

(2)

2.1.2

가 .

(yarn feeder), (needle), ()
) , 가
.

가

. < 1.18 >

. a : , b :
() 가

, c : ()

. d :

가

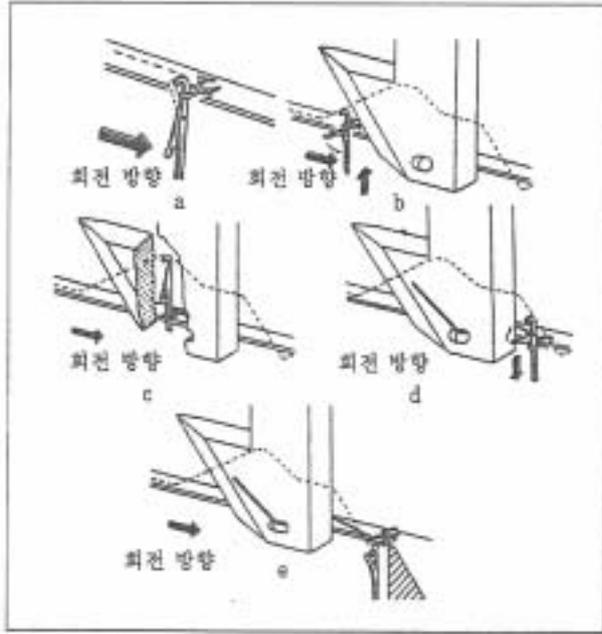
. 가 ()
) .

가 . e :

() 가

() .

() 가 .



< 1.18 >

(1) (feeder)

