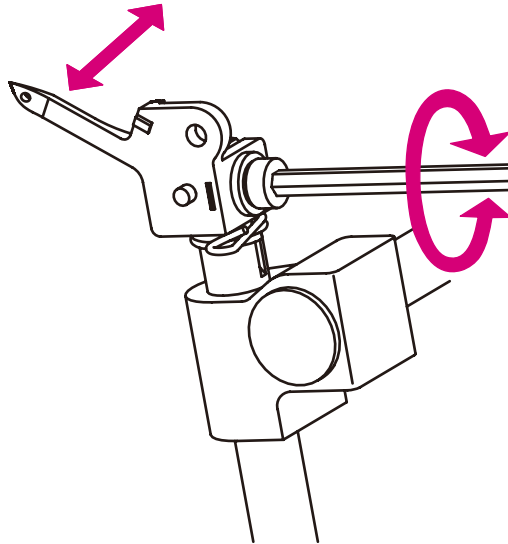
10. TIMING BETWEEN UPPER AND LOWER LOOPER.



11. CLEARANCE BETWEEN LOWER LOOPER AND UPPER LOOPER.

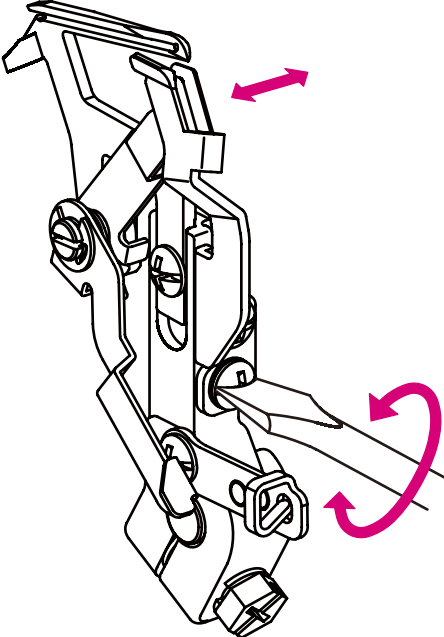
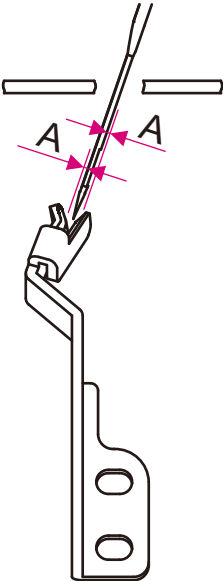


$A=0.05\sim 0.2$



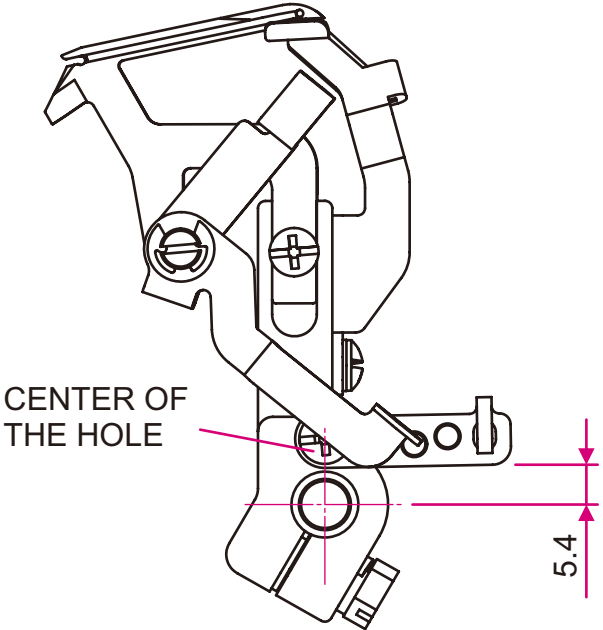
12. CLEARANCE BETWEEN NEEDLE AND FRONT NEEDLE GUARD.

