

( )

3.4

3.4.1 < 17>

가

(1)

(2)

(4)

(3)

/

가

28,000rpm

가

3.4.2 < 17, 18>

(4)

(7)

가

(wharve)

< 18>

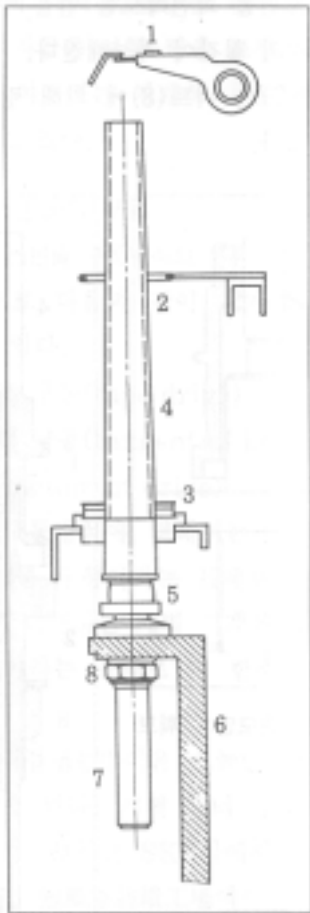
(neck bearing)

) 가

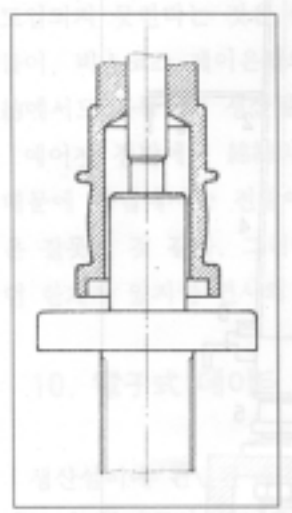
(

가

(7) (8)



< 17> 가 (1),  
(4/7) (3)



(2), < 18>

### 3.4.3

< 19>

- (7) :
- (11) : (2)

○ (1)

○ 가 (3)

○ (10)

○ (9) :

(3) .

○

, ,

,

,

가

(3)

가

가 , 가

가 가

(12) 가

가

,

< 20>가

(spiral SKF, ),

(damping sleeve SMM)

(Rieter)

가

, (b)

가

(a)

. ,

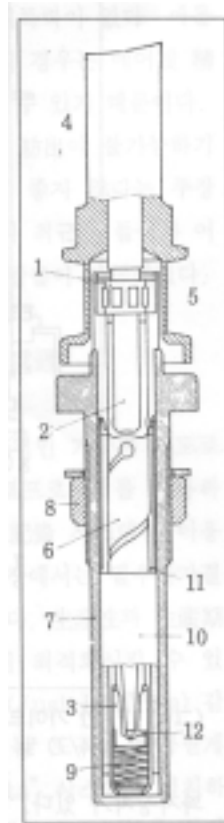
(c).

가

< 19 11>

, 10,000~20,000

가



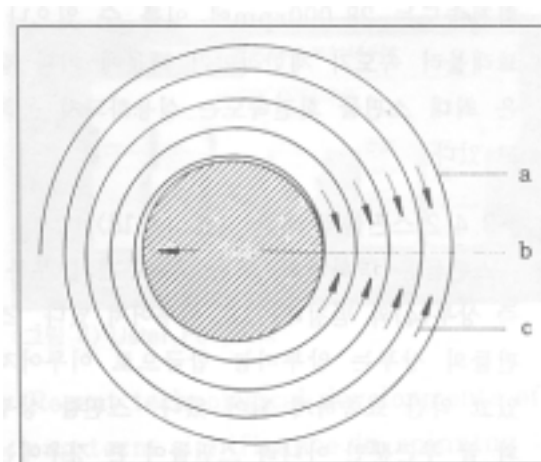
< 19>

(10)

3.4.4

가

가



< 20> : (a) , (b)  
 , (c)

### 3.4.5

#### 3.4.5.1

가

- (tape drive)
- (tangential belt drive)
- (direct drive)

,

( ) SKF

4

,

4

가

,

○

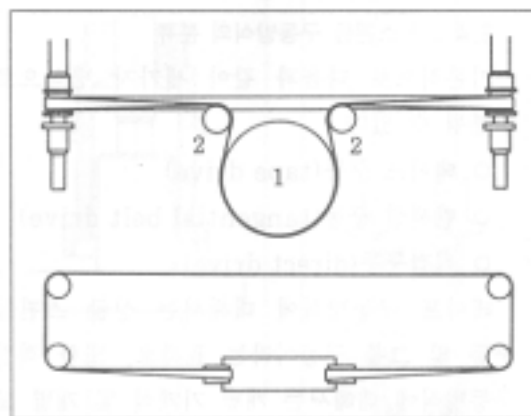
○

○

3.4.5.2 4

< 21>

가



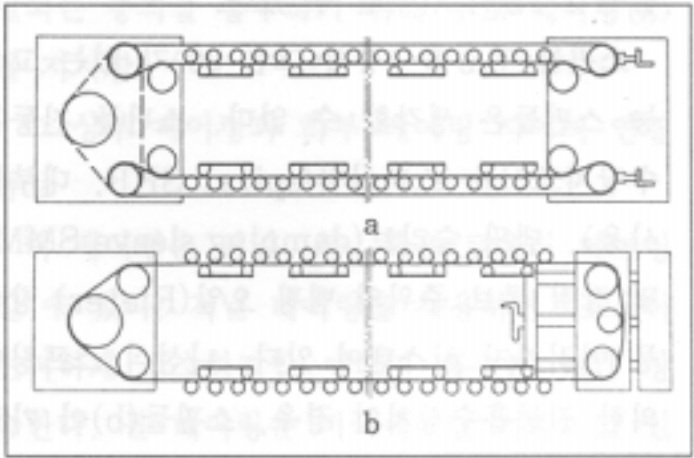
< 21> 4

3.4.5.3

< 22>

가

3가



a:더블 벨트 b:싱글 벨트

< 22>

< 22> b

(endless belt)가

< 22>

a

가

가

가

가

3.5

3.5.1 (lappet)

