

LYNX (D9)

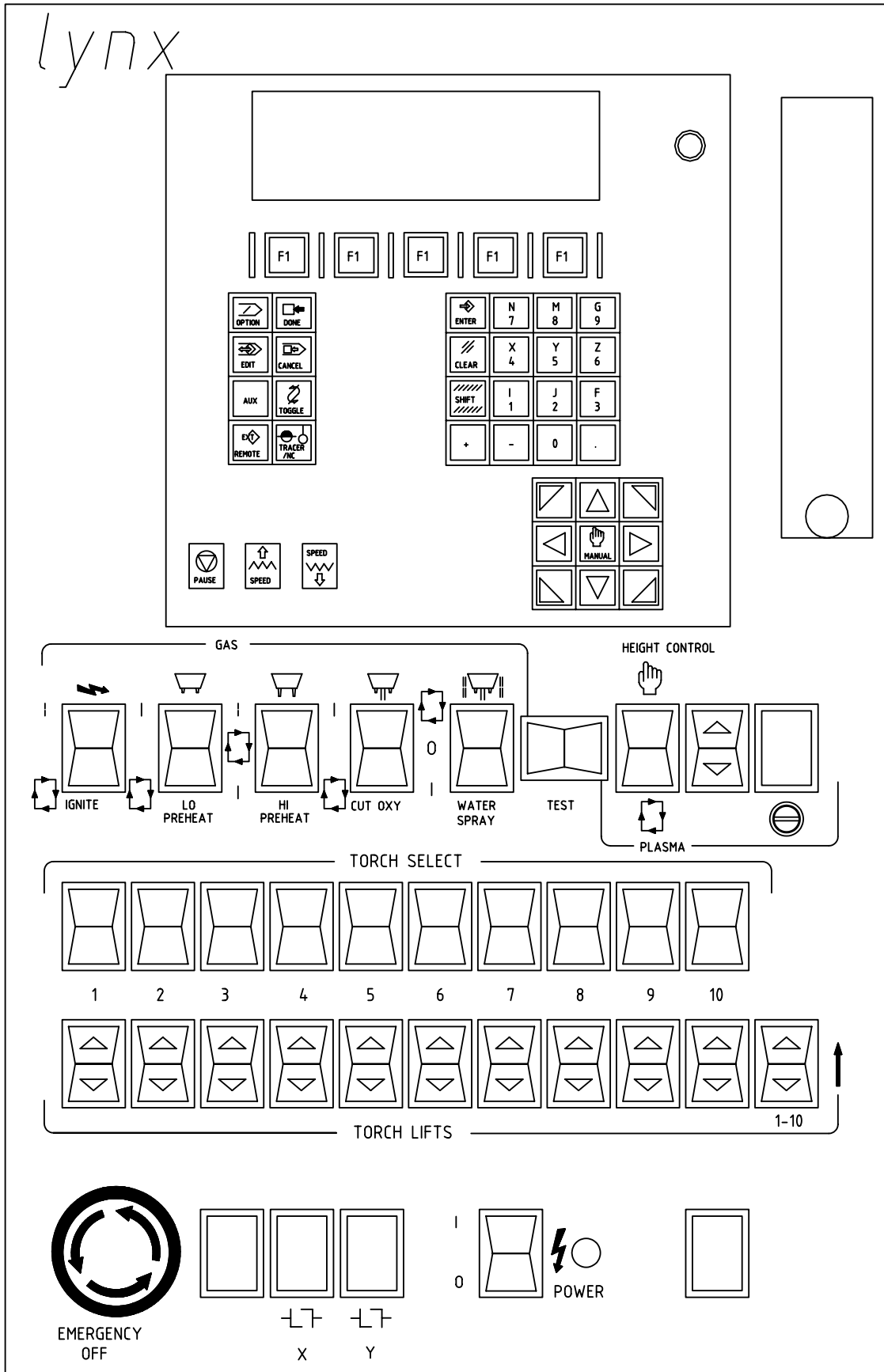
KOIKE KOREA ENGINEERING Co., Ltd.



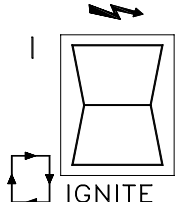
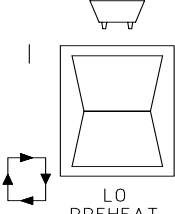
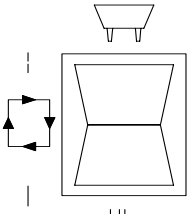
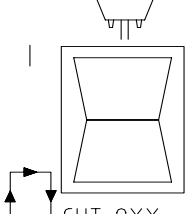
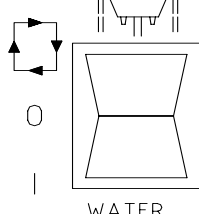
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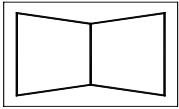
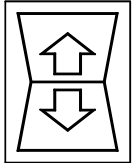
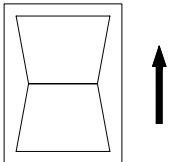
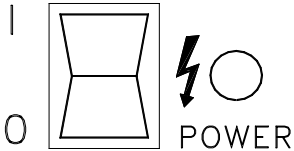
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A. LYNX



B. LYNX

<p>IGNITE ( )</p>  <p>IGNITE</p>	<p>(OPTION)</p>	<p>* 가</p> <p>*</p> <p>[ ] 1).</p> <p>2).</p>
<p>LO PREHEAT ( )</p>  <p>LO PREHEAT</p>	<p>ON :</p> <p>AUTO :</p>	<p>ON : 가 , 가 가</p> <p>AUTO: 가 .</p>
<p>HI PREHEAT ( )</p>  <p>HI PREHEAT</p>		<p>ON( ):</p> <p>: 가</p> <p>ON :</p>
<p>CUT OXY ( )</p>  <p>CUT OXY</p>		<p>ON : 가 .</p> <p>AUTO:</p>
<p>WATER SPRAY ( )</p>  <p>WATER SPRAY</p>		<p>AUTO: .( )</p> <p>OFF : 가 .</p> <p>ON : 가 .</p>

<p>TEST ( )</p>  <p>TEST</p>		<p>1). 가</p> <p>2).</p> <p>3).</p>
<p>TORCH HEIGHT( )</p> 		<p>UP : 가</p> <p>DOWN: 가</p>
<p>MASTER ( )</p>  <p>1-10</p>		<p>가 .( 가)</p>
<p>POWER ( )</p> 		<p>LYNX ON OFF .</p>

C. LYNX

1.

[ ]

(INITIAL MODE)

: START : RIP : WRKFILE : ALIGN : SPEED :

- 1) START :
- 2) RIP : ( )
- 3) WRKFILE :
- 4) ALIGN( ) : ( 가
- 5) SPEED :

[ OPTION

: MIRROR : ROTATE : REPEAT : SCALE :

- 1) MIRROR( ) : (X- , Y- ) .
- 2) ROTATE( ) :
- 3) REPEAT( ) :
- 4) SCALE( ) :

[ EDIT

--

ESSI : EIA : \*SHAPES :

- 1) EIA( . . ) : MDI (EIA )
- 2) ESSI( ) : MDI (ESSI -OPTION ITEM)
- 3) SHAPES ( ) : ROM 32가

[ AUX

SETUP : TEST : UNITS : CUT MODE : KEY TONE

- 1) SET UP( - ) : LYNX
- 2) TEST( ) : LYNX
- 3) UNIT( ) :
- 4) CUT MODE( ) : (가 / ) . UP/DOWN .)

[ REMOTE

( )

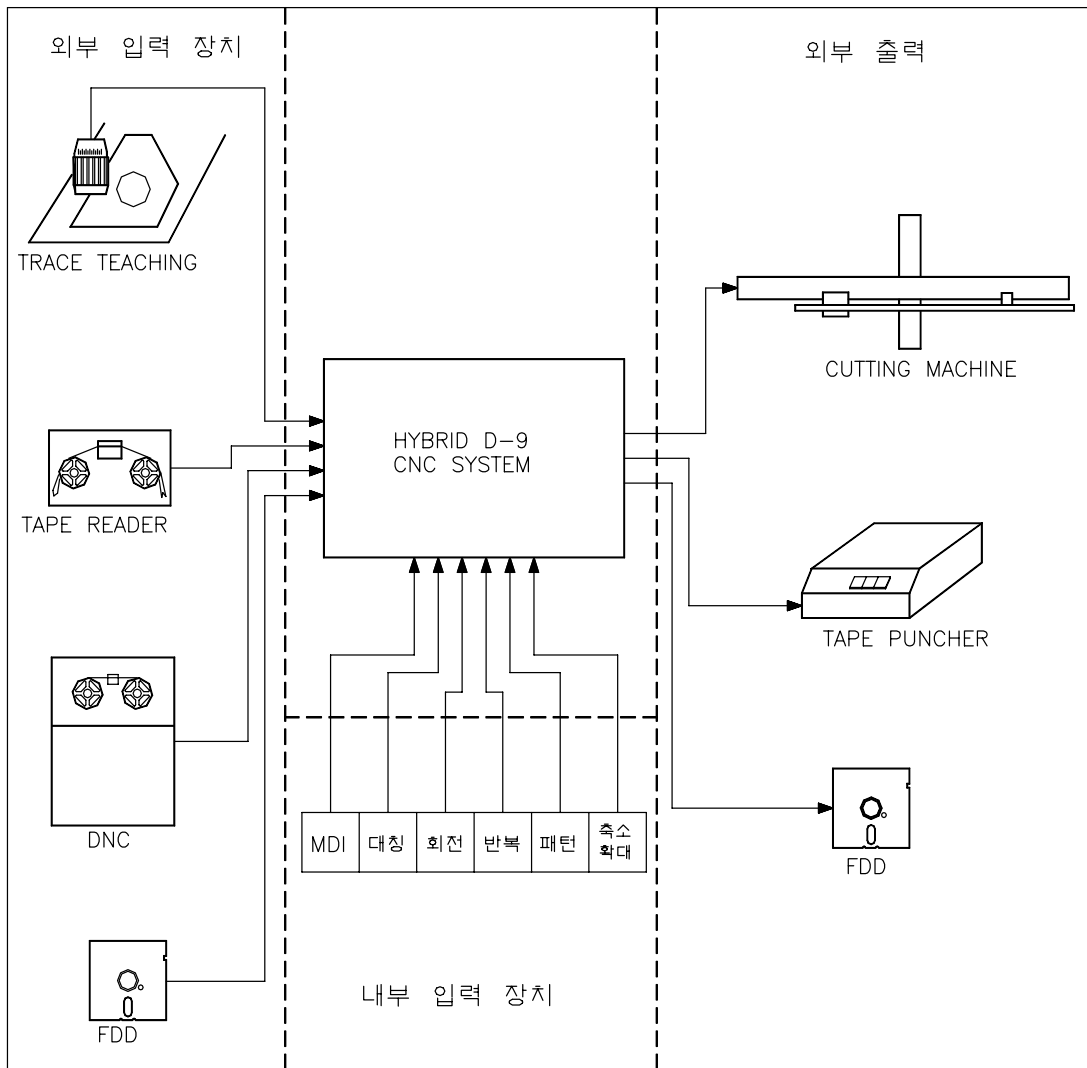
UP LOAD : DOWN LOAD : DISK : PUNCH : READ TAPE

- 1) UP LOAD( ) : LYNX .( )
- 2) DOWN LOAD( ) : LYNX .( )
- 3) DISK( ) :
- 3) PUNCH( ) :
- 4) READ TAPE( ) :

NOTE: 가 가 .



## 2. LYNX



D.

1). MANUAL

가

2).

-Y  
+Y

3).

-Y( )  
+Y(가 )

가

4).

5 \*

5).

X POS :	Y POS :
(X )	(Y )
:	:
:	ABSZERO :

F 1

F 2

F 3

F 4

F 5

( )

6).

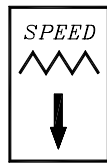
가



PAUSE



SPEED



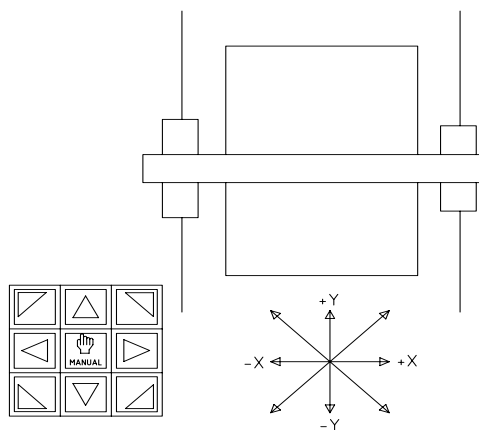
SPEED

PAUSE :

SPEED :

SPEED :

7).



E. (TRACE TEACHING)

\*

가  
가

( OPTION / 가 )

가

1.

1). (TRACE PITCH)  
LYNX

가 mm

2

2). / (Automatic Closure Sense?)

( )

가

가

ON

.( .)

가

3). - / - (Closure Over/Under lap)

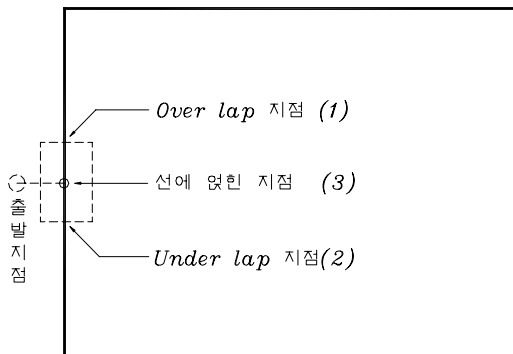
Over lap ( ) 가

Under lap ( ) 가

Over lap (+)

( , +3.5), Under lap (-)

mm .( , -3.5)



(+) (1)

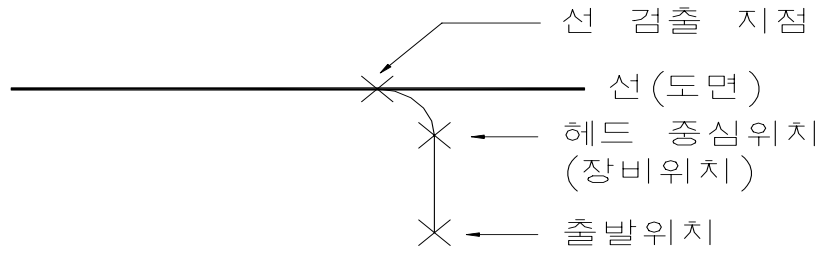
(-) (2)

OFF (3)

4).

(TRACING MIRROR LEAD LENGTH)

LYNX (ON PATTERN)  
 HL (MIRROR SCANNING- 走査)  
 X-  
 LYNX  
 가 .( )

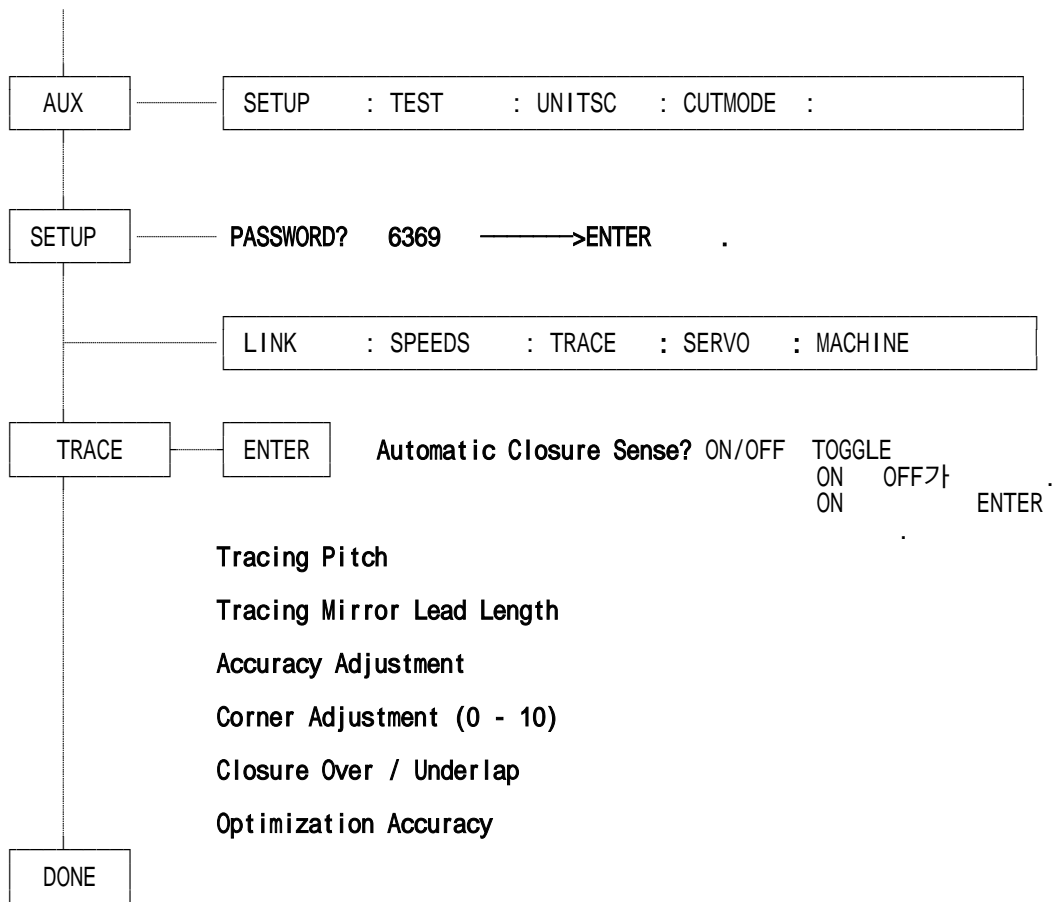


HL (LEAD) 3MM X-  
 3MM  
 X-  
 4.5MM 가  
 500MM/MIN 0.5  
 1

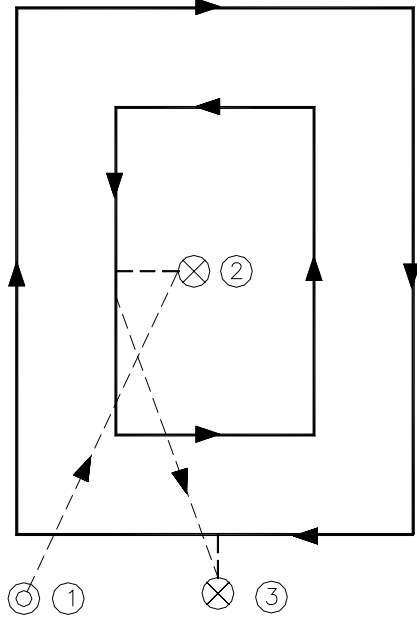
5). (Accuracy Adjustment)

MM( INCH) , -0.4  
 "ACCURACY ADJUSTMENT VALUE INCORRECT !!"  
 .( - 0.4 ~ 0.0MM) -0.4

2 .



3.



- ① 토치 원점
- ② 내경 절단시작 지점
- ③ 외경 절단시작 지점

( )

TEST

TRACER/NC

SETUPS (F1)

Trace Speed = ? (500 mm/ )

Trace Kerf = ? ( 가 )

DONE

Trace Direction? --- LEFT / RIGHT

(TOGGLE LEFT

ENTER .)

LEARN? NO / YES (TOGGLE YES

ENTER .)

COMMEND MARK DETECTION ? NO

START (F2)

MANUAL 8

PIERCE (F3)

1

PIERCE (F3)

1

DONE

Kerf Width?---->

ENTER

Return to Start? NO / YES

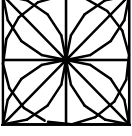
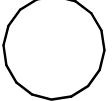
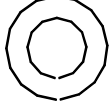
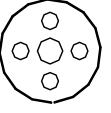

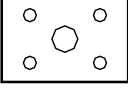

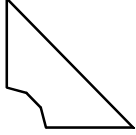
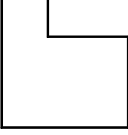
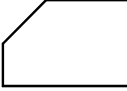

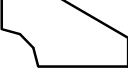
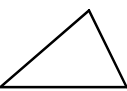

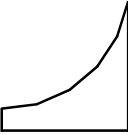
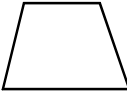
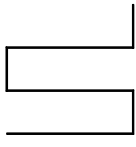
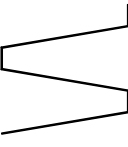


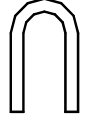
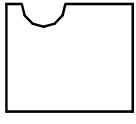
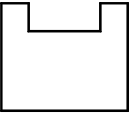
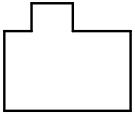
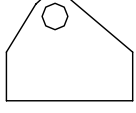

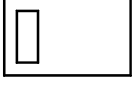
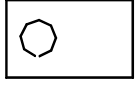
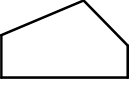
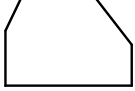
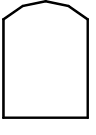
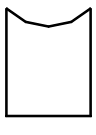
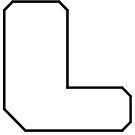
(YES )

(WORKFILE)

F.

( )

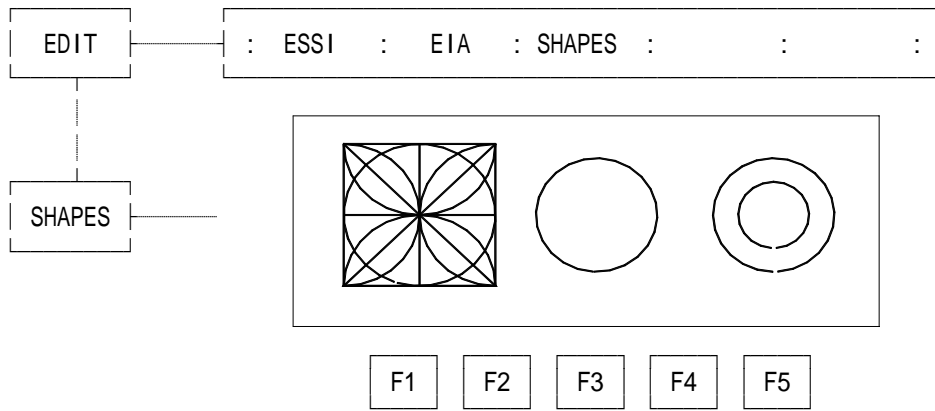
### SHAPE LIBRARY (33 PATTERN)

		
1	2	3
		
4	5	6
		
7	8	9
		
10	11	12
		
13	14	15
		
16	17	18
		
19	20	21
		
22	23	24
		
25	26	27
		
28	29	30
		
31	32	33

1.

LYNX

32가



\*\*\* MANUAL

MANUAL

(F1, F3, F5)

ENTER

ENTER

)

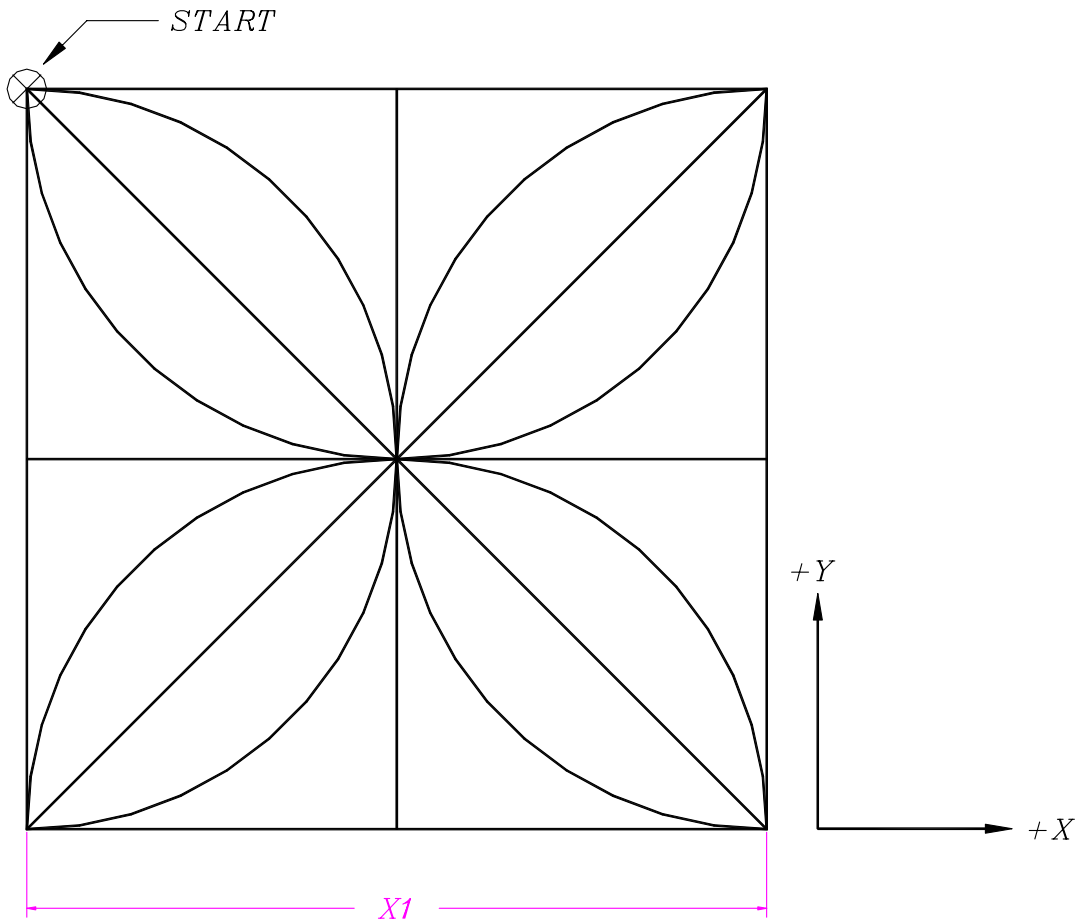
1. LEAD IN :
2. LEAD OUT :
3. OVERBURN :
4. LEAD IN R : (LEAD IN)
5. KERF WIDTH :



2. 33가

: 1

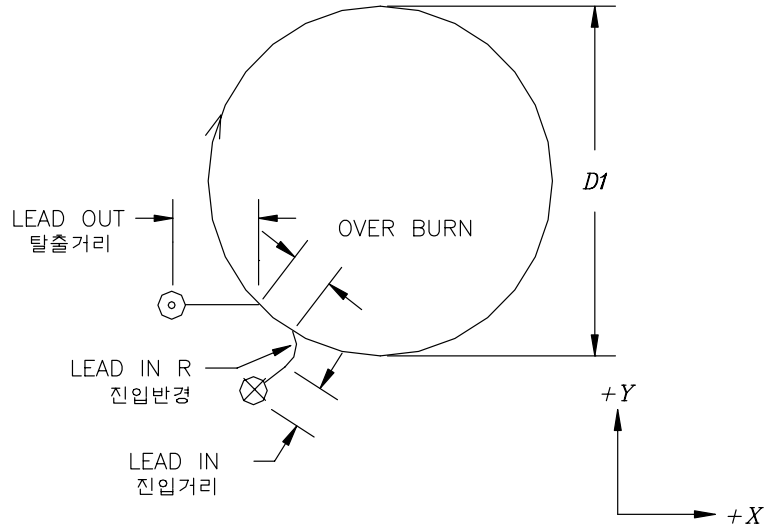
: ( TEST PATTERN )



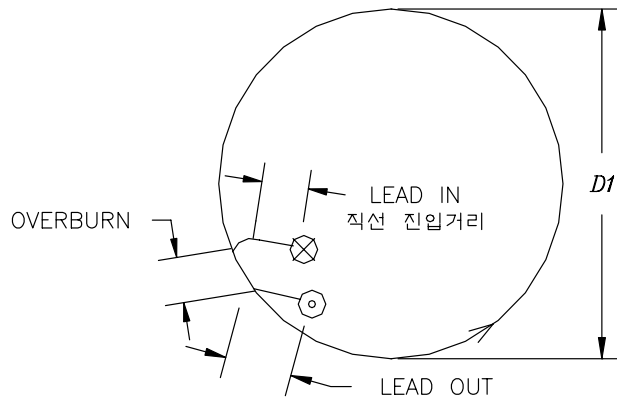
: 2

: ( CIRCLE ) 1).

( 1 ).

