

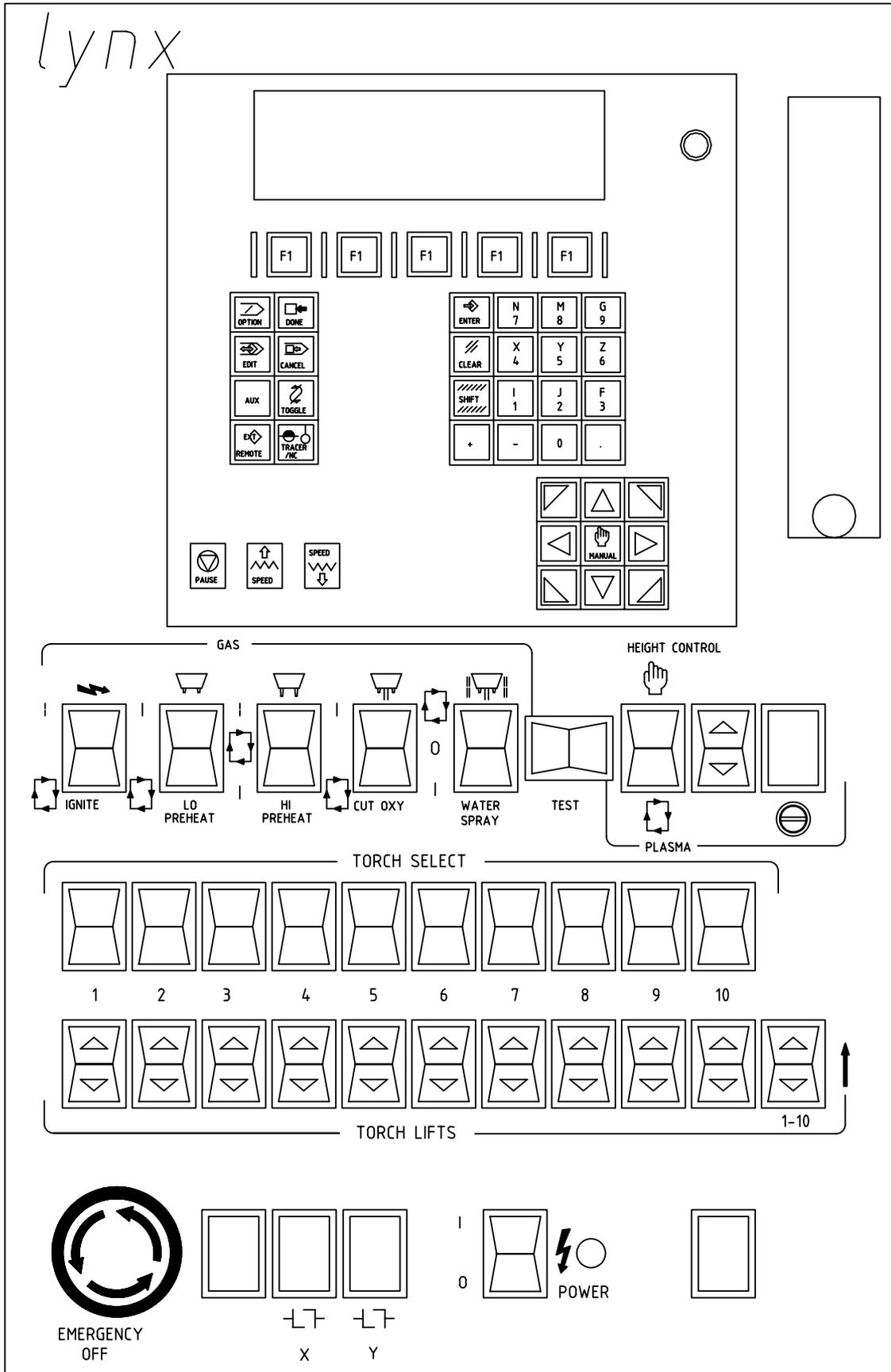
LYNX (D9)

KOIKE KOREA ENGINEERING Co., Ltd.

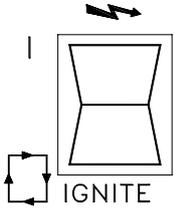
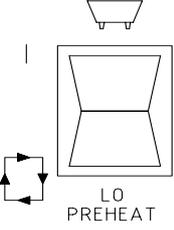
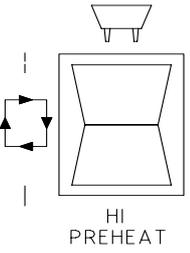
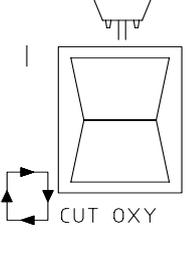
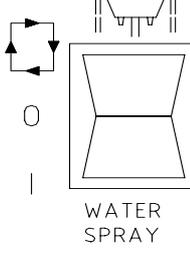
A. LYNX	4
B. LYNX	5 - 6
C. LYNX	
1.	7
2. LYNX	8
D.	9
E.	
1.	10 - 11
2.	12
3.	13
F. ()	14
1.	15
2. 33가	16 - 51
3.	52 - 54
G. OPTION	
1. (MIRROR)	55
2. (ROTATE)	56
3. / (SCALE)	56
4. (REPEAT)	
4-1.	57
4-2.	57 - 62
H. (WORKFILE)	64
1. (STORE)	65
2. (LOAD)	65
3. (ERASE)	66
4. (#FILES)	66
5. (MEM USE)	67
I.	
1. RIP ()	68
2. ALIGNMENT ()	69 - 70
3. CUT ()	
3-1.	71
3-2.	71
3-2-1. 가	72
3-2-2. OPTIONS ()	
3-2-2-1.	73
3-2-2-2.	74
3-2-2-3.	75
3-2-2-4.	76 - 77

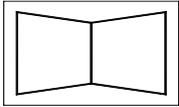
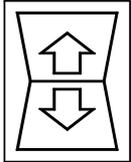
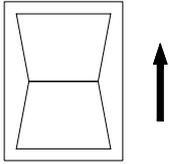
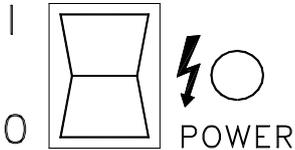
J.	(AUX)	
1.	UNITS ()	78
2.	CUT MODE ()	78 - 79
	2-1. 가	79
	2-1-1. 가	80
	2-2.	81
	2-2-1. ()	82
	2-2-2. ()	83
3.	(SETUP)	84 - 86
4.	(TEST)	
	4-1. (KEYPAD)	87
	4-2. (CONTROL)	88
	4-3. (INPUTS)	88 - 89
	4-4. (OUTPUTS)	89 - 90
	4-5. RS - 232C	890
	4-65. (MEMORY)	91
K.	()	
	1.	92
	2.	93
L.	MDI (Manual Data Input)	94 - 95
M.		
	1.	96
	2.	96
	3.	97
	4.	97
	5.	97
	6.	98
	7.	
	7-1. (G-)	98
	7-2. (M-)	98
	8.	99 - 100
N.	EDIT	101
O.		102 - 103

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>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

()

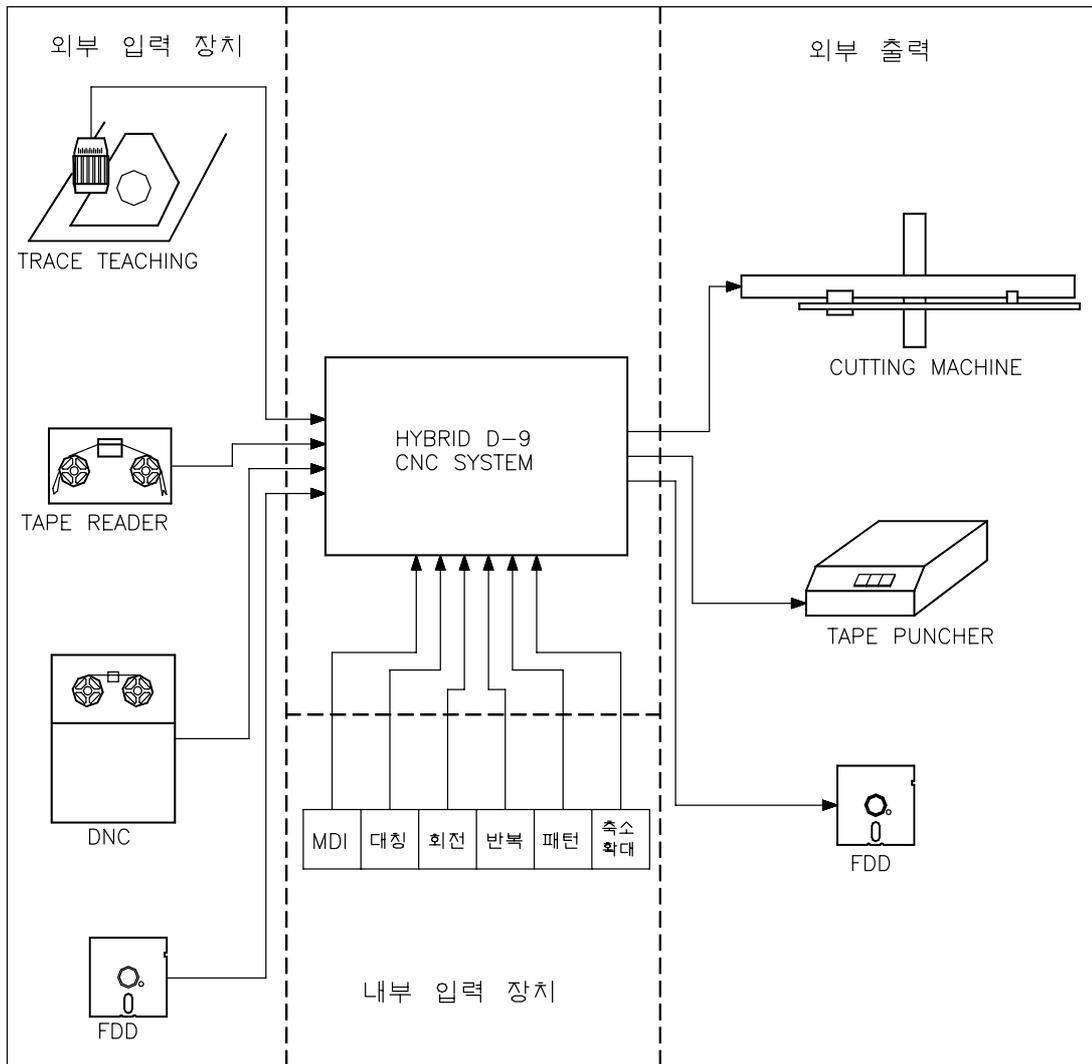
UP LOAD : DOWN LOAD : DISK : PUNCH : READ TAPE

- 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

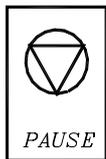
F 4

F 5

()

6).

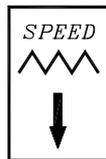
가



PAUSE



SPEED



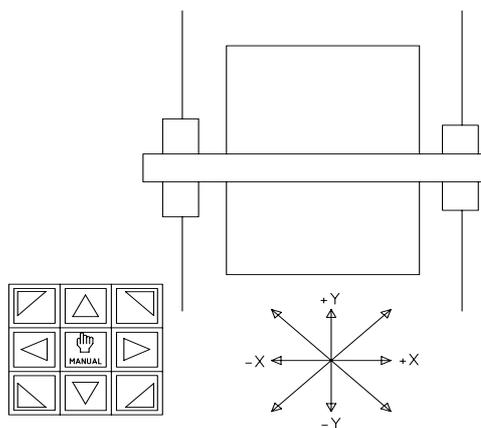
SPEED

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)

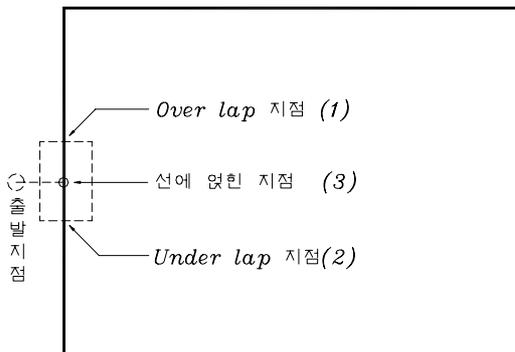
Over lap () 가

Under lap () 가

Over lap (+)

(, +3.5), Under lap (-)

mm .(, -3.5)



(+) (1)

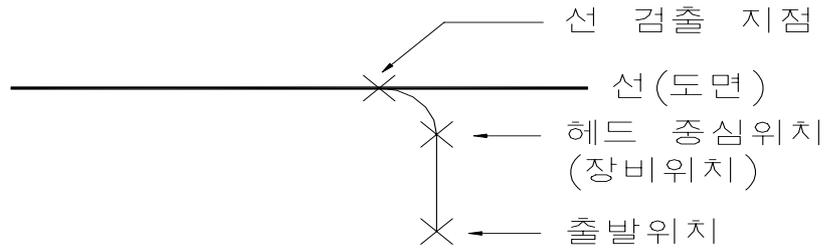
(-) (2)

OFF (3)

4).

(TRACING MIRROR LEAD LENGTH)

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

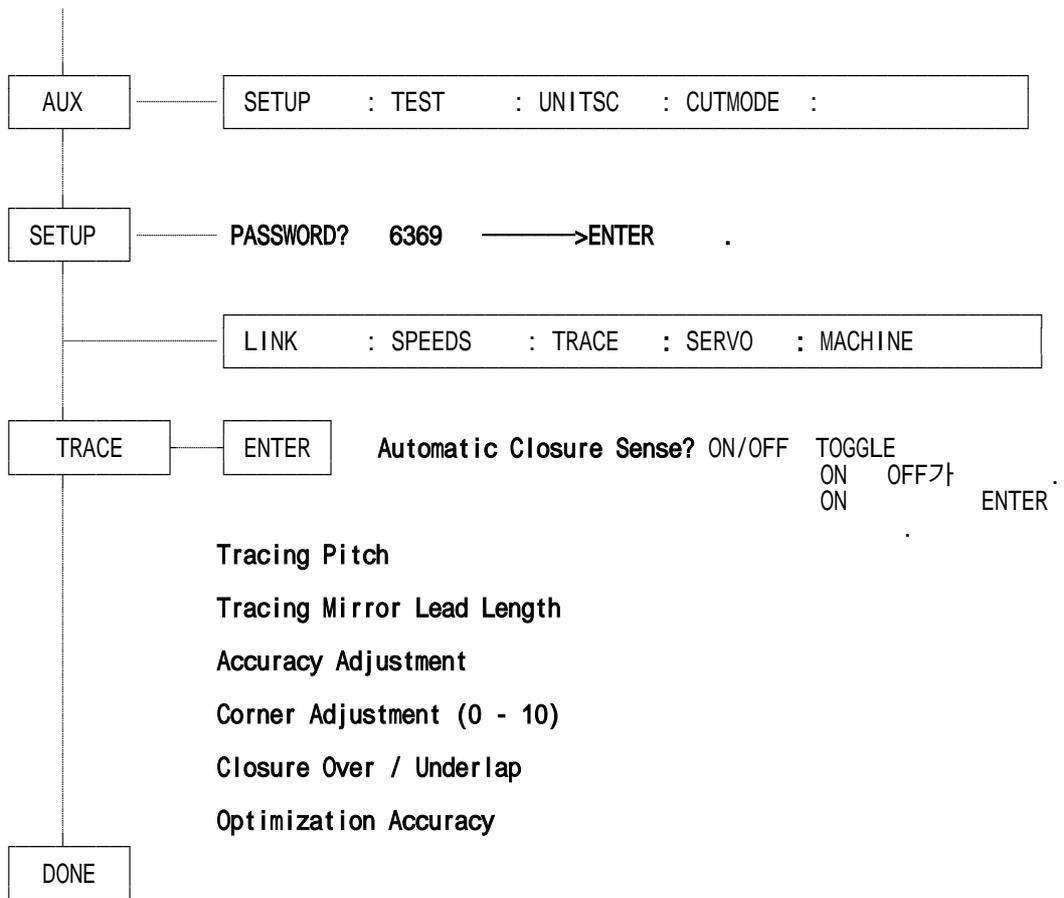


HL (LEAD) 3MM X-
 3MM
 X-
 4.5MM 가
 500MM/MIN 0.5
 1

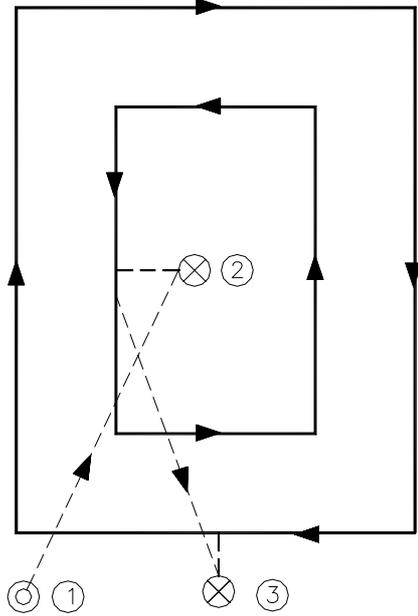
5). (Accuracy Adjustment)

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

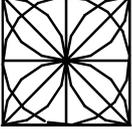
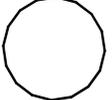
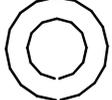
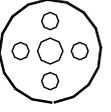
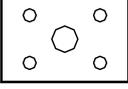
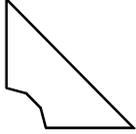
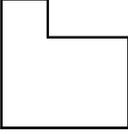
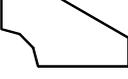
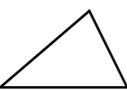
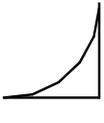
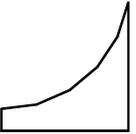
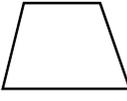
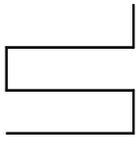
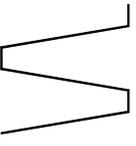
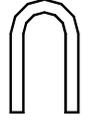
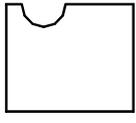
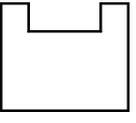
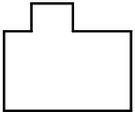
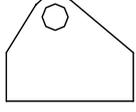
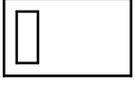
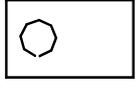
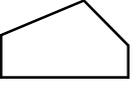
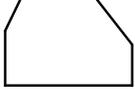
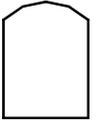
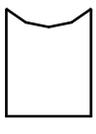
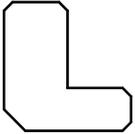
(YES)

(WORKFILE)

F.

()

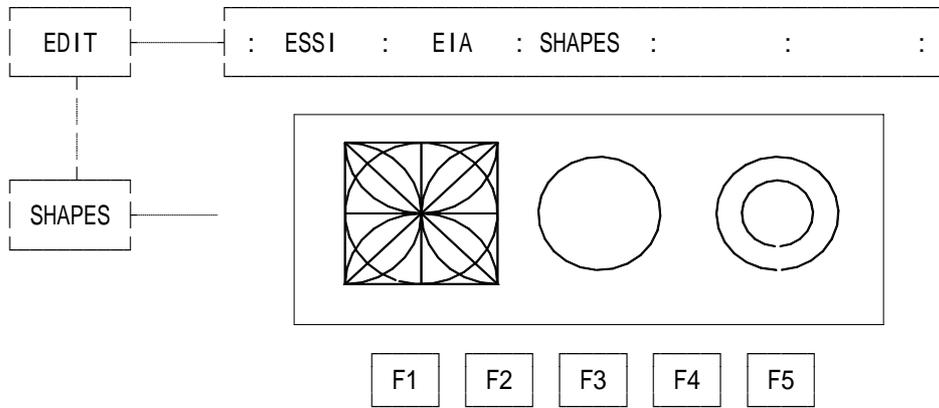
SHAPE LIBRARY (33 PATTERN)

		
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

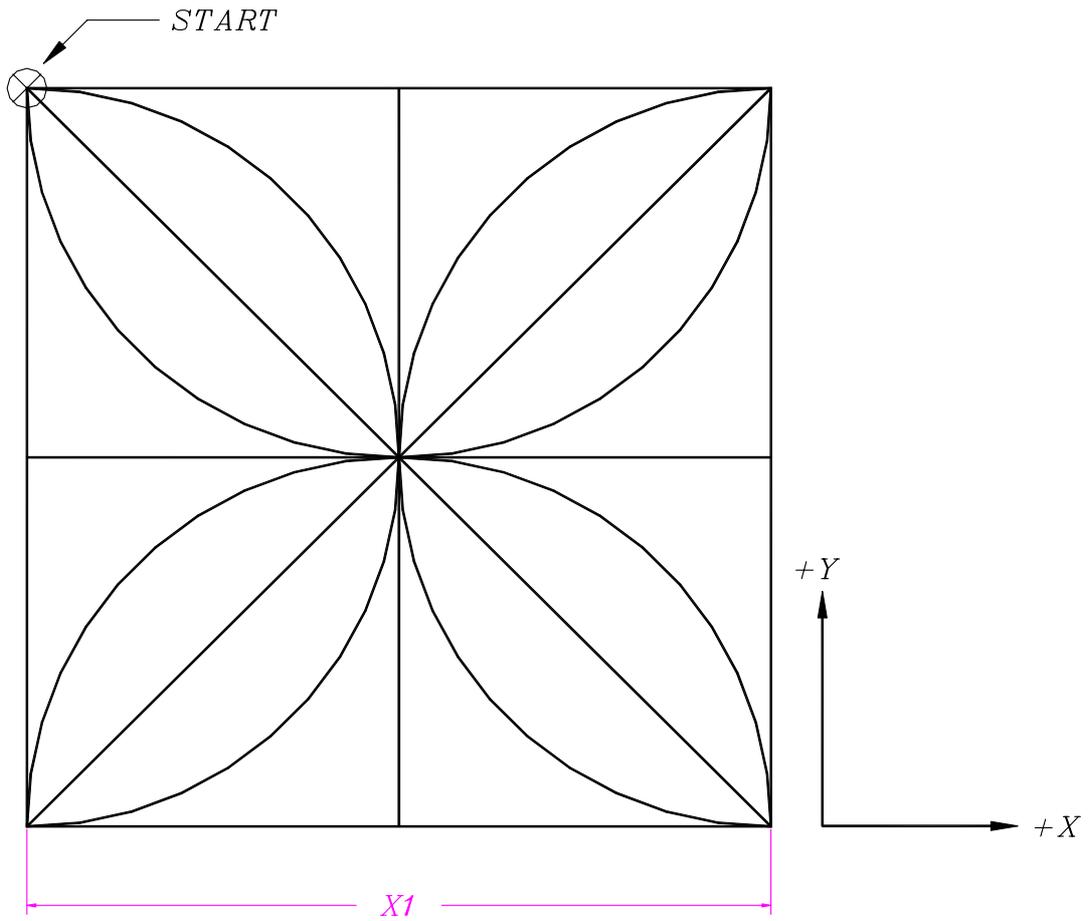
)

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

2. 33가

: 1

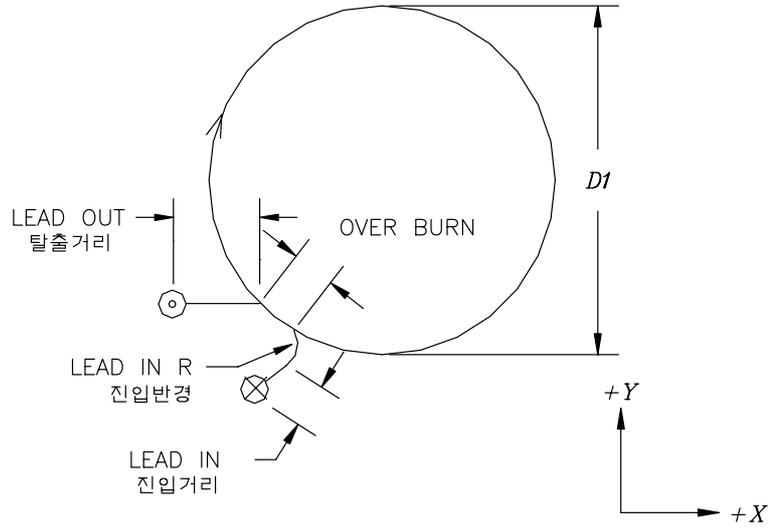
: (TEST PATTERN)



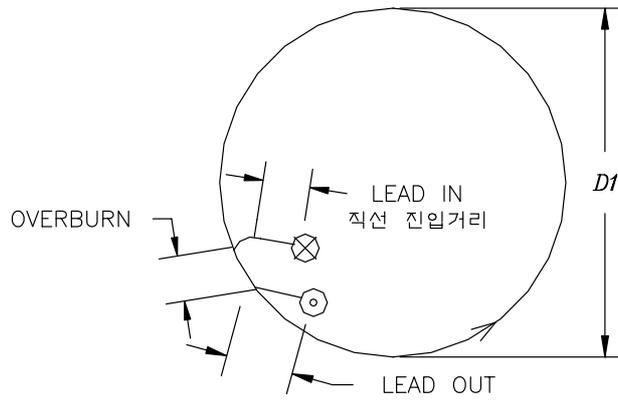
: 2

: (CIRCLE) 1).