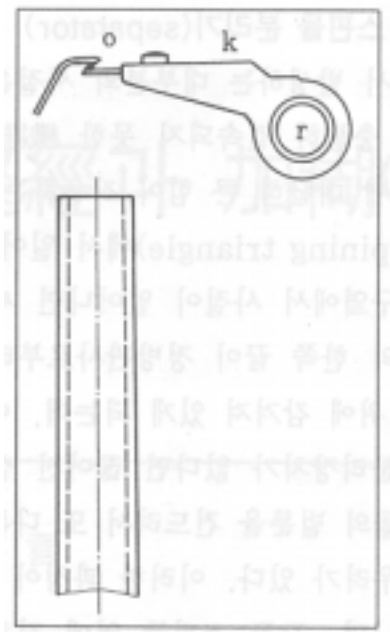
.< 23>.

가 (o) (k) .  
 가 ,  
 (r)  
 가 .

:

o

o

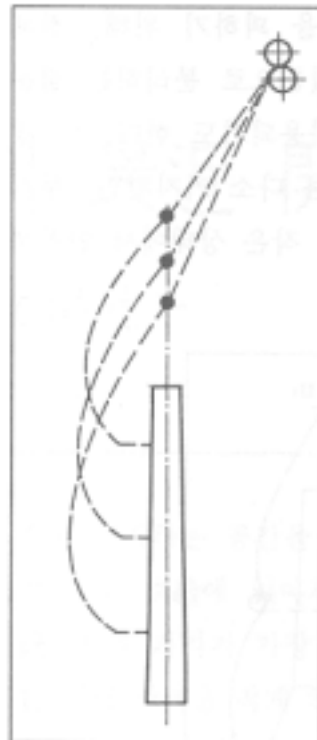


< 23> (k) 가 (o)

< 24>

가

가



< 24>

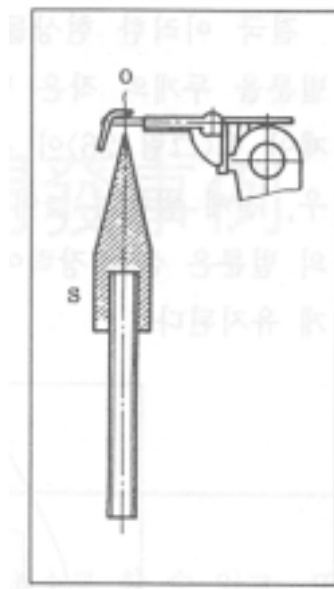
가

( 25. a)

가

가 (o)

가



< 25> 가

### 3.5.2 (Balloon control ring)

가

가

가

가

:

○

○

,

가

.

가

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가

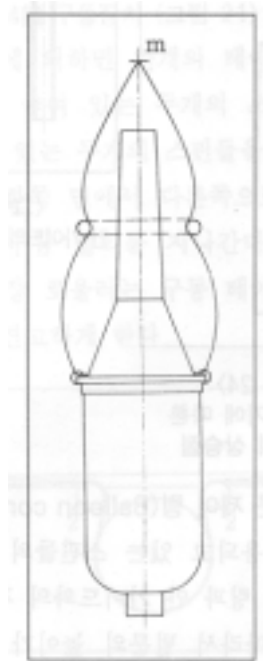
.

,

< 26>

.

,



< 26>

, 가 가

가

가

(melt spot) 가 .

, 가 . 가

3.5.3 (separator)

(fiber strand)

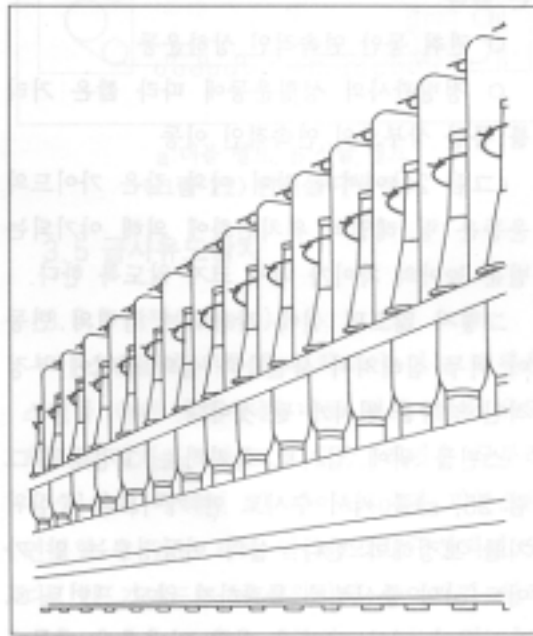
(spinning

triangle)

가

가

< 27>.



< 27>