

.

- 5. (2) -

5.2

(1)	,	.
(2)	,	,
	.	

(1)

1)

a) ,

:

,

1 2 (line) .

:

가

(smooth)

,

.

b) ,

,

1 2가

.

A.

,

.

(1)

1

1가

.

(2)

,

.

(3)

(skewer)

.

(4)

.

[] ()

()

(1) 1 1가

1 2가

(2)

(3) ()

(4)

B.

()

,

,

....

.

(1)

.

,

가

,

(2)

(3)

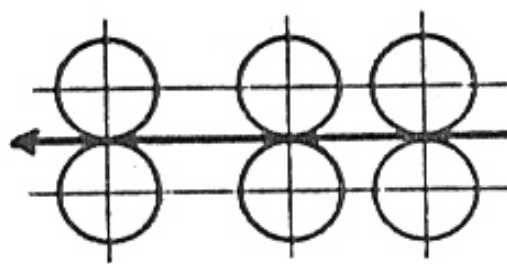
.

(4)

a)

3 < 5.1>

3



< 5.1> 3

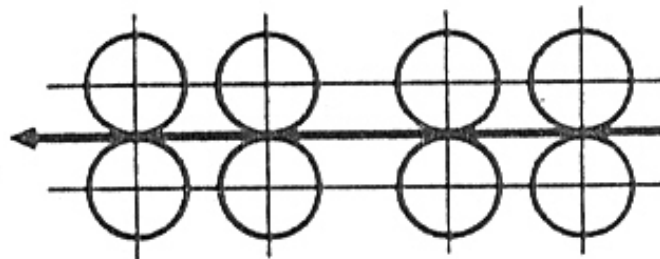
4 < 5.2>

4

2 ()

back zone, middle zone, front zone

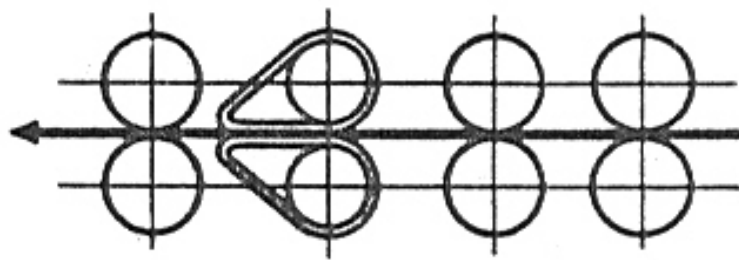
가



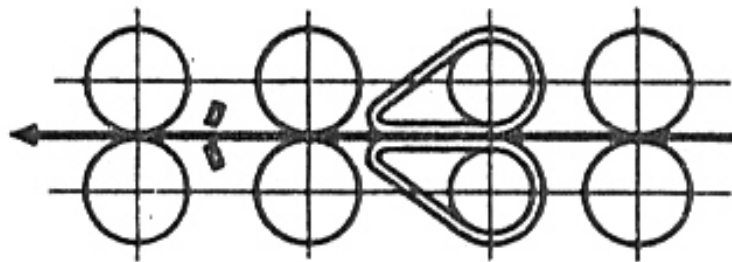
< 5.2> 4

b)

가 , 가
가 1 .
가 .
(Whithin) < 5.3>
2nd , 2



< 5.3> within

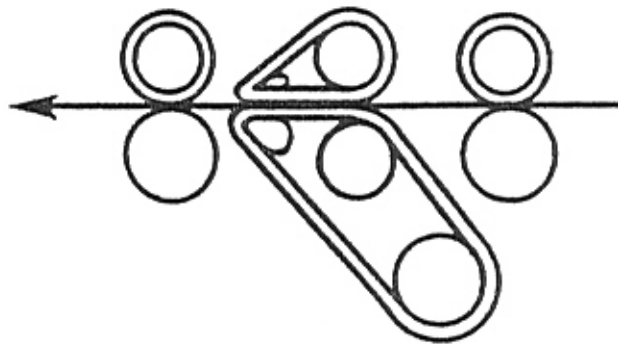


< 5.4> D

D < 5.4>

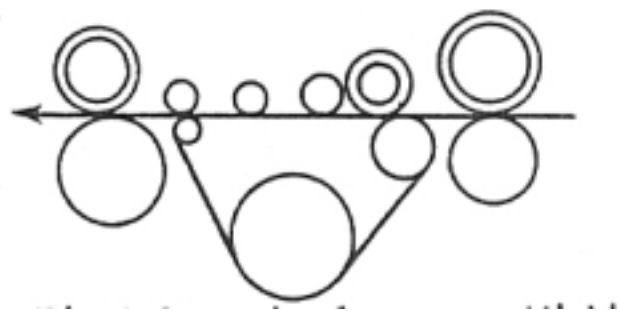
3rd

, ,
 .
 3 < 5.5>
 3 가 .



< 5.5> 3 long apron

< 5.6>



< 5.6> single apron

c)

·
(fluted roller) ·

d)

·
e)
2 1
, 가

·
f)

·
g)

dead weight spring weight
2 1

·
top arm
, 가

·, 가
·

. , ,
 . () .
 .

. A .	
A () 가 가 B , a, b ..	
.	
A	B
(1) 3	a. 3rd
(2) D	b.
(3) Whithin	c. 3
(4) 3	d. 2nd

[] (1) c, (2) a, (3) d, (4) b

. A .

.

[] D , 4 , , 3 , 3

		A	
(1)	3		3
(2)	4		, 1 () 2
	가		
(3)		front zone, middle zone, back zone	
가			
(4)	D		
(5)	D	2nd	

[] (1) high draft → draft, (2) 1 → 2 , (3) front zone → back zone
back zone → front zone, (4) , (5) 2nd → 3rd

		A	
		()	
			,
		1	(1) , (2)
	(3)		(4)
[	가		]

[] (1) , (2) , (3) , (4)

	·	C·	
		○,	×
(1)			가 가
	·		
(2)			·
(3)		front	2nd
(4)			,
	·		
(5)			,
	·		
(6)		,	·
(7)			
	·		

[] (1) ○

(2) ○ 1 ,

(saw tooth knurl)

·

·

·

(3) × 가

,
 ,
 .
 (front) (2nd) .
 (4) ○
 (5) × .
 (6) ○
 (7) ×

, ,
 . 가
 .

. B .

,
 , 가 .
 (1) 가 .
 (2) .
 (3) .

[] (3) ,
 . (nip point)
 가 .

B

() , () 가 ,

.

()

() (1) .

(2) .

(3) 가 .

[] (2) ,

.

가 가 .

B

A B

, a, b,

A B

(1) top arm a. roller stand

(2) twist change wheel b. arm rod

(3) roller beam c. roller

(4) clearer cloth d. driving shaft

(5) weight hook e. bottom apron

(6) saw tooth roller f. cone drum

(7) cone belt g. dead weight

[] (1) b, (2) d, (3) a, (4) c, (5) g, (6), e (7) f