

5. ,

5.4

(1)

(鑄鐵製)

50

40

가

가

.

1

가

.

(gauge) 1/1,000

가

.

1)

(c) (

)

(b) (

)

,

가

(b)

가

.

0 ° ~20 °

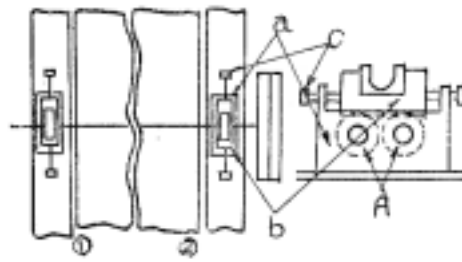
가

.

가

가

.



< 5-16 >

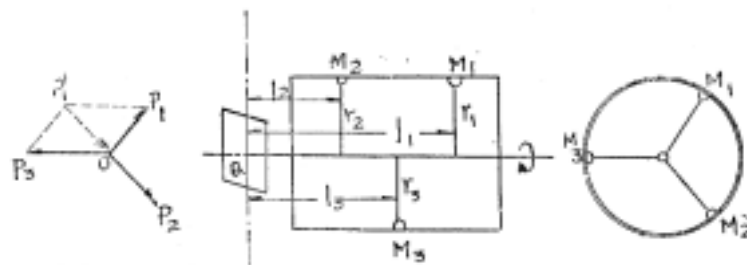
(偶

力測定器)

, 2 .

(1)

(2)



< 5-17 >

$$\frac{w^2}{g} \sum Mr = 0 \dots\dots\dots(1)$$

$$\frac{w^2}{g} \sum MrI = 0 \dots\dots\dots(2)$$

w=각속도(2π×실린더 rpm/60)
g=중력가속도(9.8m/sec²)
M=펜던스 웨이트 중량 (kg)
r=실린더 반경(0.635m)
I=임의 기준면 Q부터의 거리

M₃가

가

2

M₁, M₂

(rib)

가

M_1, M_2

2)

가

a)

(軸受)

b)

(同期裝置), 1

가 .

: (metal)

: , (metal concentrator)

: ,

: ,

c)

(差動)

10mm 가

.

.

(250~300rpm)

,

(+) (-) 가

5-18 0° ()

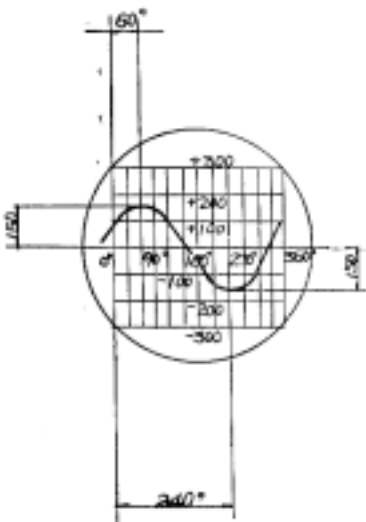
60° 가 240° 가 가 .

150g . 60°

150g 가 240° 150g 60°

가 240° 가

가 .



< 5-18 >

(2)

(bare surface grinding) M.C.C

.

L (bit)

.

M.C.C

가

3.0mm

2.0mm

,

가

4.5~5.0mm

2.5~3.0mm

2.0mm

.

.

.

,

가

.

가

M.C.C

가

.

0.1mm

1.0~1.5kg

.

0.7mm

7.0~10.5kg

가

12~15kg

5~6 "

.

8~10rpm,

12~15rpm

.

가

1~2 "

가

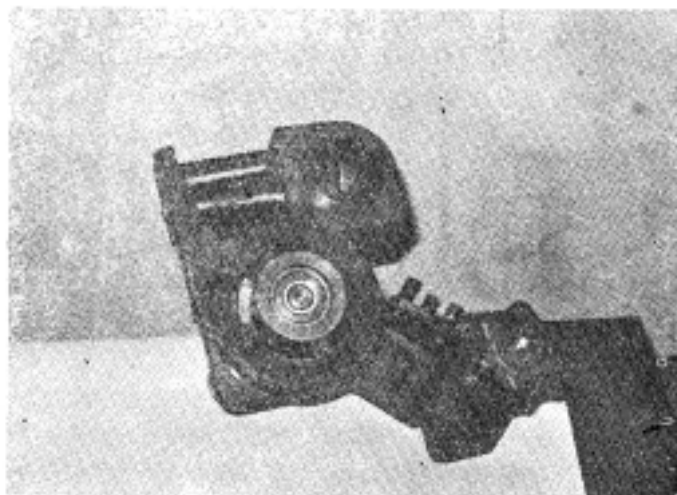
가

(punch)

.

L

. L
 가 6~8
 .
 가
 .
 가 가
 ()
 .
 2~3 " 가 15~30rpm
 2~3 " (mounting
 machine)
 .