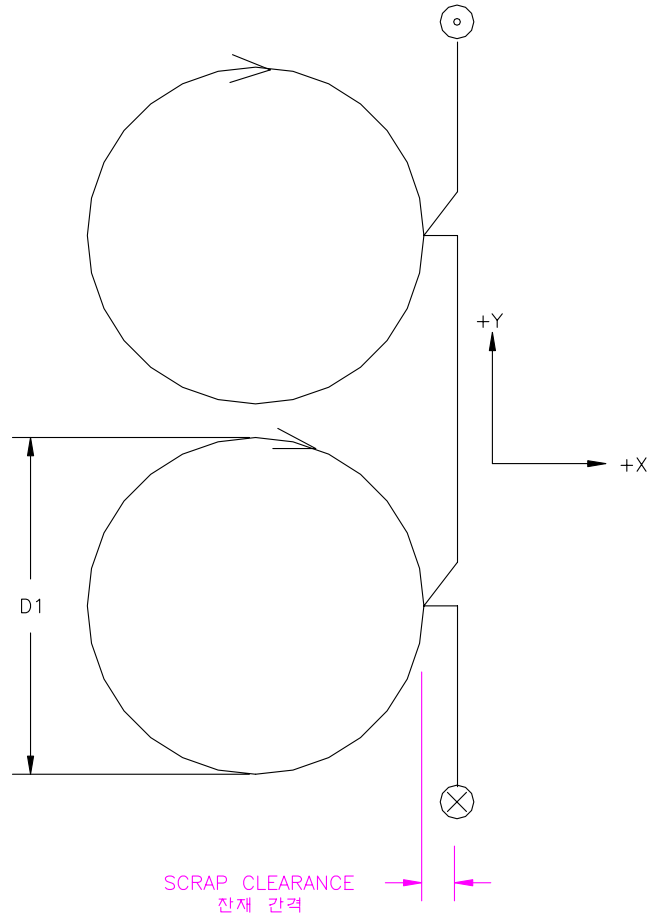


( 2 ).



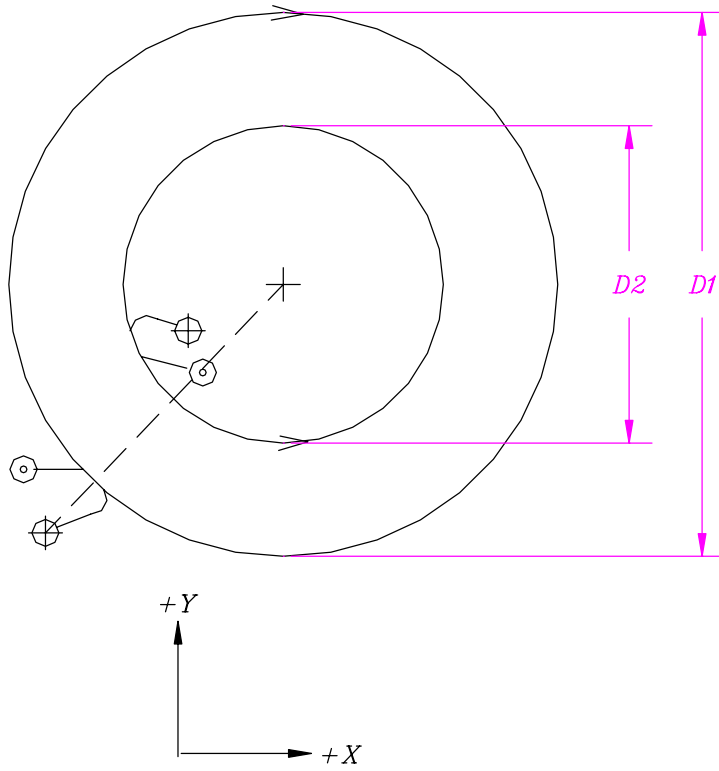
: 2

: ( CIRCLE ) 2).

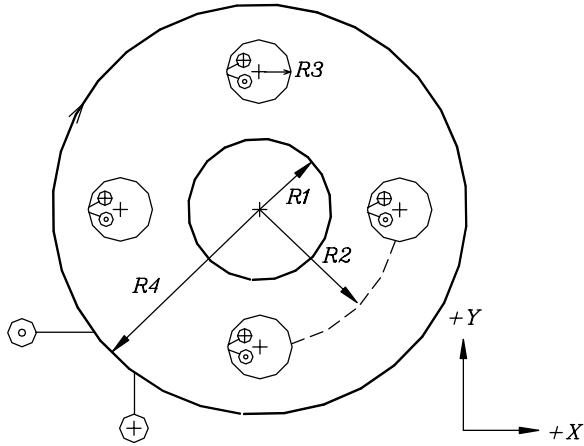


: 3

: ( FLANGE )



: 4



R1 =  
R2 =  
R3 =  
R4 =  
N =

	N=0	N=4	N=8
R1=0			
R1≠0			

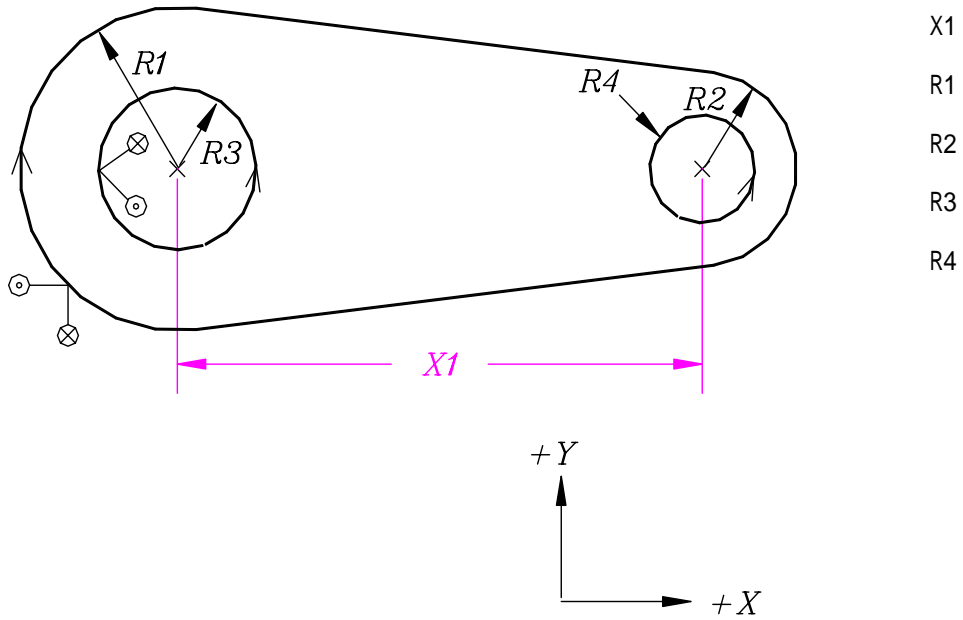
) 1. N                      . 360 / N                      가

( , N=5, N=9, N=11                      가 . )

2.                                      N=0

3.                                      R1=0

: 5

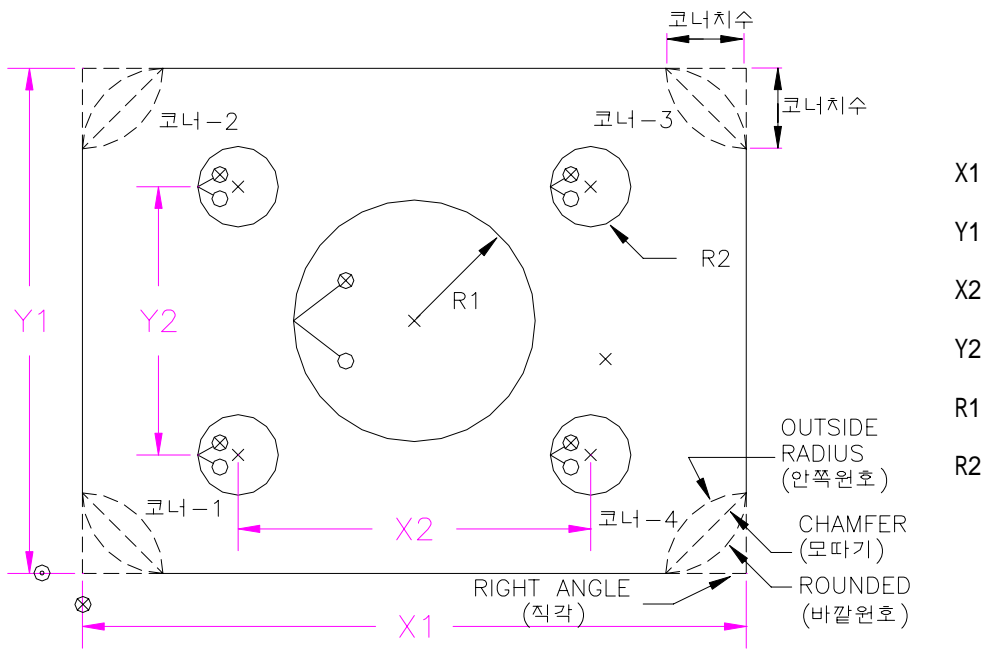


X1  
R1  
R2  
R3  
R4

$R3=R4=0$ 일 경우 	$R2=R4=0$ 일 경우 	$R2=R3=R4=0$ 일 경우 
$R4=0$ 일 경우 	$R3=0$ 일 경우 	

- ) 1. R3 R4  
2. R4가 R2 가  
3. R2 R1

: 6



**R1=R2=0**

	모서리 수 - 1	모서리 수 - 2	모서리 수 - 3	모서리 수 - 4
CHAMFER (모따기)				
ROUNDED (바깥원호)				
OUTSIDR RADIUS (안쪽원호)				
RIGHT ANGLE (직각)				

- ) 1. R1 .  
 2. R2 .  
 3. (RIGHT ANGLE), (CHAMFER), (ROUNDED),  
 (OUTSIDE RADIUS) .

R1>0, R2=0

	모서리 수 - 1	모서리 수 - 2	모서리 수 - 3	모서리 수 - 4
CHAMFER (모따기)				
ROUNDED (바깥원호)				
OUTSIDR RADIUS (안쪽원호)				
RIGHT ANGLE (직각)				

R1>0, R2>0

	모서리 수 - 1	모서리 수 - 2	모서리 수 - 3	모서리 수 - 4
CHAMFER (모따기)				
ROUNDED (바깥원호)				
OUTSIDR RADIUS (안쪽원호)				
RIGHT ANGLE (직각)				

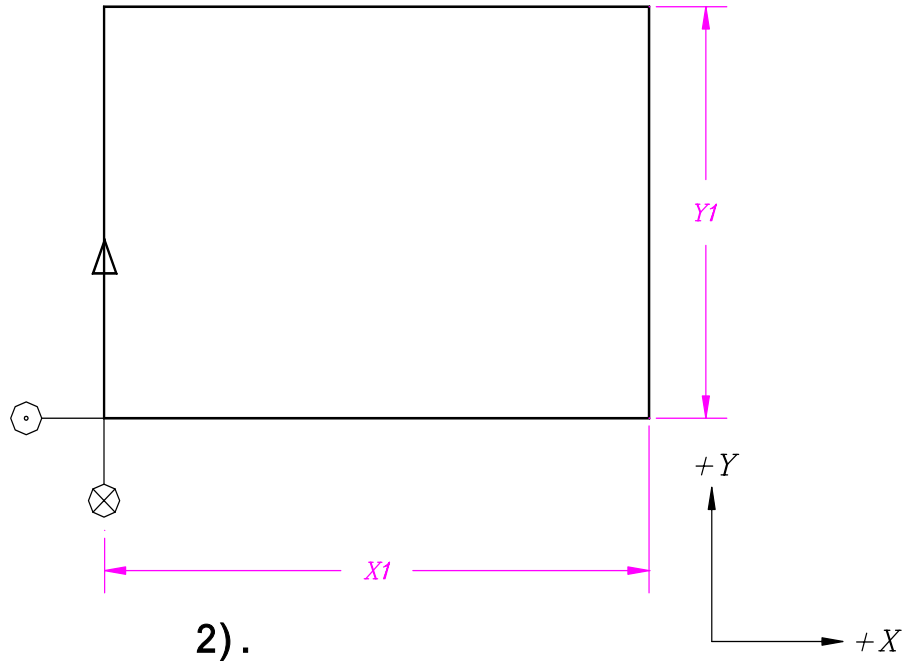


: 7

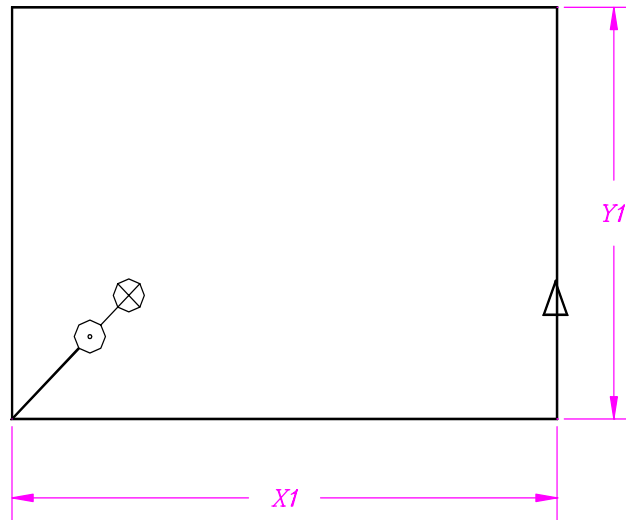
:

7-1.

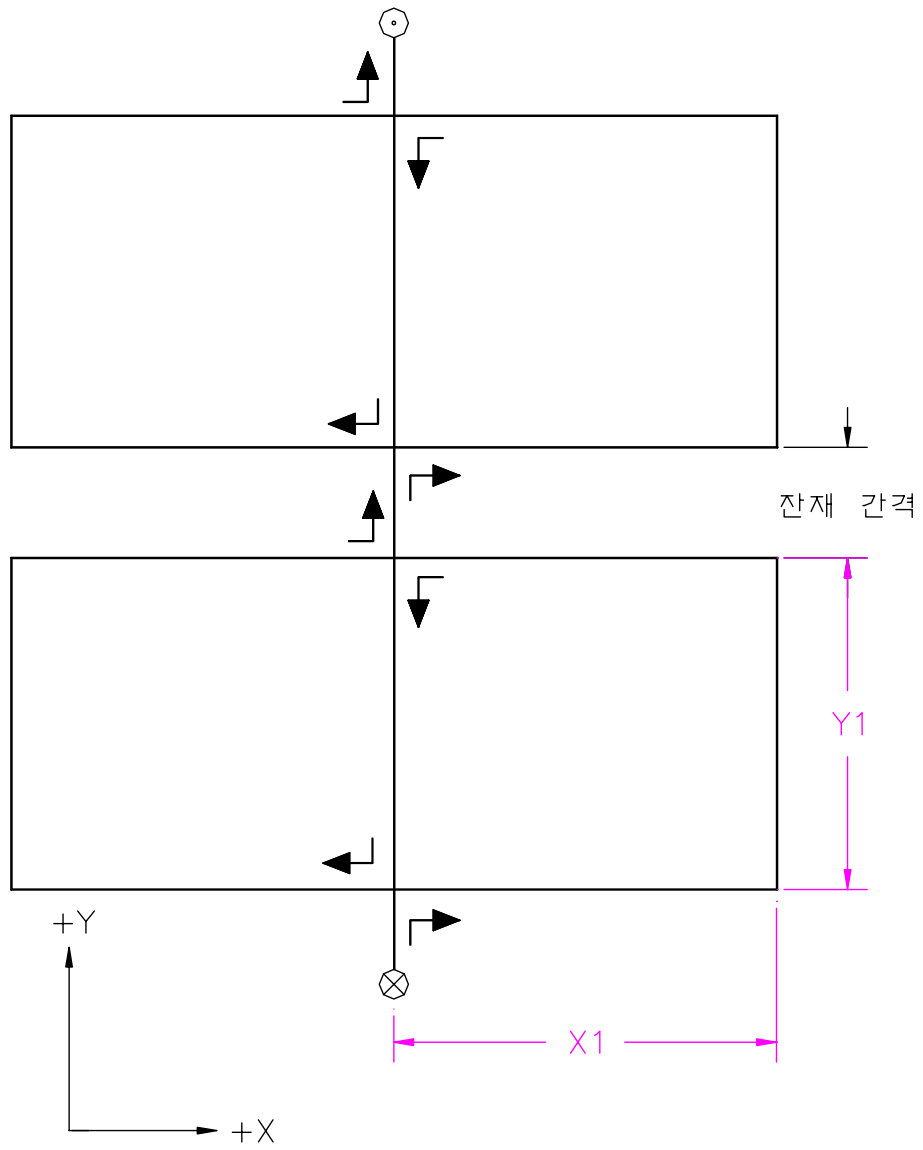
1).



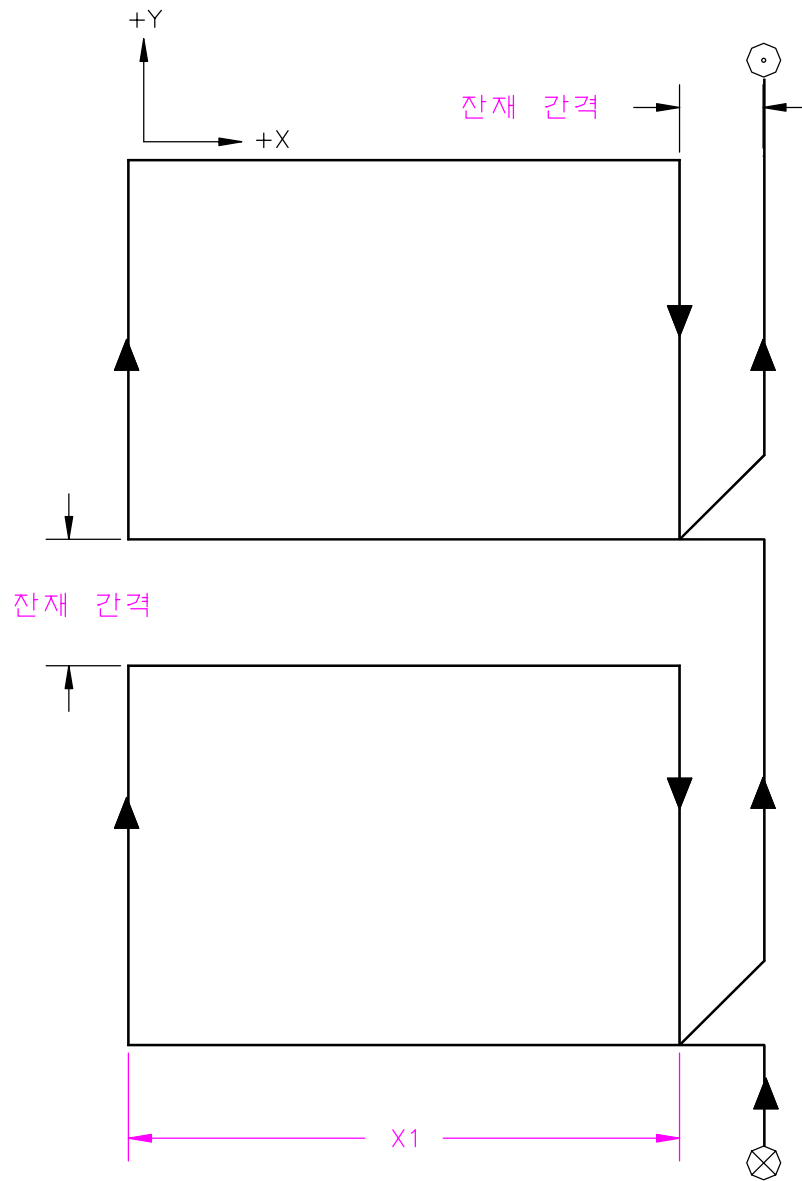
2).



7-2. 가

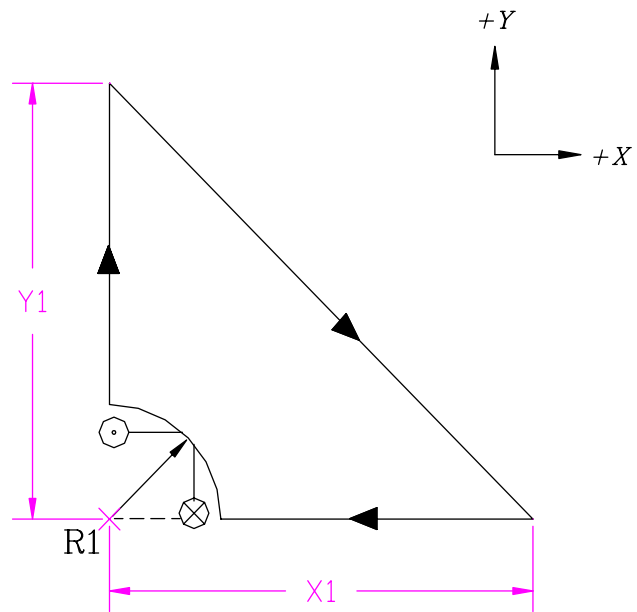


7-3.



: 8

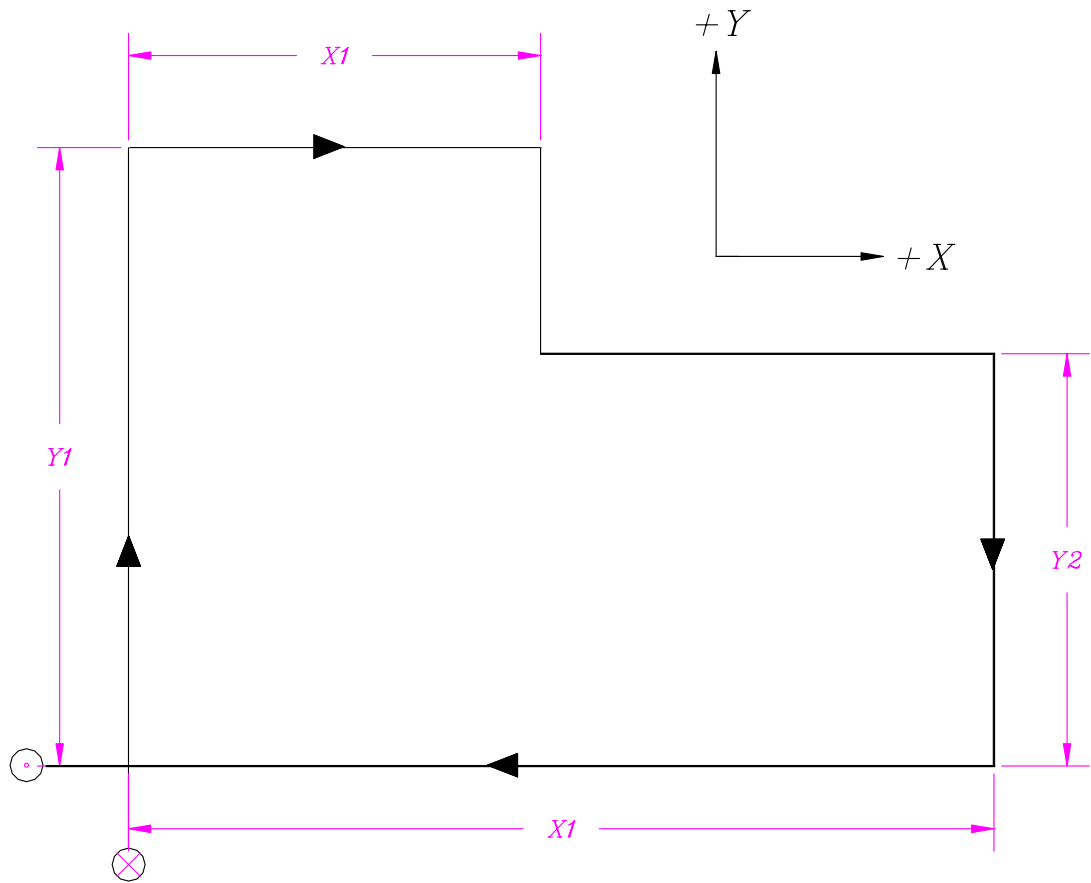
:



$R1 = 0$		$R1 \cong 0$	
----------	--	--------------	--

: 9

: L-

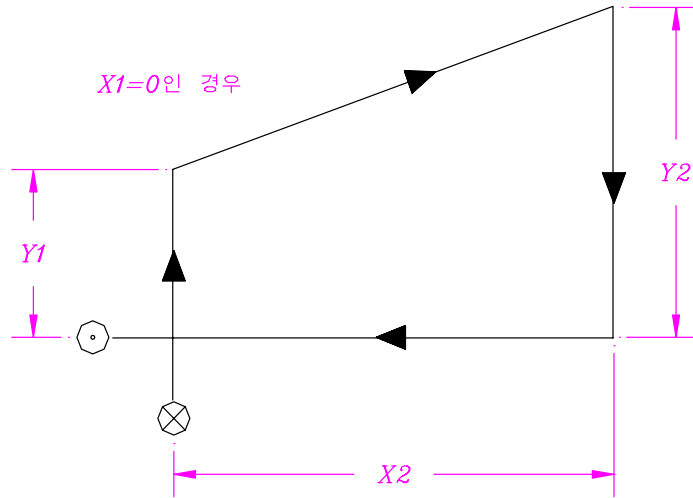
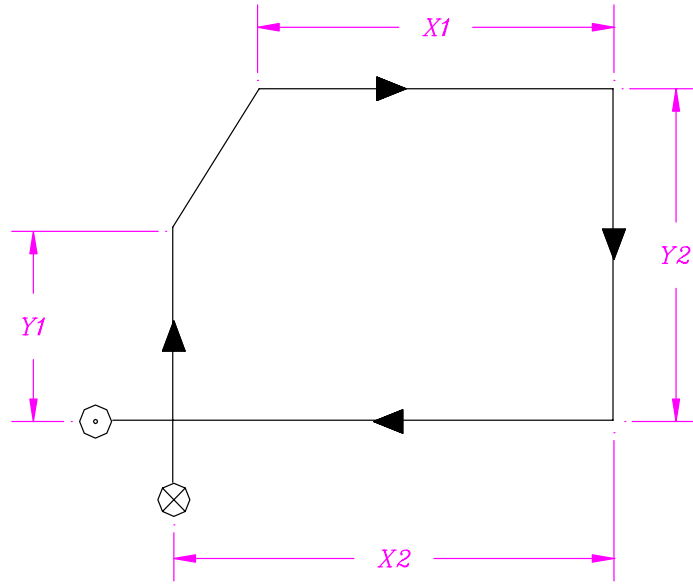


) 1.  $X_2 > X_1$  ( $X_2$   $X_1$  .)

2.  $Y_1 > Y_2$  ( $Y_1$   $Y_2$  .)

: 10

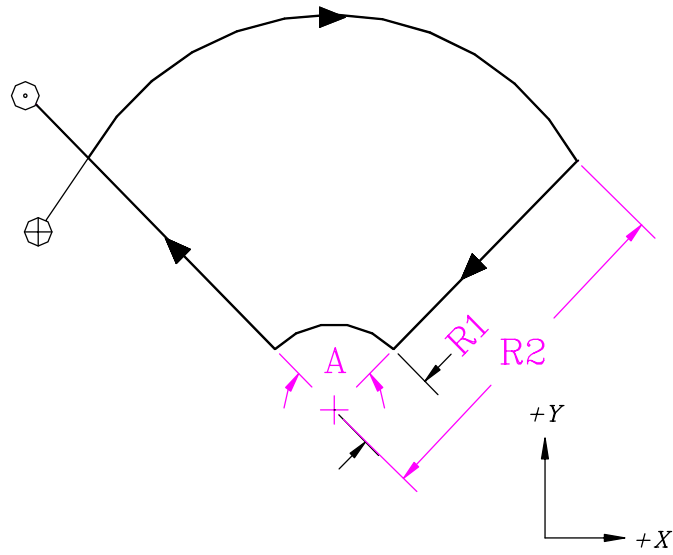
:



) 1.  $Y1 < Y2$  ( $Y2 > Y1$  .)