가

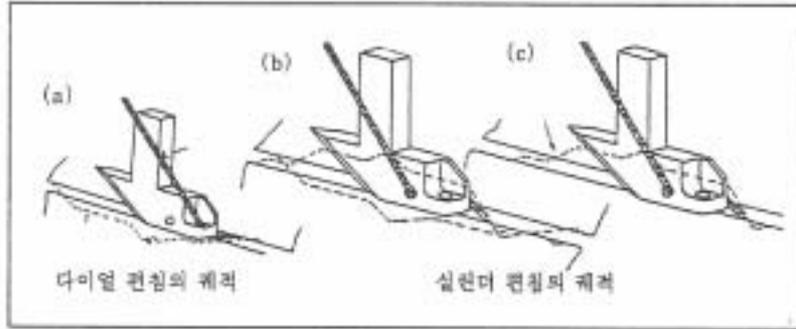
가

가

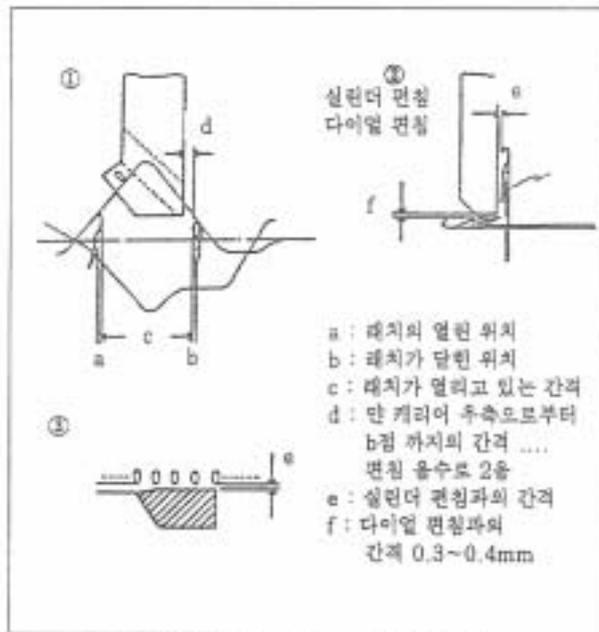
1 3~4

가

가 . < 1.19>, < 1.20>



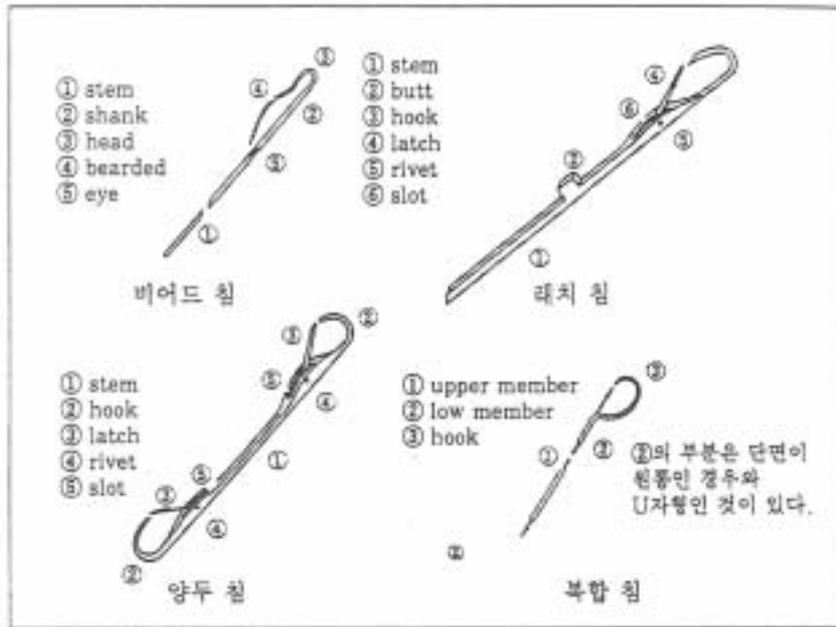
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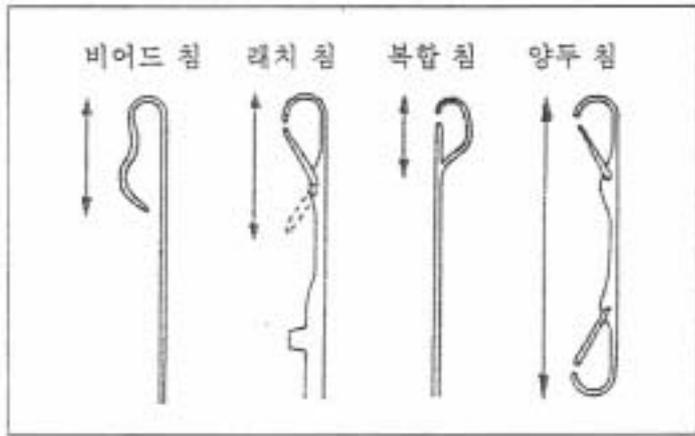
< 1.20>

(2) (needle)

가 . , , , 4 . (,) () , (弔機) . < 1.21>, < 1.22>



< 1.21>



< 1.22>

가

.
가
, 가 가 . 가
, , , 가

. 가 () .
가 가

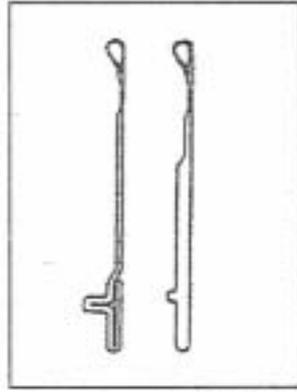
.< 1.22> 가 .
가

, , .
가

50

(板針) (線針) .
가 ,
가

.< 1.23> (板針) (線針) .



< 1.23> (線針) (板針)

, , ,
 , ,
 가
 .
 가 ,
 ,
 () 가
 () 가
 ()
 가 , 가
 .
 (,) , 가 60
 15 1
 7.5 1 7.5
 . 가 80% 518,400

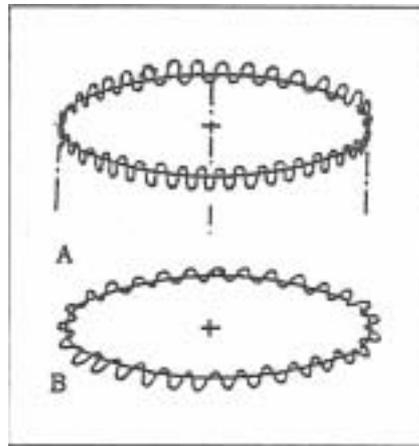
가 가

< 1.25>

가

(feeder)

(), B ()
A A B



< 1.25>

, (), 가 ,

< 1.24> ,

< 1.26> ,

< 1.27> 3가 .