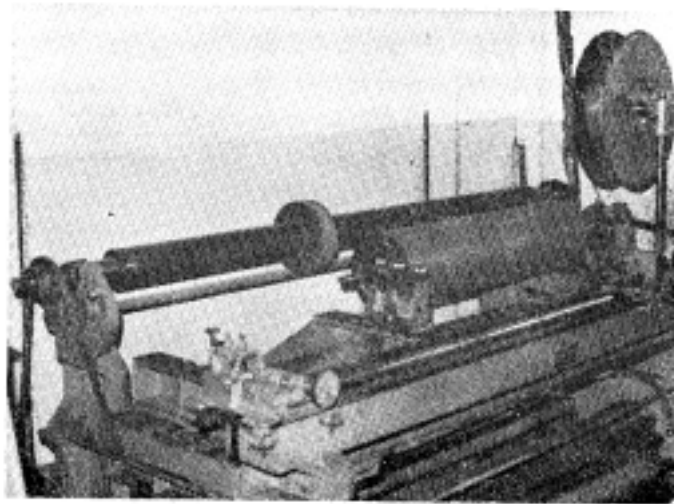


< 5-19>

(3) 가 (taker-in garnett wire mounting
 machine)
 가

가
가

.



< 5-20>

2 , 4 , 8

가 가

8

48^T

12^T

.

48^T

.

1/4 "

가 1

4

1 "

가

.

1)

가

.

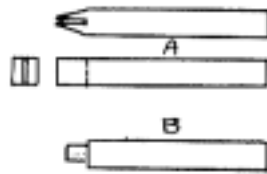
2)

a) :

2~3 " 5-21 A

2

.



< 5-21 >

가

1~2

, 8

2~3

.

8

1~8

. 1 8

가

.

b) :

5~22 B가

.

1~2

가

가

.

A

B

B

.

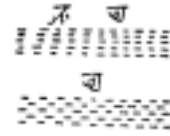
A

가

.



< 5-22>



< 5-23>

c) : 가 1~2

3)

a) A B

가 가 가

b) (가

(4) (Flat clipping machine)

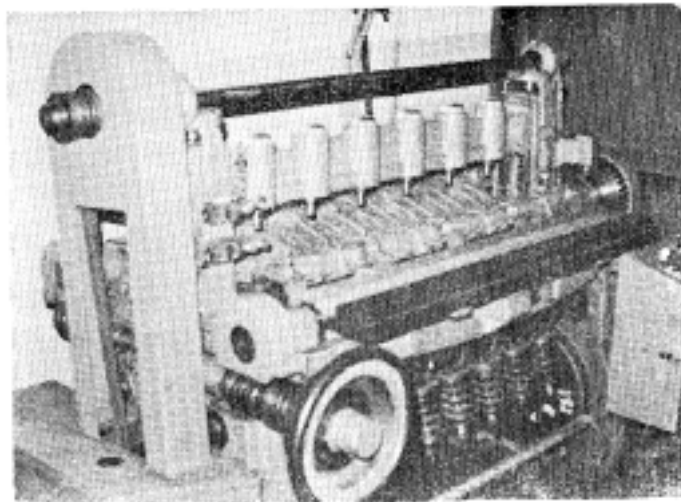
가

2) (clipping)

a) ; (toe) (hill)

.(1

b) ;
(press) 가
가 .



< 5-24> flat clipping machine

c) ; (belt shifter)
가 1 . 1~2

3)

가

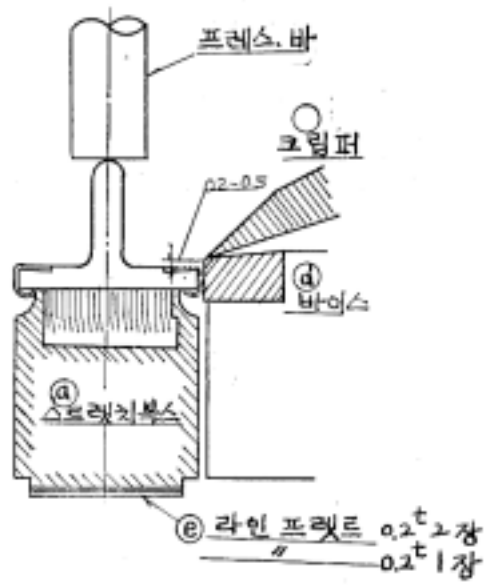
(side clip)

(clipper)

() 가

가 .

가 .



< 5-25>

4)

(A)

(B)

(C)

5)

가

. 5-27 (L) (l)

(a) (A)

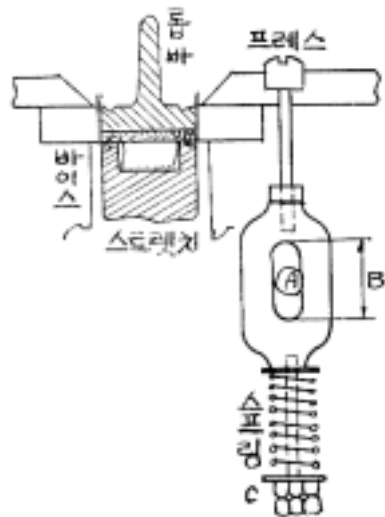
(l)

(a)