$A=0\sim 0.03$

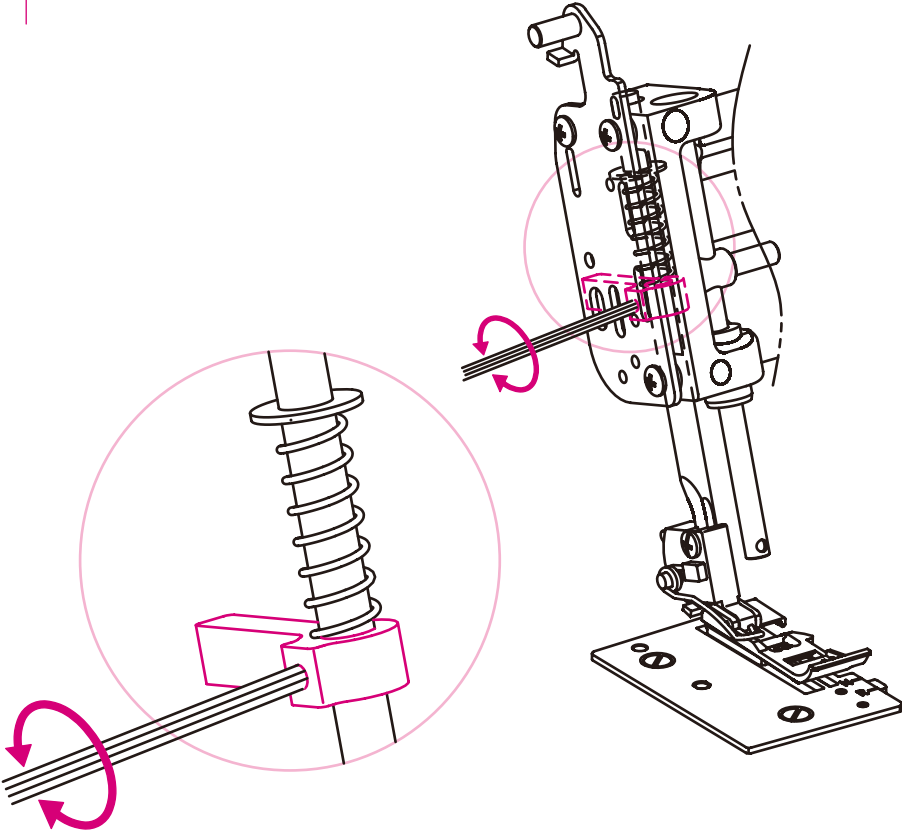
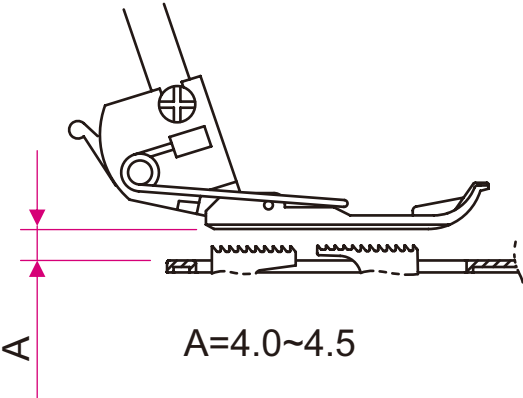


13. POSITION OF THE LOWER LOOPER THREAD TAKE-UP LEVER.

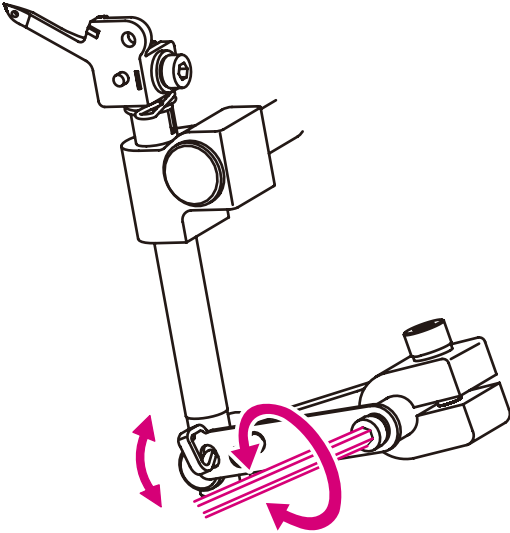
THE DISTANCE IS FROM THE EDGE OF LOWER LOOPER THREAD TAKE-UP LEVER TO THE CENTER OF LOWER LOOPER SHAFT.



14. HEIGHT OF THE PRESSER FOOT.



15. POSITION OF THE UPPER LOOPER THREAD TAKE-UP LEVER.



TO THE LOWERMOST