가

가

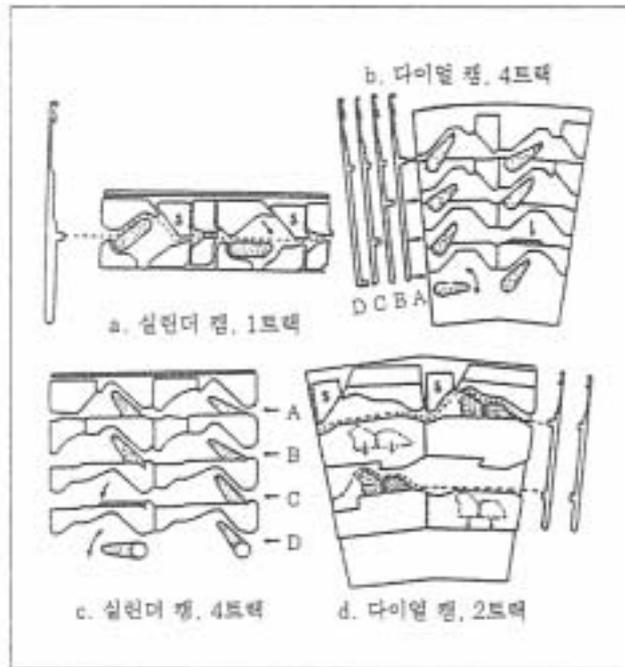
가

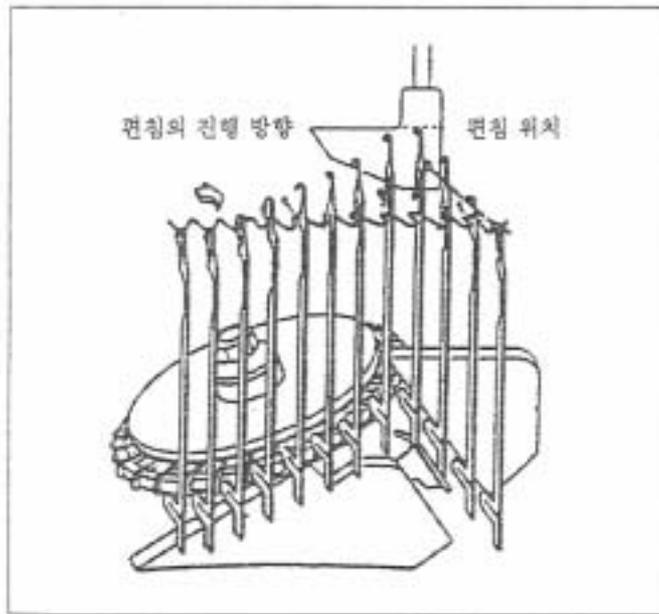
()

가 , 가

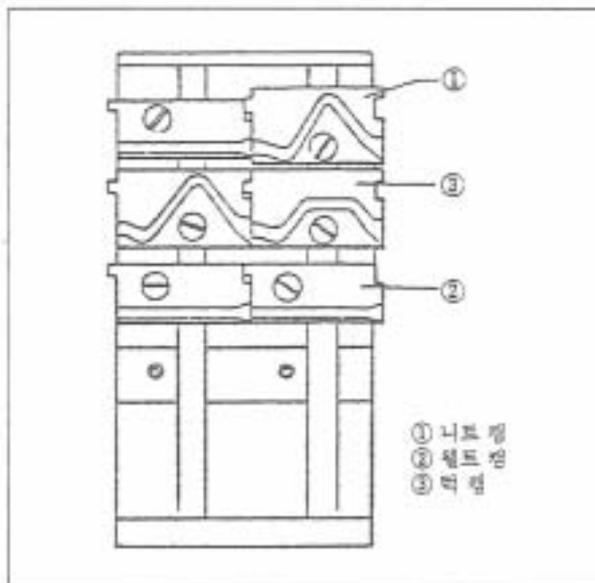
가 , 가

가 가





< 1.27 >



< 1.28 >

가 가 , 가

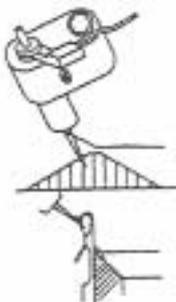
가 30 in
가

(4) (needle protector)