(1).

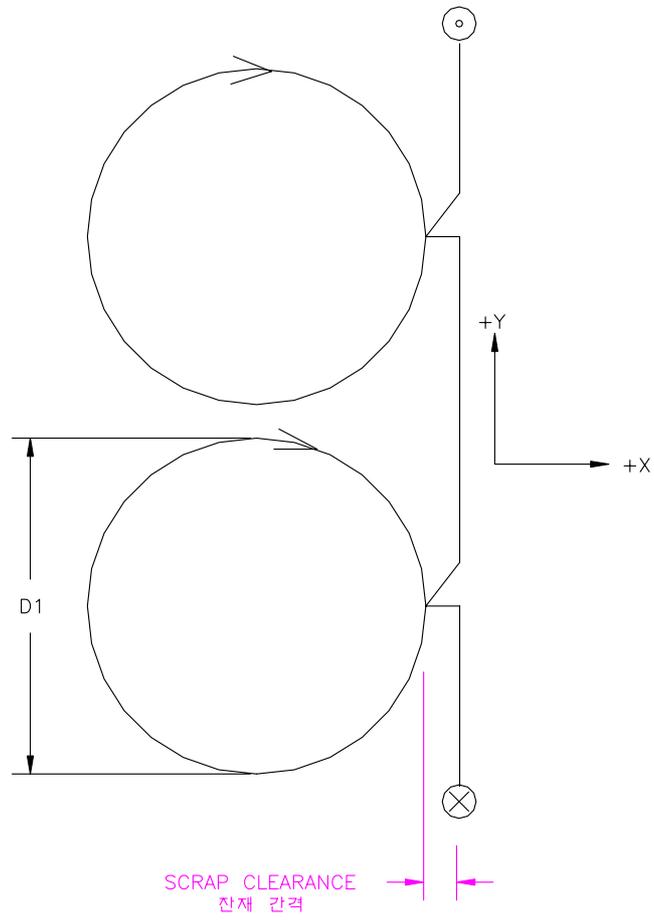


(2).



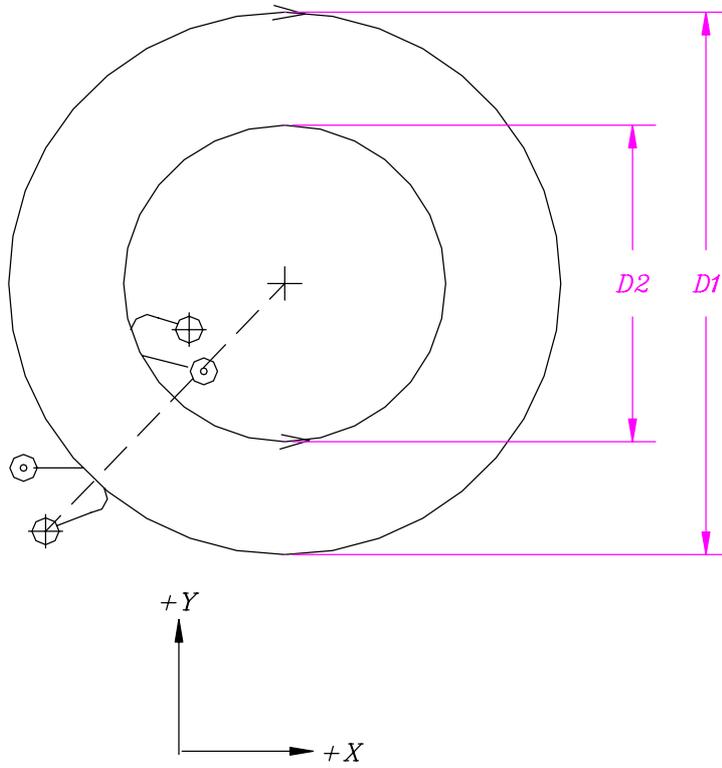
: 2

: (CIRCLE) 2).

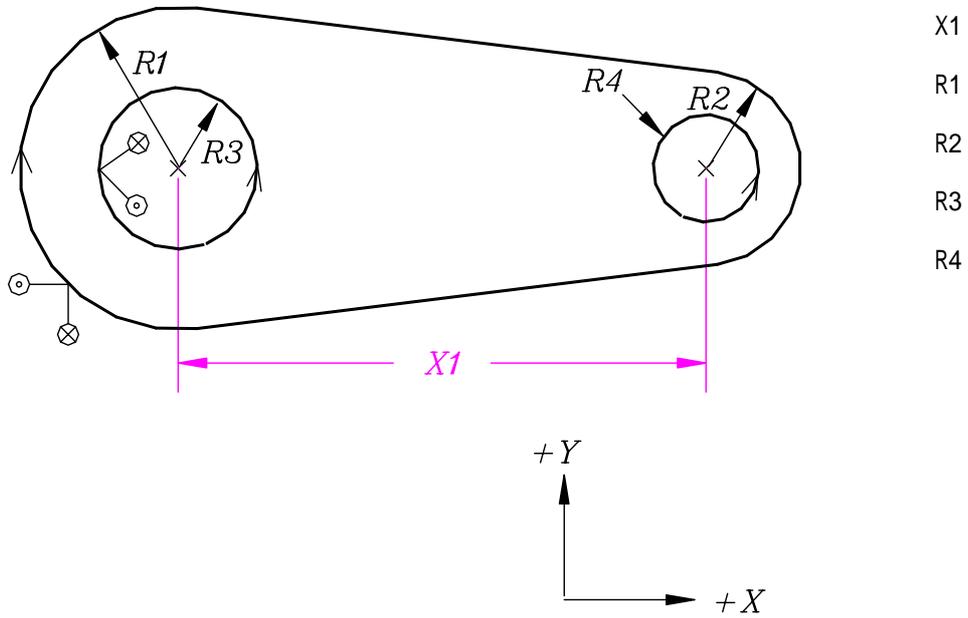


: 3

: (FLANGE)



: 5

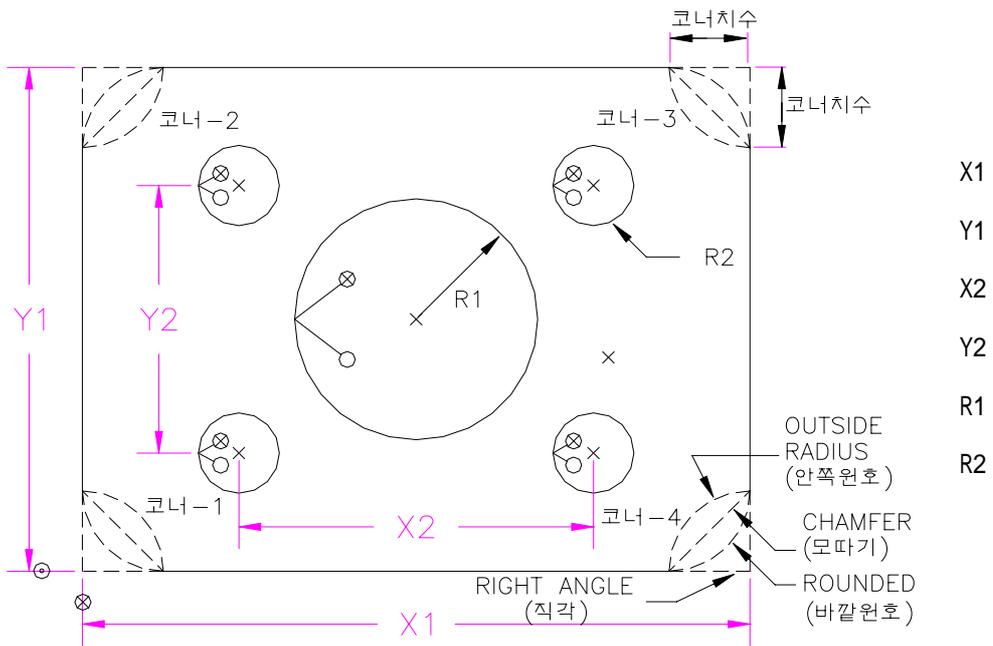


X1
R1
R2
R3
R4

$R3=R4=0$ 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

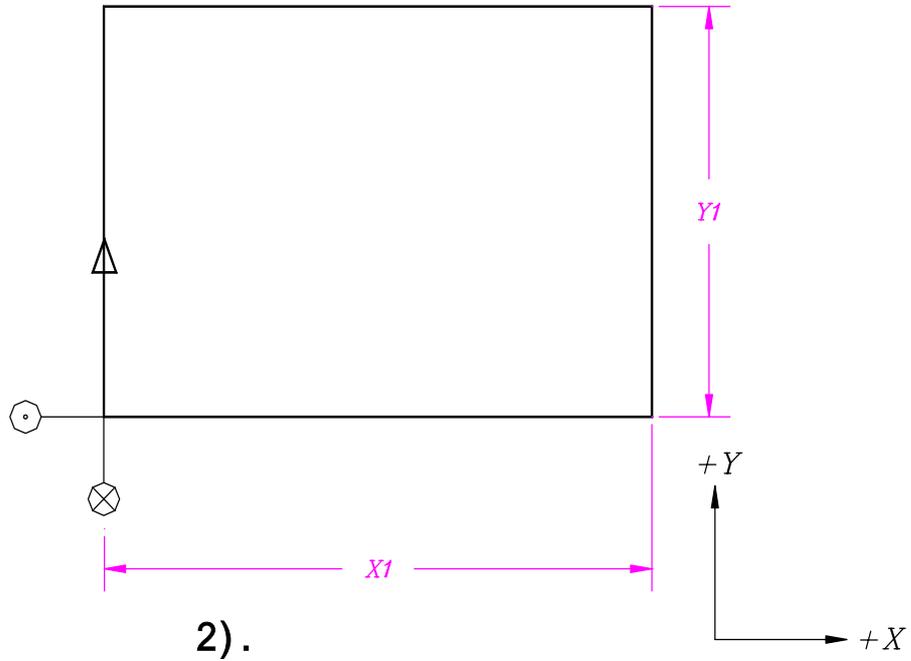
	모서리 수 - 1	모서리 수 - 2	모서리 수 - 3	모서리 수 - 4
CHAMFER (모따기)				
ROUNDED (바깥원호)				
OUTSIDR RADIUS (안쪽원호)				
RIGHT ANGLE (직각)				

: 7

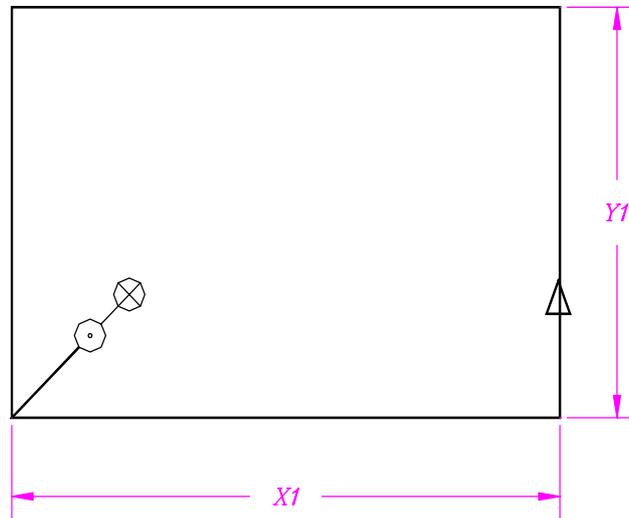
:

7-1.

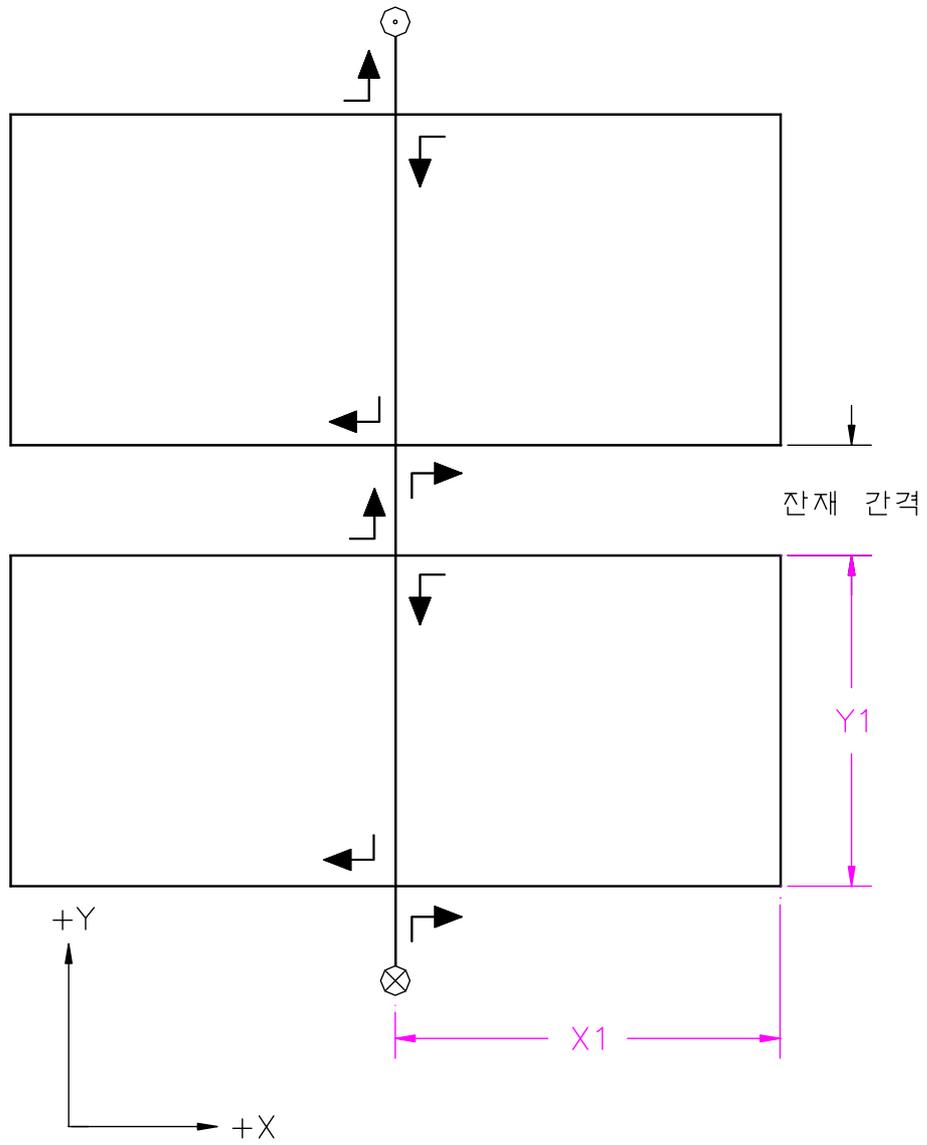
1).



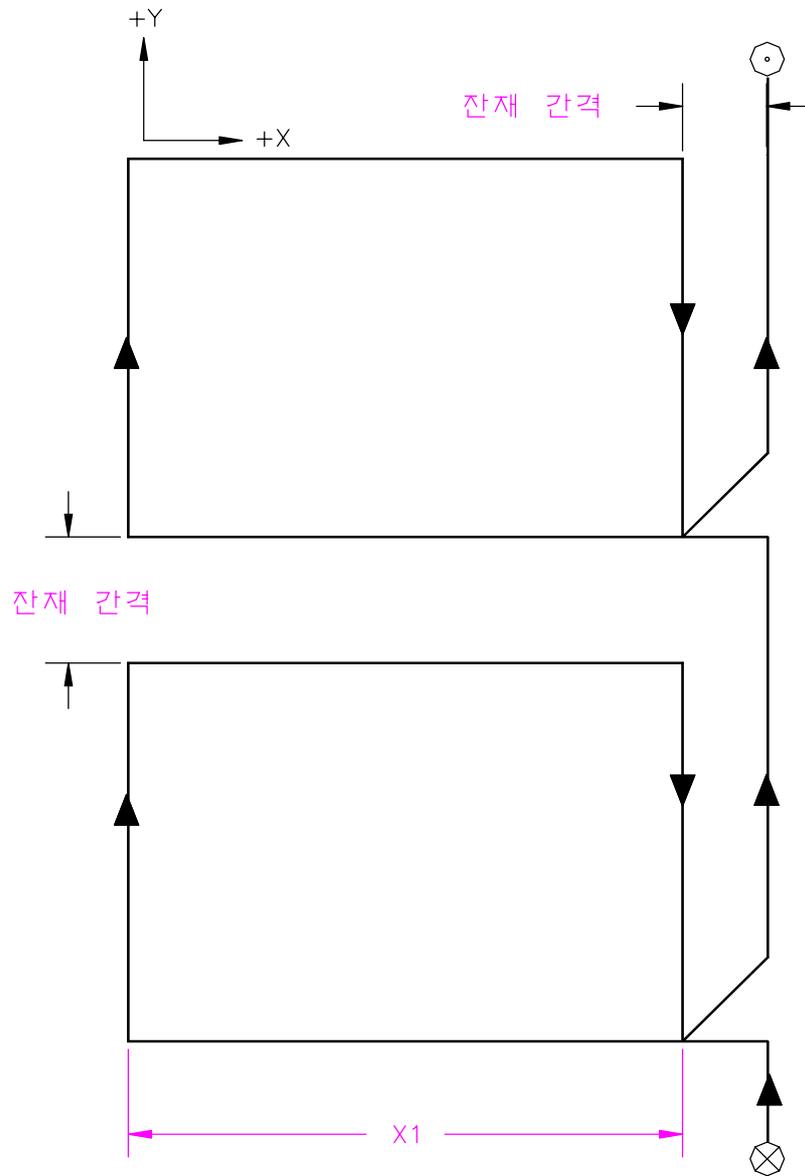
2).



7-2. 가

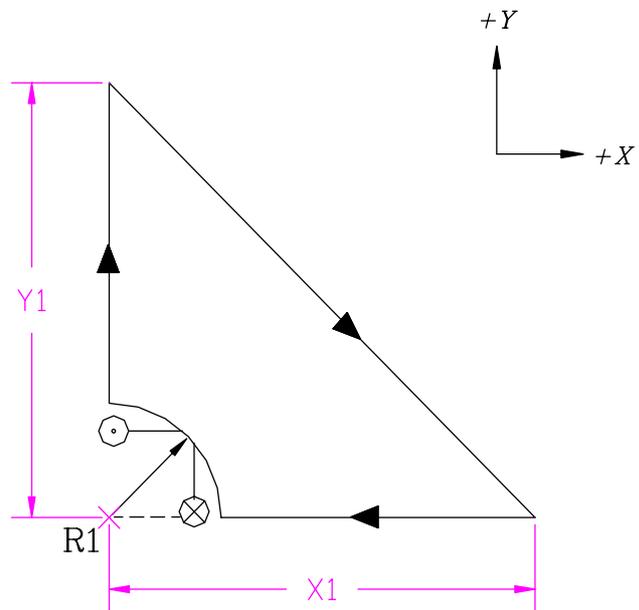


7-3.