: 11

:



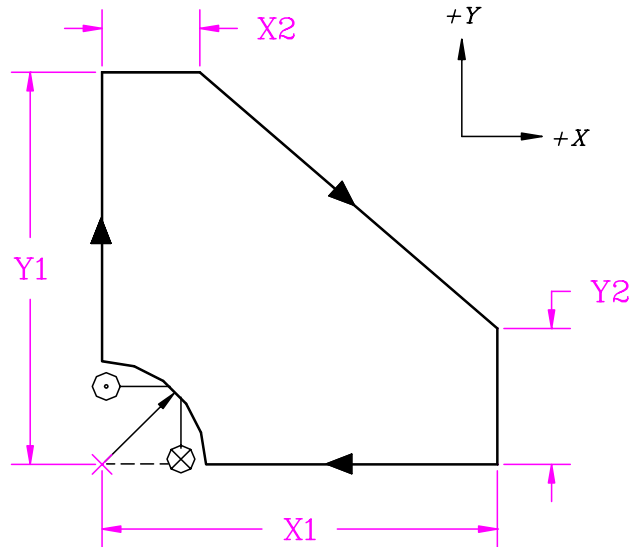
R1  
R2  
A

	A=90 DEG	A=180 DEG	A=270 DEG
R1=0			
R1≠0			

- ) 1. R1  
2. A 0 360  
3. R2 R1

: 12

: ( )



X1  
X2  
Y1  
Y2  
R1

	$X2 = 0$	$Y2 = 0$	$X2=Y2=0$
$R1=0$			
$R1 \neq 0$			

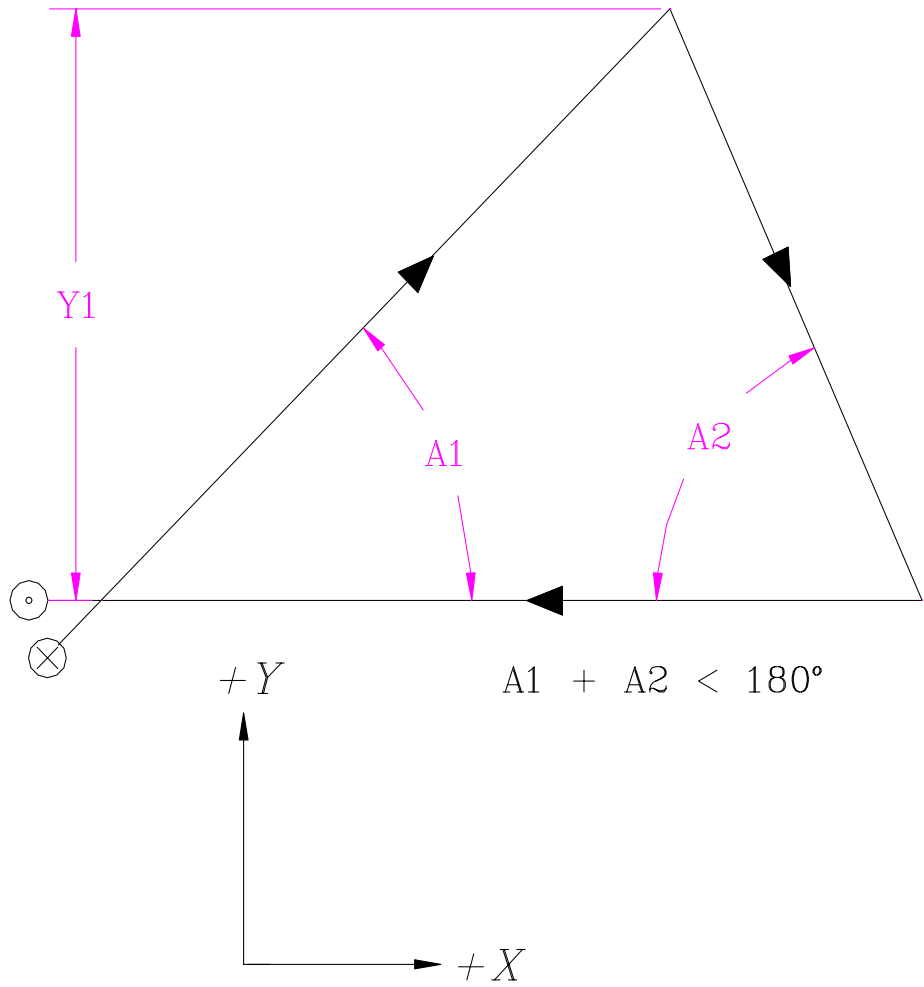
) 1. R1

2. X2 Y2



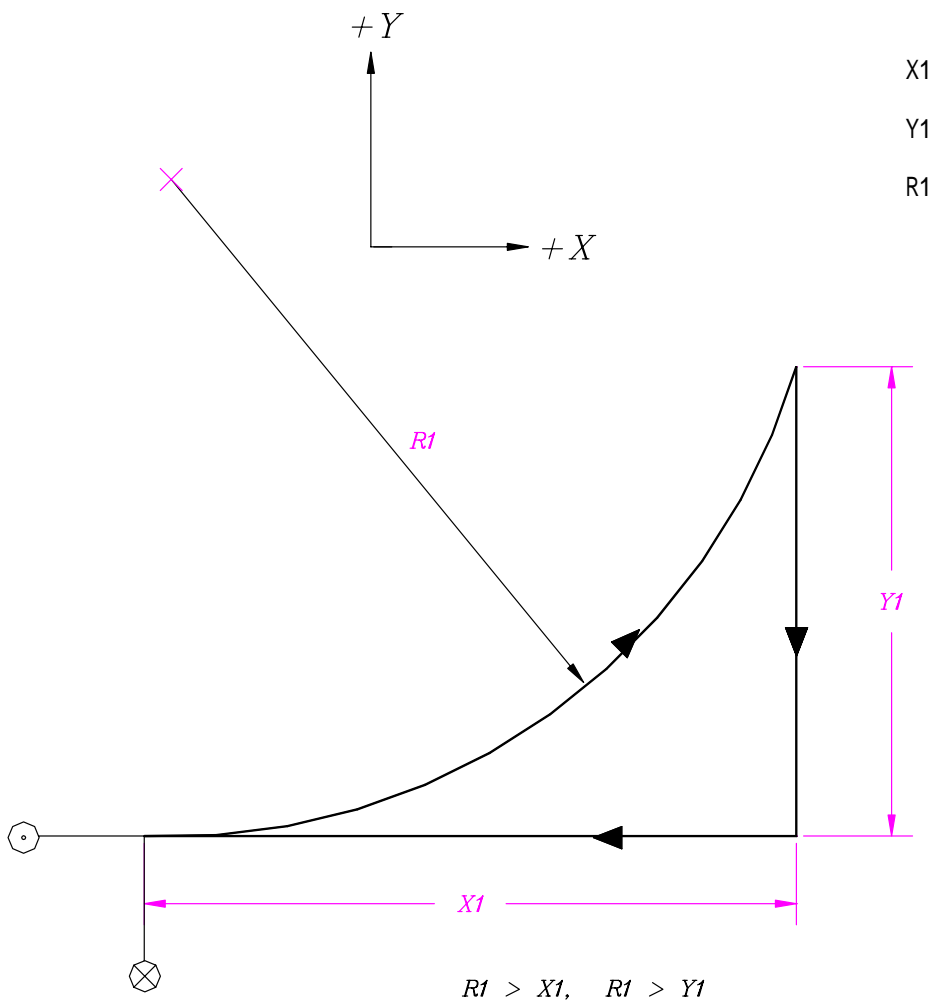
: 13

:

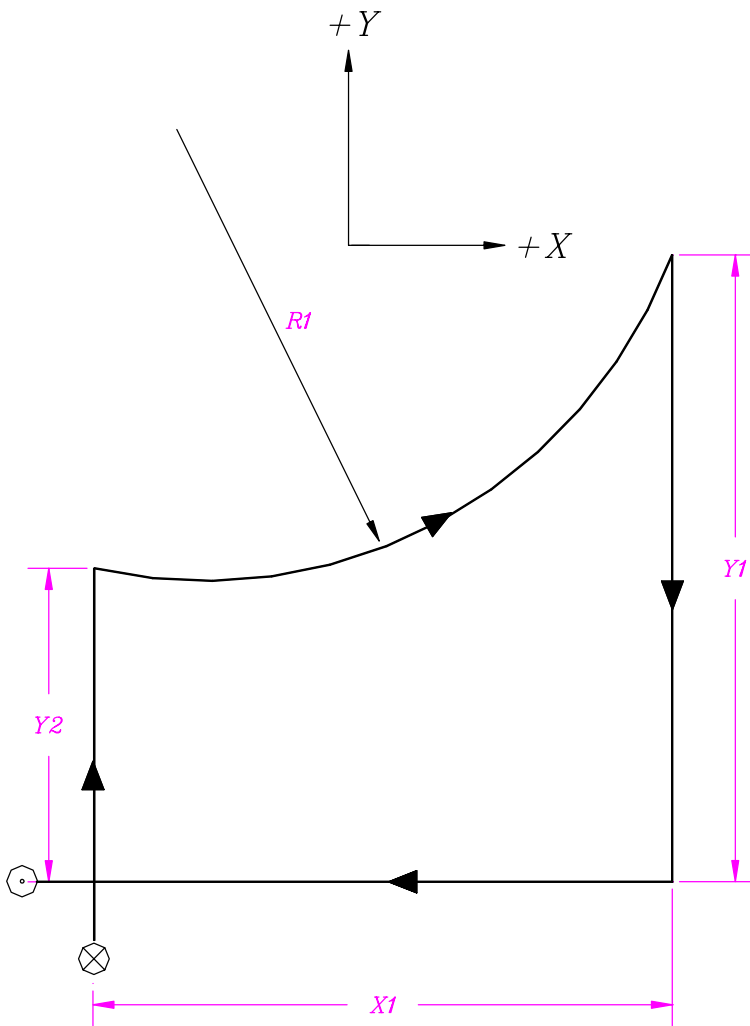


Y1  
A1  
A2

: 14



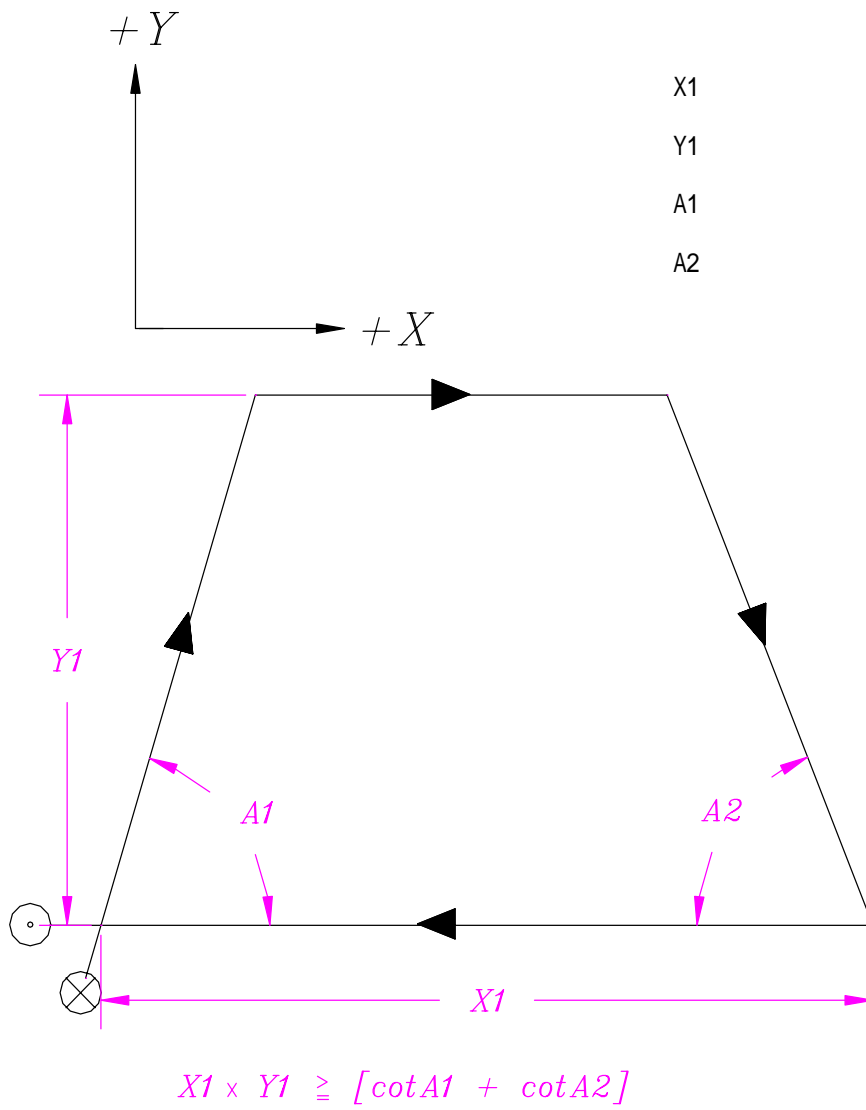
: 15



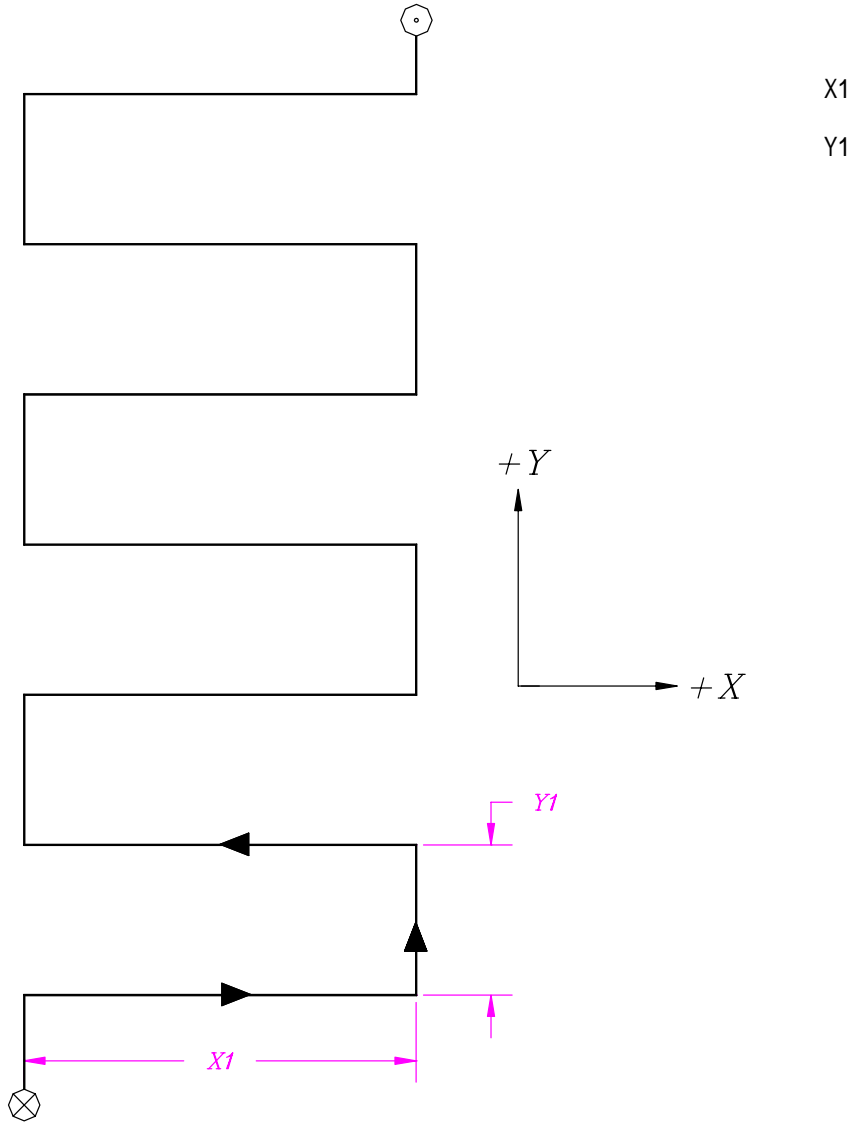
X1  
Y1  
Y2  
R1

$$\begin{aligned} R1 &> X1 \\ R1 &> Y1 - Y2 \\ Y1 &> Y2 \end{aligned}$$

: 16

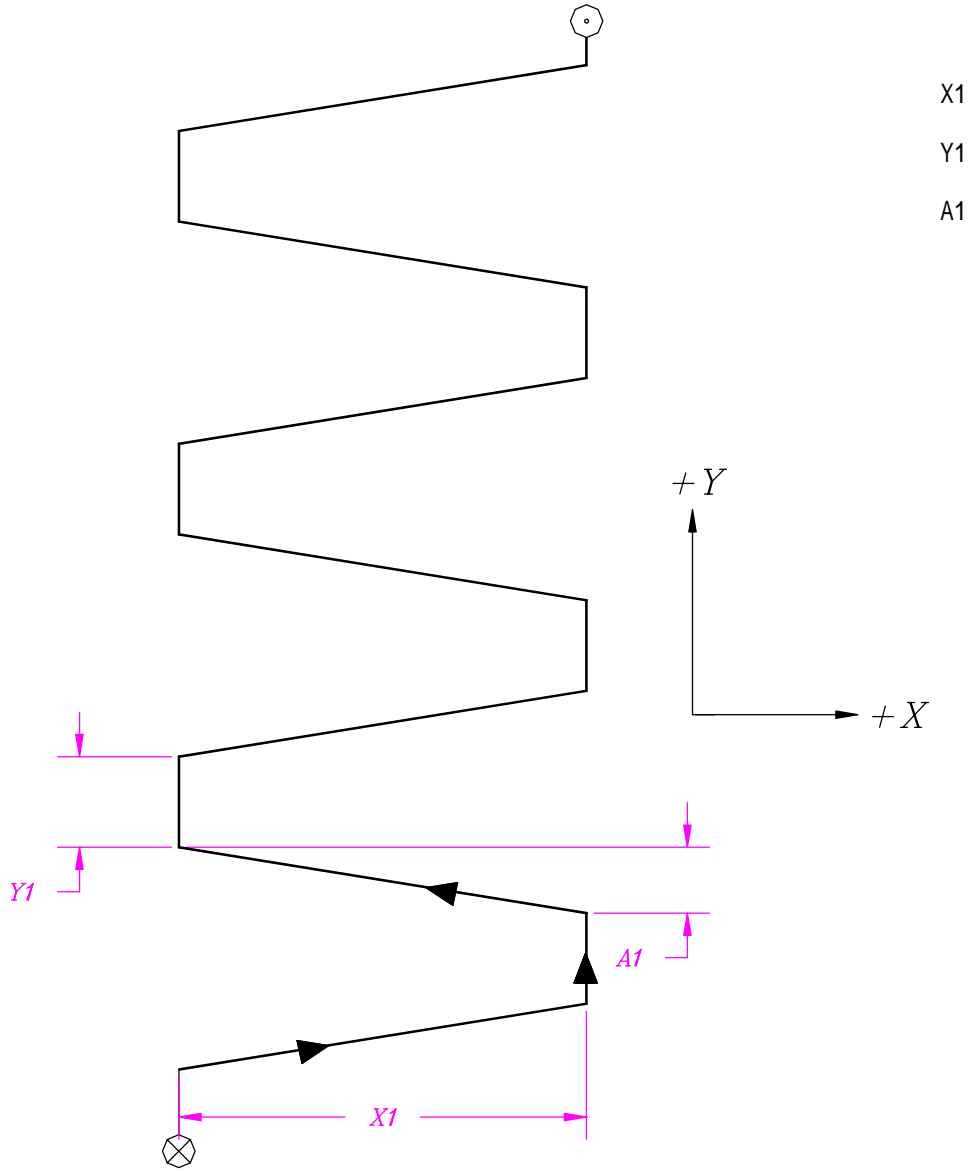


: 17

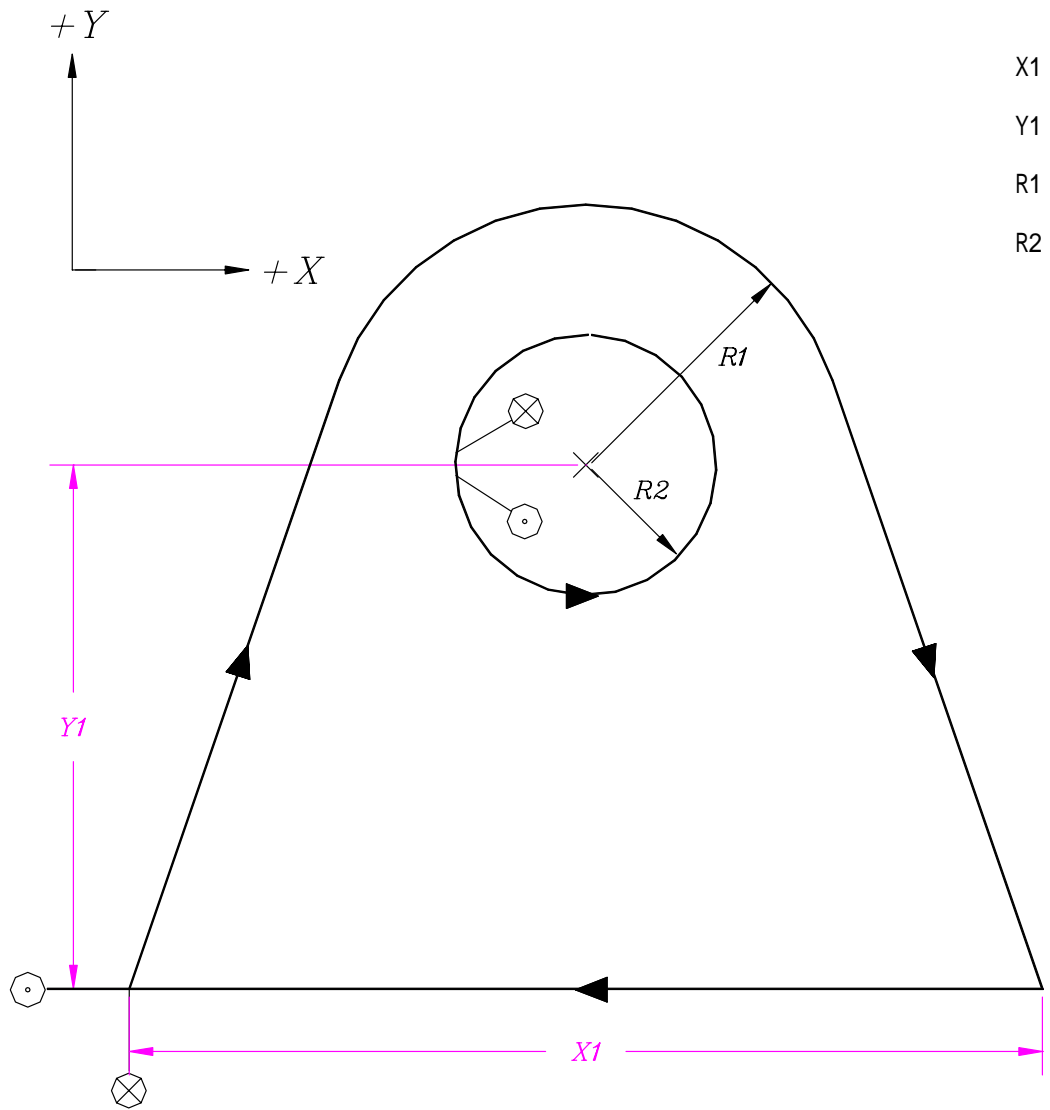


X1  
Y1

: 18



: 19

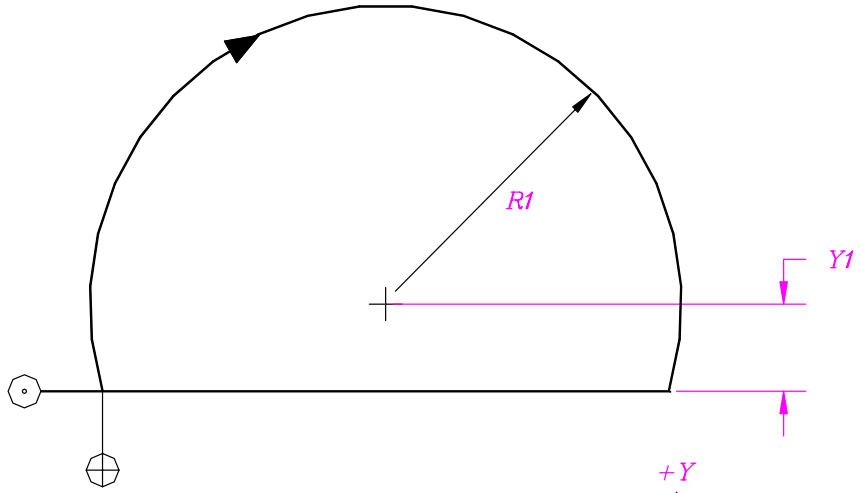


X1  
Y1  
R1  
R2

- ) 1.  $r2$  .
2.  $Y1 > R2$  ( $Y1$   $R2$  .)
- $R1 > R2$  ( $R1$   $R2$  .)

: 20

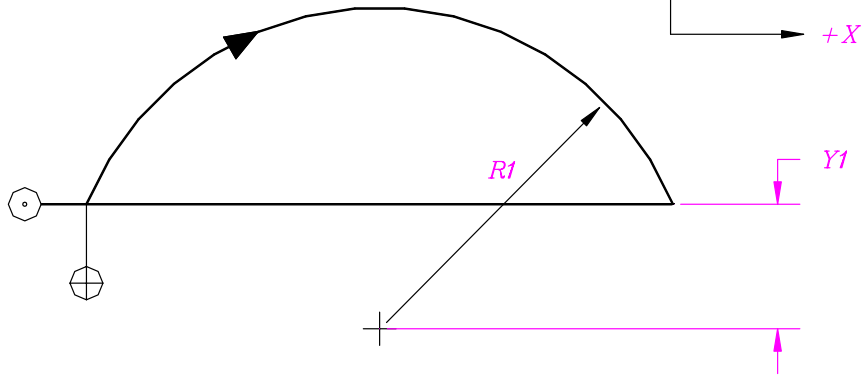
$Y1$ 이 +값인 경우



$Y1$

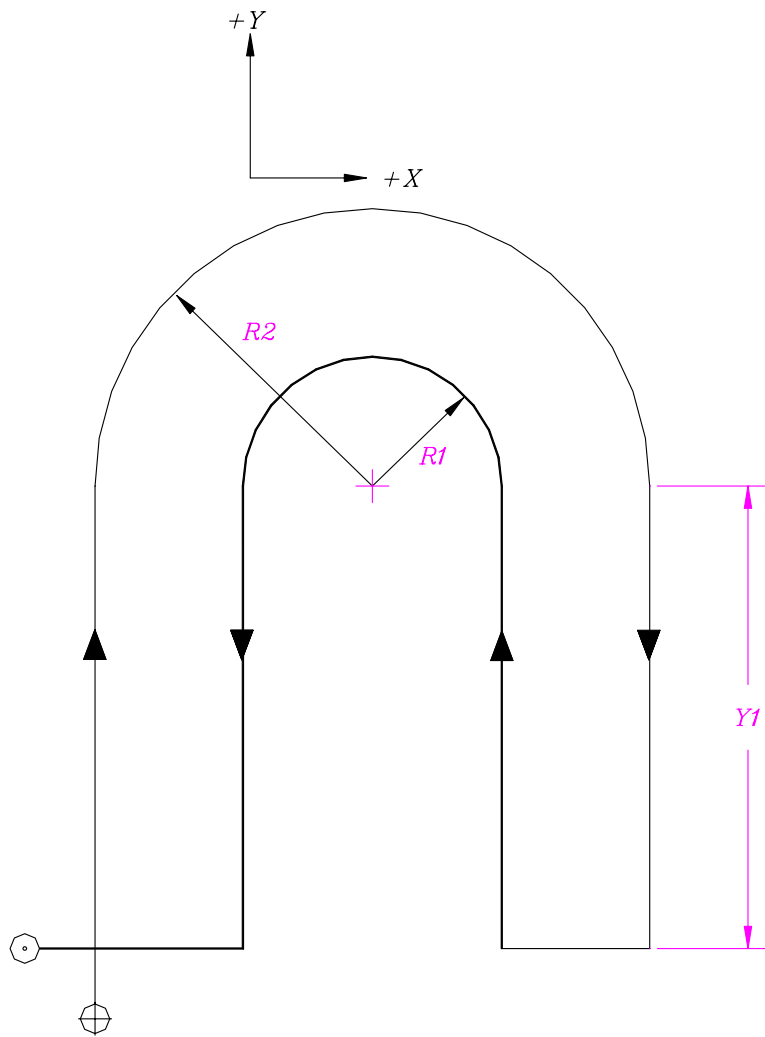
$R1$

$Y1$ 이 -값인 경우





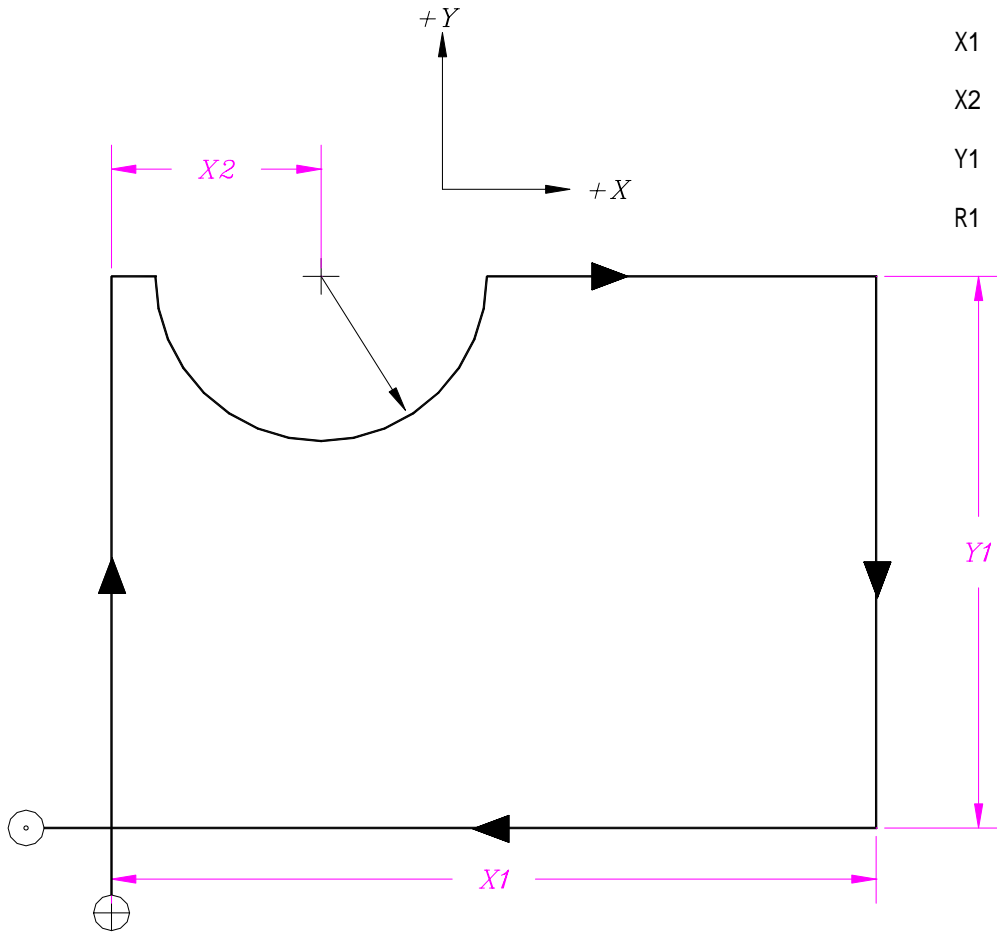
: 21



Y1  
R1  
R2

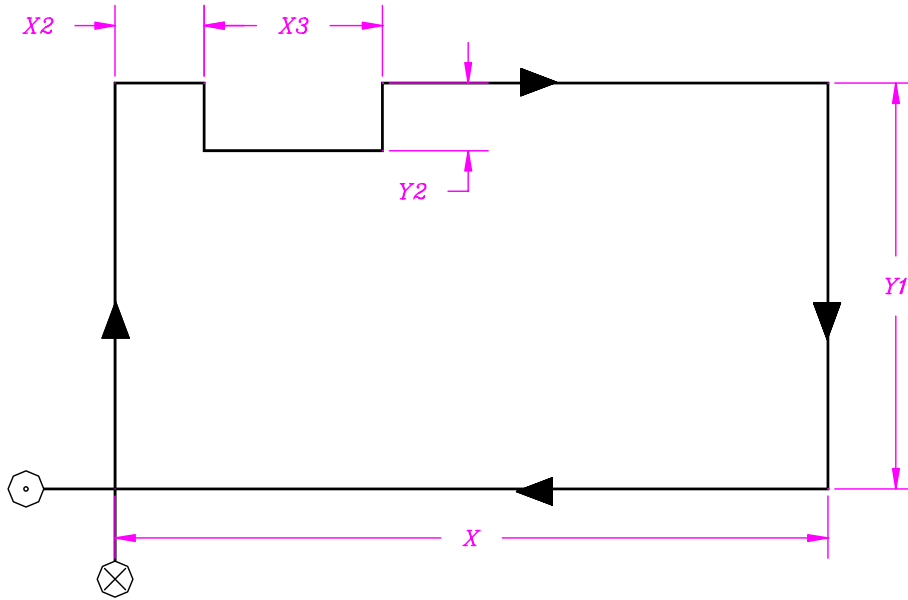
- ) 1. Y1 (0) 가 .
- 2. R1 (0) 가 .
- 3.  $R2 > R1$  ( $R2 > R1$  .)