가

(가
가 (가
) 가 ()
)

< 1.29>

	실린더 편침의 래치 풀기	다이얼 편침의 래치 풀기	편침 동작의 이상
편 류 상 상			

< 1.29>

(5)

() 가 가 .
(,
)

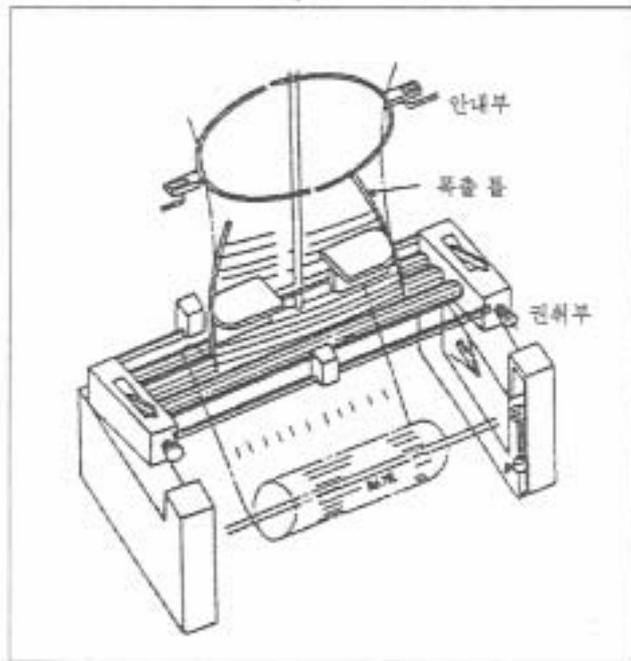
2.1.3

30m~50m/
가 .
가
가 가
가 .
, < 1.30 > .

(1)

가
가

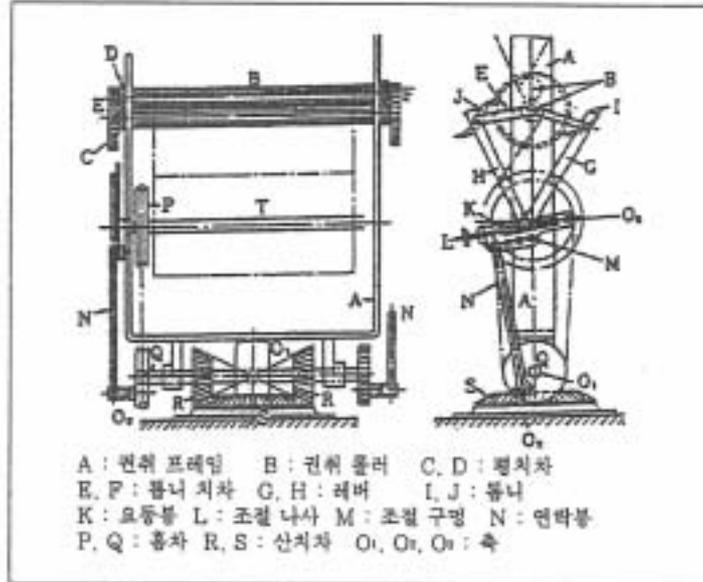
가



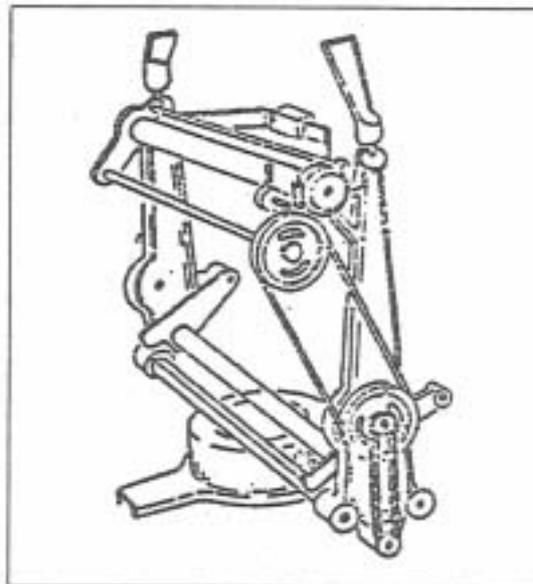
< 1.30 >

(2)