: 8

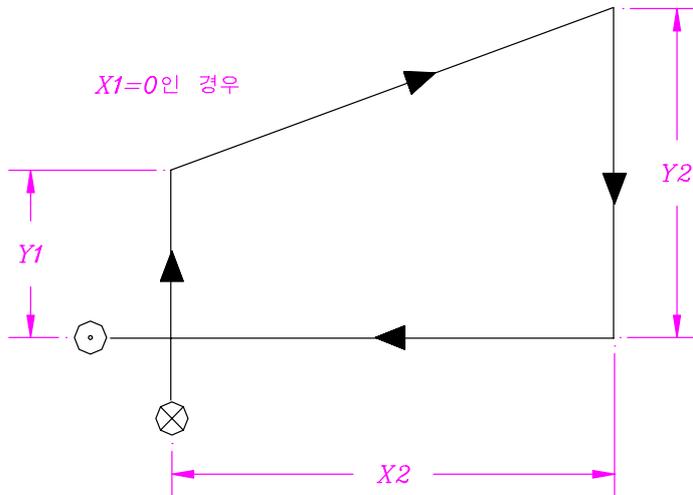
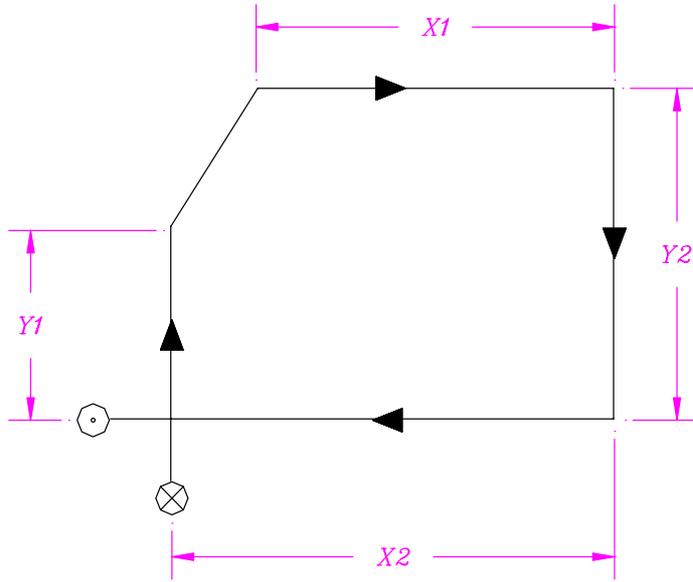
:



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

: 10

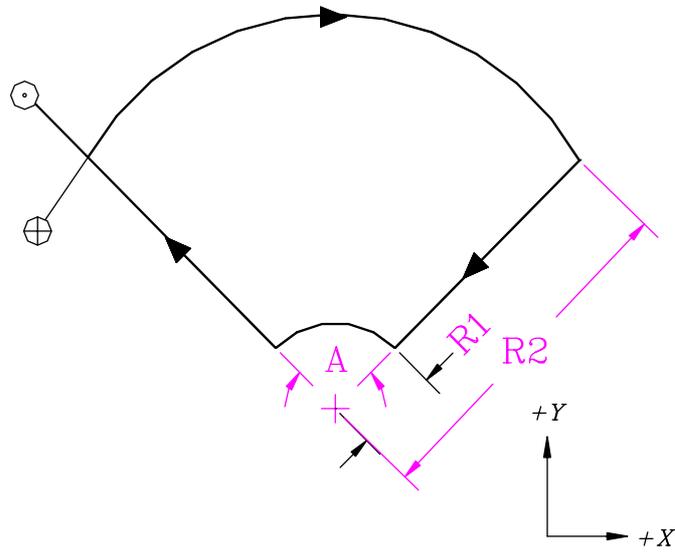
:



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

: 11

:



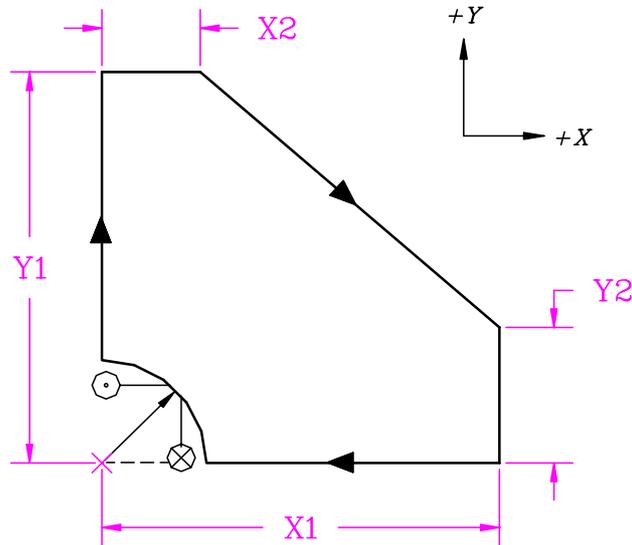
R1
R2
A

	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

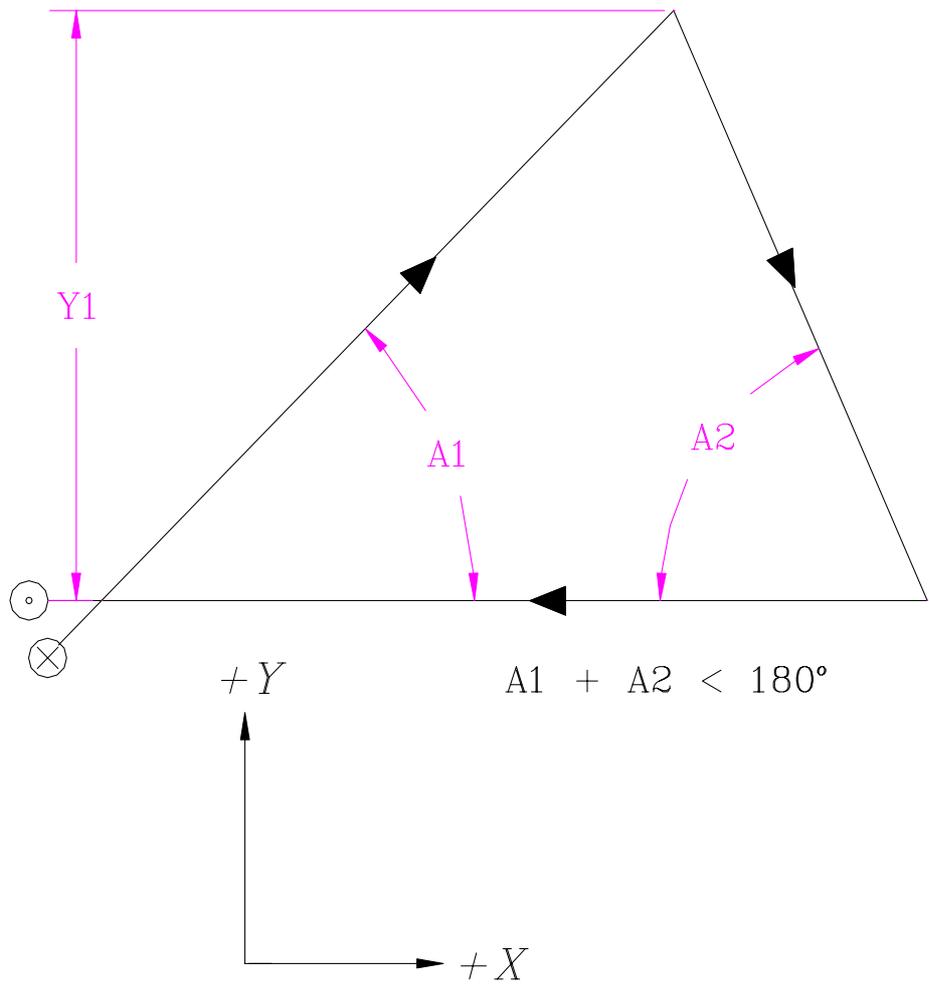
	$X2 = 0$	$Y2 = 0$	$X2=Y2=0$
$R1=0$			
$R1 \neq 0$			

) 1. R1

2. X2 Y2

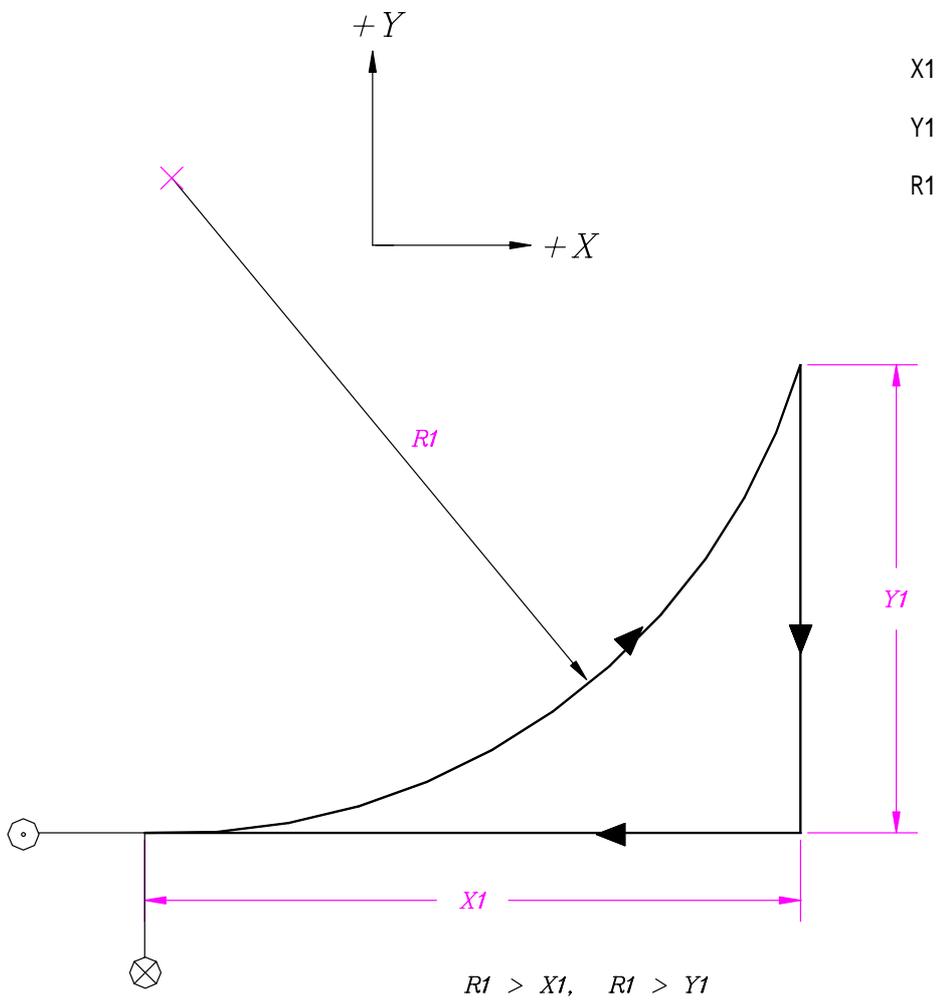
: 13

:

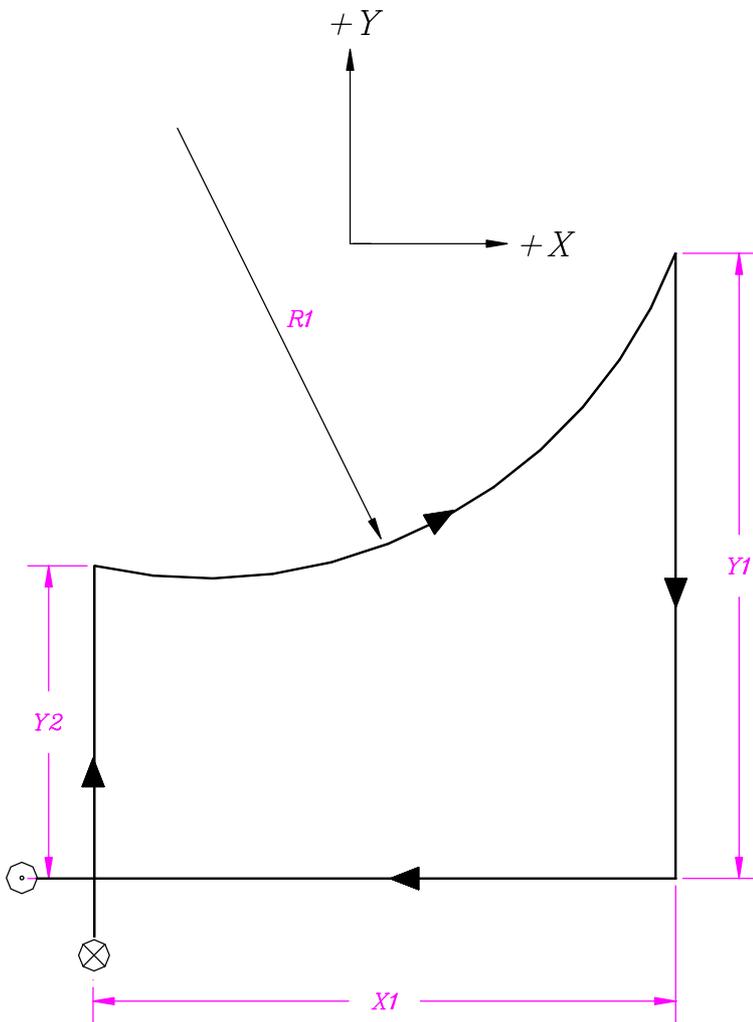


Y1
A1
A2

: 14



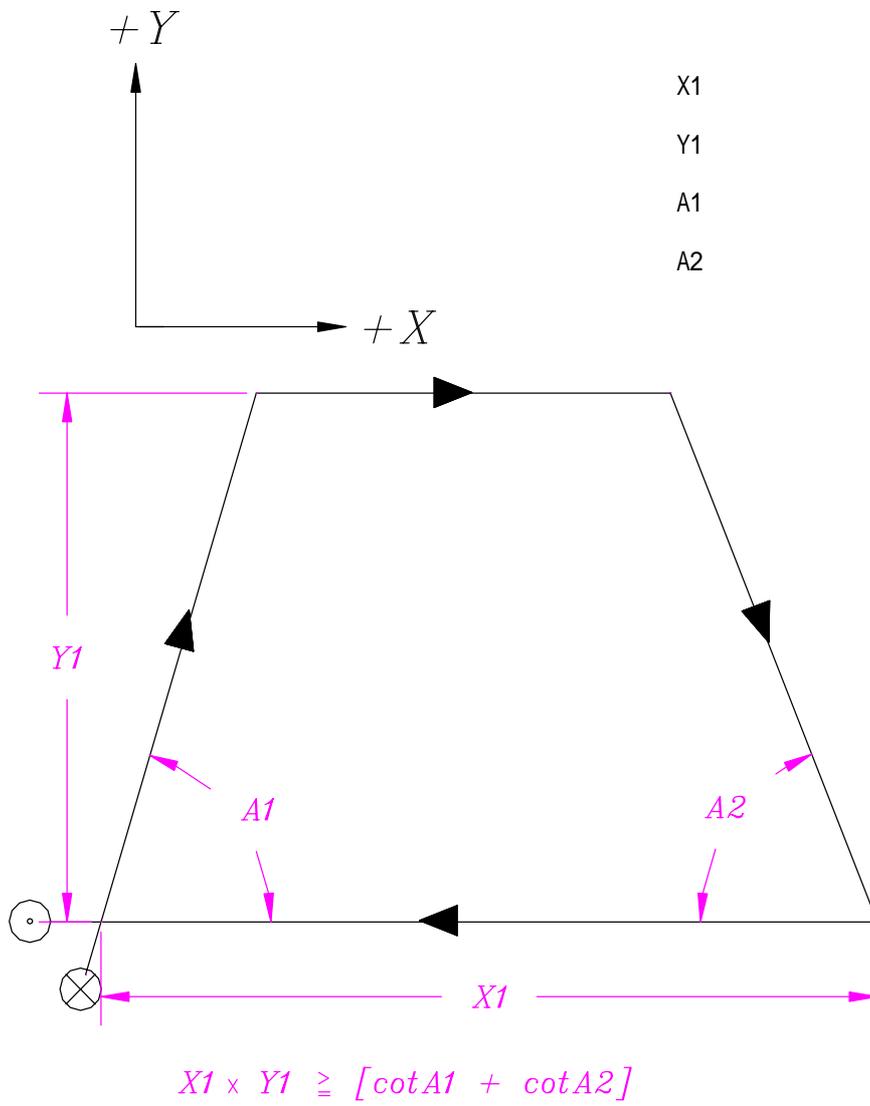
: 15



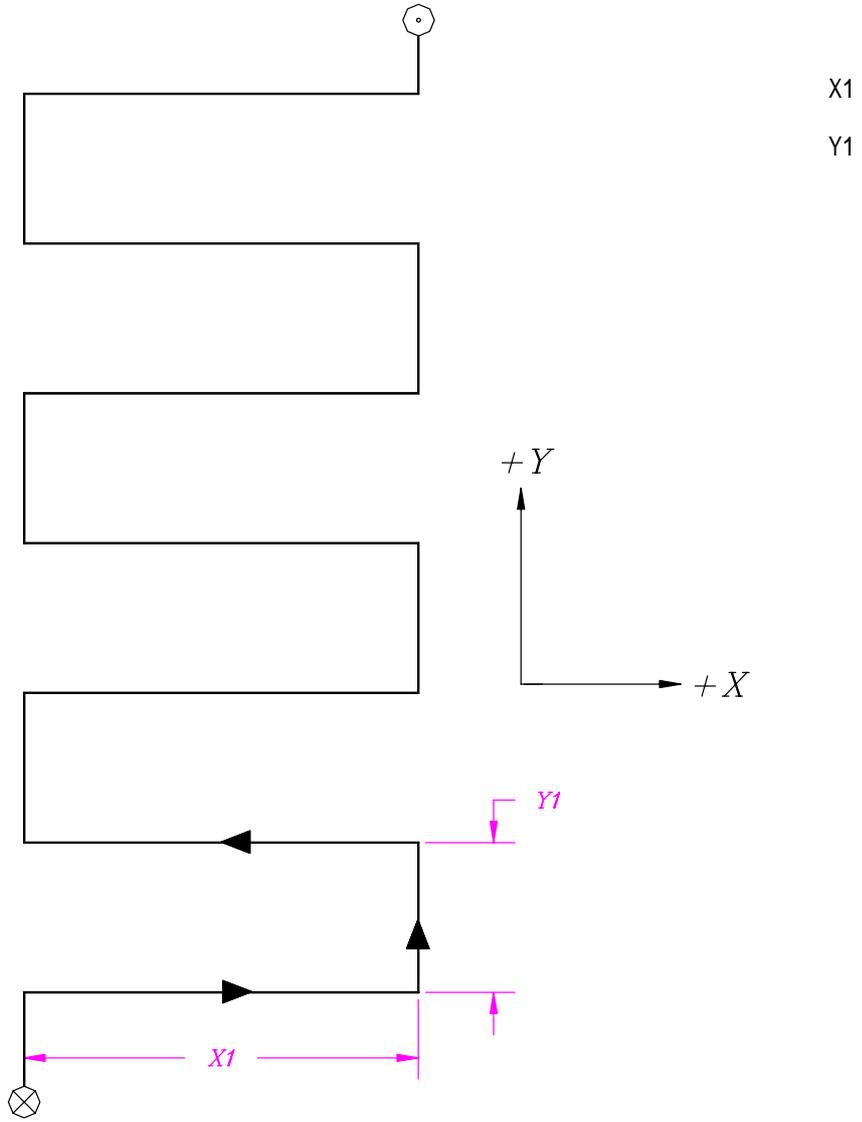
X1
Y1
Y2
R1

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

: 16

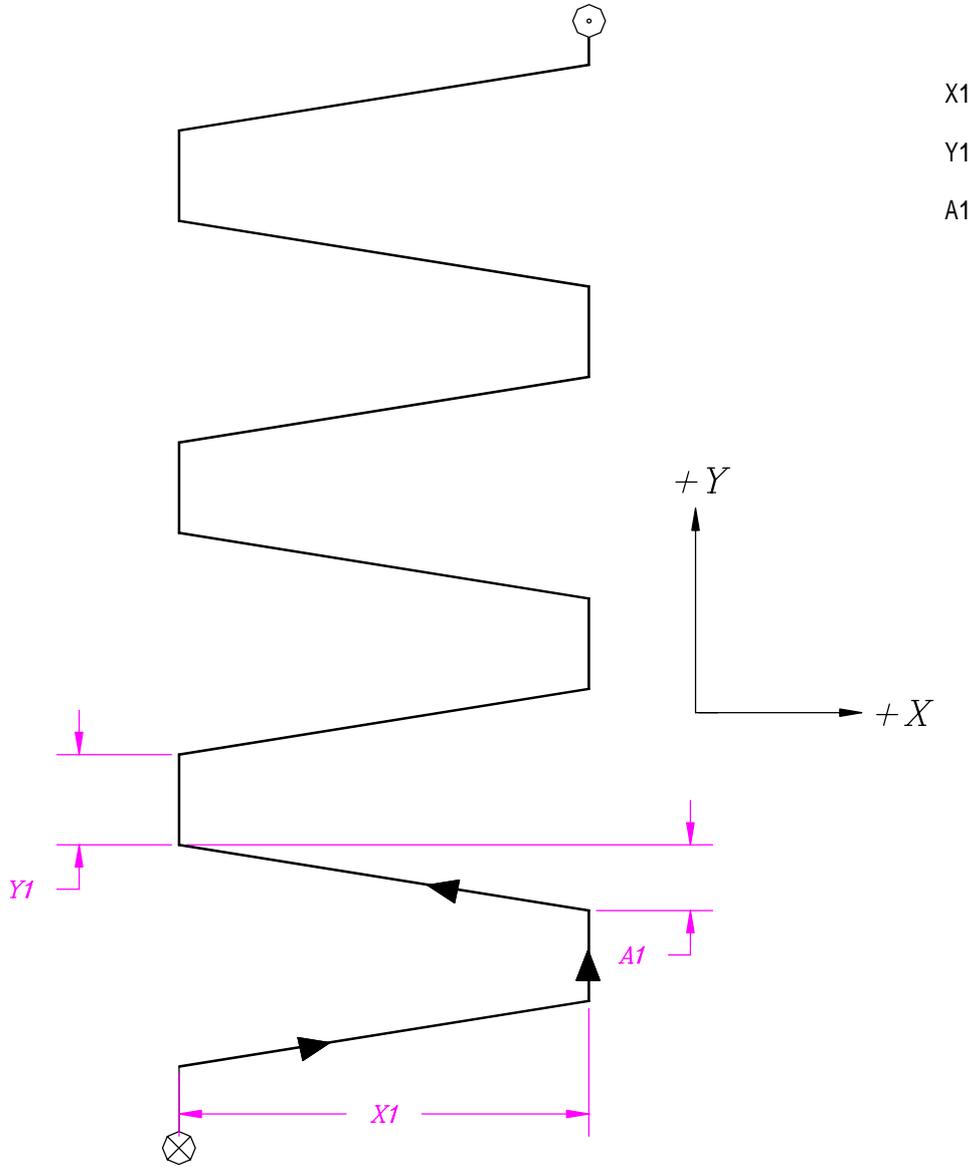


: 17

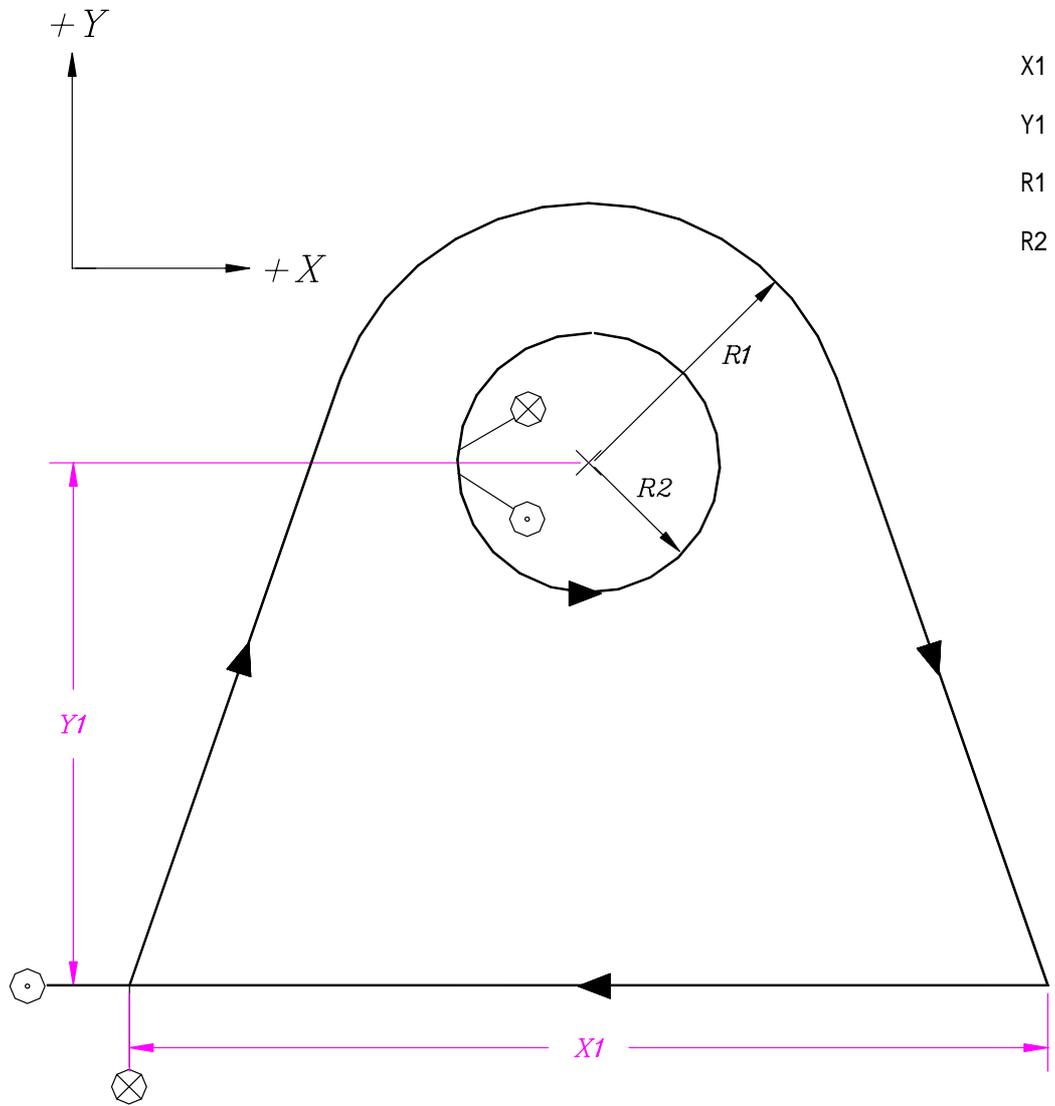


X1
Y1

: 18



: 19

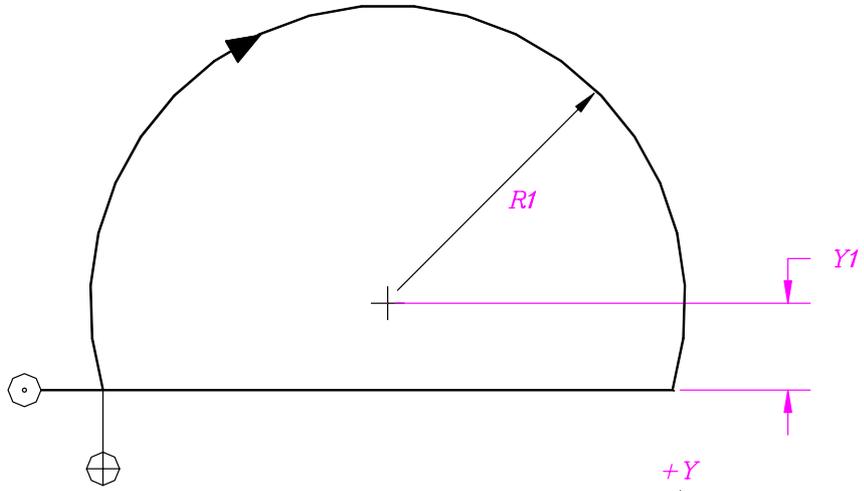


X1
Y1
R1
R2

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

: 20

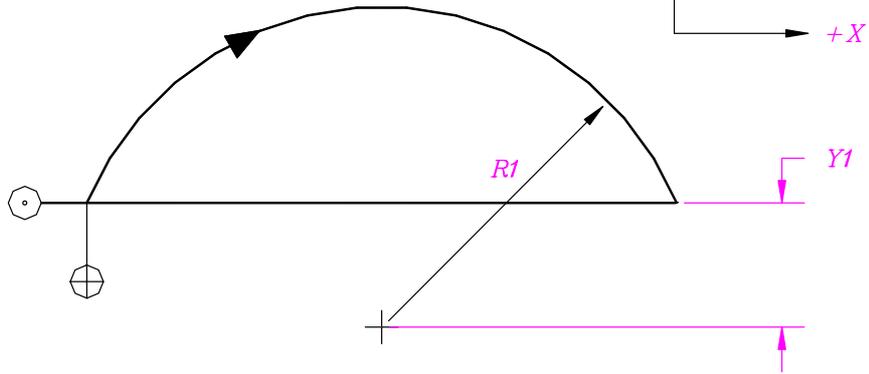
$Y1$ 이 +값인 경우



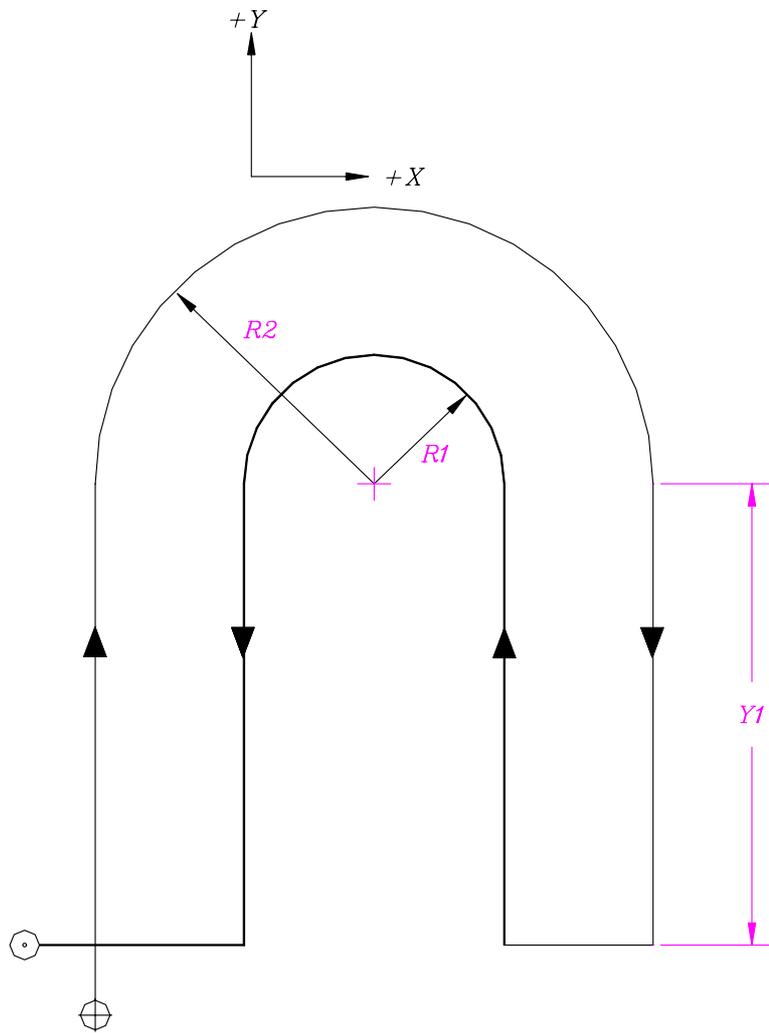
$Y1$

$R1$

$Y1$ 이 -값인 경우



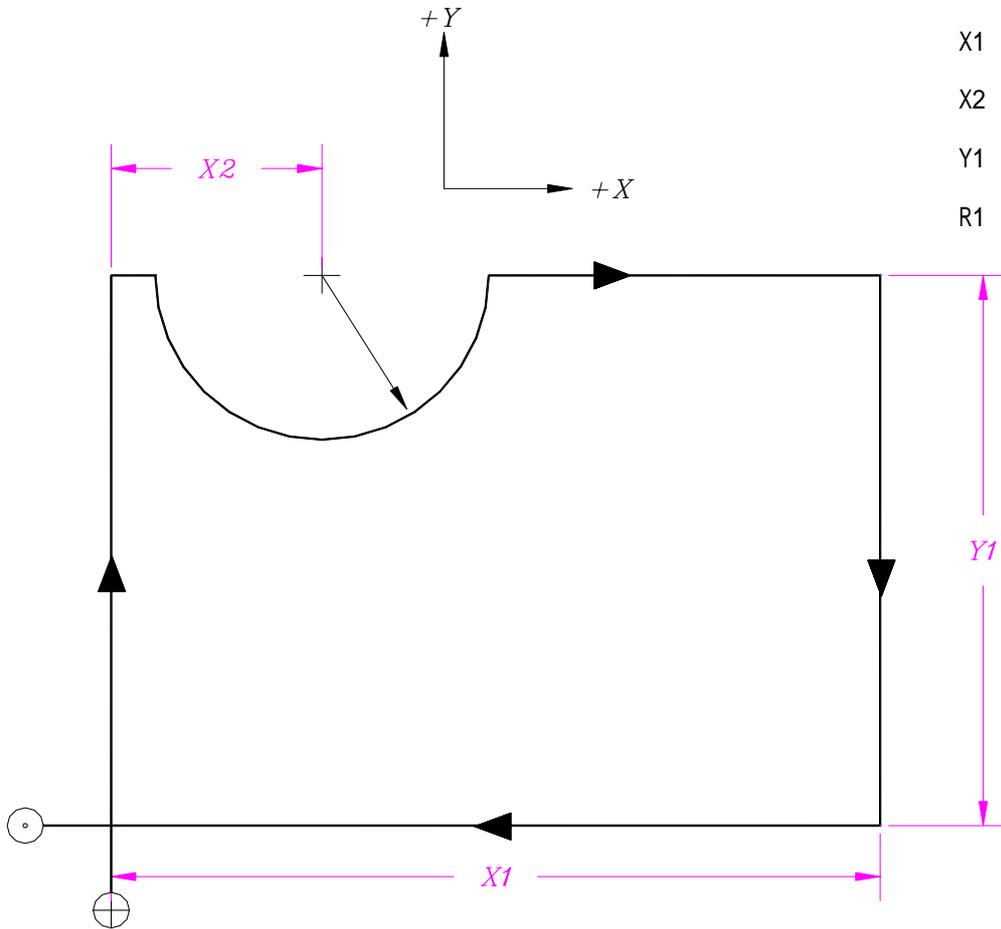
: 21



Y1
R1
R2

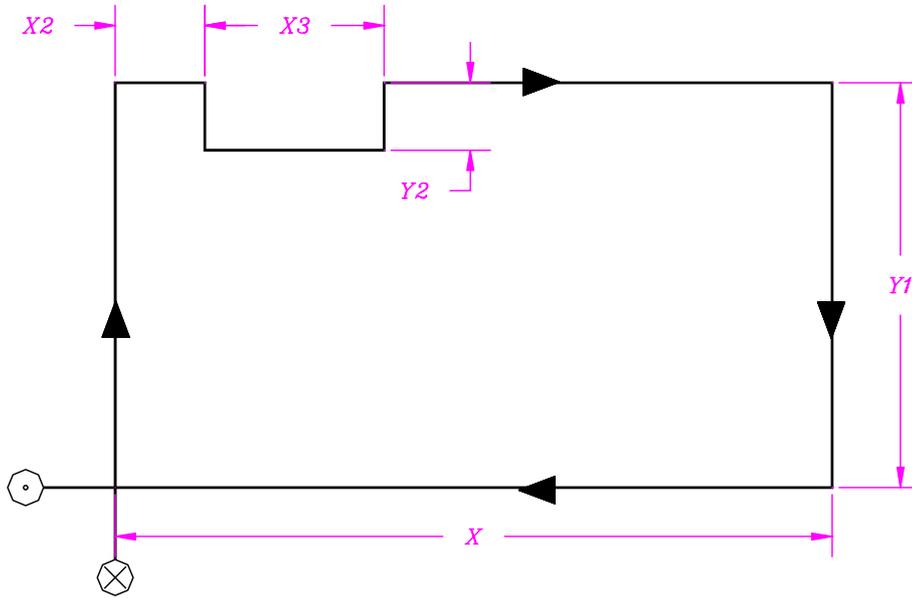
-) 1. Y1 (0) 가 .
- 2. R1 (0) 가 .
- 3. $R2 > R1$ ($R2 > R1$.)

: 22

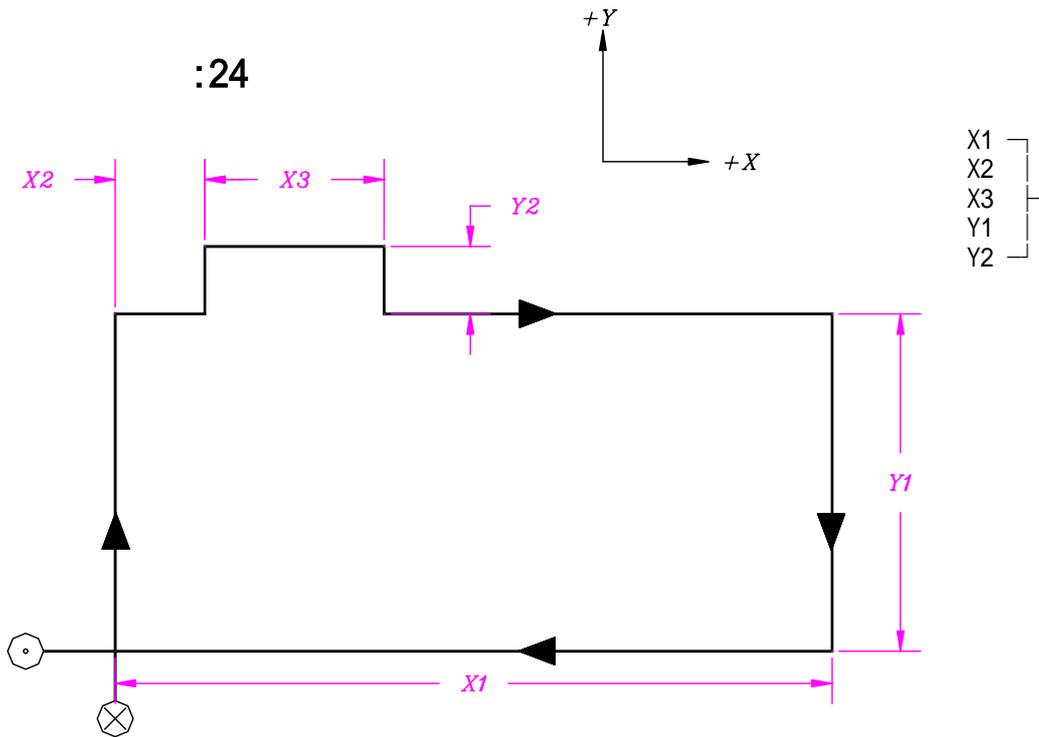


-) 1. $X_2 > R_1$ ($X_2 > R_1$.)
2. $Y_1 > R_1$ ($Y_1 > R_1$.)

: 23

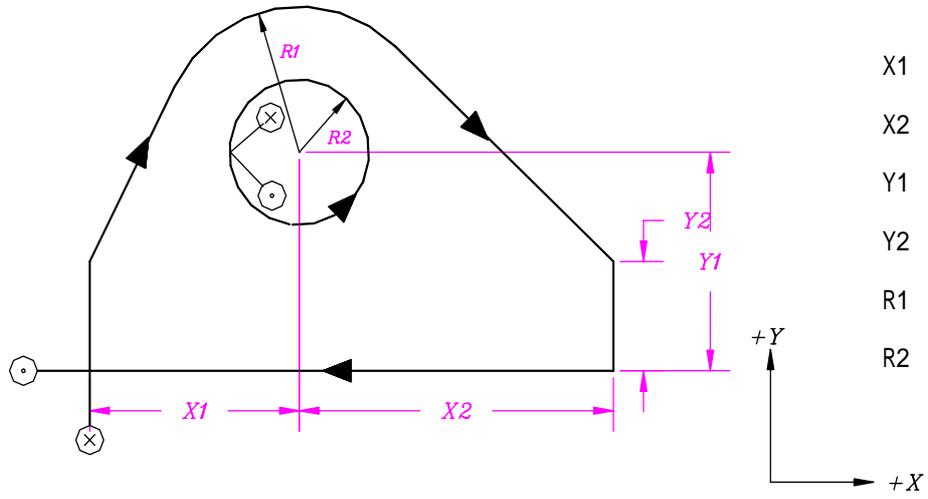


:24



-) 1. X_2 (0) 가 .
 2. X_1 $X_2 + X_3$

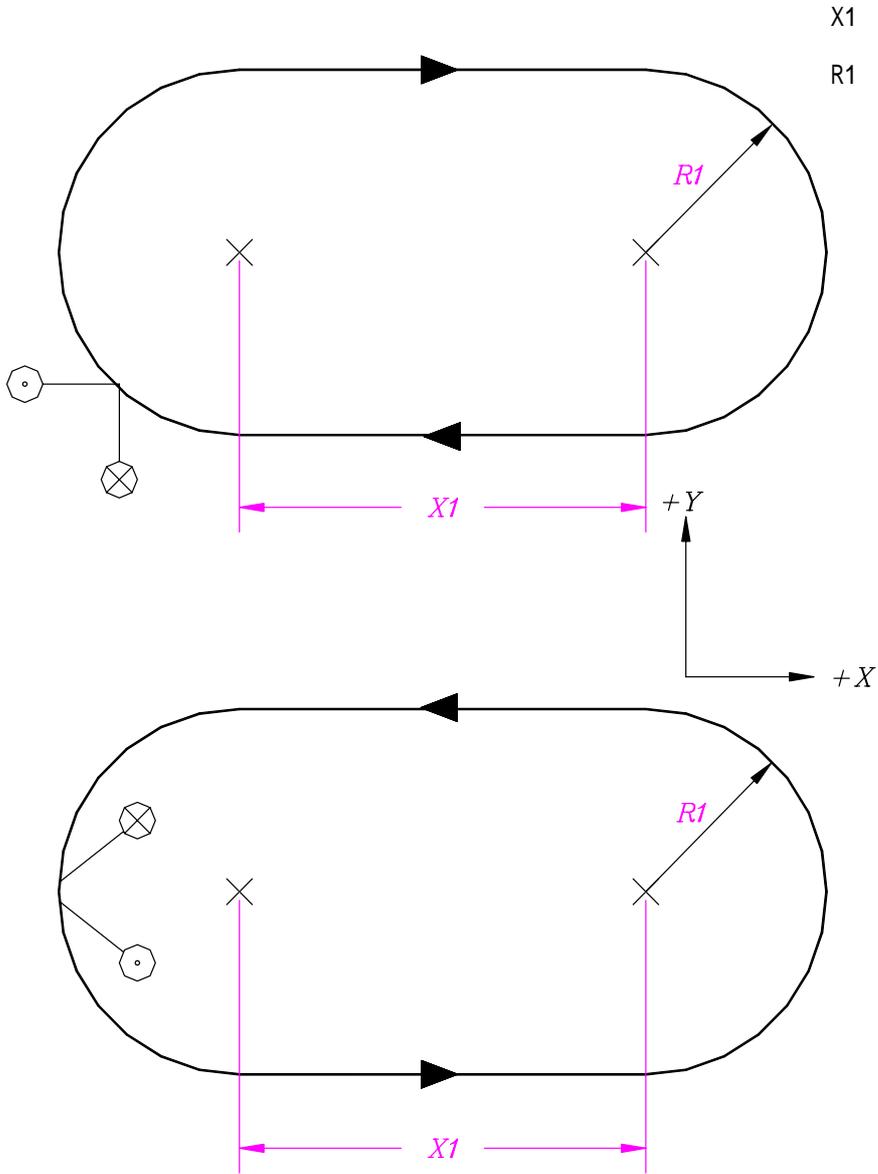
: 25



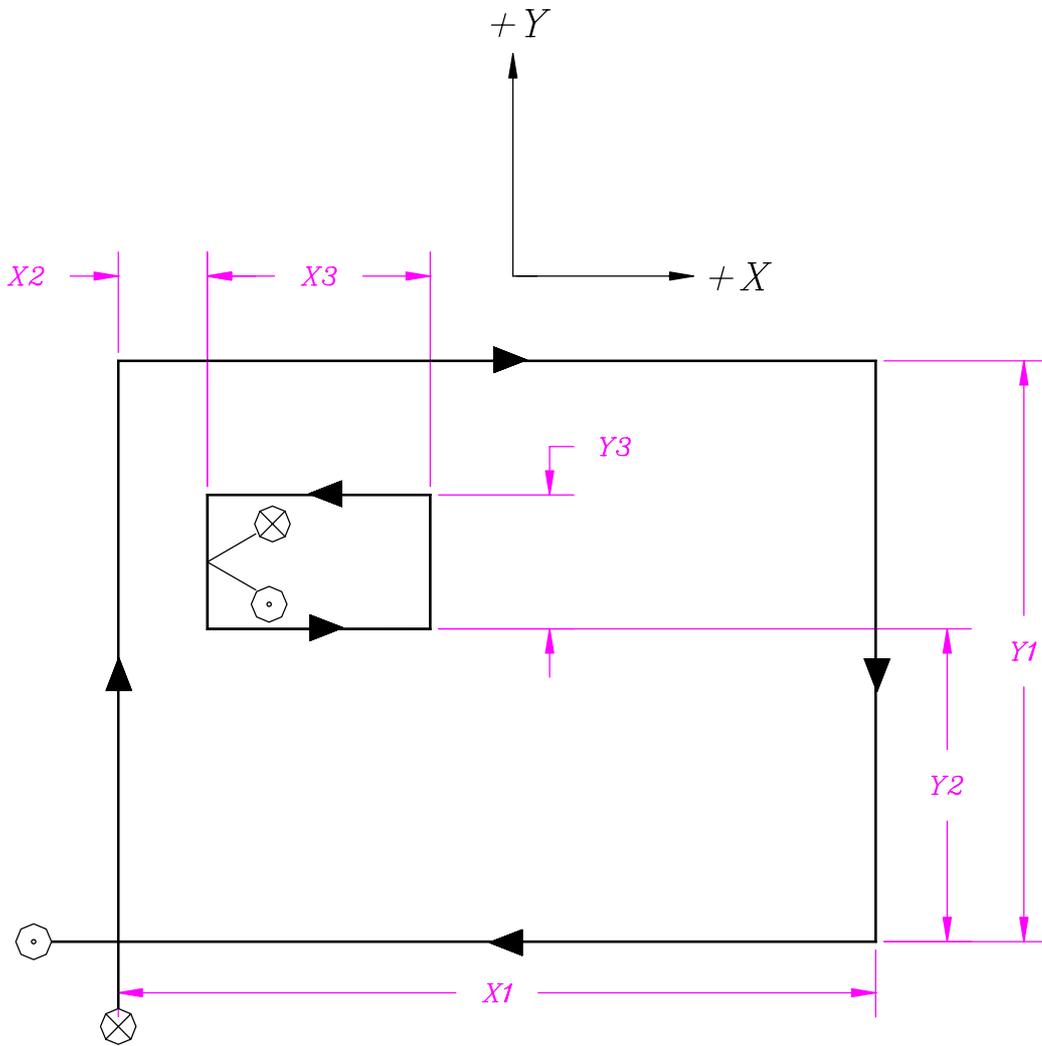
	$X1 < X2$	$X1 = X2$	$X1 > X2$
$Y2 = 0$ $R2 = 0$			
$Y2 \neq 0$ $R2 = 0$			
$Y2 = 0$ $R2 \neq 0$			
$Y2 \neq 0$ $R2 \neq 0$			