: 22

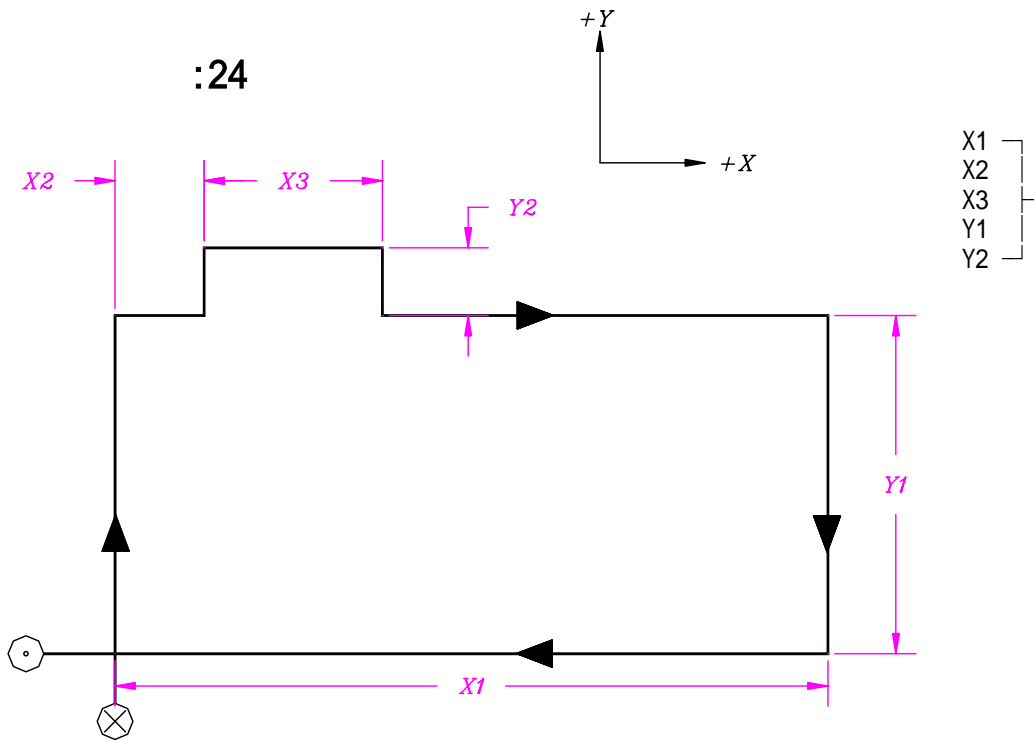


- ) 1.  $X_2 > R_1$  ( $X_2$   $R_1$  .)
2.  $Y_1 > R_1$  ( $Y_1$   $R$  .)

: 23

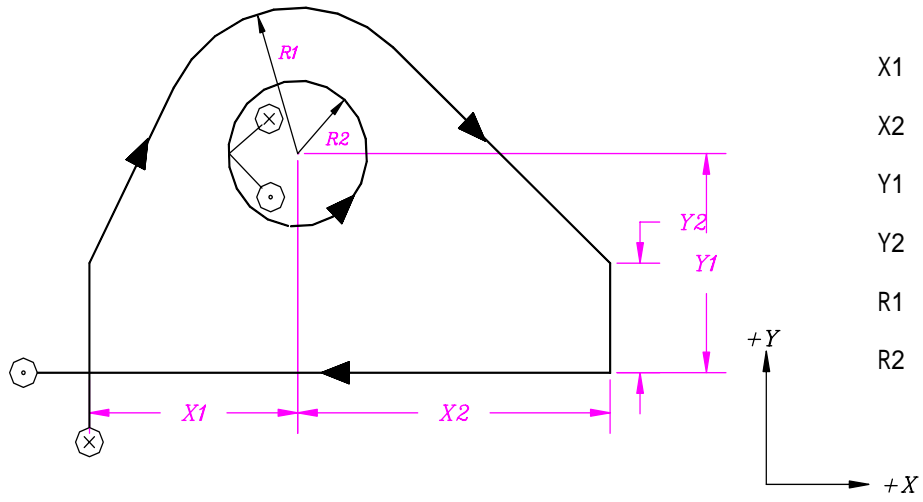


:24



- ) 1.  $X_2$  (0) 가 .  
 2.  $X_1$   $X_2 + X_3$

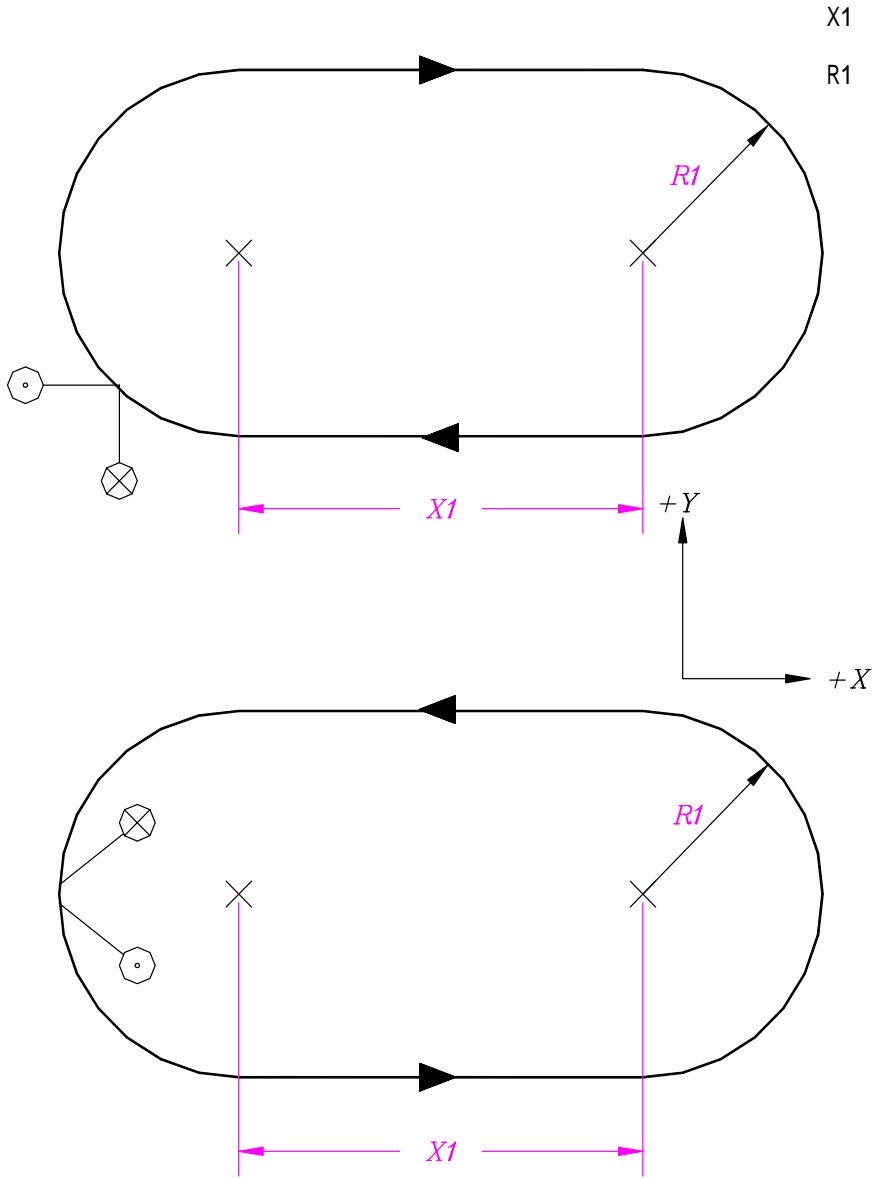
: 25



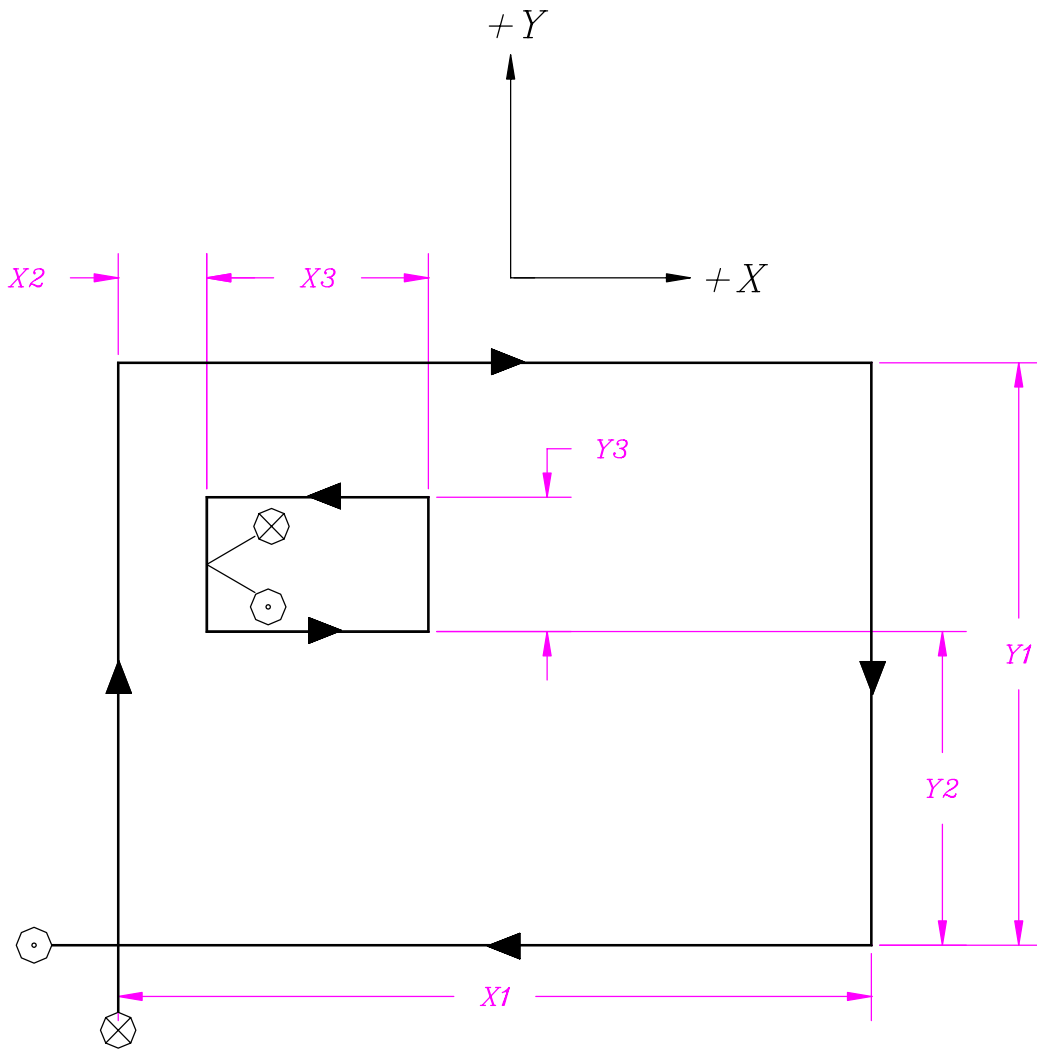
	$X1 < X2$	$X1 = X2$	$X1 > X2$
$Y2 = 0$ $R2 = 0$			
$Y2 \neq 0$ $R2 = 0$			
$Y2 = 0$ $R2 \neq 0$			
$Y2 \neq 0$ $R2 \neq 0$			

- ) 1.  $R2$  (0) 가 .  
 2.  $Y2$  (0) 가 .  
 3.  $R1 > R2$  ( $R1$   $R2$  .)  
 $Y1 > Y2$  ( $Y1$   $Y2$  .)

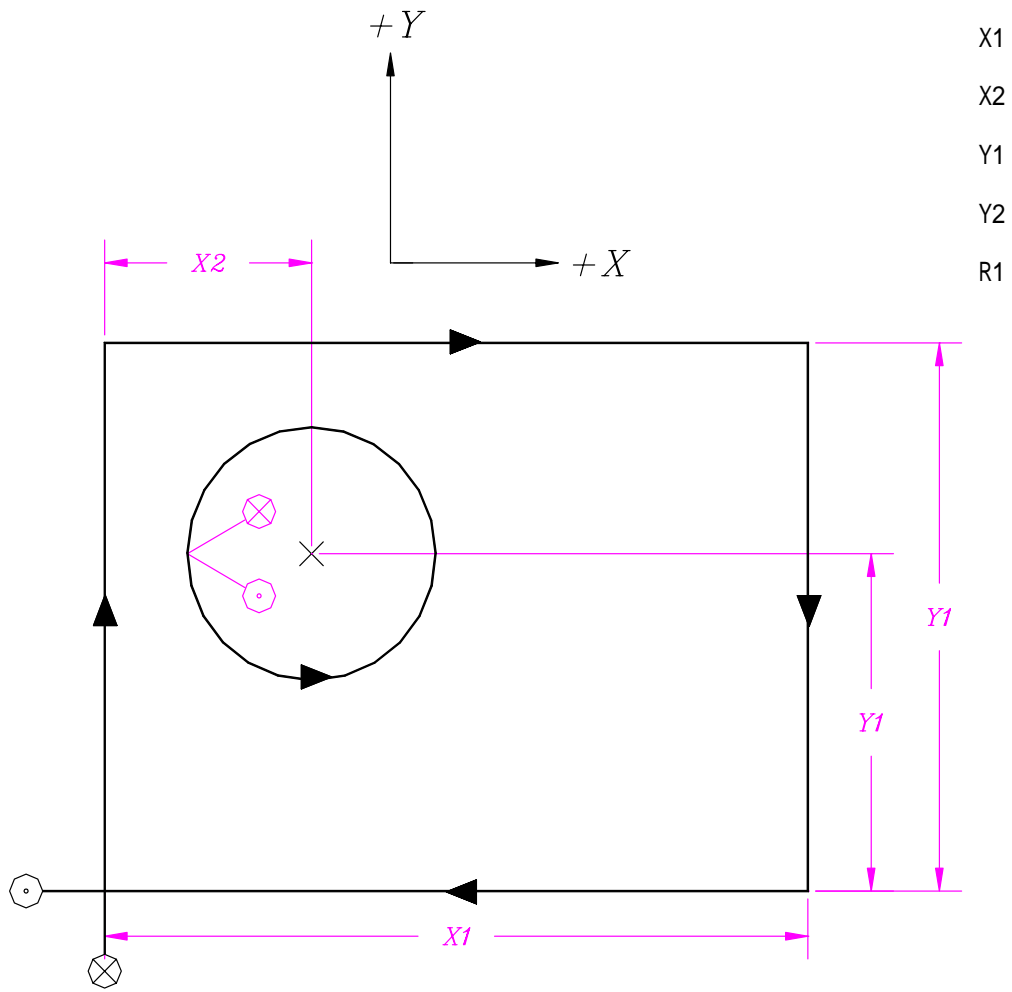
: 26



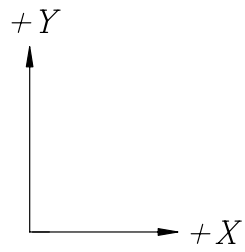
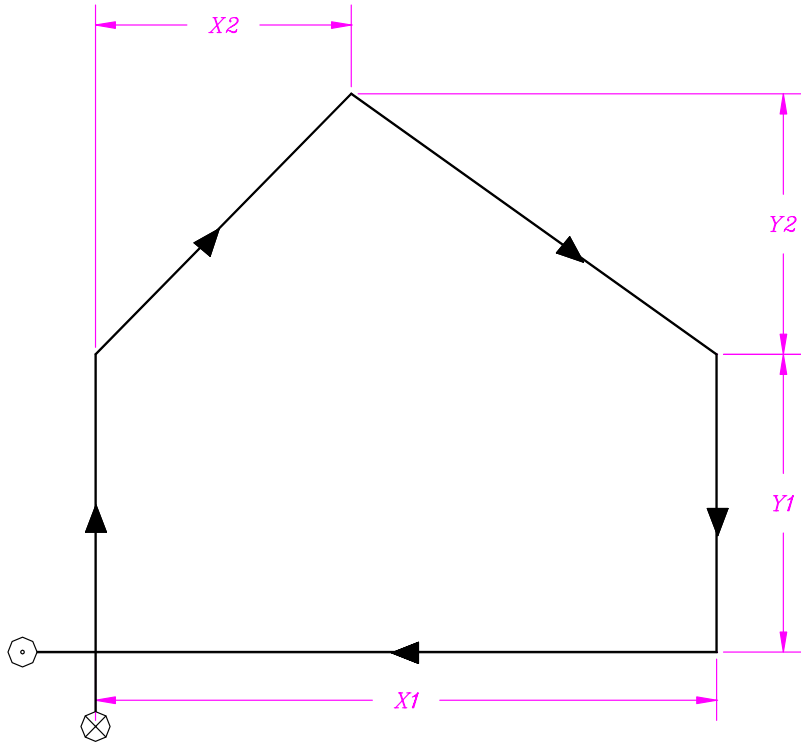
: 27



X1	Y1
X2	Y2
X3	Y3



: 29



X1

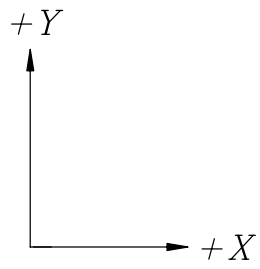
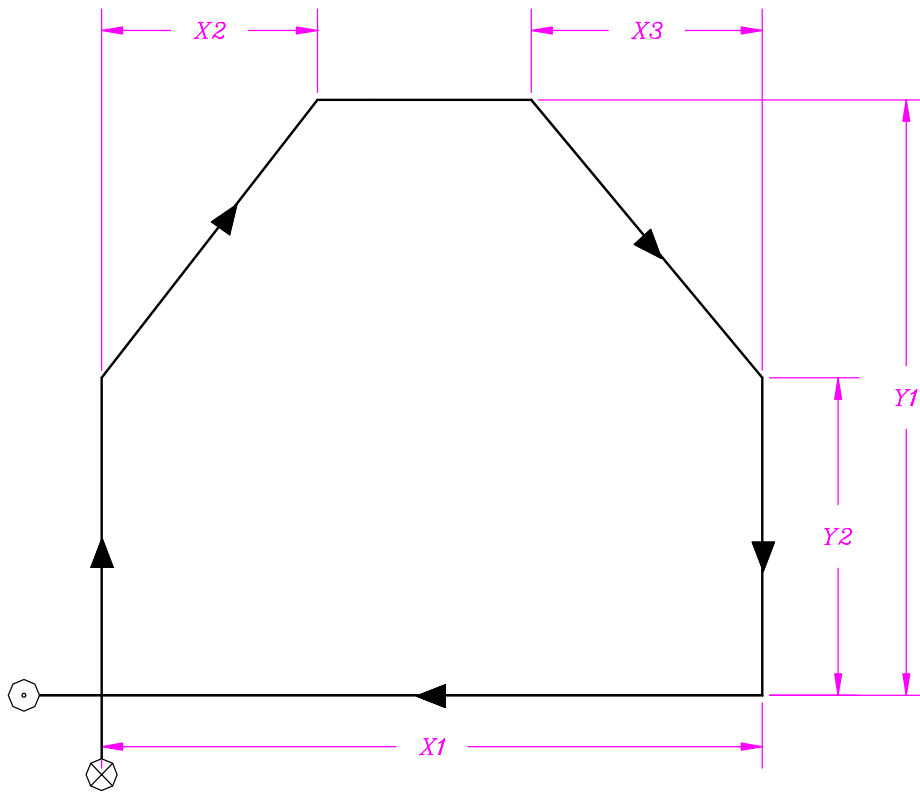
X2

Y1

Y2

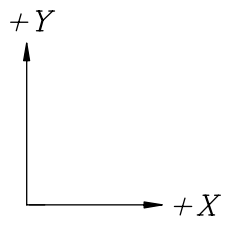
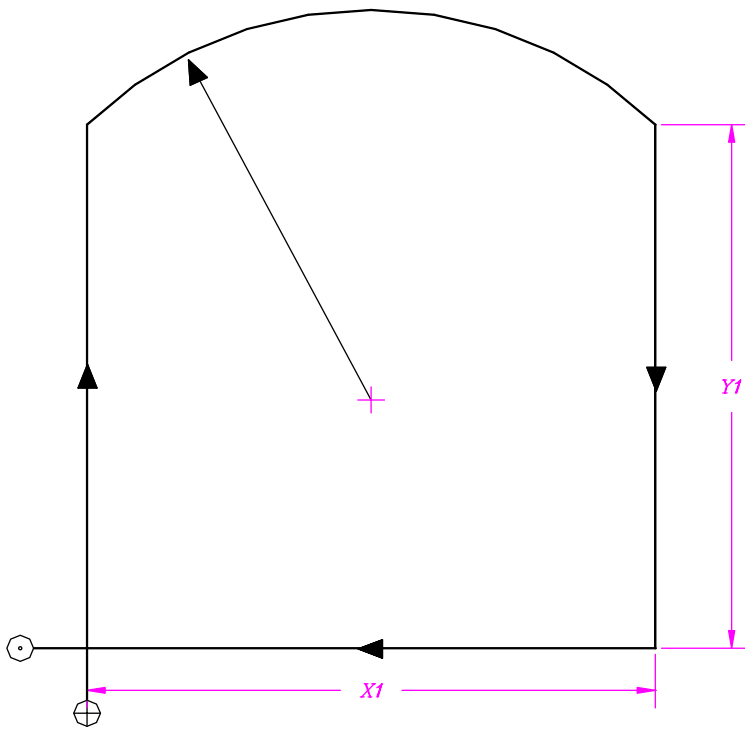


: 30



- X1
- X2
- X3
- Y1
- Y2

: 31

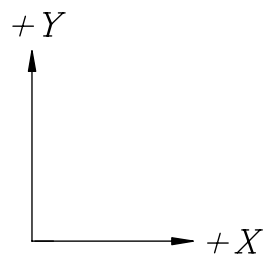
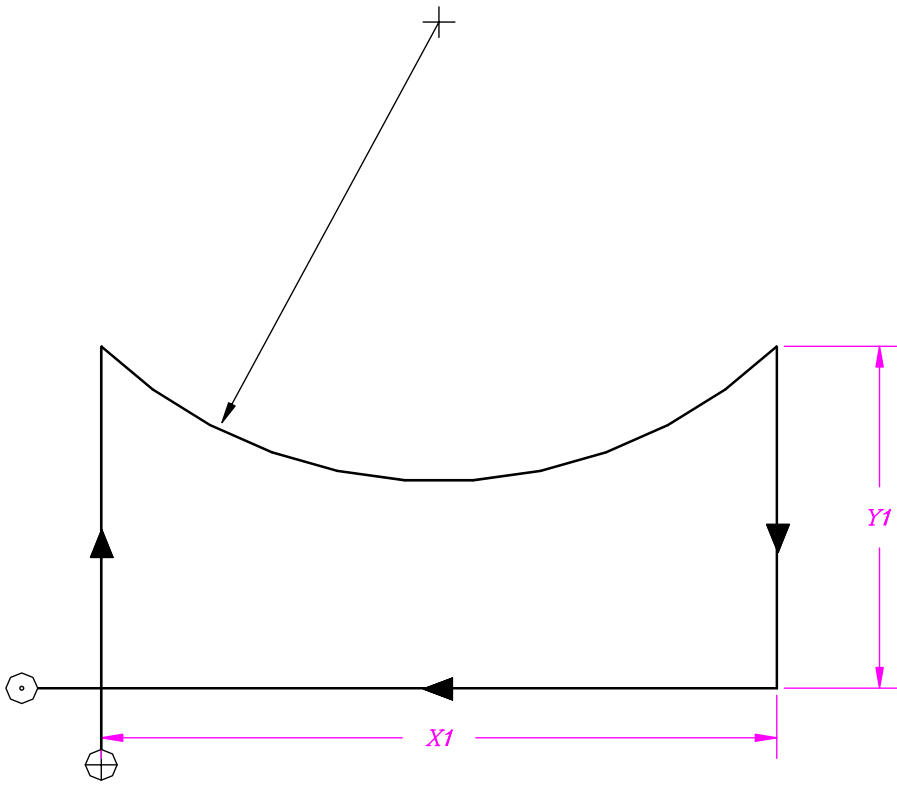