가
가
가



< 1.31 >



< 1.32 >

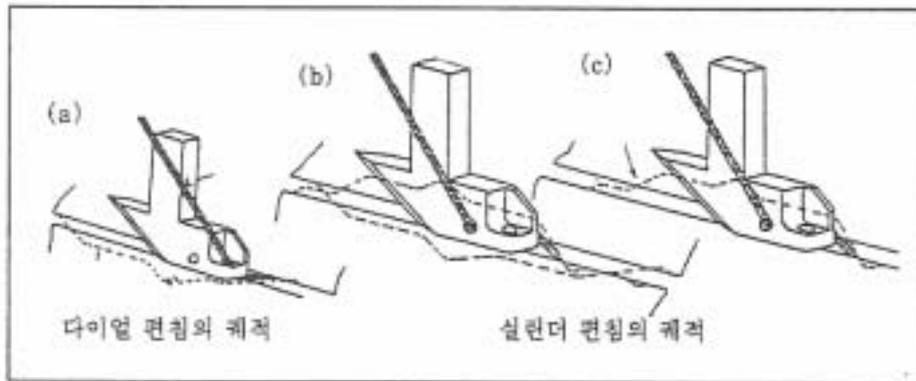
) (

) .

< 1.31>, <

1.32>

< 1.33>



< 1.33>

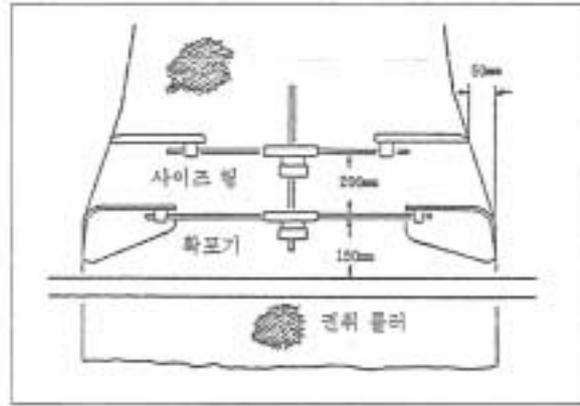
(3)

(bowing)