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

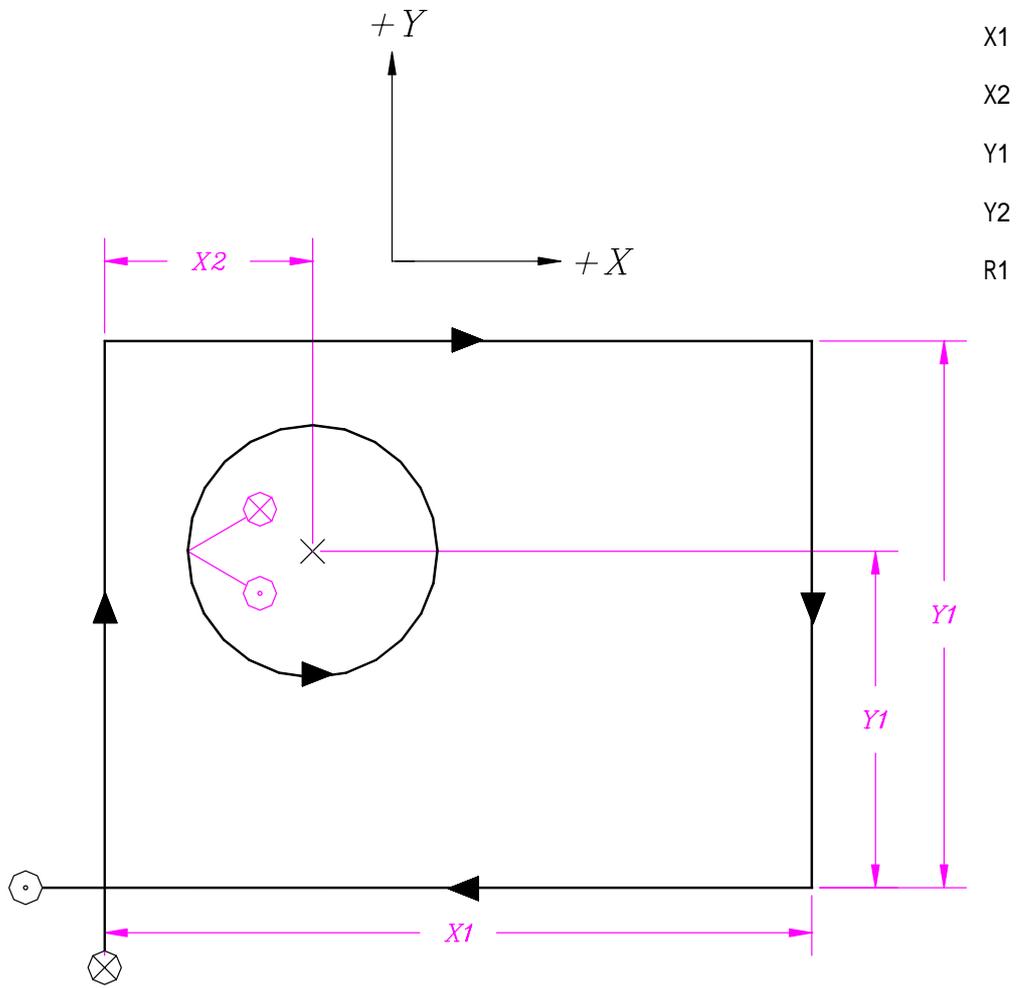
: 26



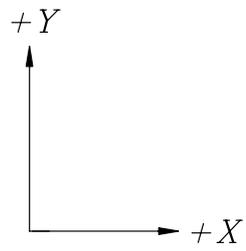
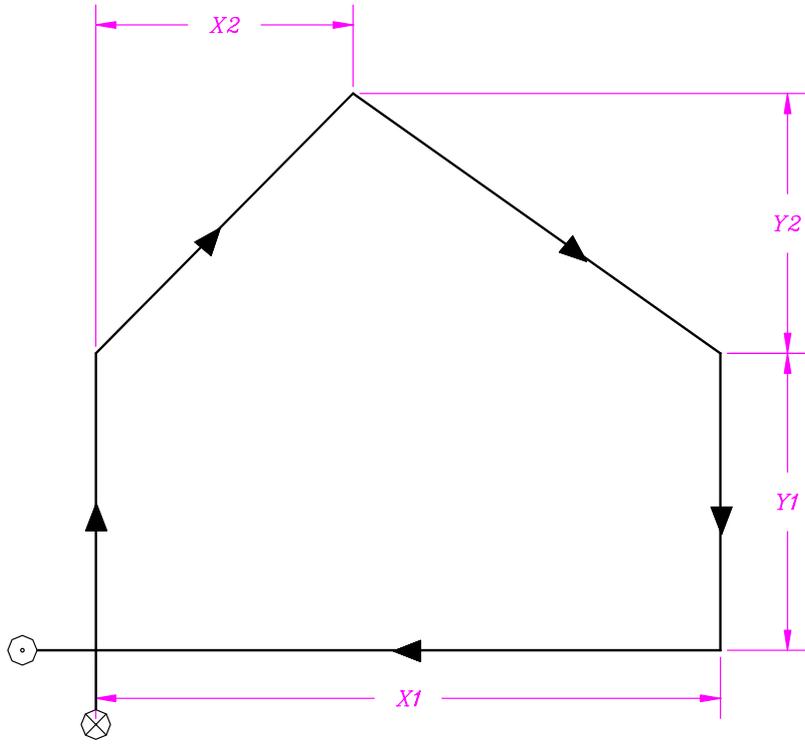
: 27



X1	Y1
X2	Y2
X3	Y3



: 29



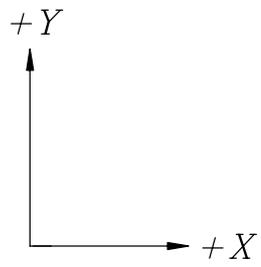
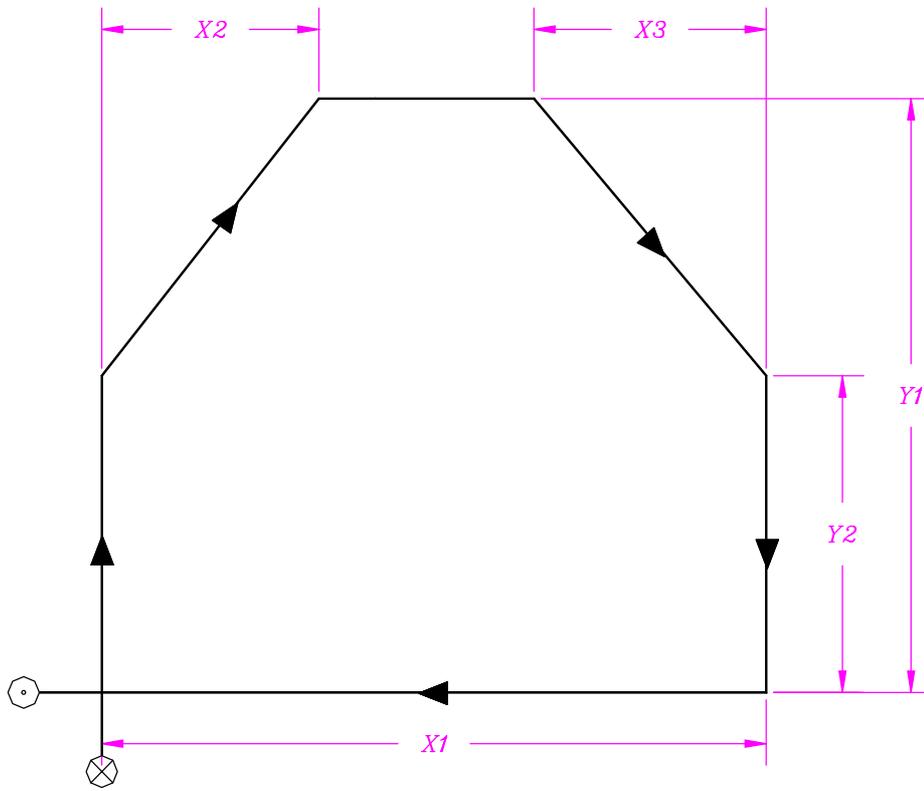
X1

X2

Y1

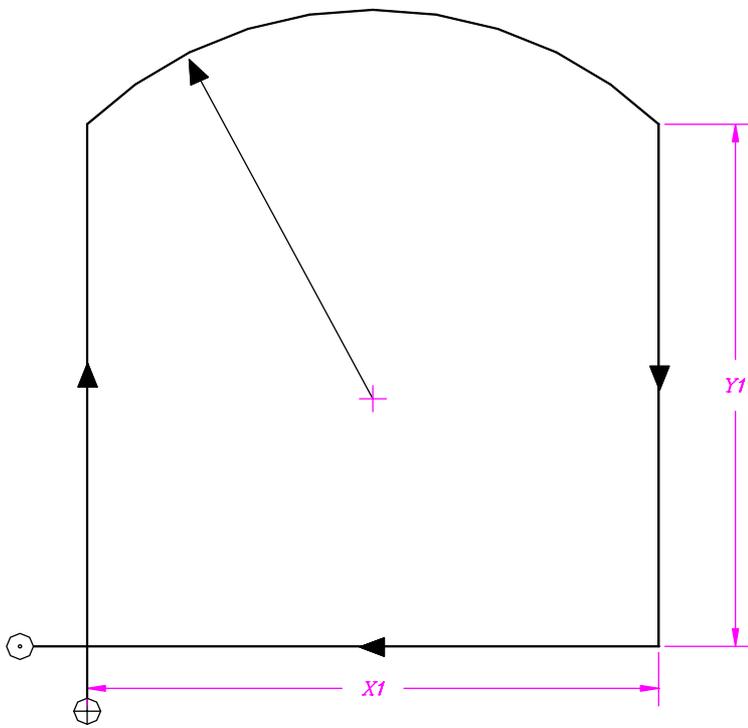
Y2

: 30



- X1
- X2
- X3
- Y1
- Y2

: 31

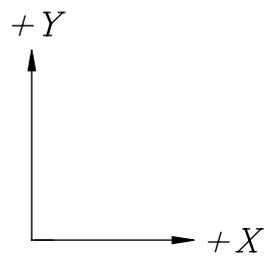
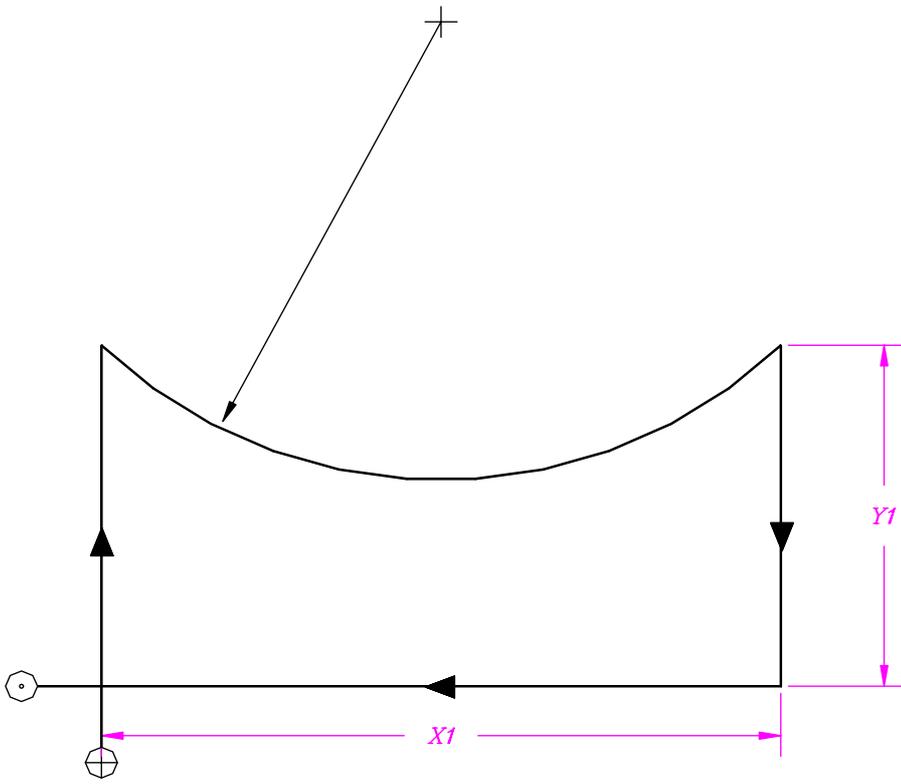


X_1

Y_1

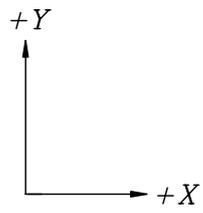
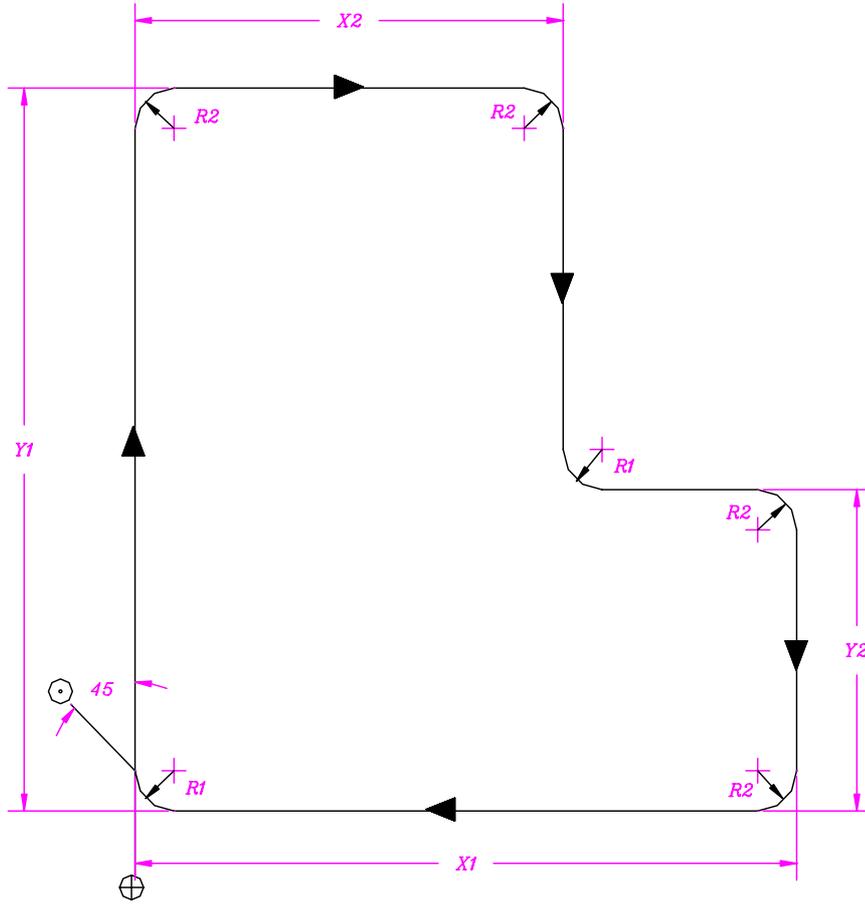
R_1

: 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 』

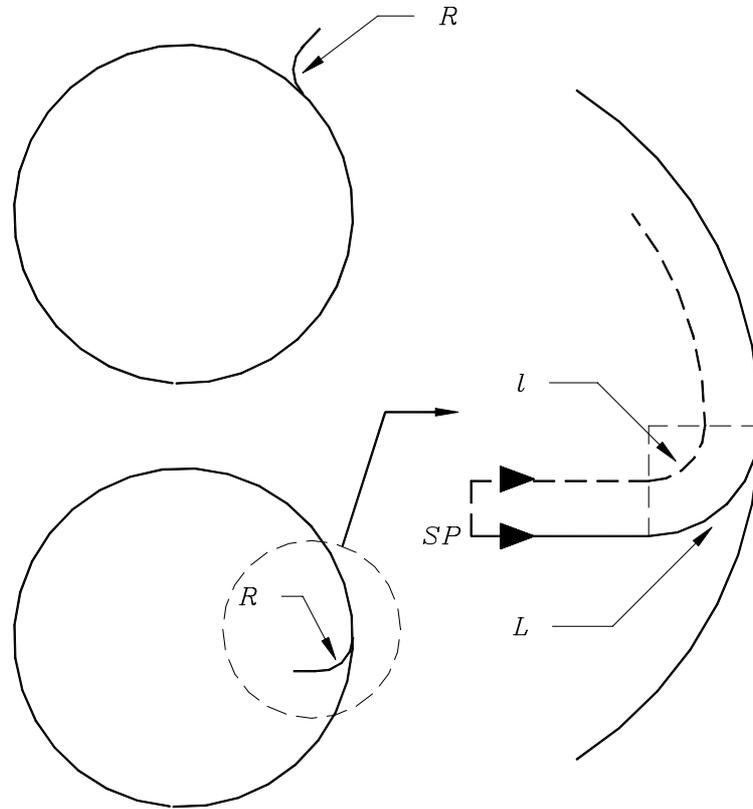
(圓弧進入)

(0)

(R)

R 1 MM,

3 MM



$l > 0$

, l
 R

L l

『 』

R

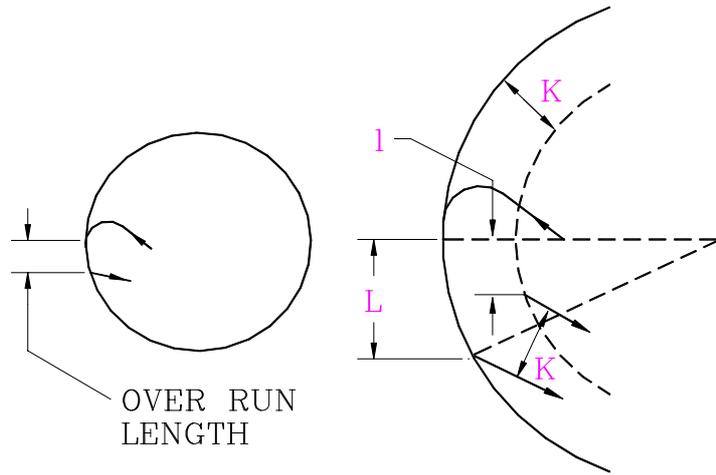
, (0)

$R > \frac{\quad}{2}$

『 2 』

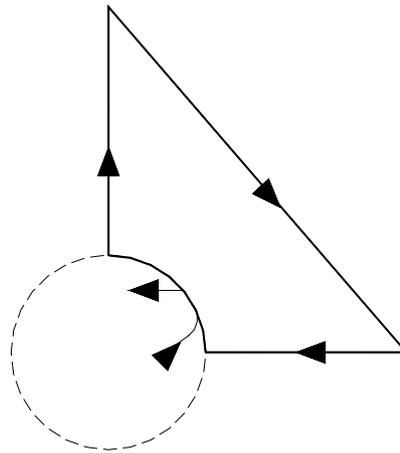
LEAD OUT()

1 L 가 L



, LEAD OUT (OVERBURN)

(一周)



『 』

(OVERBURN)

$L > K$ (K :

)가

NOTE :