X1

Y1

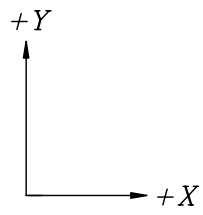
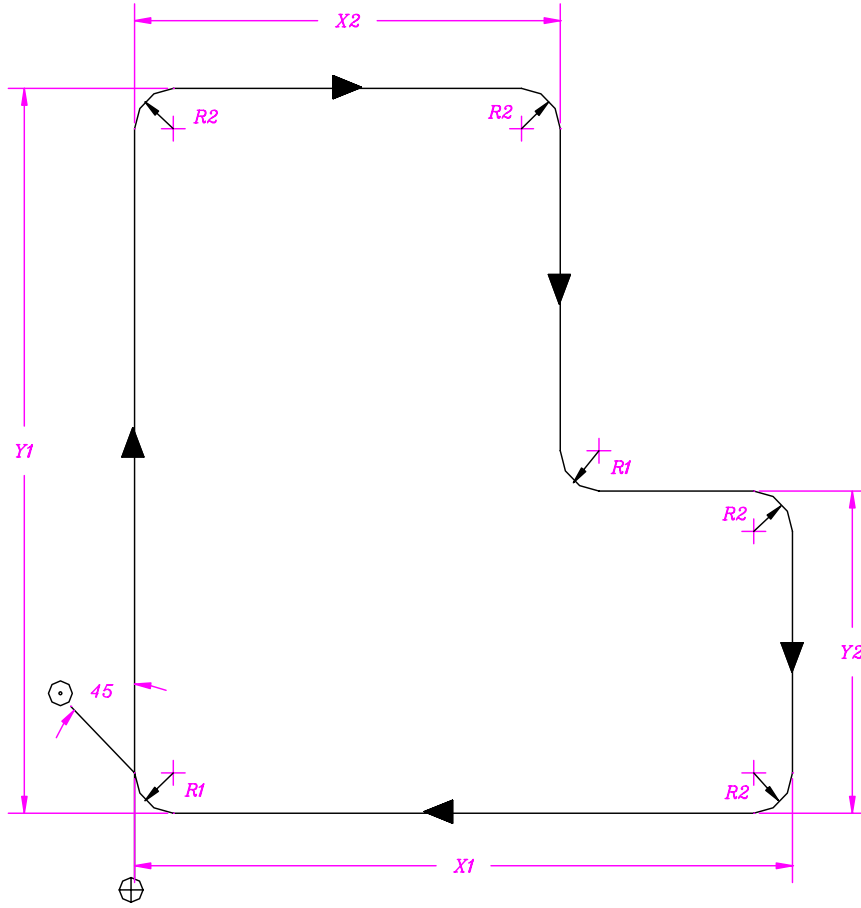
R1

: 32



X1  
Y1  
R1

: 33



- X1            R1
- X2            R2
- Y1
- Y2

- (1). 2 . , .
- (2). , , ,
- (3). , , , L- .
- (4). , , 11  
가 .
- (5). 가 .
- (6). 가 .
- (7). (OVERBURN) (-) .
- (8). 가 , 가

『 1 』

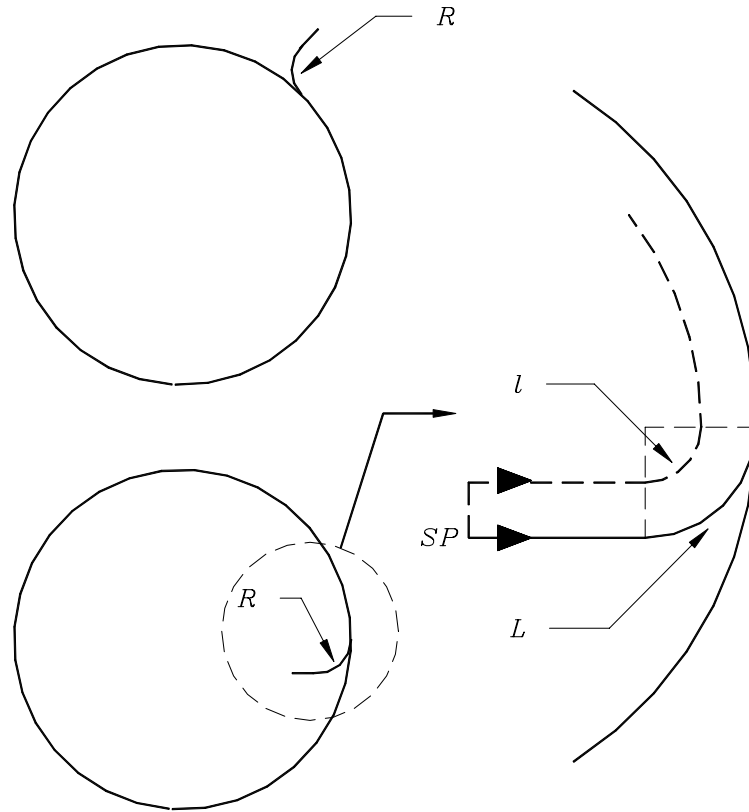
(圓弧進入)

(0)

(R)

R 1 MM,

3 MM

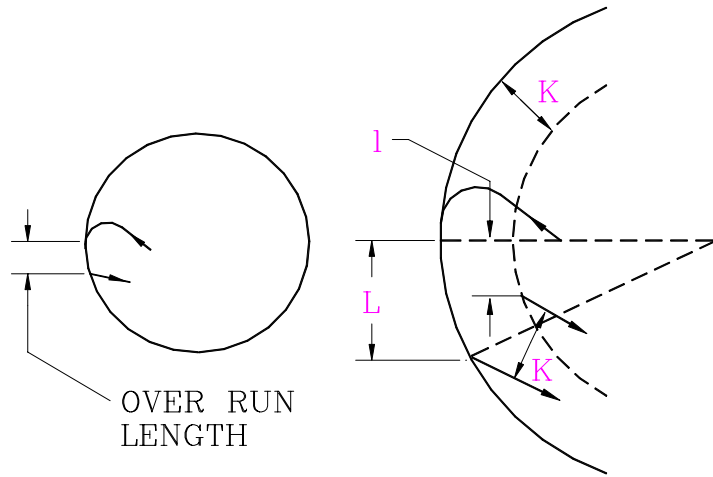


$l > 0$  ,  $l$  ,  $L$   $l$   
 ,  $R$  .  
『 』  $R$  , (0)  $R > \frac{\quad}{2}$  .

『 2 』

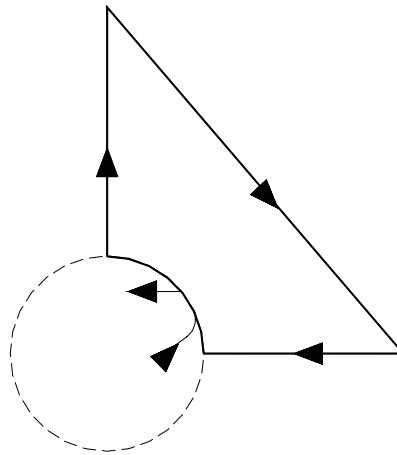
LEAD OUT( )

1 L 가 L



, LEAD OUT (OVERBURN)

(一周)



『 』

(OVERBURN)

$L > K$  ( K :

)가

NOTE :

EIA

G. OPTION ( )

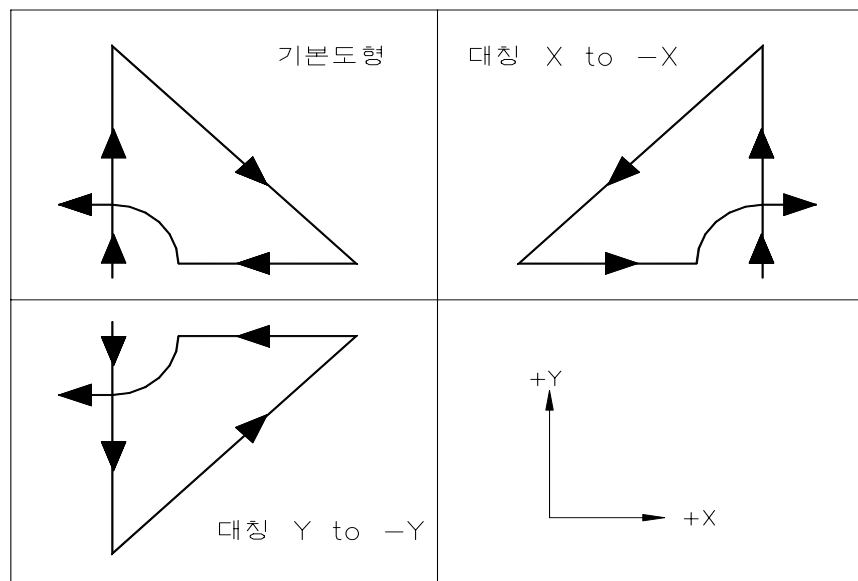
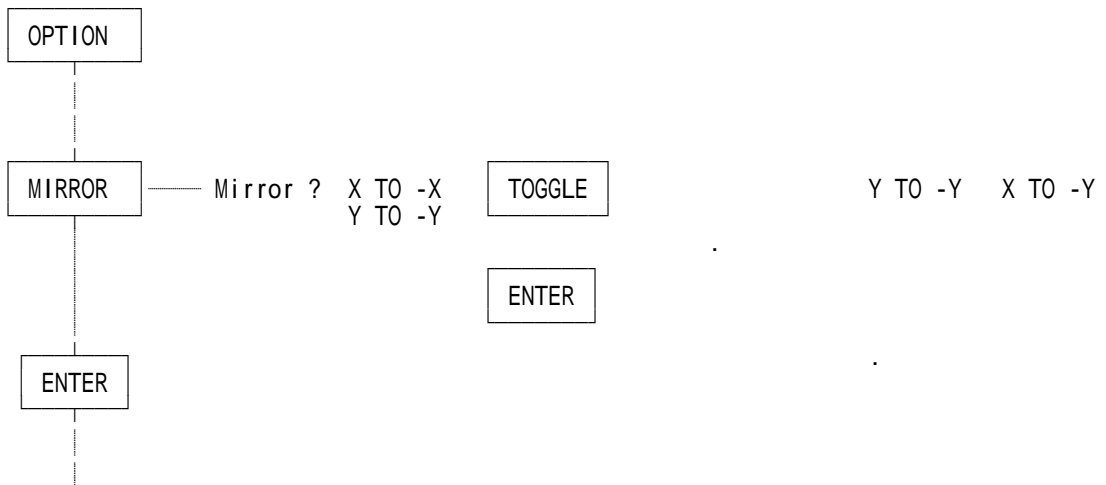
OPTION : MIRROR : ROTATE : REPEAT : SCALE :

1. (MIRROR- )

X- Y-

(+) (-) , (-) (+)

( LEAD IN , LEAD OUT )





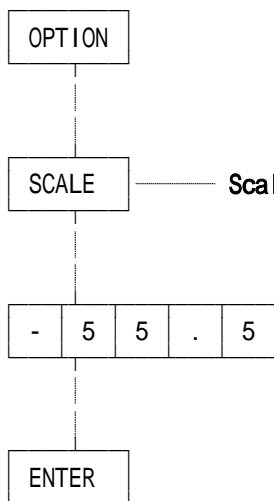
2. (ROTATE- )

가 ALIGN( )



3. / (SCALE)

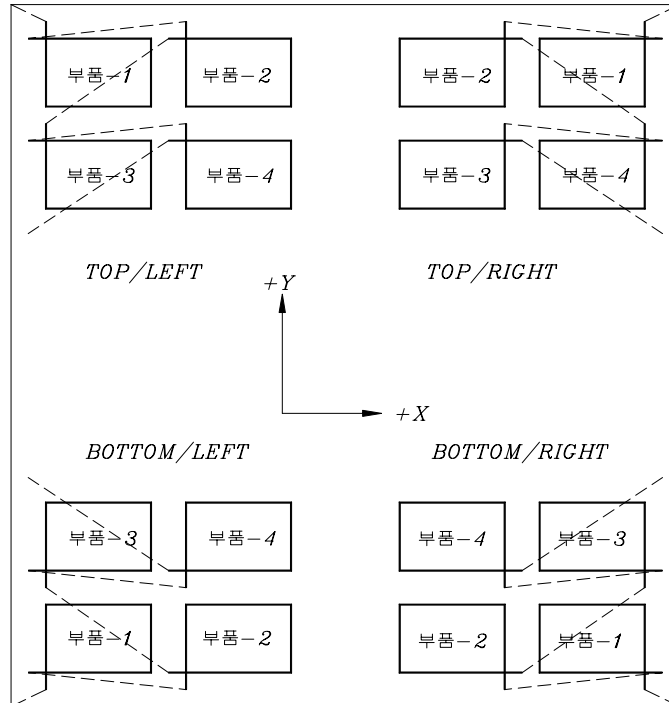
- (1). : 0.01 (1/100), : 99.9
- (2). / /



4. (REPEAT- )

4-1.

BOTTOM LEFT / RIGHT TOP LEFT / RIGHT 4 가 .

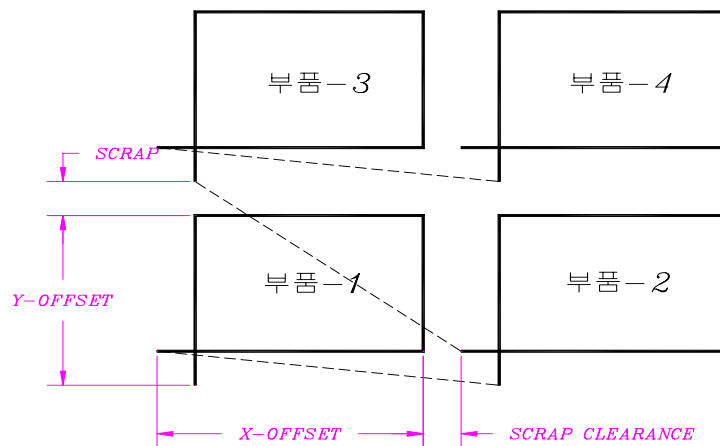


4-2.

STRAIGHT( ), STAGGER( ), NESTED( ) 가

, , .

.STRAIGHT( )



NOTE : X-OFFSET Y-OFFSET + .

OPTION : MIRROR : ROTATE : REPEAT : SCALE : :

REPEAT

Repeat ? — ON / OFF \* TOGGLE ON ENTER OFF

ENTER

Pattern Start? BOTTOM / TOP \* TOGGLE ENTER BOTTOM

ENTER

Pattern Start ? — LEFT / RIGHT \* TOGGLE ENTER LEFT

ENTER

Pattern ? STRAIGHT / STAGGER / NESTED TOGGLE STRAIGHT ENTER

ENTER

Pattern X Offset ? 2 5 0.5 X- 가 (LYNX )

2 5 0 . 5 ENTER

Pattern Y Offset ? 3 0 0.5 Y- 가 (LYNX )

3 0 0 . 5 ENTER

Scrap Clearance ? 0.0

( , 15mm)

	1	5	ENTER
--	---	---	-------

Pattern Rows ? 0

			ROW 2( )
			ROW 1( )

	2	ENTER
--	---	-------

COLUMN (가) 1 2 3

Pattern Column ? 0

	3	ENTER
--	---	-------

DONE OPTION

:	MIRROR	:	ROTATE	:	REPEAT	:	SCALE	:		:
---	--------	---	--------	---	--------	---	-------	---	--	---

DONE

NOTE 1. KERF

2. D-9

.STAGGER( )

Y-

X-

1/2

Y  
Y-  
X-

1

Y-

, X-

1

OPTION

REPEAT MIRROR : ROTATE : REPEAT : SCALE :

\* Repeat?  
OFF / ON TOGGLE ENTER . ON

\* Pattern Start?  
BOTTOM / TOP TOGGLE ENTER . BOTTOM  
( ) ( )  
LEFT / RIGHT TOGGLE ENTER . LEFT

\* Pattern?  
STRAIGHT / STAGGER / NESTED  
( ) ( ) ( )  
TOGGLE STAGGER ENTER .

\* Pattern X offset = X- 가 .

Pattern Y offset = Y- 가 .

Scrap Clearance = .

Pattern Rows = .

Pattern Columns = 가 .

DONE

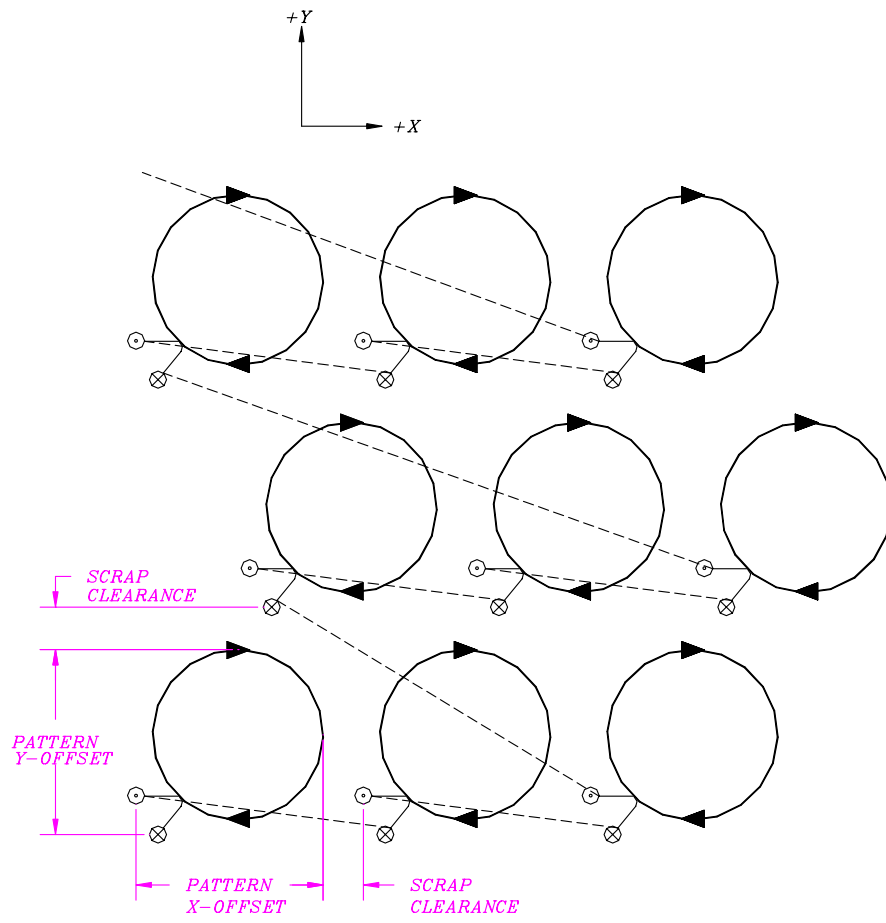
DONE

MIRROR : ROTATE : REPEAT : SCALE :

DONE

\*\*

\*\*



NESTED ( )

가

X- Y-  
-Y

OPTION

MIRROR : ROTATE : REPEAT : SCALE : REPEAT

- \* Repeat ?  
OFF / ON TOGGLE ENTER ON
- \* Pattern Start ?  
BOTTOM / TOP TOGGLE ENTER BOTTOM  
( ) ( )  
LEFT / RIGHT TOGGLE ENTER LEFT
- \* Pattern ?  
STRAIGHT / STAGGER / NESTED  
TOGGLE NESTED ENTER
- \* Nest X offset =
- Nest Y offset =
- \* Pattern X offset = X- 가
- Pattern Y offset = Y- 가
- Scrap Clearance =
- Pattern Rows =
- Pattern Columns = 가

DONE

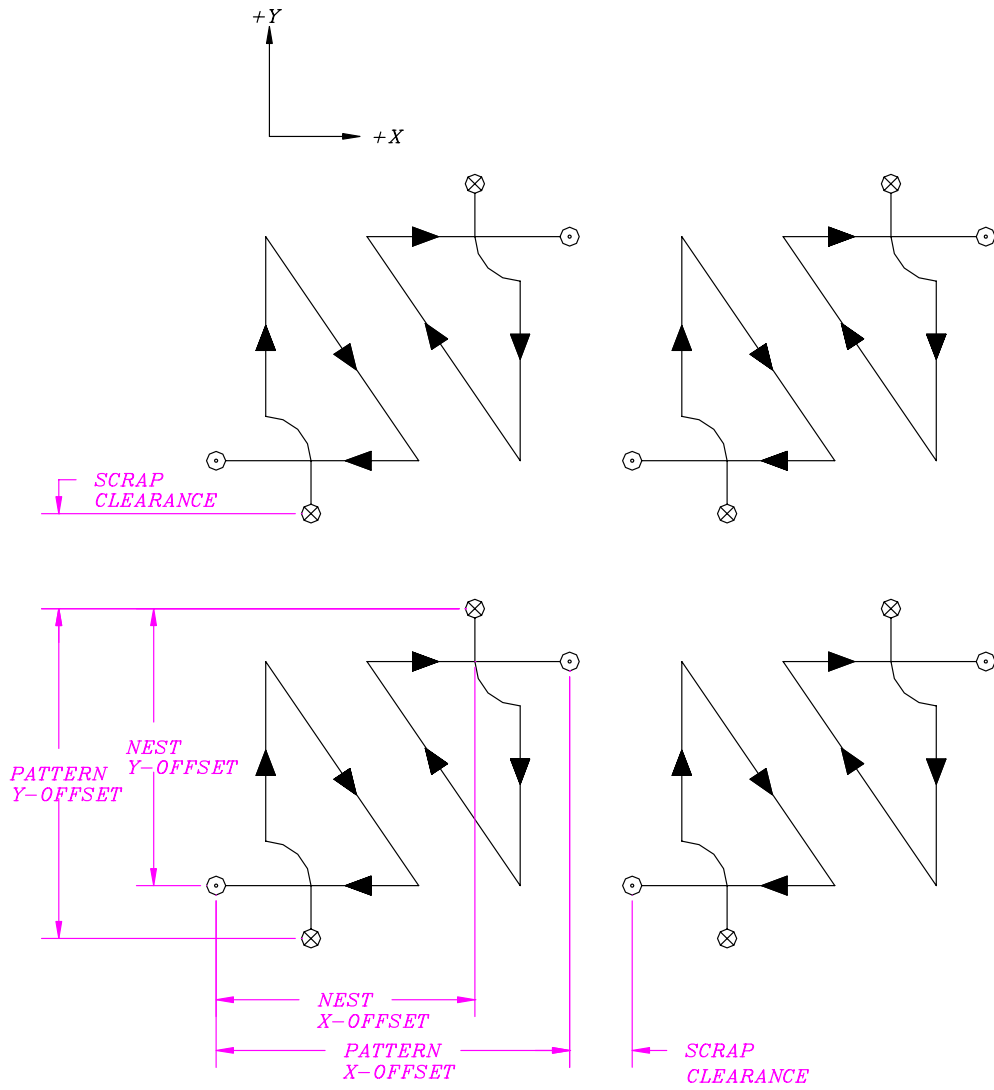
DONE

MIRROR : ROTATE : REPEAT : SCALE :

DONE

\*\*

\*\*





H. (WORKFILE)

LYNX 128K BYTE 가 . 2가

(1) (FILE) -----

MDI (MANUAL DATA INPUT)

(2) (FILE) -----

NUMBER)

(PART INDEX

가

128K BYTE

가 .

64

가 .

9

(下記)

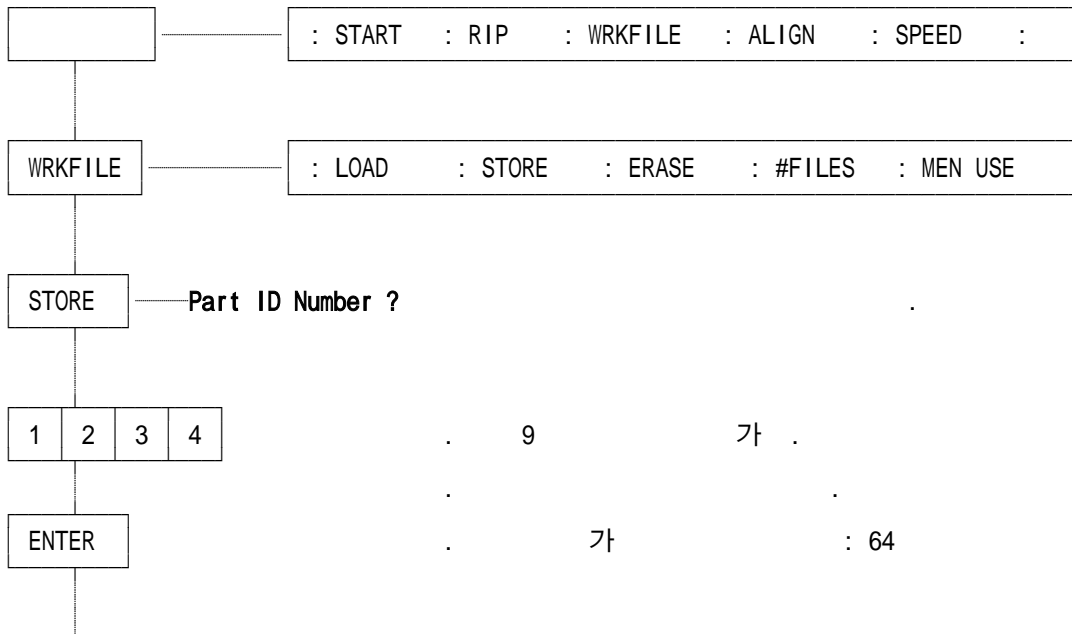
LYNX

(MDI)

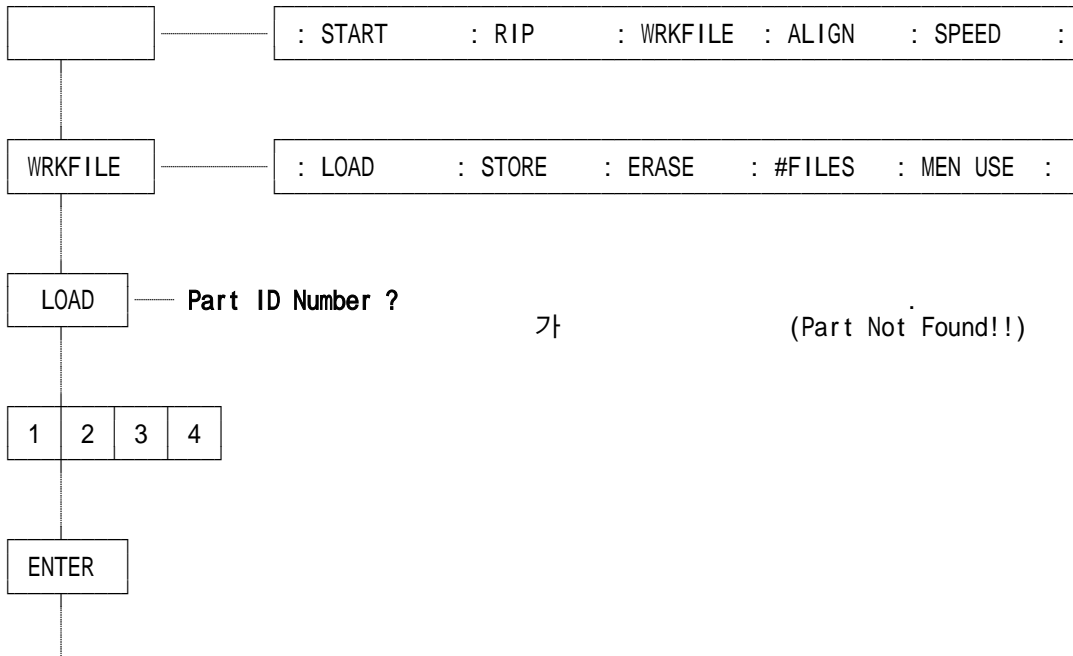
가 .