가 . , , ,

가 . <

1.34>

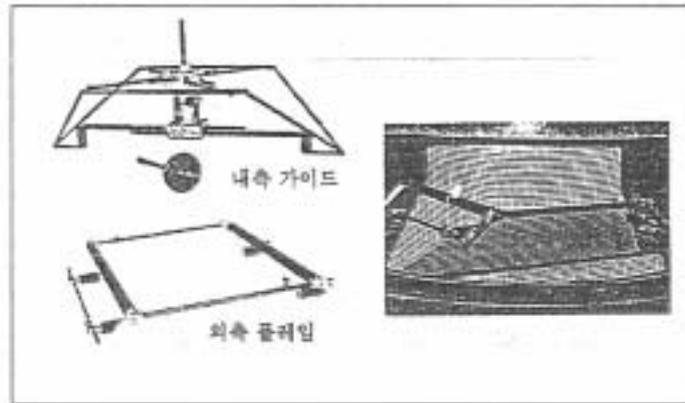


< 1.34>

가

가

. < 1.35> 가



< 1.35> 가

2.1.4

2

가

2 가

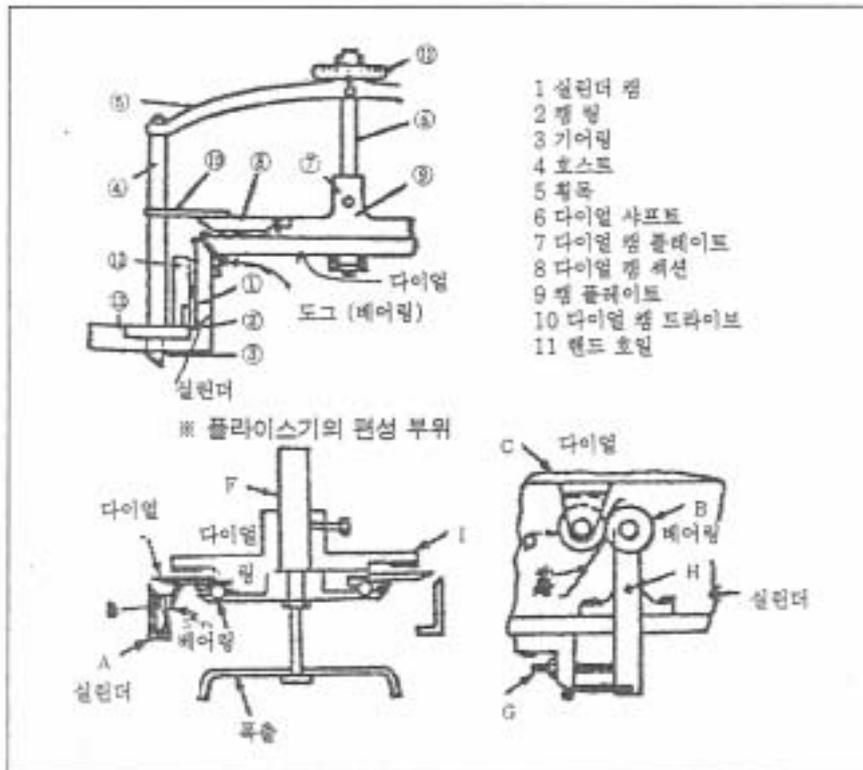
가

(,)

()

가

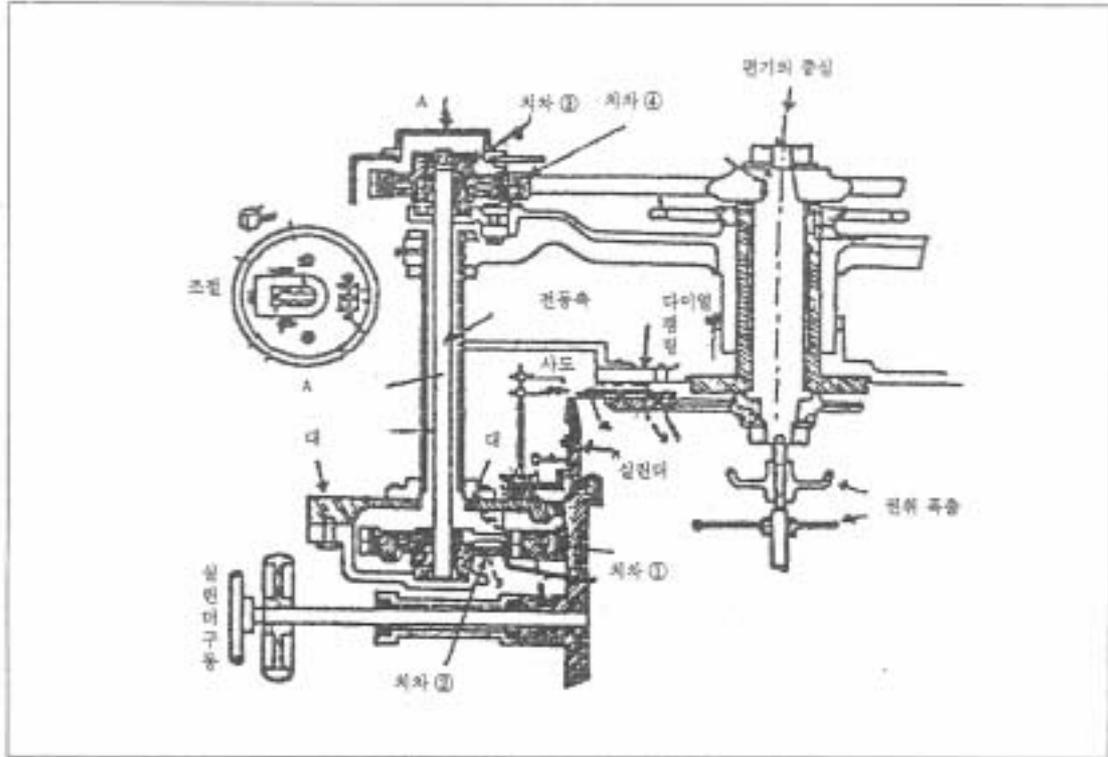
< 1.36 >



< 1.36 >

. < 1.37>
1.37>).

(< 1.36>, <



< 1.37>