EIA

G. OPTION ()

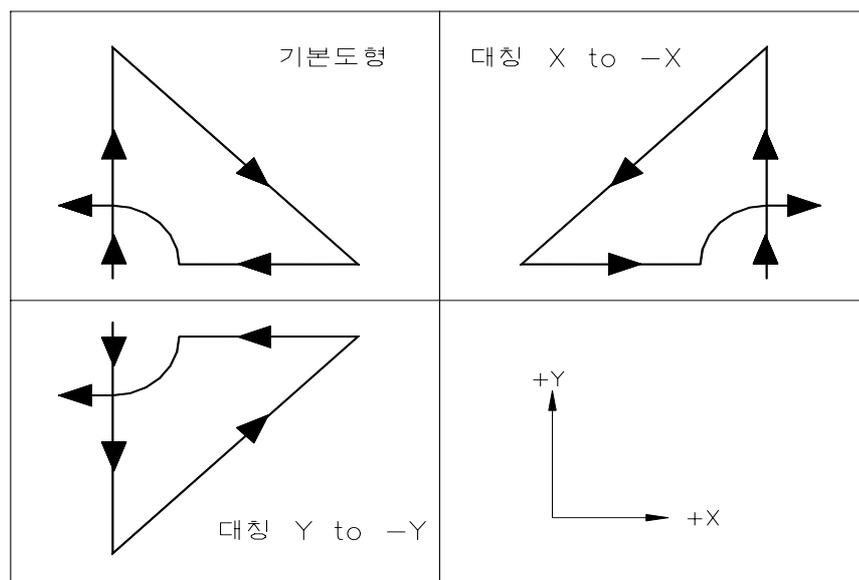
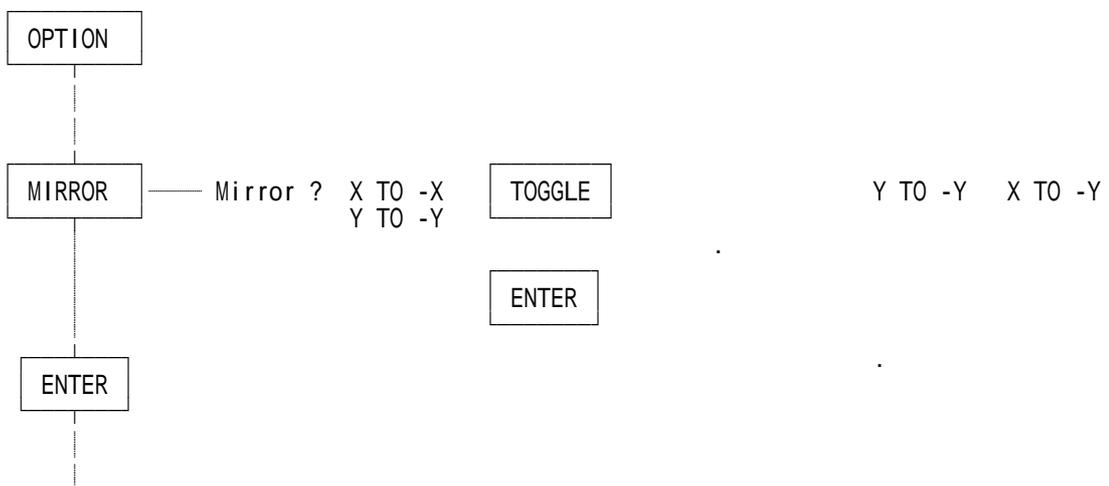
OPTION : MIRROR : ROTATE : REPEAT : SCALE :

1. (MIRROR-)

X- Y-

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

(LEAD IN , LEAD OUT)



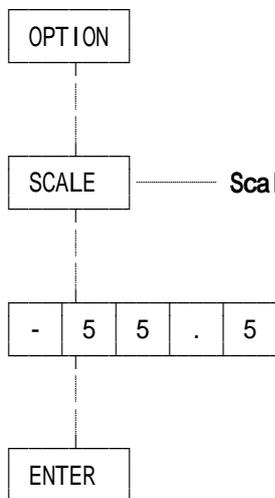
2. (ROTATE-)

가 ALIGN()



3. / (SCALE)

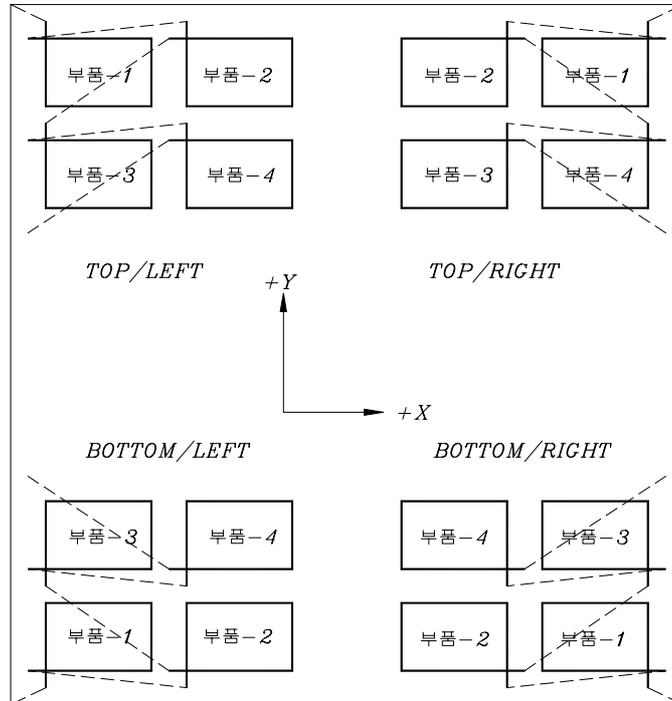
- (1). : 0.01 (1/100), : 99.9
- (2). / /



4. (REPEAT-)

4-1.

BOTTOM LEFT / RIGHT TOP LEFT / RIGHT 4 가 .

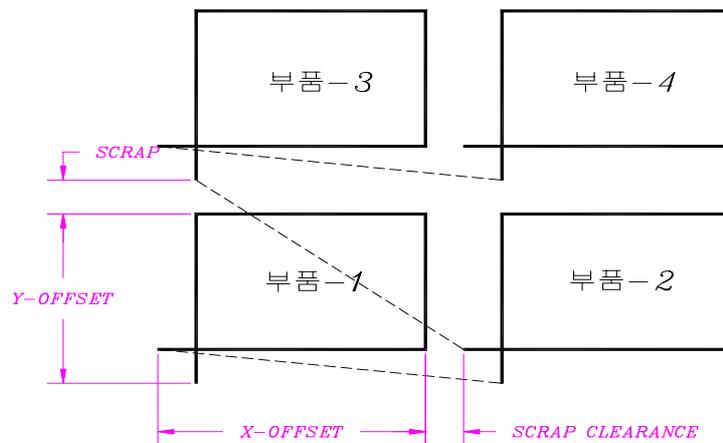


4-2.

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

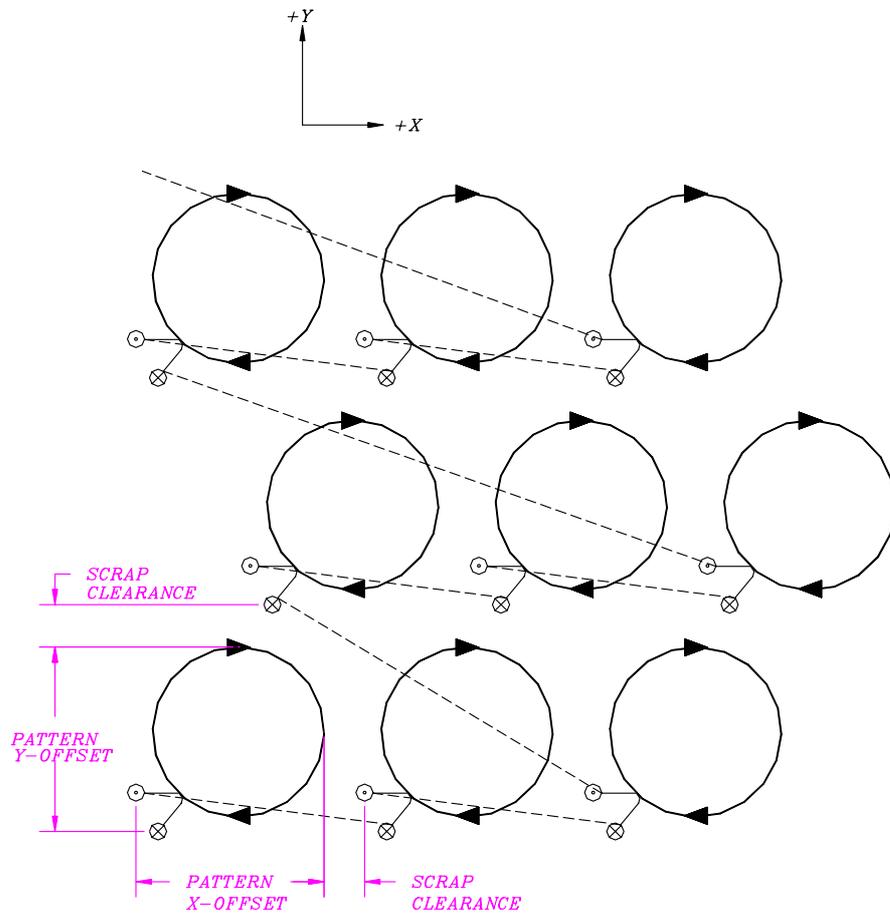
DONE

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

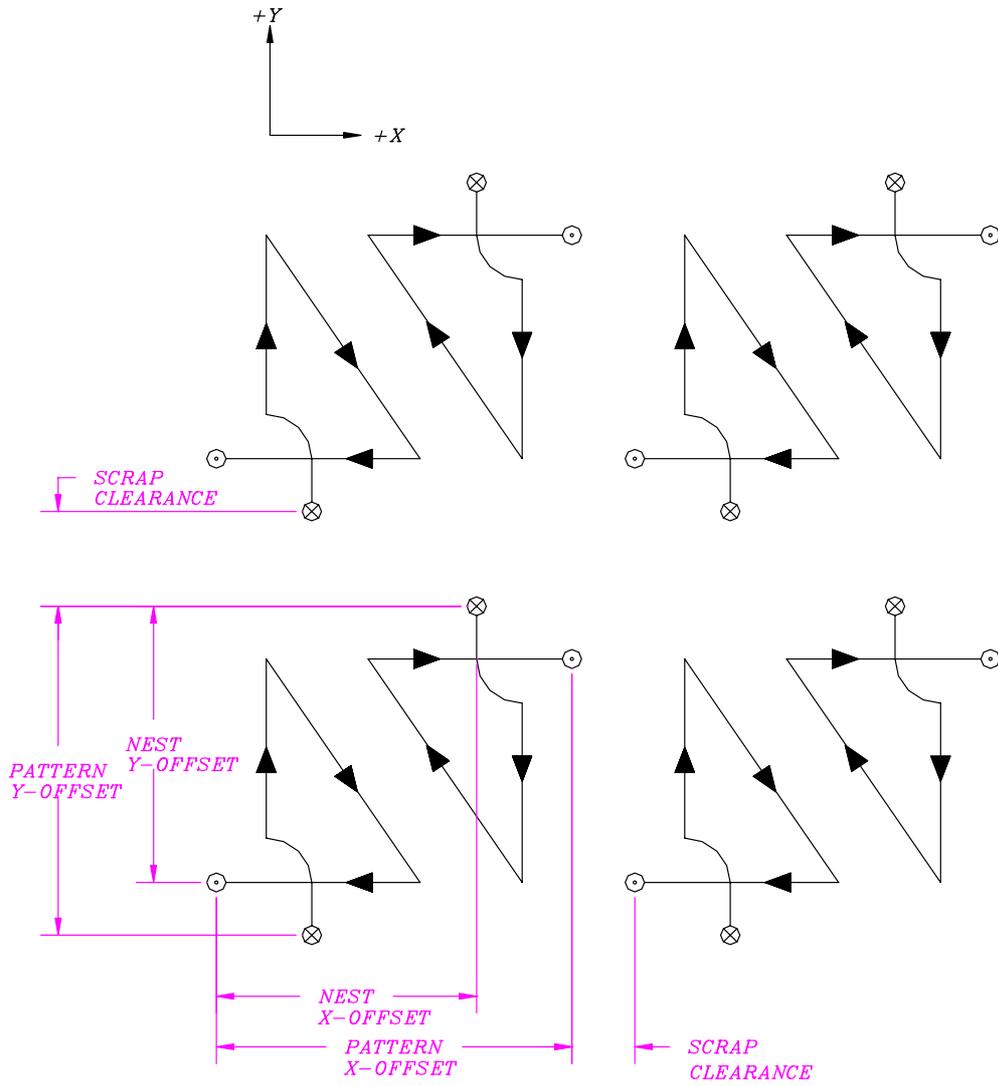
DONE

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)

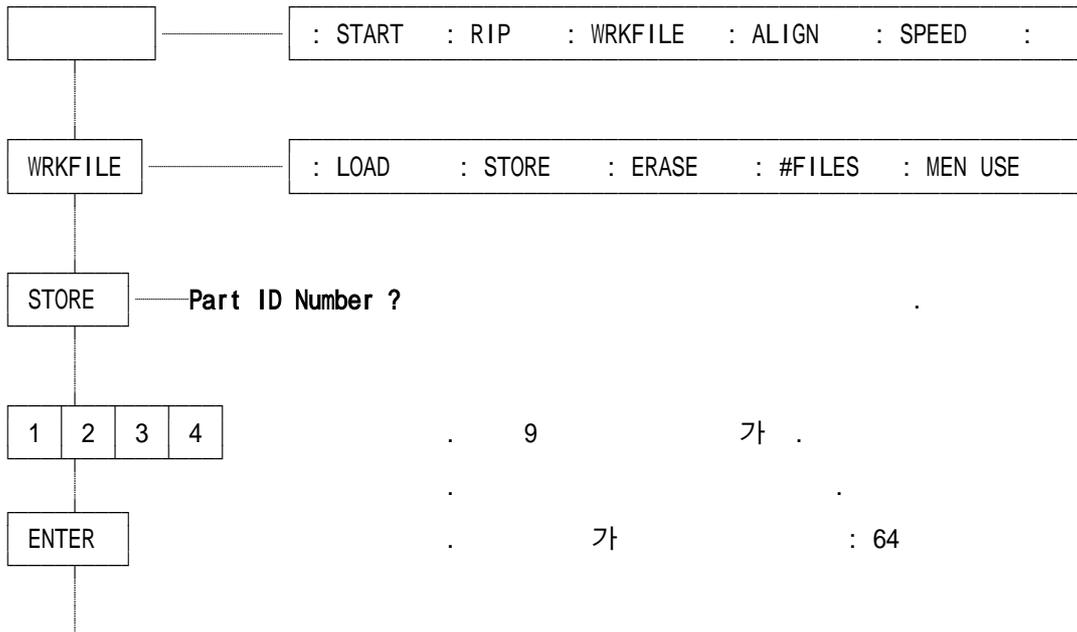
LYNX

(MDI)

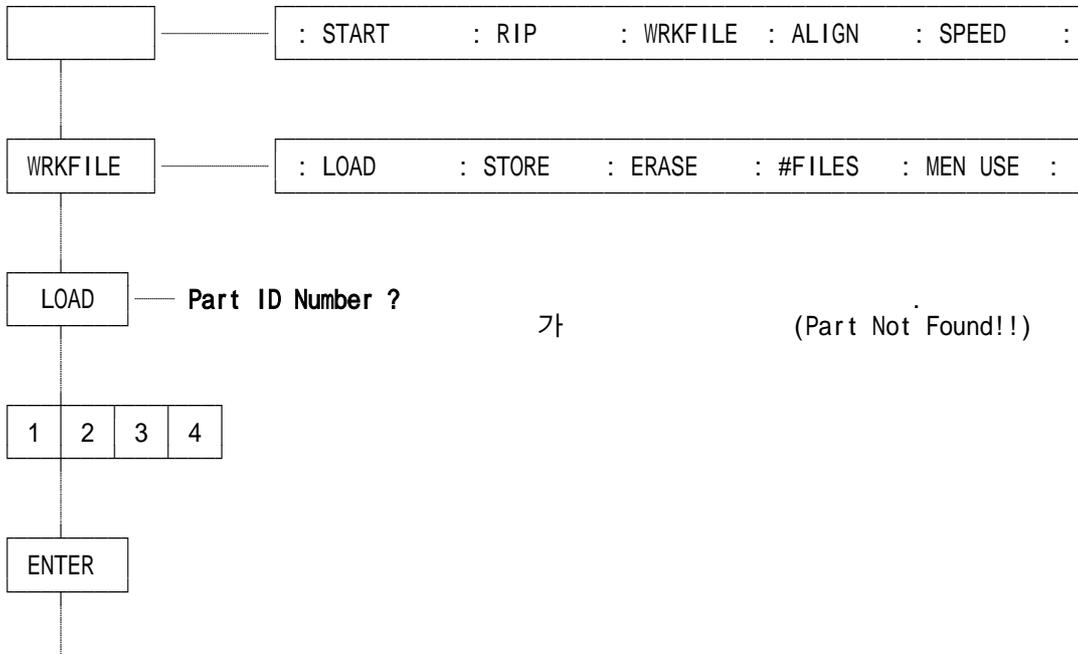
가 .

SHAPES

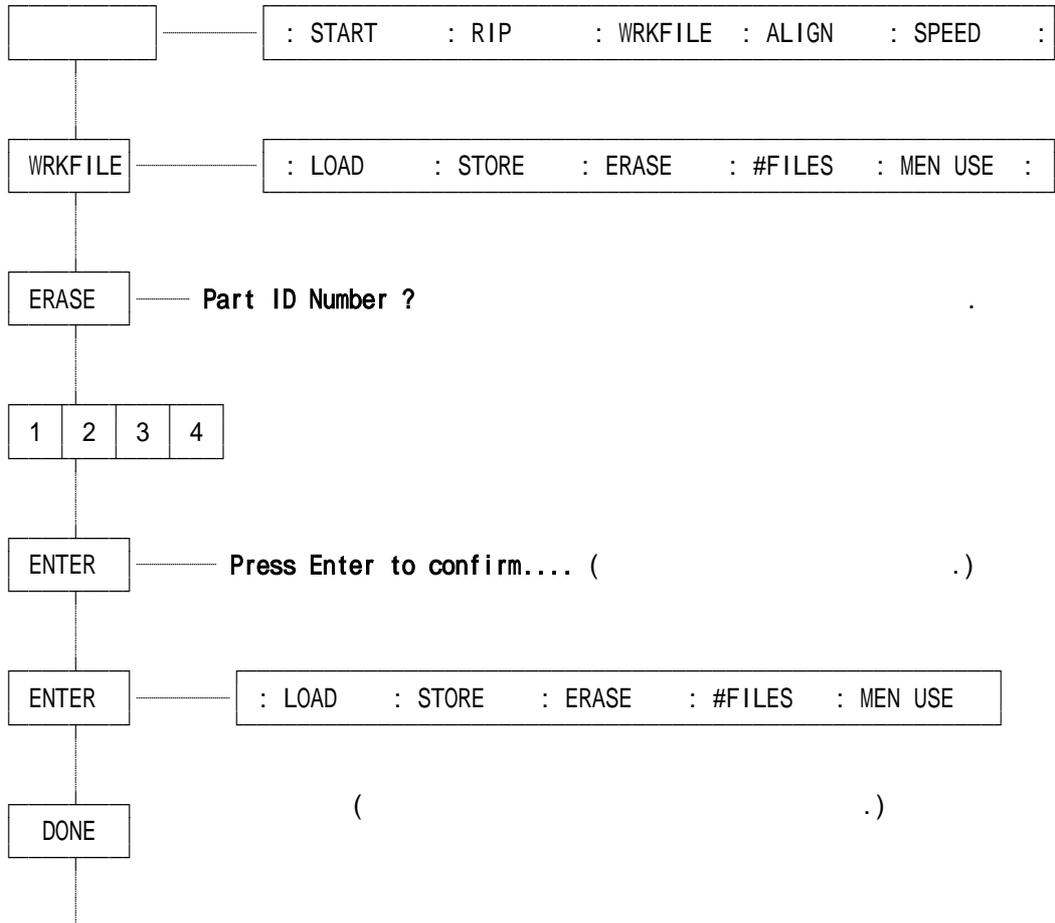
1. (STORE)



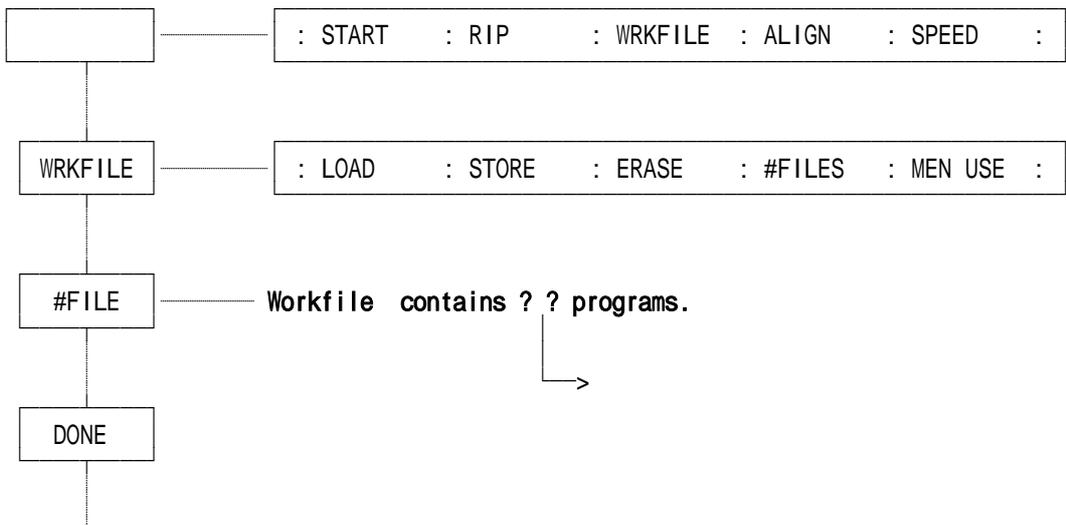
2. (LOAD)



3. (ERASE-)

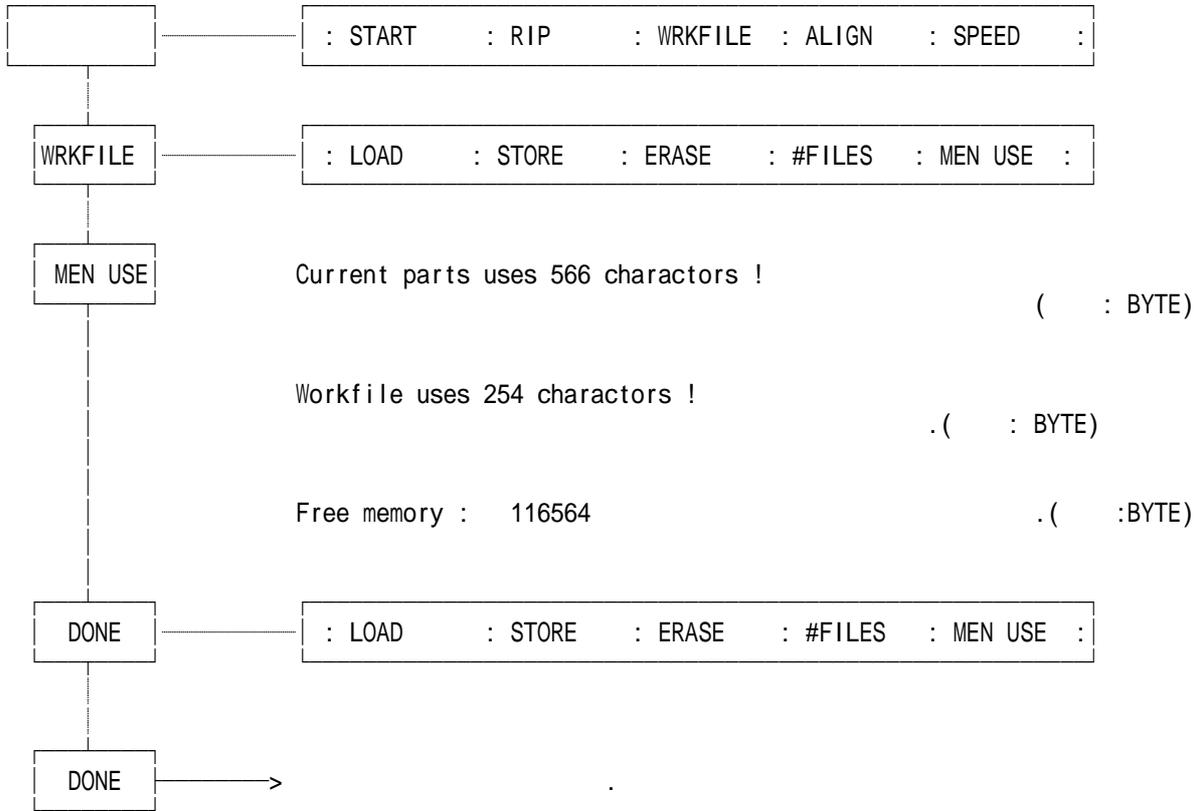


4. (#FILES)



5. (MEM USE)

가 .