SHAPES

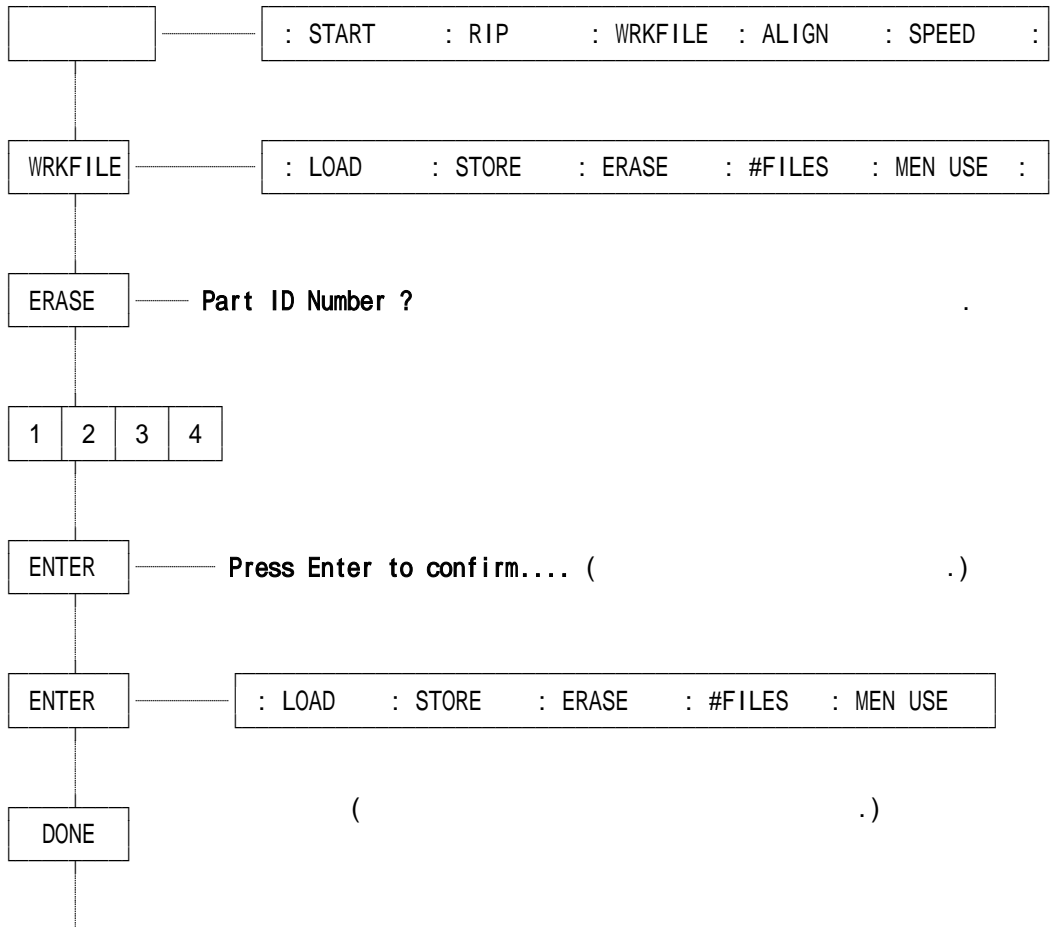
1. (STORE)



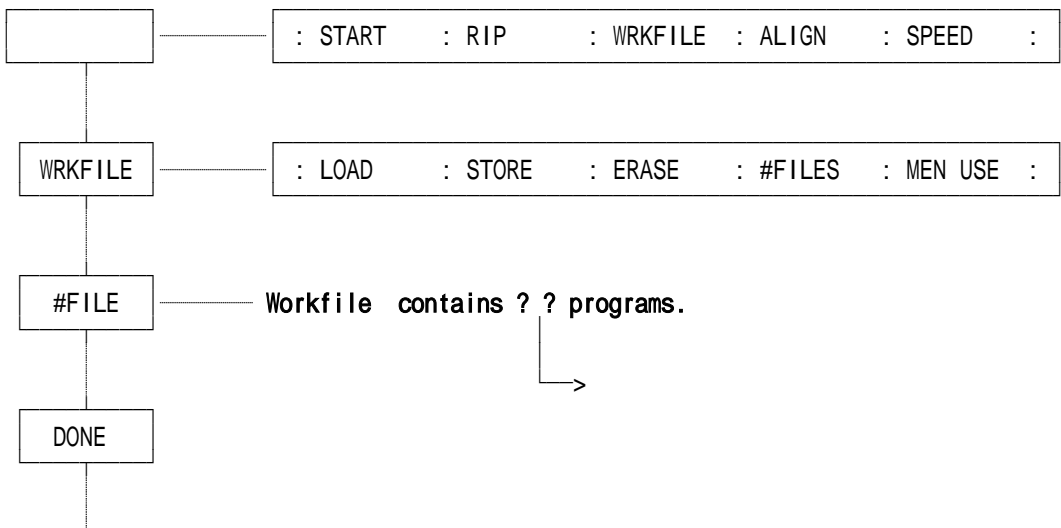
2. (LOAD)



3. (ERASE- )

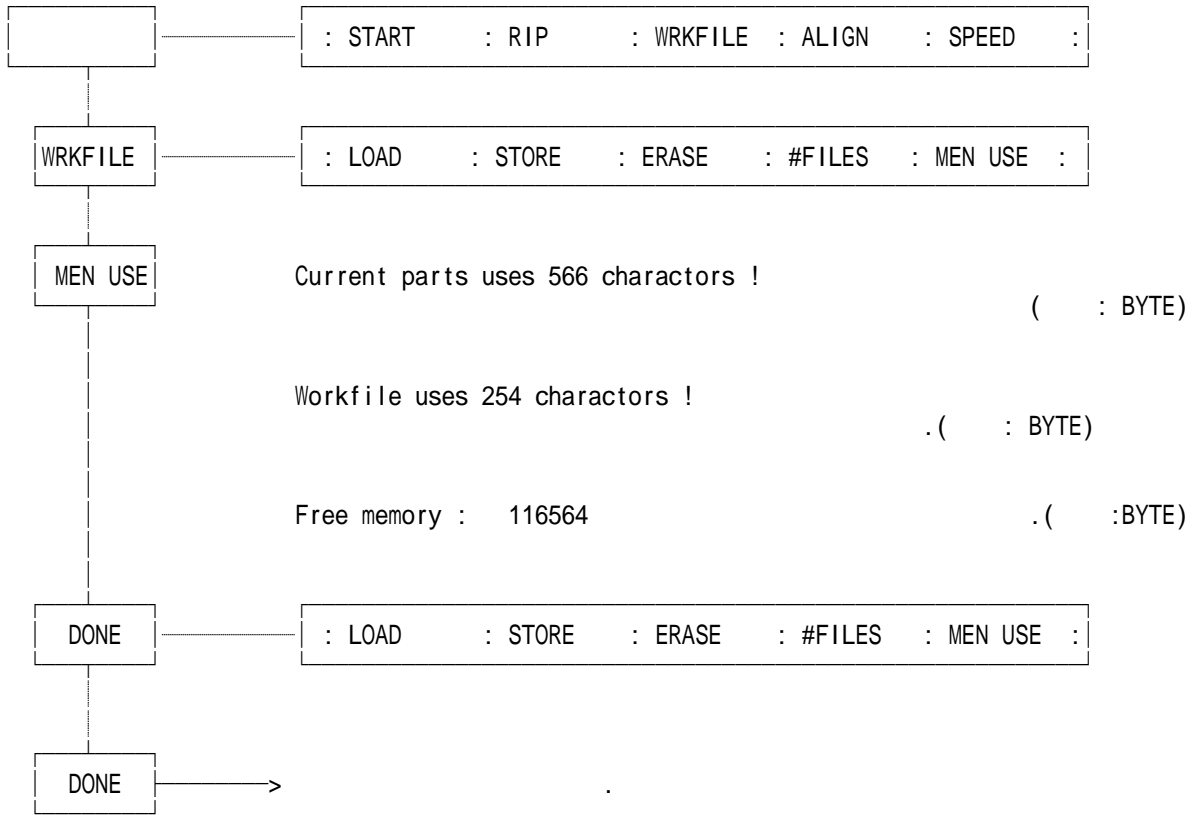


4. (#FILES)



5. (MEM USE)

가 .



\*

LYNX ( M D I )

\*

I.

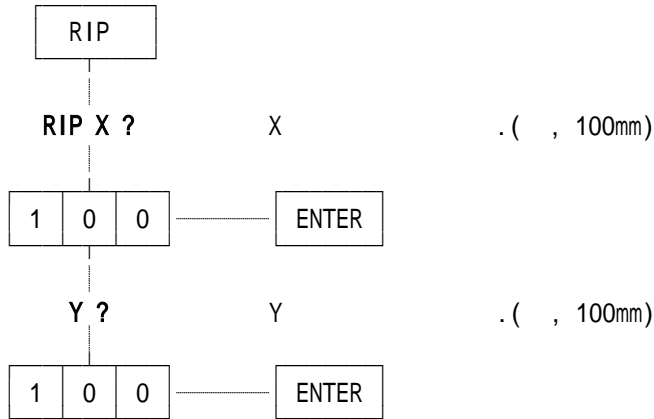
LYNX ON

가 ( )

: START	: RIP	: WRKFILE	: ALIGN	: SPEED	:
---------	-------	-----------	---------	---------	---

START :  
 RIP : ( )  
 WRKFILE :  
 ALIGN :  
 SPEED :

1.RIP( )



Raising Torches ...

가

Lowering Torches ...

가

Ignition ...

ON

(

)

: PREHEAT	: 020	019	: EXTEND	: SET-NOW	: RELEASE	:
-----------	-------	-----	----------	-----------	-----------	---

Raising Torches ...

Piercing ...

ON.

Ripping At 600.0

X100, Y100

.(

600 mm/min)

2.ALIGNMENT ( )

가

[ ]

가

START : RIP : WRKFILE : ALIGN : SPEED

ALIGN

Align Function ? OFF / ON

TOGGLE

“ ON ” “ OFF ” 가

ON

ENTER

ENTER

Orientation ? BOTTOM / TOP

TOGGLE

“ BOTTOM ” “ TOP ”

“ BOTTOM ”

ENTER

ENTER

BOTTOM

Orientation ? LEFT / RIGHT

TOGGLE

“ LEFT ” “ RIGHT ” 가

“ LEFT ”

ENTER

ENTER

Scrap Clearance ?

( , - 가 .)

3 . 5

ENTER

,

3.5mm (X- , Y- .)

Jog to selected corner... Press DONE (

“ DONE ”

.)

1 (BOTTOM/LEFT)

DONE

Ajust for plate skew ? NO / YES

TOGGLE

“ YES ”

ENTER

ENTER

Skew reference ? TOP LEFT /  
BOTTOM RIGHT

TOGGLE

“ BOTTOM RIGHT ”

“ TOP LEFT ” 가

“ TOP LEFT ”

ENTER

ENTER

Jog to top left point ... Press DONE

2 (TOP/LEFT)

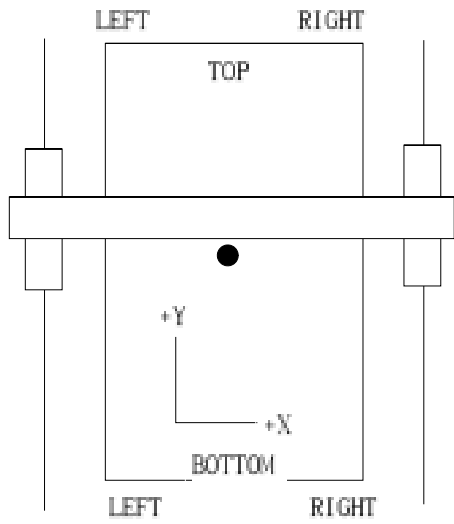
“ DONE ”

DONE

Calculating ...

Moving ...

: START : RIP : WRKFILE : ALIGN : SPEED



3. (START)

3-1.

AUX "CUT MODE"

: PREHEAT	: 030	029	: EXTEND	: SET-NOW	: RELEASE	:
	A	B	C	D	E	

A : AUX CUT-MODE CUT-MODE 가

B : 가 (0) 가

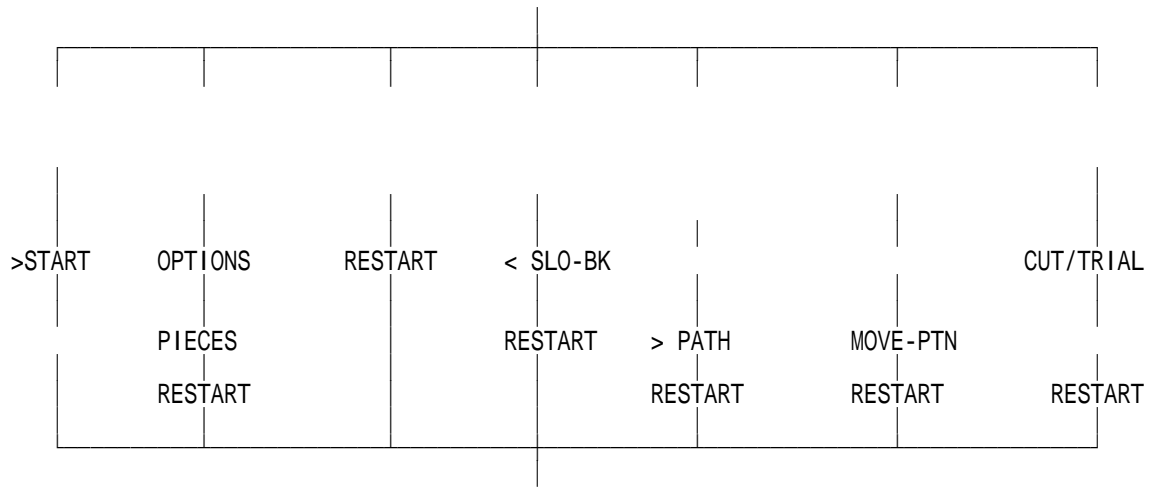
C : EXTEND( ) "SET-NOW"

D : SET-NOW( )  
 "EXTEND"  
 , "EXTEND" " + EXTEND  
 "

E : RELEASE( ) 가 가



3-2.



PAUSE

: > START : OPTIONS : RESTART : < SLO-BK : SLO-FW > :

3-2-1. 가 ( >START )

>START

Moving ...

START : RIP : WRKFILE : ALIGN : SPEED

3-2-2.OPTIONS ( )

(CUT/TRIAL),

: > START : OPTIONS : RESTART : < SLO-BK : SLO-FW > :

3-2-2-1.

OPTIONS : PIECES : MODE : SPEED

PIECES

Cut pieces to backup(1-5) ?

( ) 5 가 ) 가 ( .

1 ENTER

Moving ...

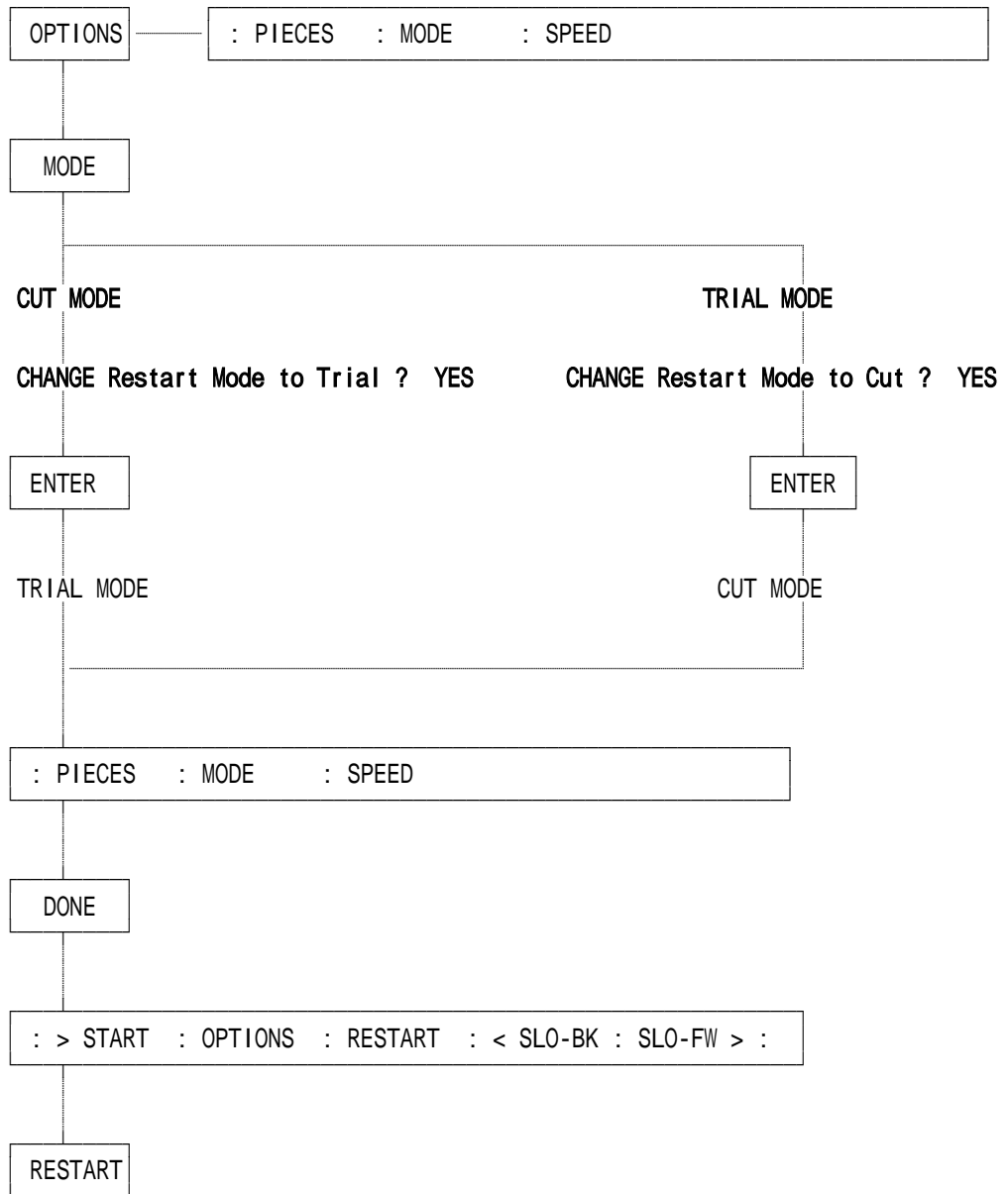
: PIECES : MODE : SPEED

DONE

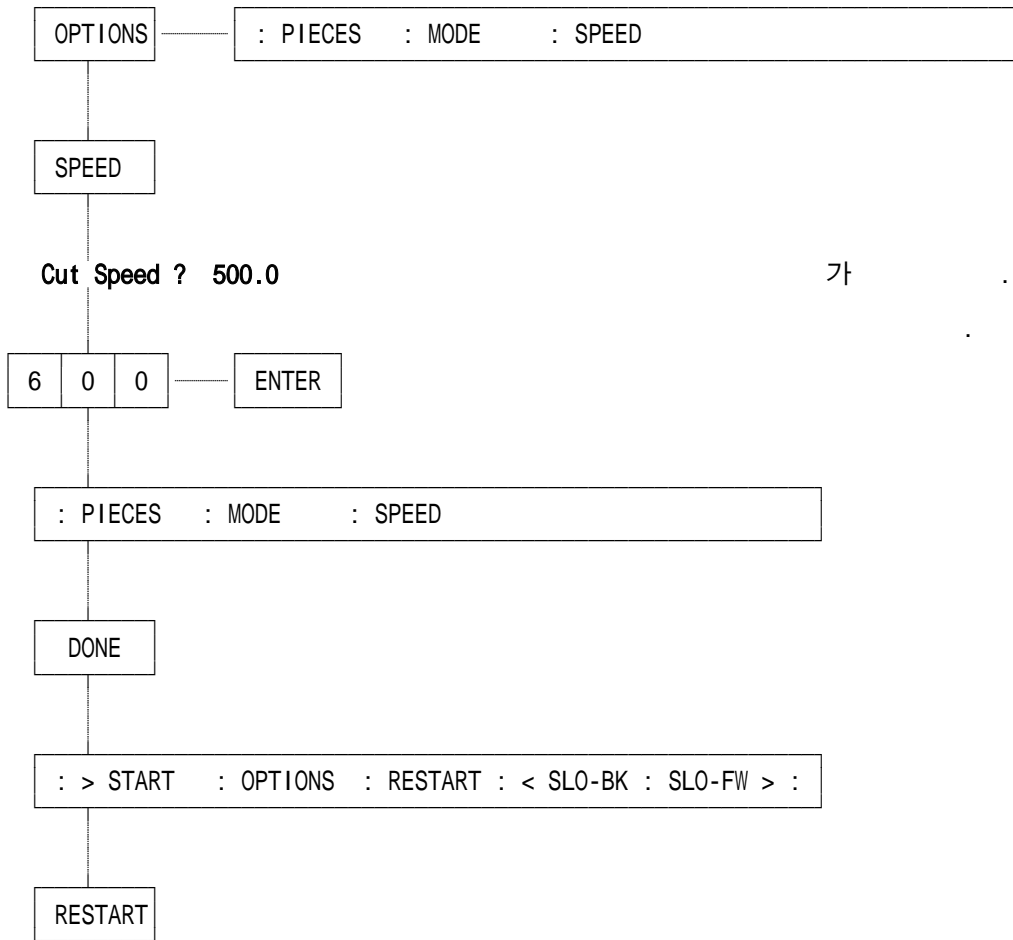
: > START : OPTIONS : RESTART : < SLO-BK : SLO-FW > :

RESTART

3-2-2-2. (MODE)

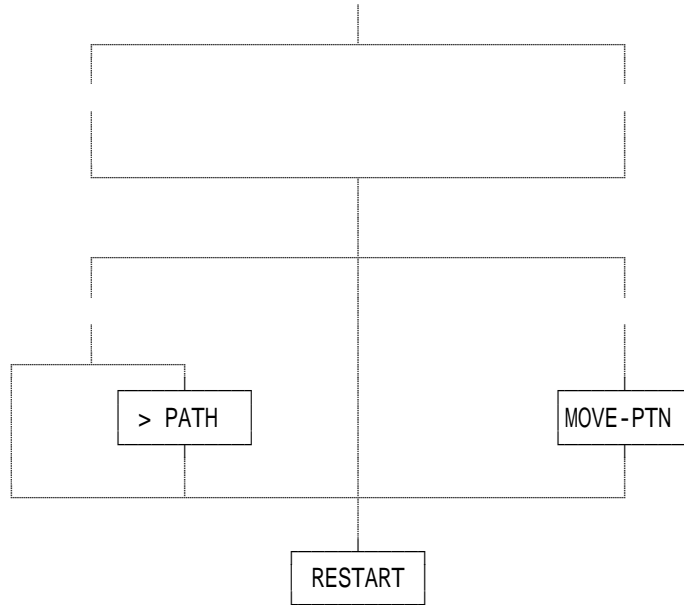


3-2-2-3. (SPEED)

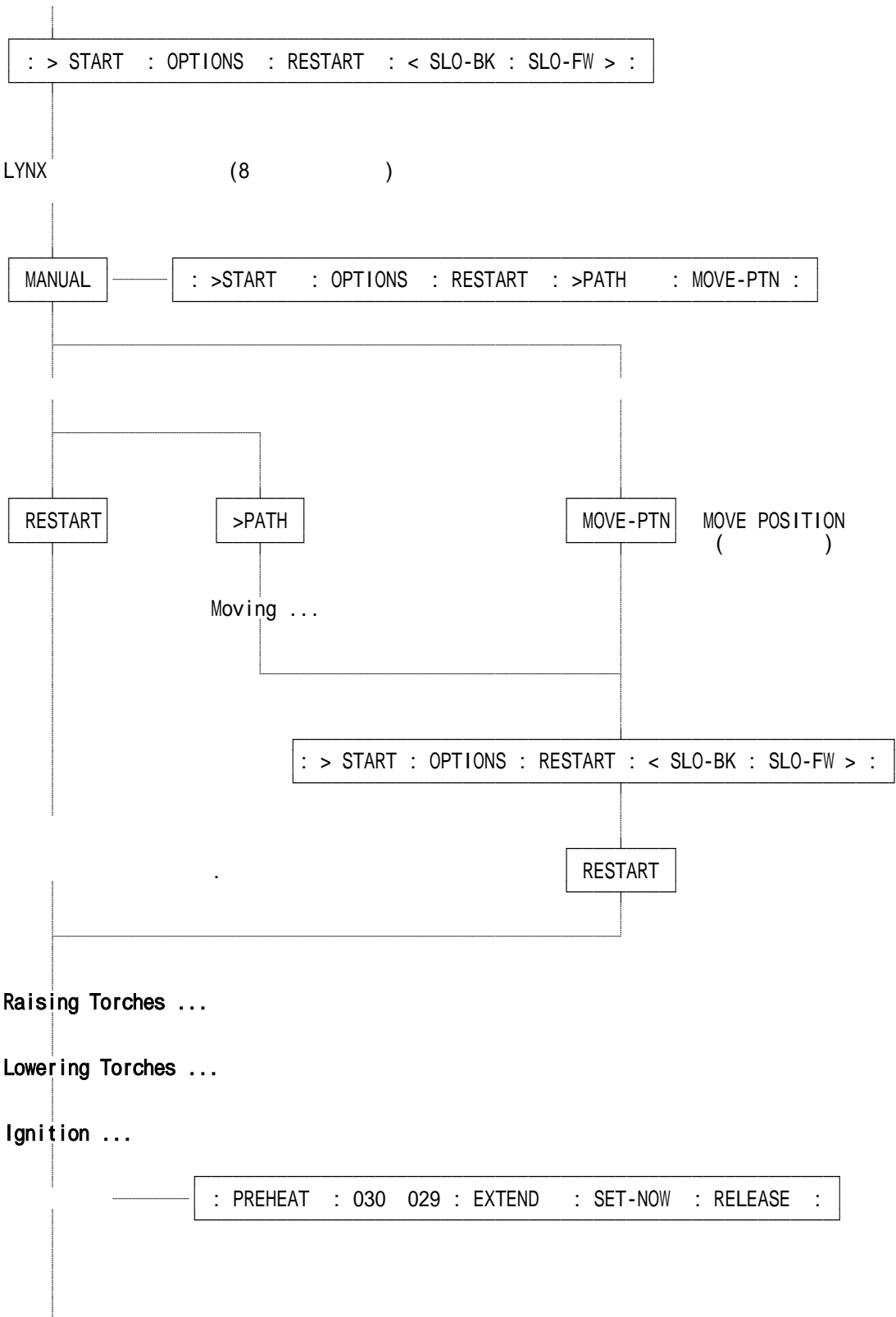


3-2-2-4.