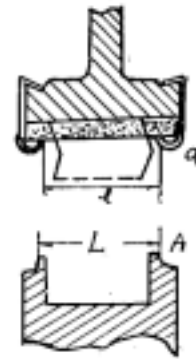
.(

KSK 9321

)



< 5-26 >



< 5-27 >

6)

가

(5) (Flat base grinding machine)

1)

10/1,000

(0.254mm)

4/1,000 (0.102mm)

가

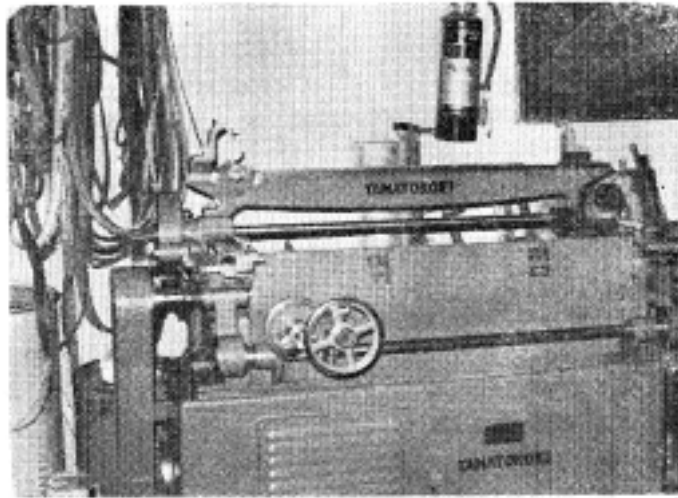
가

2)

3

4

3



< 5-28> Flat.

a)

3

,

.

. 가

가

가 . , ~

, ~ 가 .

가

. 가

(dial indicator)

.

b)

;

(20~30)

가 1

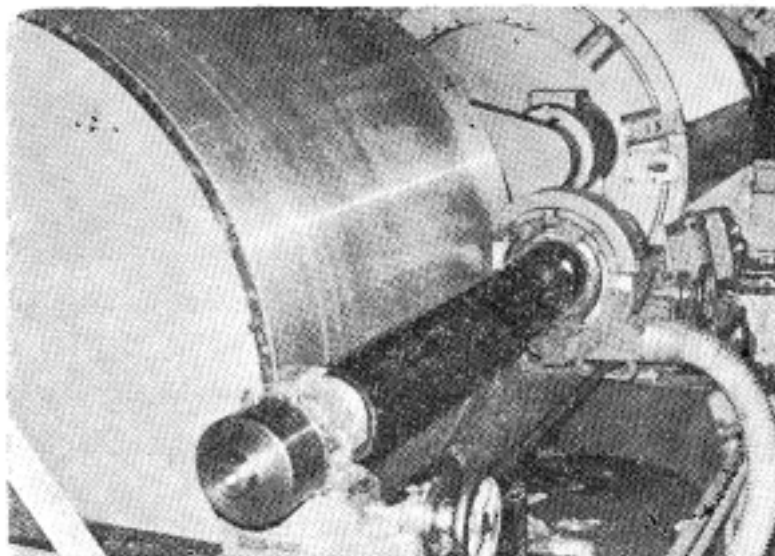
3

(6) (Bear surface grinder,)

, (砥石)

(thickness gauge)

가



< 5-29> bare surface grinder

(7) (Horse fall grinding roller)

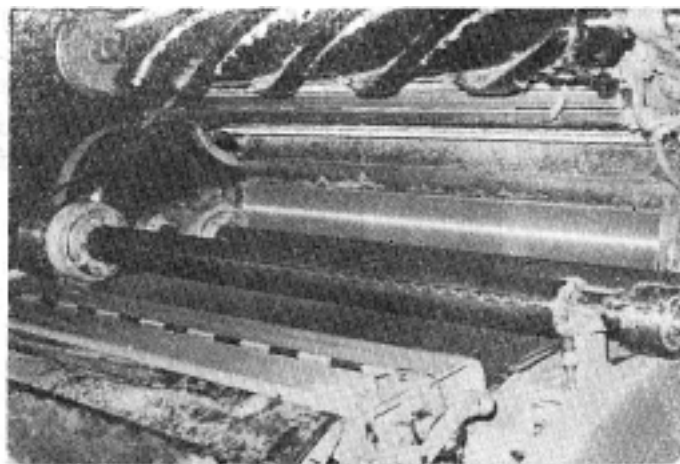
179mm,
50mm 1 650 3 17/64 "
(stroke) .

(way)
가 (fork)가

.
. 3 "
4 " .

가 ㅁ .(5-

30)



< 5-30> horse hole grinding roller

(8) (Emery Fillet)

1 , 1 1/2
2/2(H, B, T), 25's/2, 20's/2, (:
61 × 36 /) .

(Morse) 7~8 7~8
 9 (bauxite), JIS 30, 36 (30
 1mm)
 1~1.5mm 12, 16 ()
 NEO 가
 . 가
 가 가
 .
 (9) (砥石 :)
 M.C.C 가
 가 가
 가 .
 .
 M.C.C
 (Sic) JIS 4C
 (軟) (中)
 60(中目)
 .
 (Tracing) .