*

LYNX (M D I)

*

I.

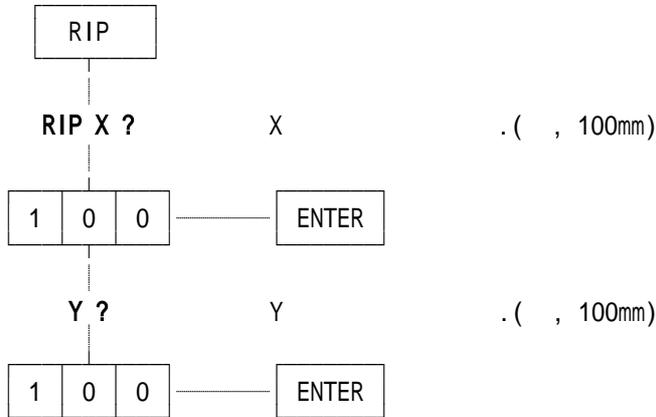
LYNX ON

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)

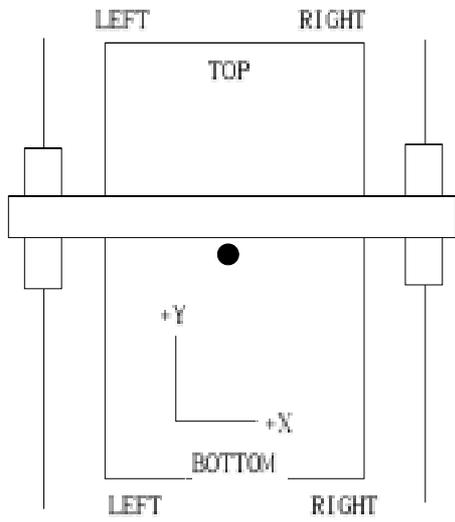
“ DONE ”

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

3-2-2.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 ...

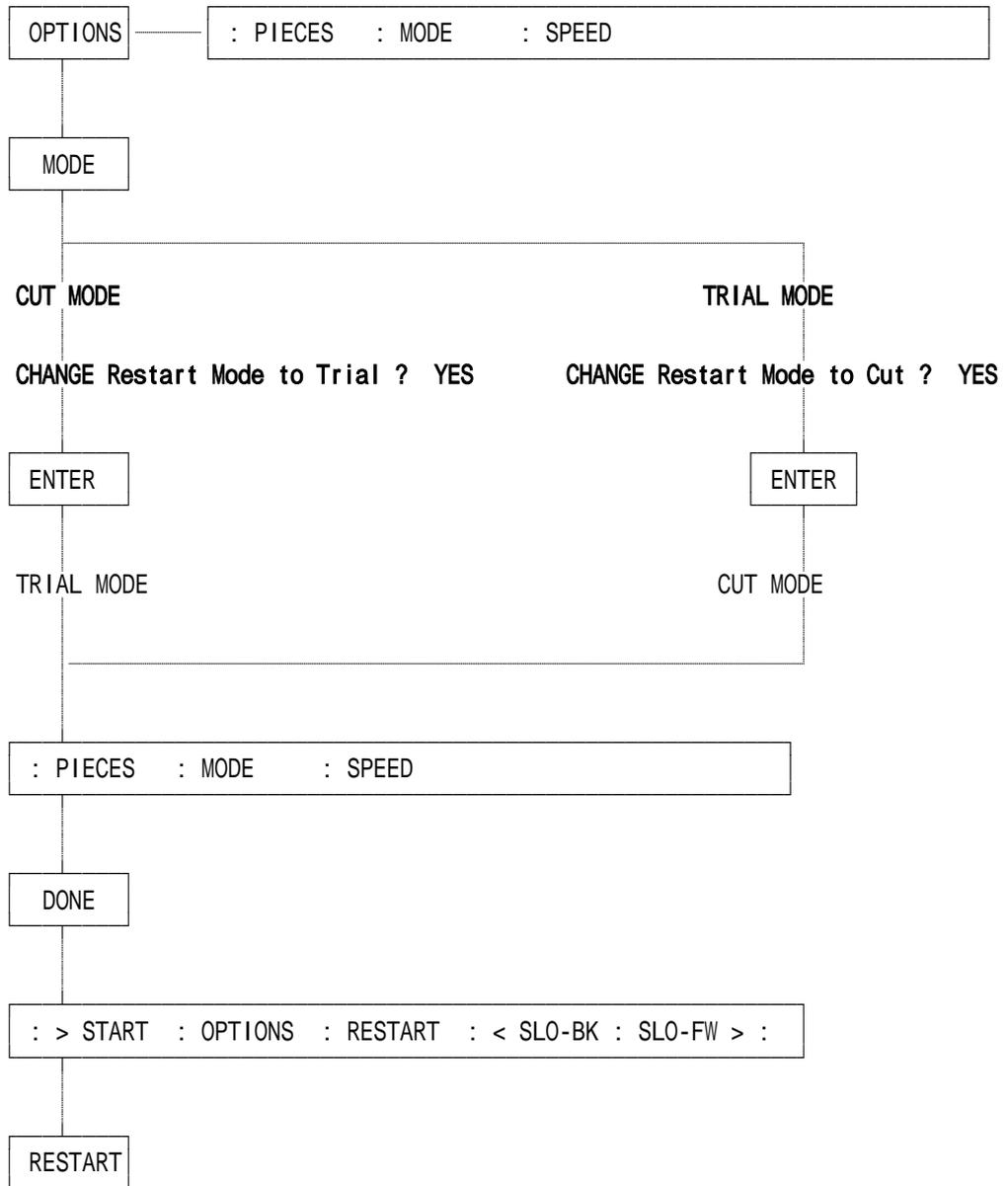
: PIECES : MODE : SPEED

DONE

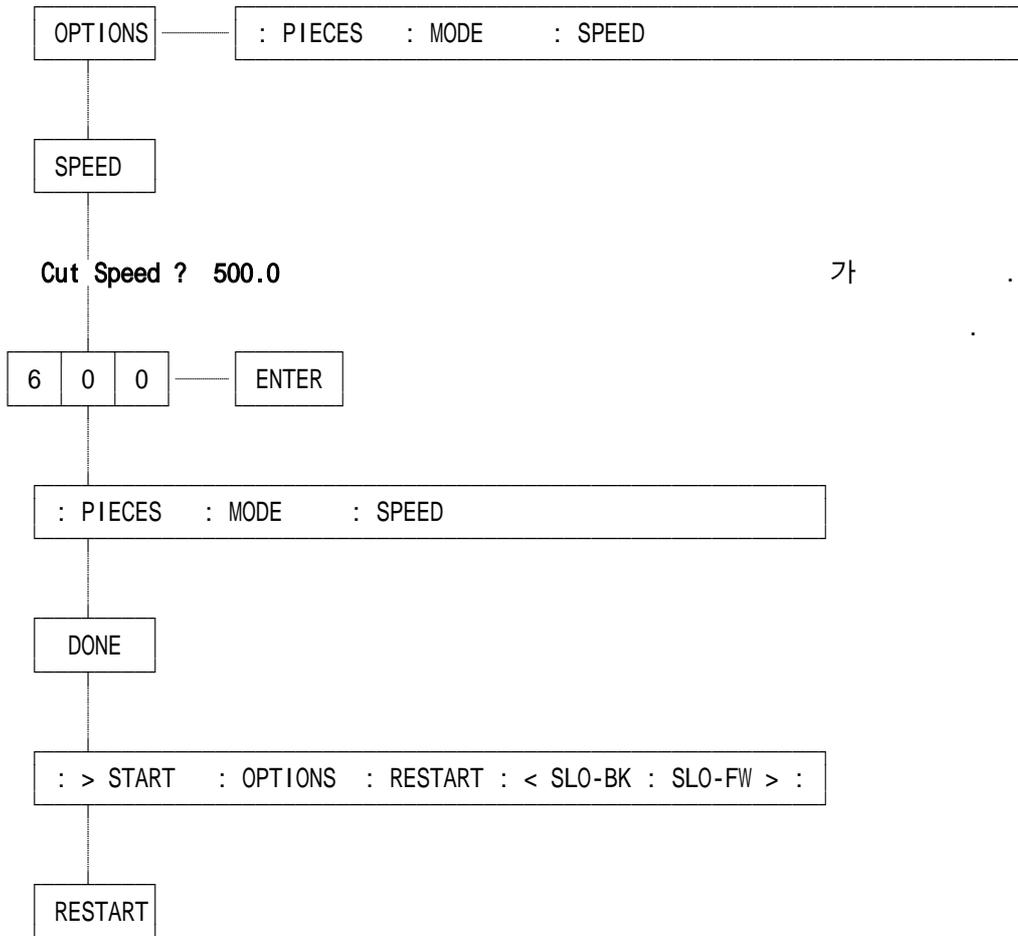
: > START : OPTIONS : RESTART : < SLO-BK : SLO-FW > :

RESTART

3-2-2-2. (MODE)

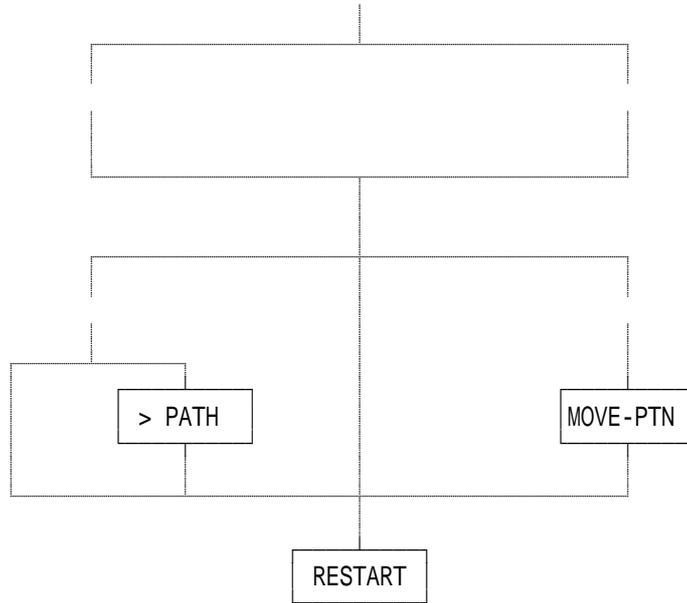


3-2-2-3. (SPEED)

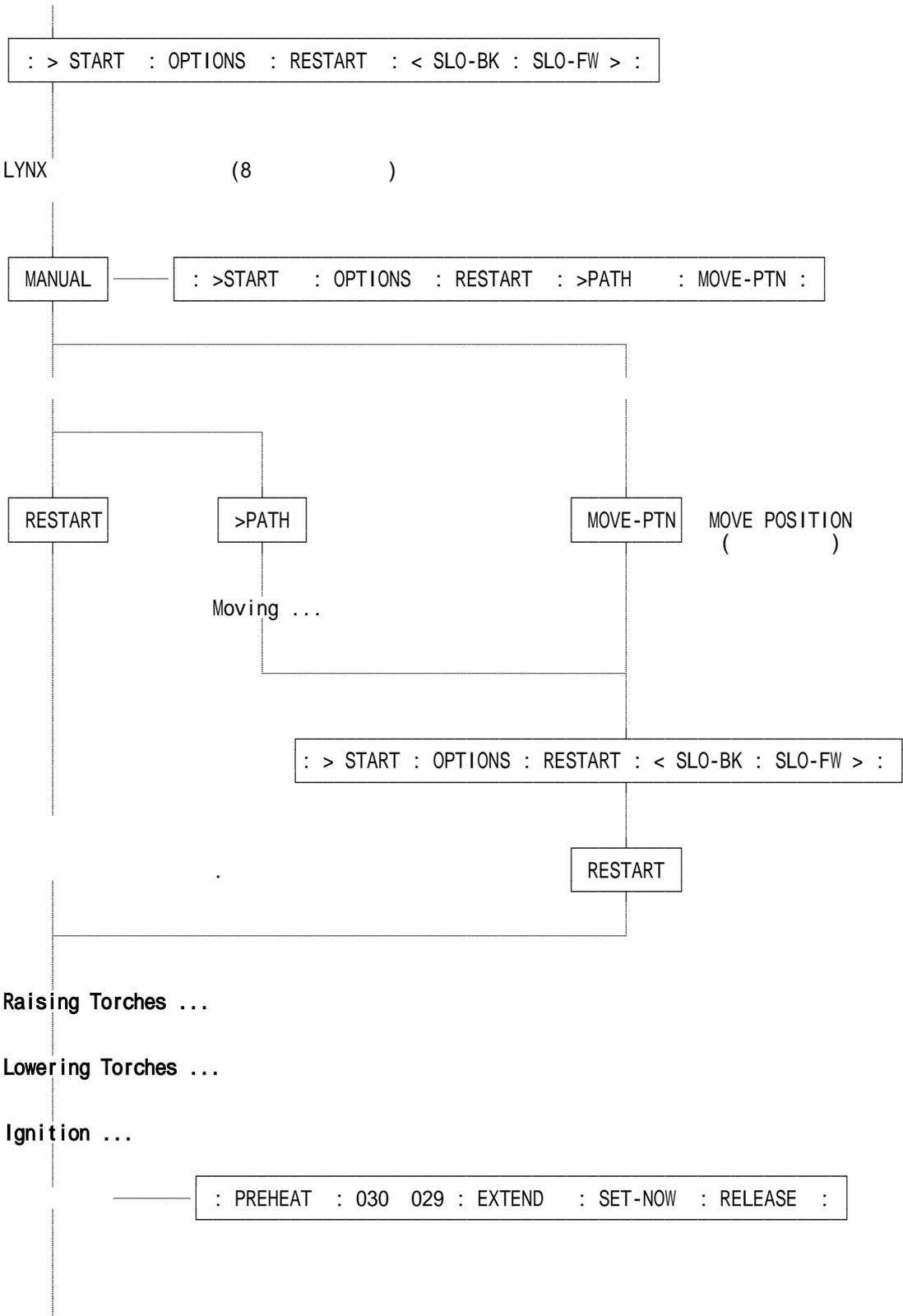


3-2-2-4.

가



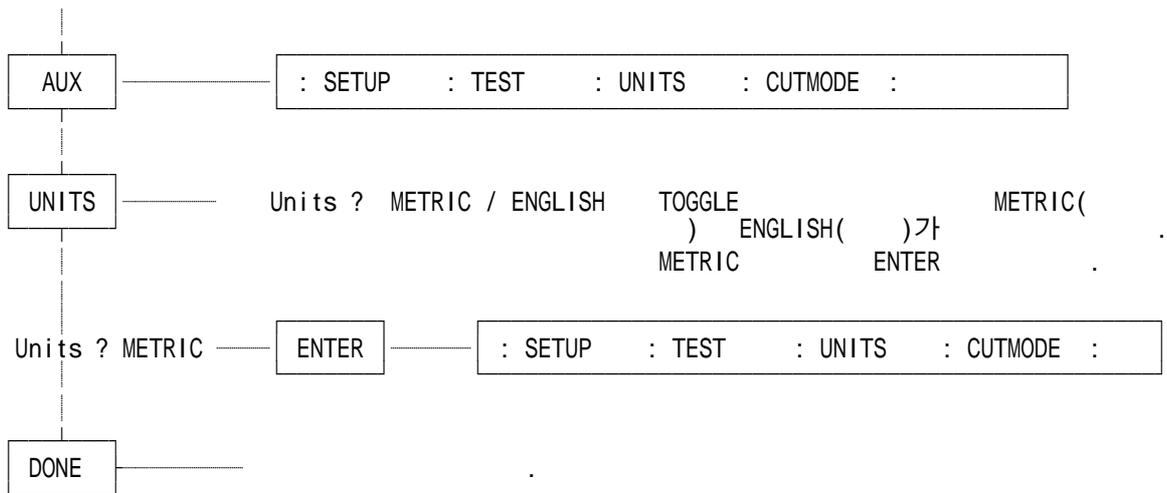
*



J. (AUX)

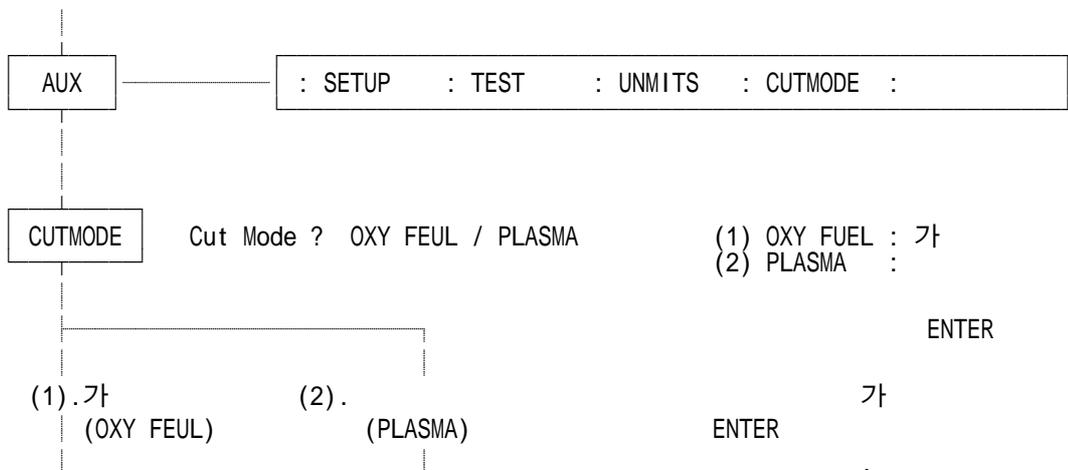
1. UNITS()

가 (INCH) 가, (METRIC-mm)