가



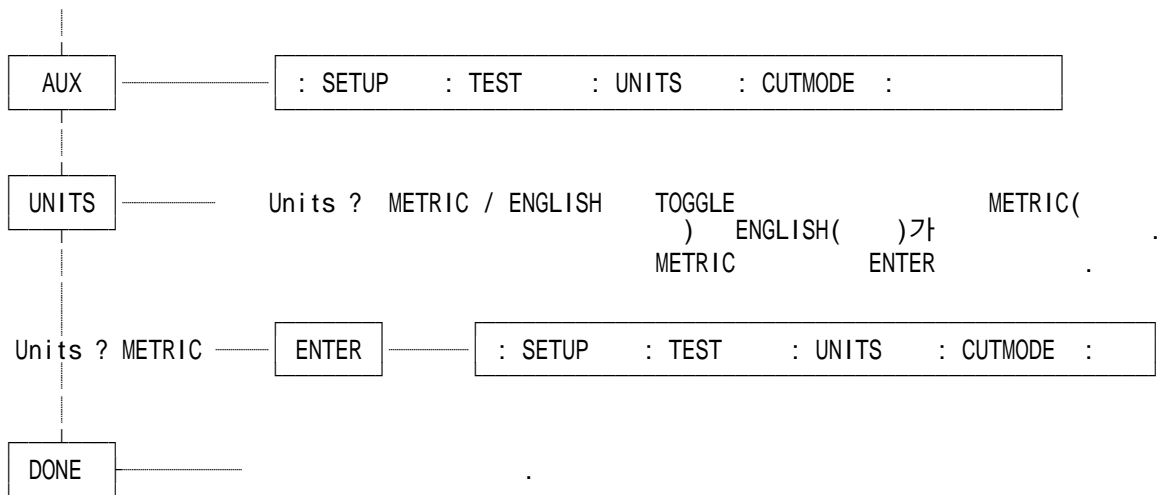
\*



J. (AUX)

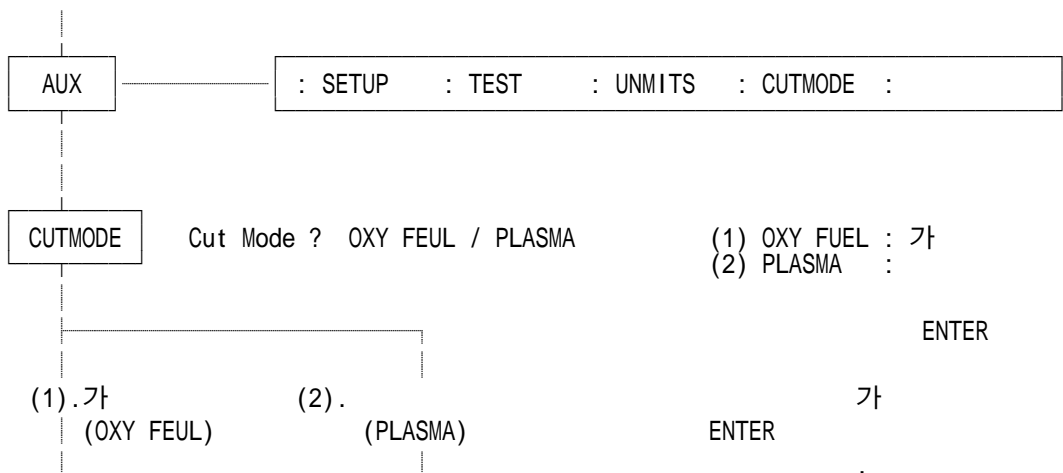
1. UNITS( )

가 (INCH) 가, (METRIC-mm)

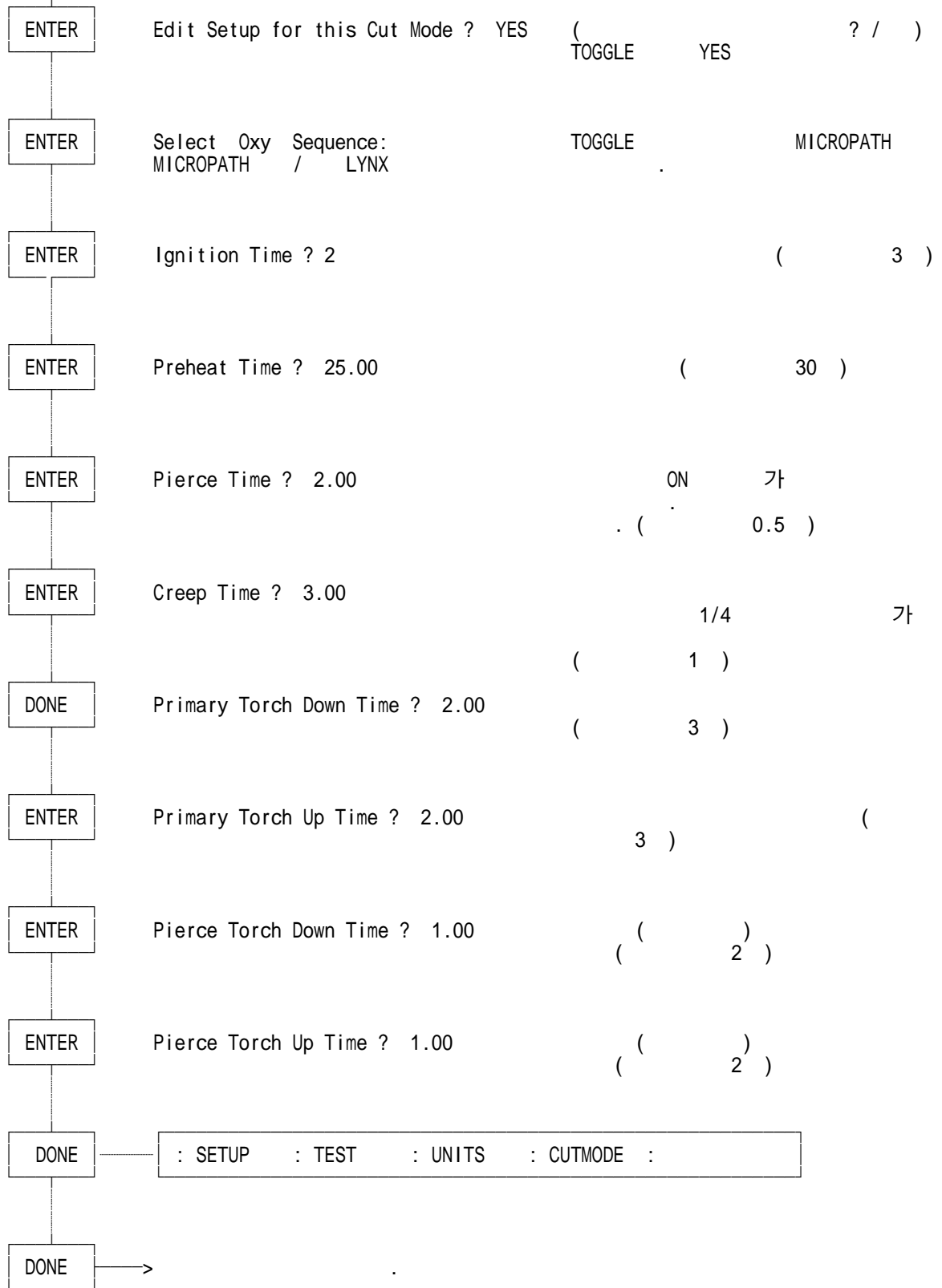


2. CUTMODE( )

( )

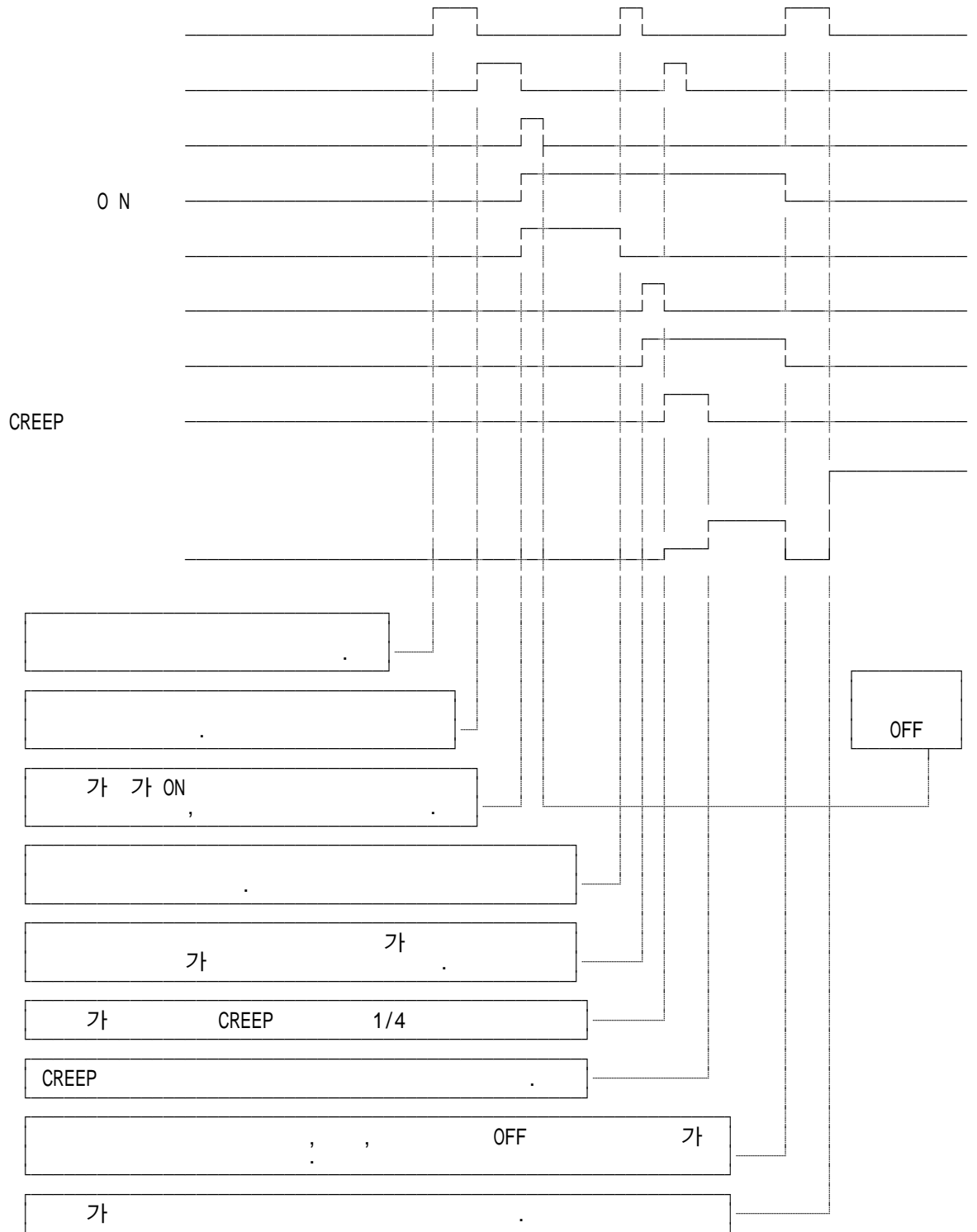


2-1.가

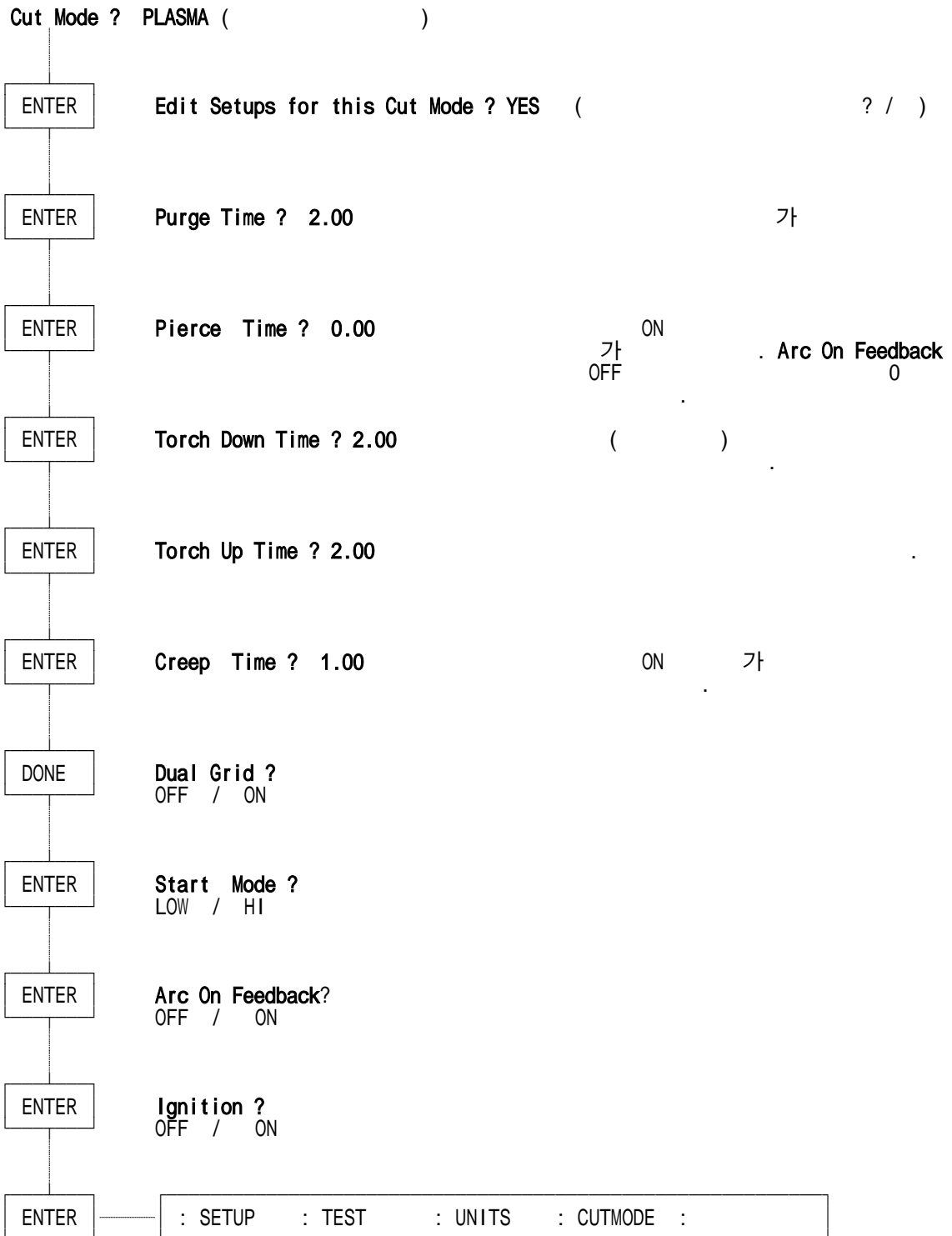




2-1-1. 가

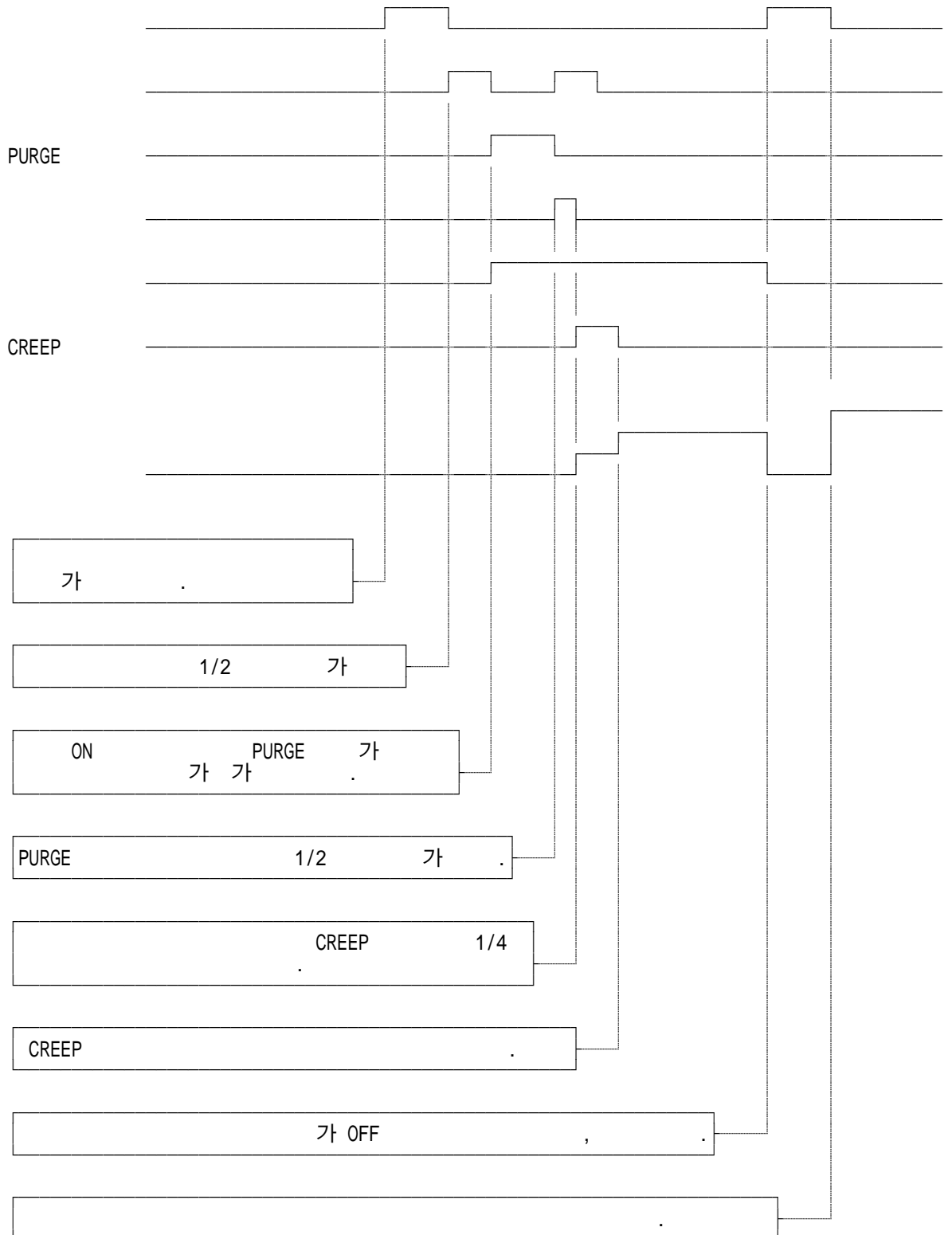


2-2.



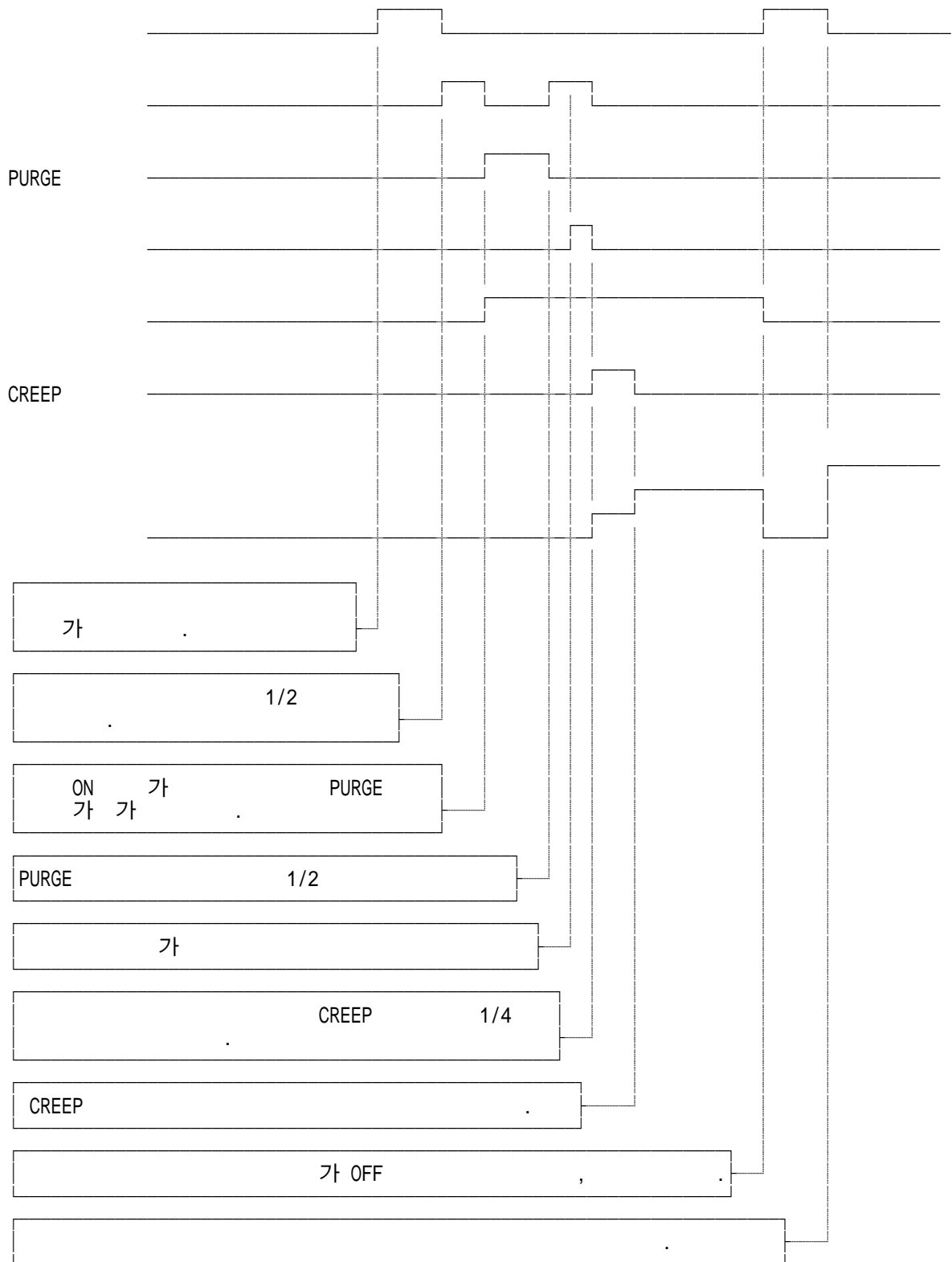
2-2-1.

( )



2-2-2.

( 가 )



3. (SETUP)

AUX                   : SETUP   : TEST   : UNITS   : CUTMODE :

SETUP                   Password ?                   ( 6 3 6 9 ) ENTER

6 3 6 9                   ENTER

: LINK : SPEEDS: TRACE : SERVO :MACHINE:

.LINK :                   . ( D N C )

.SPEEDS :

.SERVO :

.MACHINE:

ENTER                   DONE                   TOGGLE

--  
-- TOGGLE

LINK : SPEEDS : TRACE : SERVO : MACHINE

DONE                   2

-1).

			( )
LINK	DNC Timeout sec ?	10.00	
	ASCII Rewind ?	26	
	Dialog Start ?	33	
	Dialog Done ?	42	
	Dialog Prompt ?	3	
	Dialog Acknowledge ?	62	
	RS-232C baud rate ?	4800	300/1200/2400/4800/9600/19.2k
	Charactor Code ?	ASCII	ASCII or RS-244
	Parity ?	EVEN	EVEN/ODD/MARK//SPACE/IGNORE
	Transmit delay ?	0.00	
	Scan for Ctrl-Z in download ?	OFF	ON/OFF
	Send EOT upon download fail ?	OFF	ON/OFF
	Download mem capacity as % ?	30	
	Autoreload Point as % ?	25	
SPEEDS	Max Machine Speed ?	3000.0	.
	Low jog Speed ?	100.0	
	Min Corner Speed ?	0	
	Plasma Hi/Lo Speed % of Cut ?	50	
	Marker Speed ?	3000.0	
TRACE	Tracing Pitch		
	Tracing Mirror Lead Length		
	Accuracy Adjustment		
	Corner Adjustment (0 - 10)		
	Closure Over/Underlap		
	Optimization Accuracy		

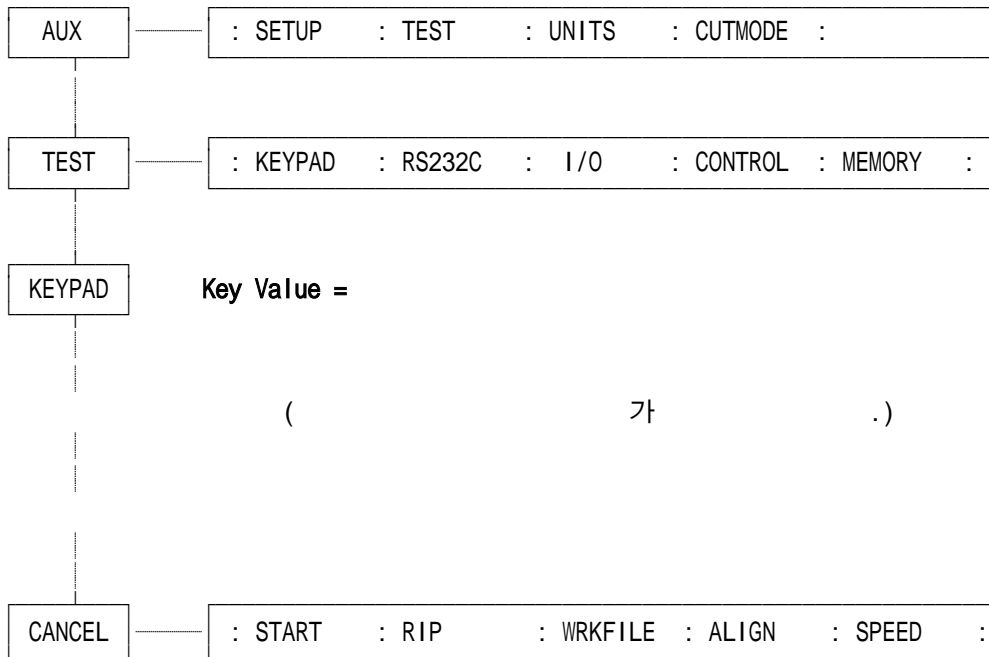
-1).

			( )
SERVO	X PGain ?		
	X IGain ?		
	X DGain ?		
	Y PGain ?		
	Y IGain ?		
	Y DGain ?		
	Error Tolerance ?		
	X DAC Polarity ?		POSITIVE/NEGATIVE
	Y DAC Polarity ?		POSITIVE/NEGATIVE
MACHINE	X Edges Per 0.1MM ?		
	Y Edges Per 0.1MM ?		
	Encoder Decode Mode ?		1X, 2X, 4X
	Accel mgees ?		
	Output Logic ?		
	Input Logic ?		
	X Marker Offset ?		
	Y Marker Offset ?		
	+ X Axis Orientation ?		RIGHT/LEFT
	+ Y Axis Orientation ?		BOTTOM/TOP
	Auto Return to Start after Trial	YES	YES/NO
	Display Language ?		ENGLISH

4. (TEST)

4-1. (KEYPAD)

가

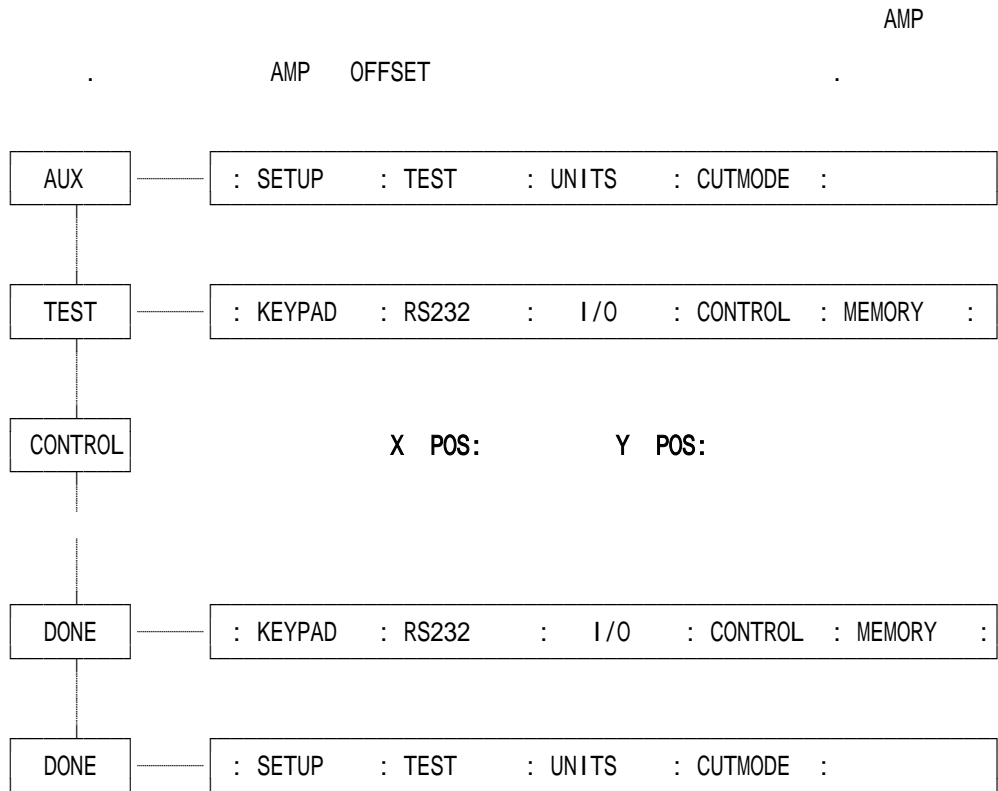


( 가 . )

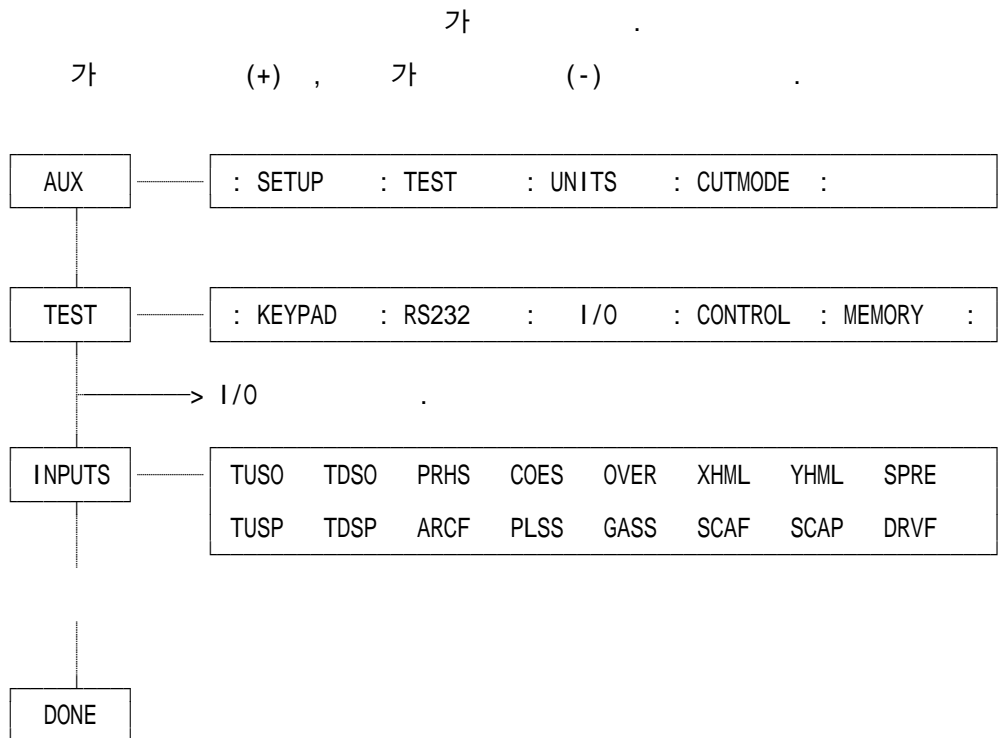
TOGGLE	toggle	8	8	PAUSE	pause
+	+	9	9	SPEED	speed increase
-	-	ENTER	enter	SPEED	speed decrease
.	.	CLEAR	cleal	MANUAL	manual
1	1	SHIFT	shift	TRACE/NC	trace/nc
2	2	DONE	done		left
3	3	CANCEL			right
4	4	OPTION	option		down
5	5	EDIT	edit		up
6	6	AUX	aux		
7	7	REMOTE	remote		



4-2. (CONTROL)



4-3. (INPUTS)

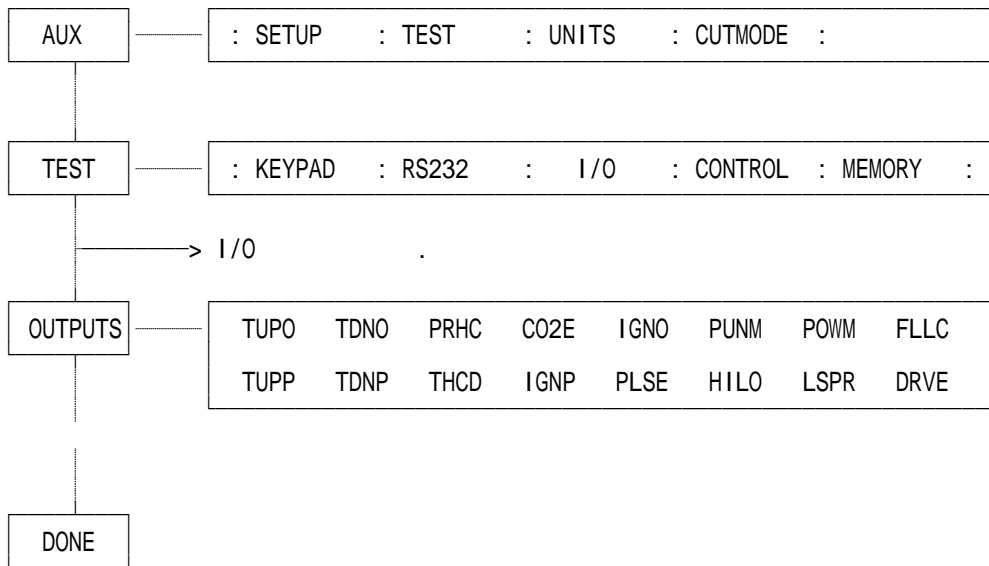


0	TUSO		4	OVER	ON PATTERN( )
1	TDSO		5	XHML	
2	PRHS		6	YHML	
3	COES		7	SPRE	

	TUSP			GASS	
	TDSP			SCAF	
	ARCF			SCAP	
	PLSS			DRVF	

4-4. (OUTPUTS)

가 (+) , 가 (-)



0	TUPO		4	IGNO	( )
1	TDNO		5	PUNM	
2	PRHC	(HIGH)	6	POWM	
3	CO2E		7	FLLC	FLOOD LAMP

SHIFT

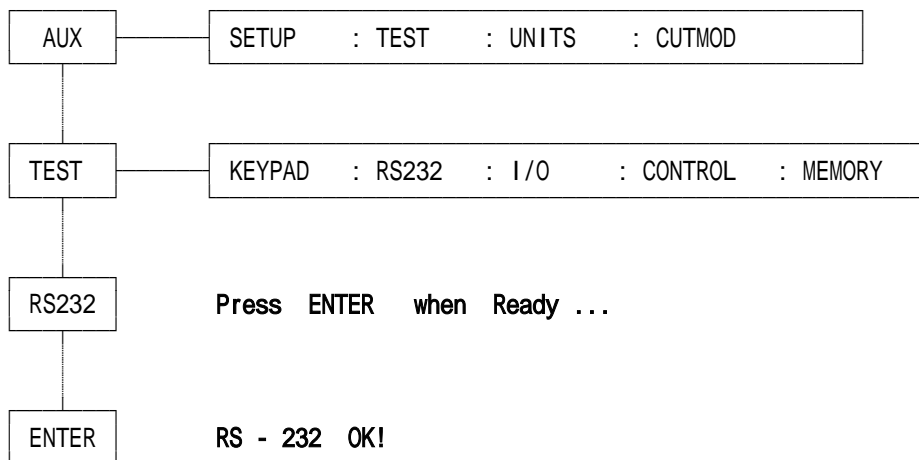
0	TUPP		4	PLSE	가
1	TDNP		5	HILO	/
2	THCD		6	LSPR	
3	IGNP		7	DRVE	가

DONE

4-5. RS232C

ASCII

RS-232C  
 , RS-232C 2 3

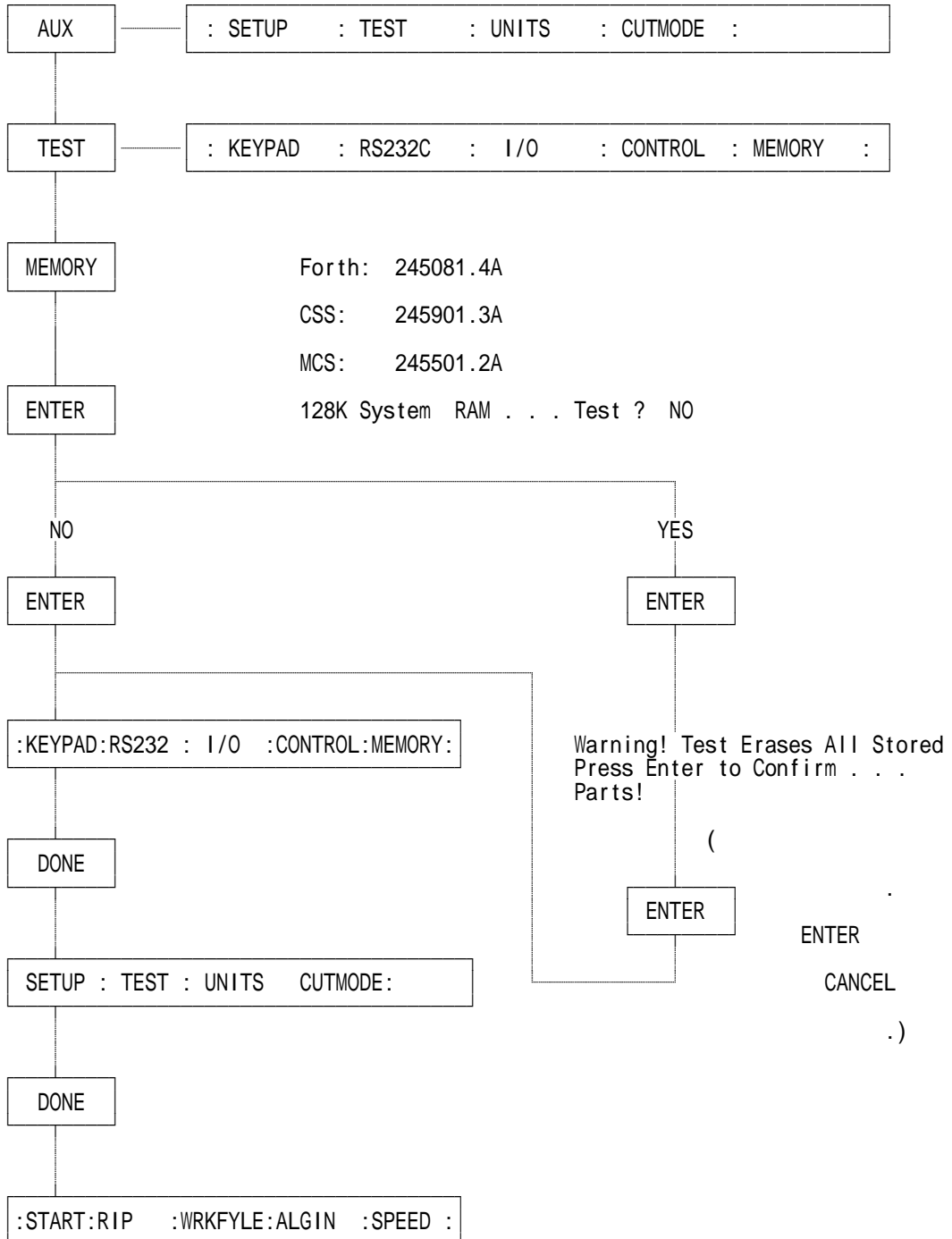


4-6. (MEMORY)

LYNX

가 ,

가



K. (REMOTE)

1.

(TAPE PUNCHER), (TAPE READER),  
(FLOPPY DISK DRIVE - FDD),  
DNC( )  
RS-232C .

1-1. RS-232C PORT      SHIELD    1  
                          R X D        2  
                          T X D        3  
                          COMMON      7

1-2.                    ISO-CODE      EIA-CODE  
(1).                    (DATA bit) : 7  
(2).                    (PARITY bit): . . . MARK. SPACE. .  
(3).                    (STOP bit) : 1      2

1-3.                    (BAUD RATE) 300, 1200, 2400, 4800, 9600, 19200(bit/sec)

1-4. DC                    DC1 TAPE READER      ON  
                          DC2 TAPE PUNCHER     ON  
                          DC3 TAPE READER      OFF  
                          DC4 TAPE PUNCHER     OFF

REMOTE

: UPLOAD    : DNLOAD    :            : PUNCH    : READTAPE

PUNCH      :

READ TAPE :

2.

(READ TAPE)

(TAPE READER) ON

(READ) ON

REMOTE : UPLOAD : DNLOAD : : PUNCH : READTAPE

REDA TAPE KERF WIDTH ?

1.5

ENTER

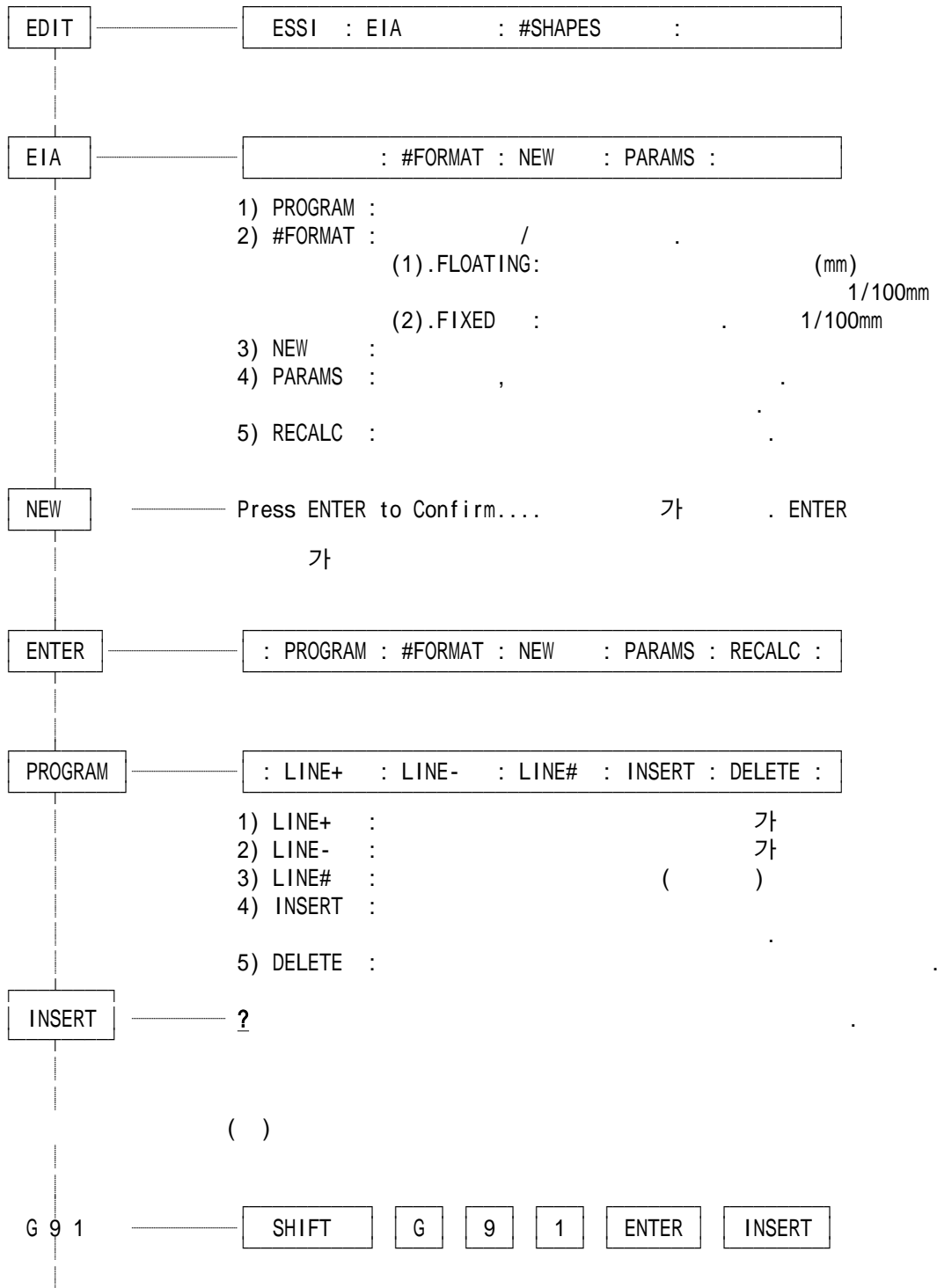


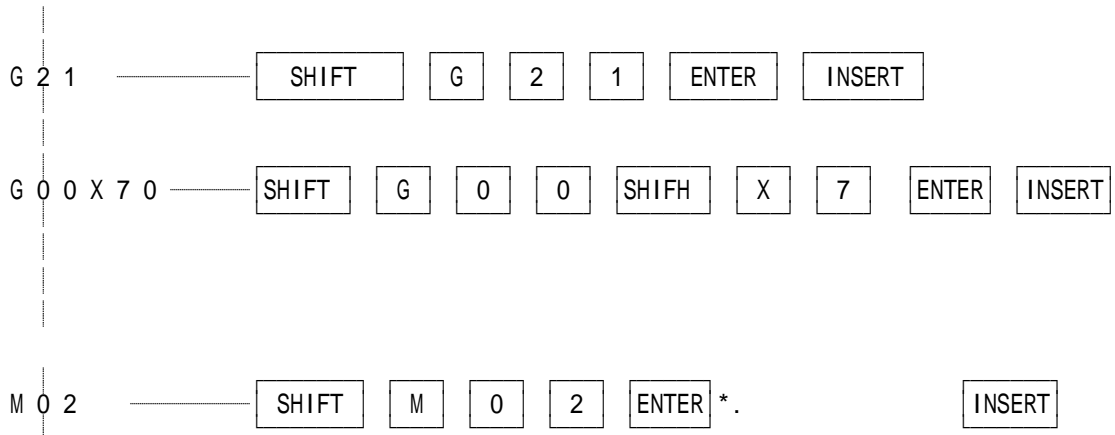
L. M D I(Manual Data Input- )

LYNX

EIA  
가

가





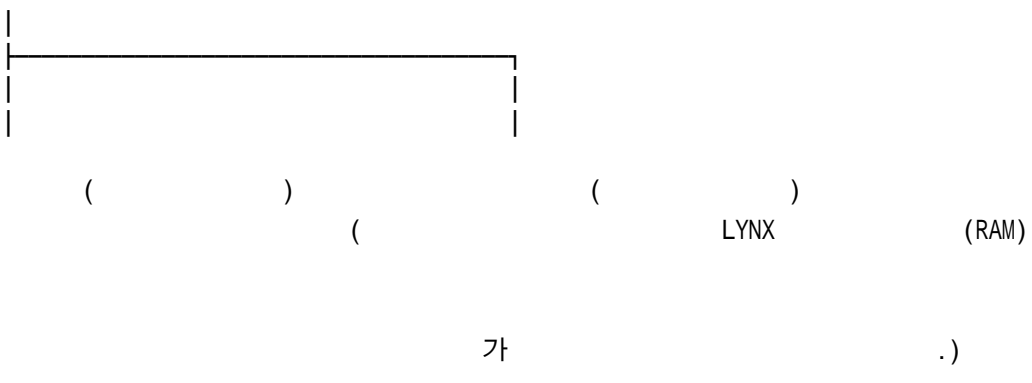
DONE ———— : PROGRAM : #FORMAT : NEW : PARAMS : RECALC :

PARAMS ———— CUT SPEED? ( )

5 0 0 [ENTER] ———— KERF WIDTH ? ( )

1 . 5 [EMTER]

DONE





M.

1.

EIA RS-274D WORD ADDRESS

\*.LYNX - (MD1)  
 \*.RS-232C PORT (DNC), / (PTR,PTP),  
 (FDD) 가 .

2.

LYNX WORD ADDRESS(可變言語)

F	.	: mm/min
G	.	( :G00)
I	X	: 99,999.99mm
J	Y	: 99,999.99mm
M		( :M07)
N		4 (0 - 9999)
X	X	: 99,999.99mm
Y	Y	: 99,999.99mm
%		
+		(+)
-		(-)
(	가	
)	가	
.		
L F	( )	
C R		
S P		

3.

EIA RS-274D  
 .EOB(End Of Record) (BLOCK) (LINE FEED- )  
 .CR(Carriage Return) D6-B  
 .EIA RS-274D

: N4 G2 X5.2 Y5.2 I5.2 J5.2 F5 M2

가

.X,Y,I,J +,-

.X,Y,I,J

言語 番地( )

.G M 2

2

4.

1/100mm .( , X+1234=X+ 12.34mm .)  
 2 , 5 가  
 5 .( , F30000 = 3000 mm/min)  
 (DWELL) 2 , 1  
 ( , X1.25 = 1.25 )

5. (BLOCK NUMBER)

.EIA 가  
 4 .(N0 - N9999)

6. (挿入文)

가  
 가 1 32

7.

7-1. ( G- )

G 0 0			
G 0 1			
G 0 2		( )	,
G 0 3		( )	,
G 0 4		(DWELL)	G04 X2 (X2 - 2 )
G 2 0			
G 2 1	■	METRIC(mm)	mm
G 4 0	■		
G 4 1			
G 4 2			
G 8 2	■	가	
G 8 4			
G 9 0			
G 9 1			
G 9 2			

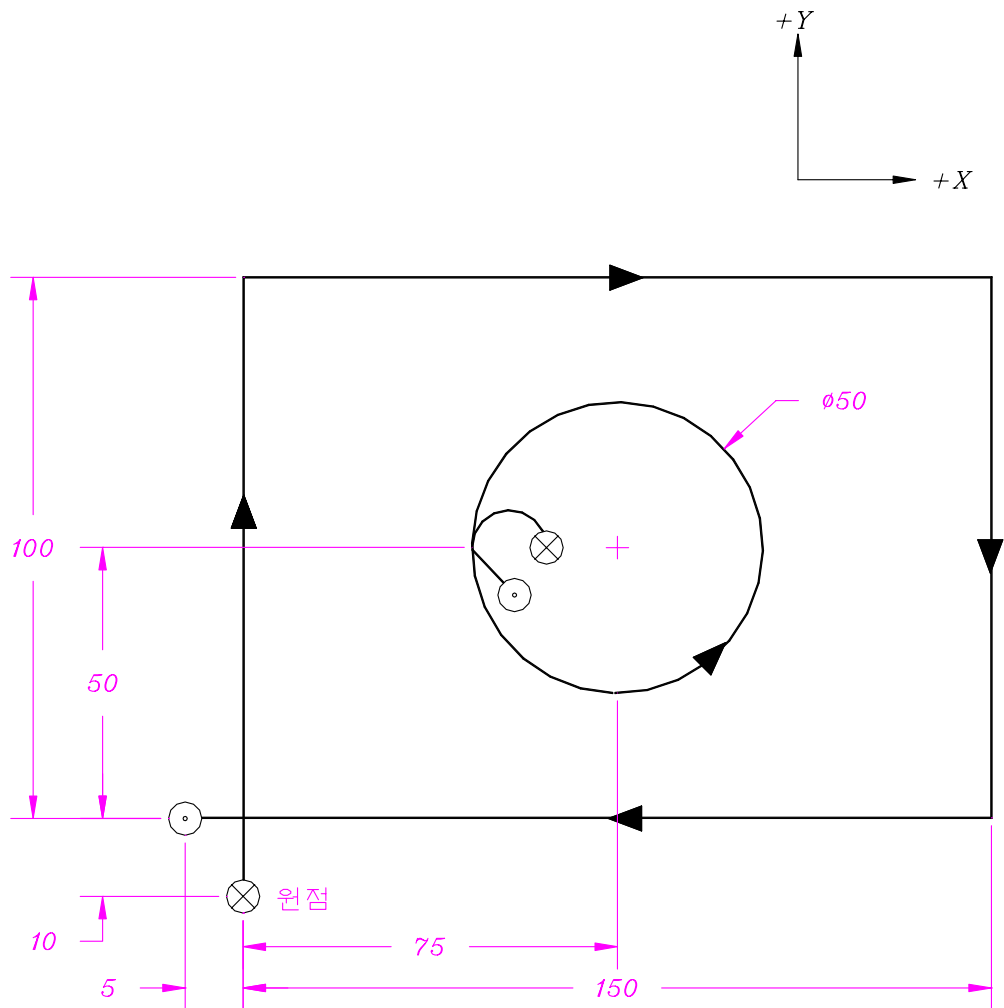
NOTE : ( ■ )

7-2. (M- )

M 0 0			.
M 0 1		OPTIONAL	
M 0 2			.
M 0 7	가	ON	
M 0 8	가	OFF	
M 0 9		ON	
M 1 0		OFF	
M 1 1		ON	

M 1 2	OFF	
M 1 5	ON	
M 1 6	OFF	
M 3 0	RESET & REWIND	&
M 3 1		
M 6 5		

8.



8-1. ( -FLOATING)

G21 \* \_\_\_\_\_ (mm)

G91 \* \_\_\_\_\_

G00X70.Y50. \* \_\_\_\_\_ ( - )

G41 \* \_\_\_\_\_

F500 \* \_\_\_\_\_ (500 mm/min)

M07 \* \_\_\_\_\_

G03X-20.I-10. \* \_\_\_\_\_ (LEAD IN)

G03I25. \* \_\_\_\_\_

G03X10.Y-10.I10. \* \_\_\_\_\_ LEAD OUT

M08 \* \_\_\_\_\_

G40 \* \_\_\_\_\_ OFF

G00X-60.Y-50. \* \_\_\_\_\_

G41 \* \_\_\_\_\_ ON

M07 \* \_\_\_\_\_

G01Y110. \* \_\_\_\_\_

G01X150. \* \_\_\_\_\_

G01Y-100. \* \_\_\_\_\_

G01X-155. \* \_\_\_\_\_

M08 \* \_\_\_\_\_

G40 \* \_\_\_\_\_ OFF

M02 \* \_\_\_\_\_

8-2. ( -FIXED)

G21 \*

G90 \* \_\_\_\_\_

G92X0Y0 \* \_\_\_\_\_

G00X7000Y5000 \*

G41 \*

F500 \*

M07 \* NOTE 1. 1/100 mm

G03X5000Y6000I-1000J0 \* 2. I J

G03X5000Y6000I2500J0 \* (EDIT - EIA - #FORMAT

G03X6000Y4000I1000J0 \* I&J Codes in Abs. Mode ? INCREMENTAL

M08 \*

G40 \*

G00X0Y0 \*

G41 \*

M07 \*

G01X0Y11000 \*

G01X15000Y11000 \*

G01X15000Y10000 \*

G01X-500Y1000 \*

M08 \*

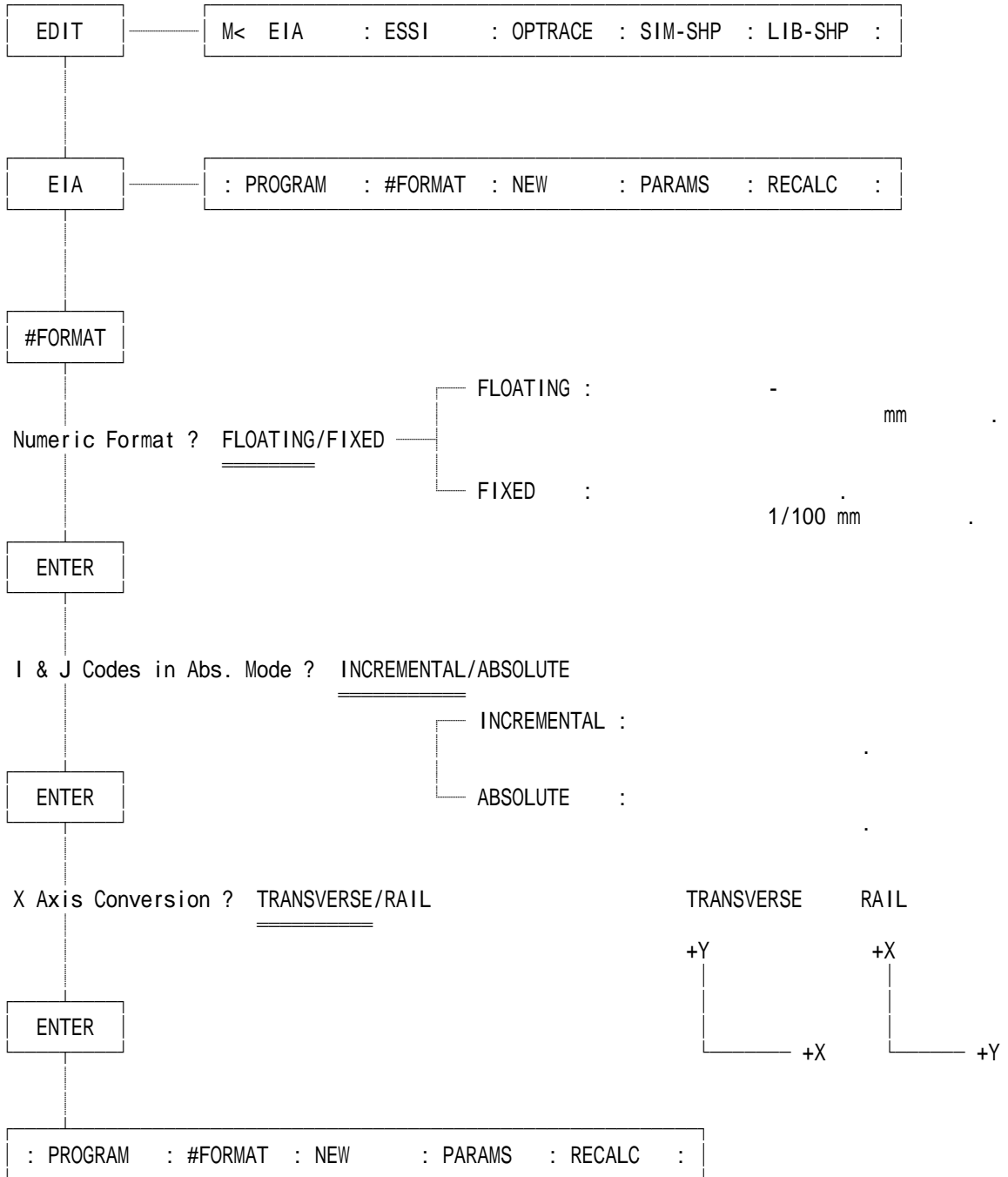
G40 \*

M02 \*

N. EDIT

EDIT

1. #FORMAT



## O . ERROR MESSAGE LIST( )

01	Communications error :framing	RS-232C AUX/SETUP/LINK LYNX
02	Communications error :memory over flow	LYNX
03	Communications error :parity	RS-232C 가 가 AUX/SETUP/LINK
04	Communications error :time out	RS-232C 가 AUX/SETUP/LINK
05	Limit Switch Trip!!!	CUT, MANUAL, GOTO RIP X Y 가 NC OVERRIDE LYNX
06	Lost Cut!!!	LYNX 가 가 가 OFF Cut Recovery
07	Part Error #_____	
08	Trace Overflow	LYNX 가 OFF 가 ON 500 mm/
09	Memory Error at Location_____!!!	Full Memory Test
10	Motion System Fault!	X Y Error Tolerance AUX/SETUP/MACHINE
11	Rotation Fault!!!	(OPTION) Error Tolerance

12	Checksum Bad! Press Any Key...	LYNX ON
13	EEPROM Detected!!!	EEPROM , .( ) OFF
14	***>Warning Control Too Hot!<***	LYNX 가 65 LYNX
15	Illegal Geometry!!!	가
16	Invalid Part in Memory!!!	CUT, TRIAL, PUNCH, UPLOAD , 가
17	Too Many Charactor!!	AUX/SETUP/LINK "Download mem capacity as %"