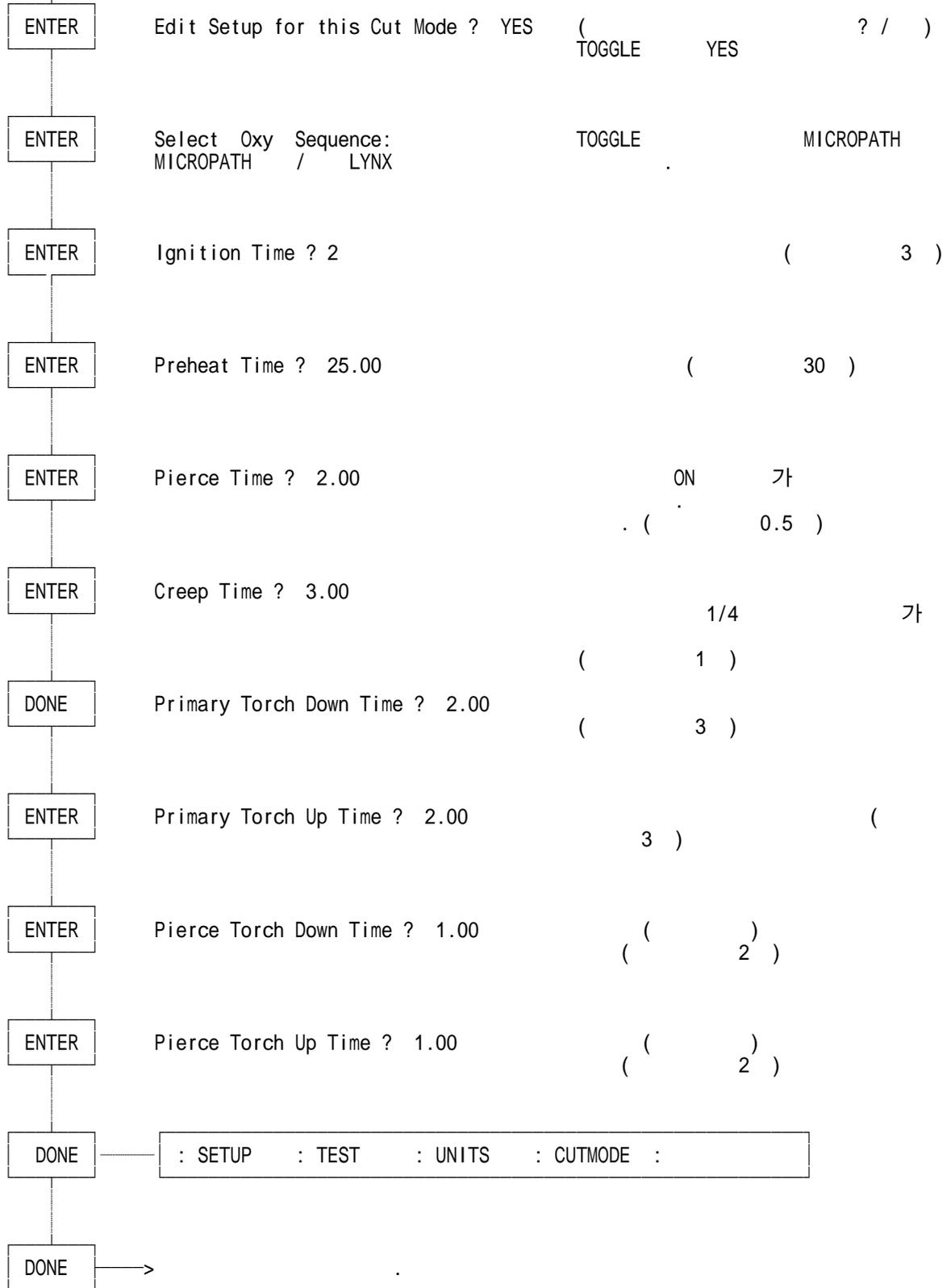


2. CUTMODE()

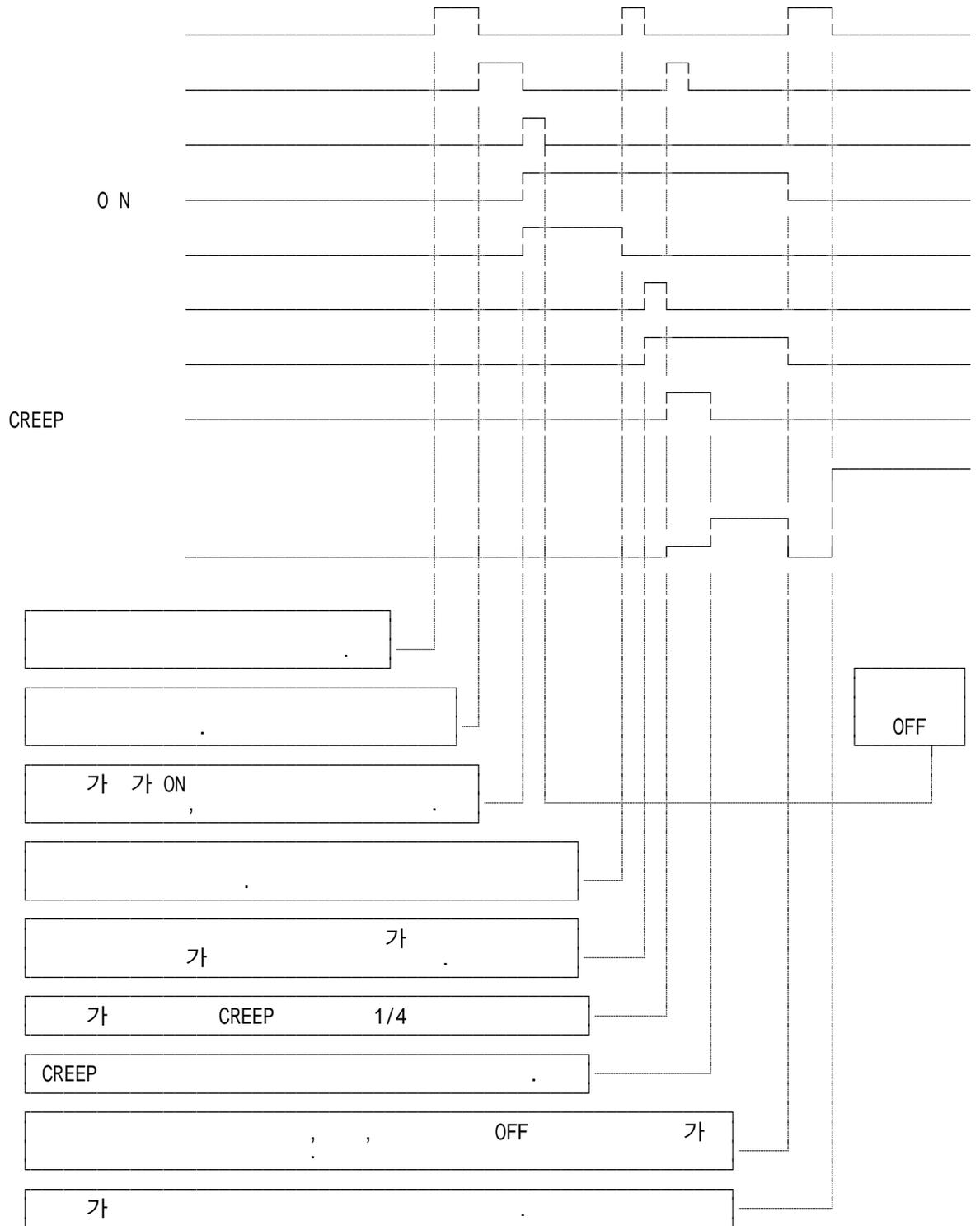
()



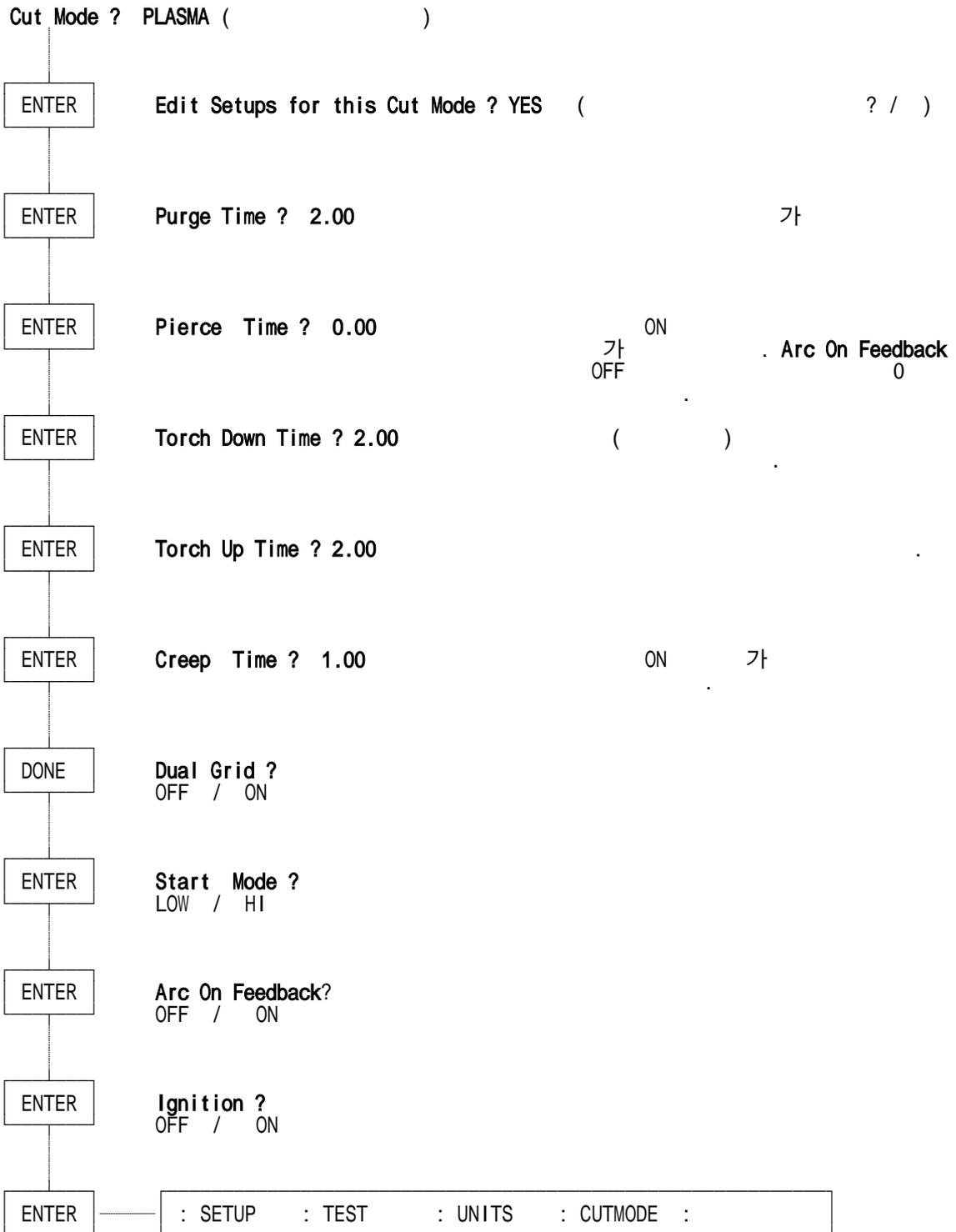
2-1.가



2-1-1. 가

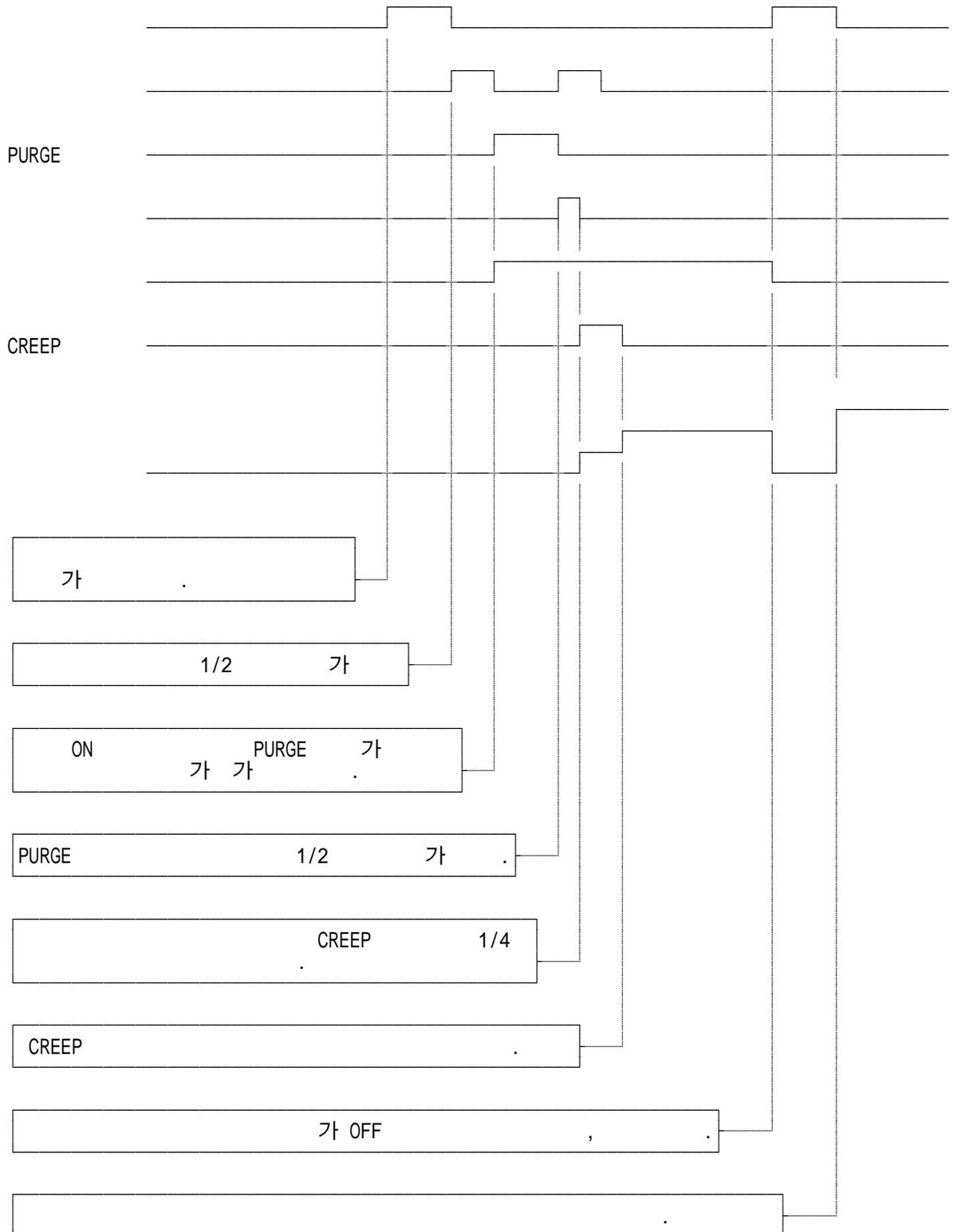


2-2.



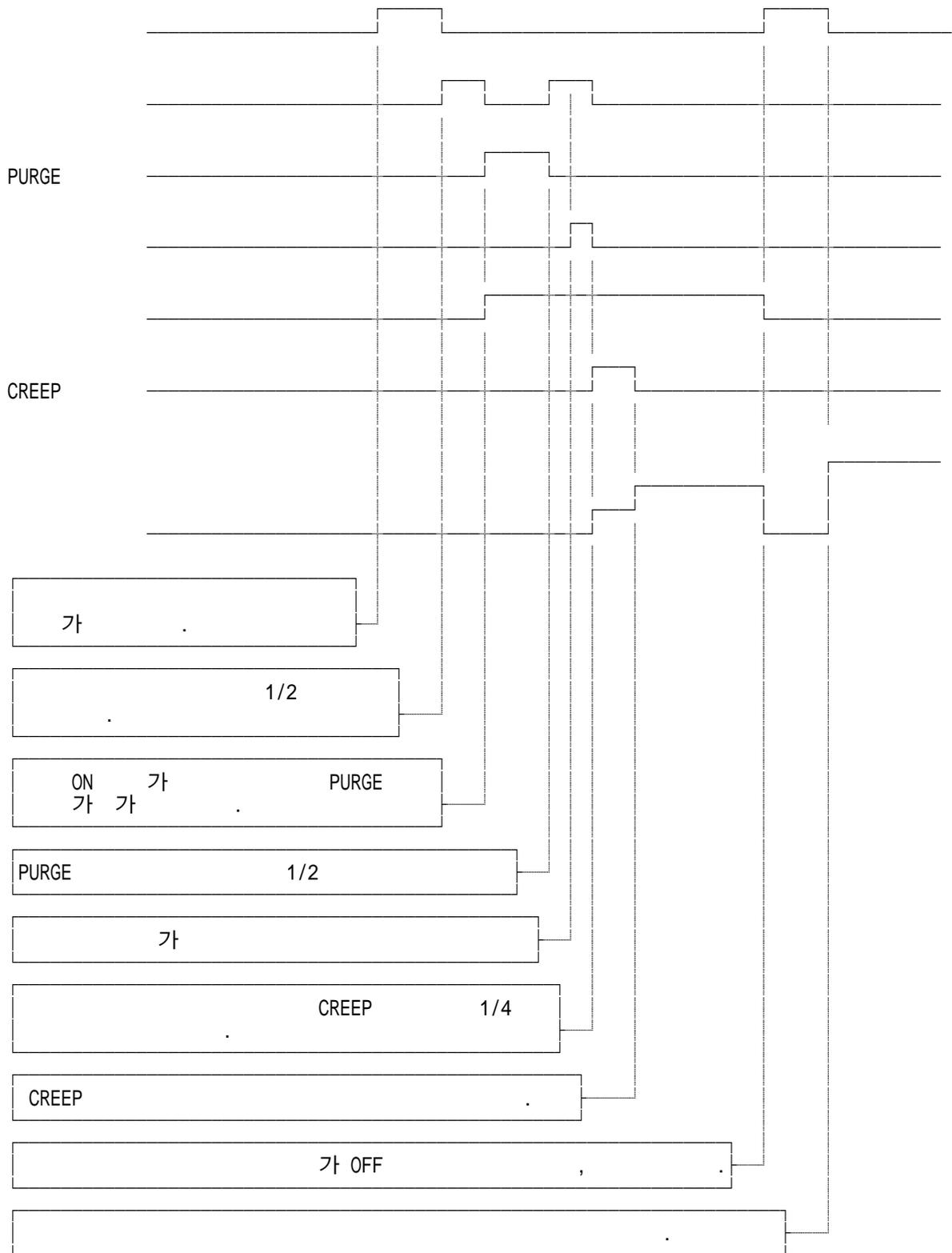
2-2-1.

()



2-2-2.

(가)



-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		

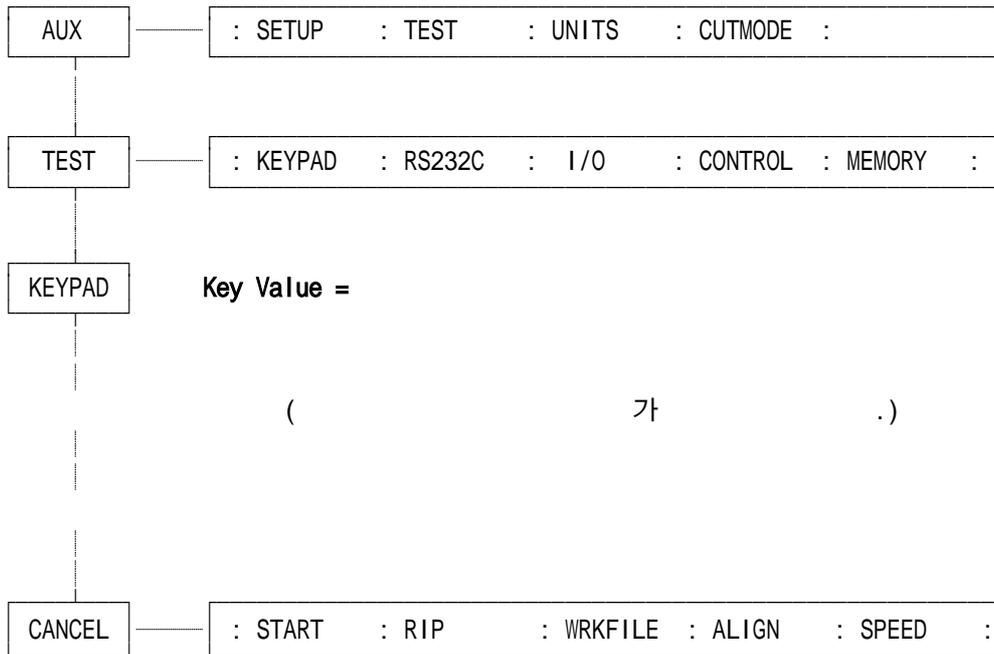
-1).

			()
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
	Acceleration g's ?		
	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)

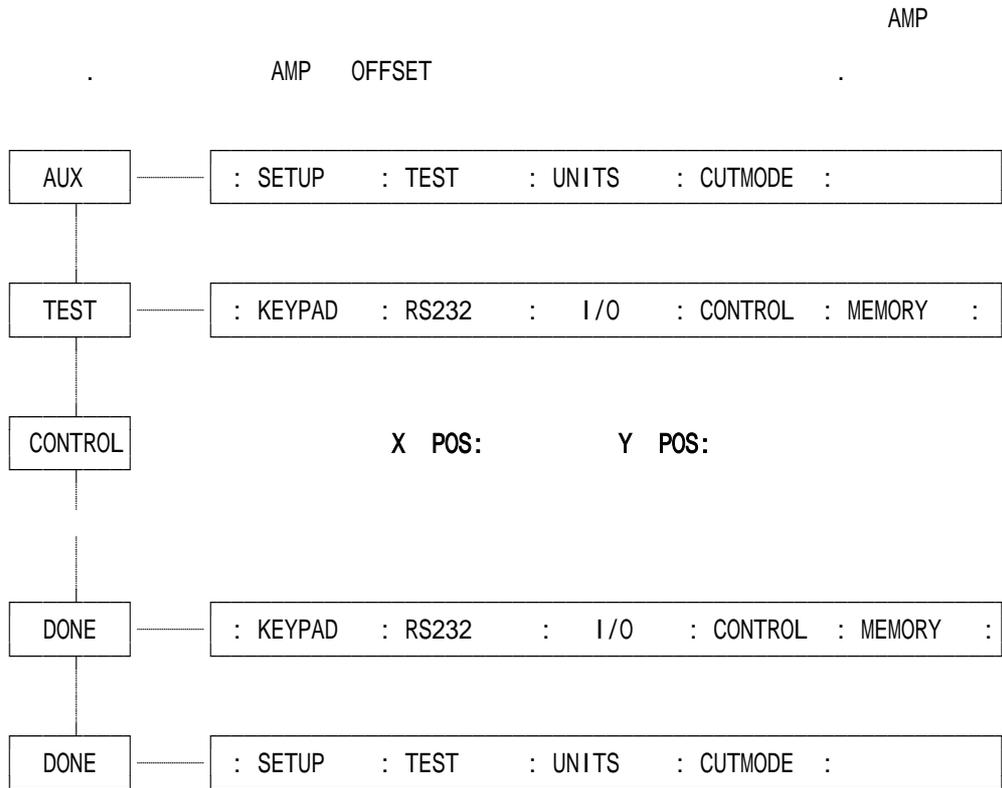
4-1. (KEYPAD)

가

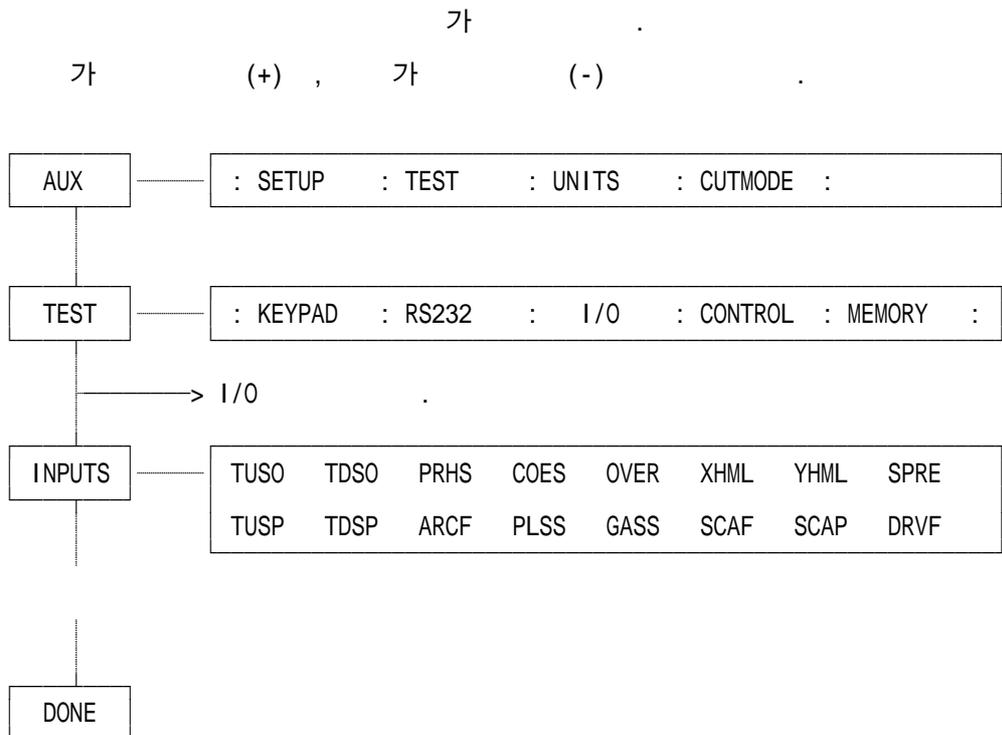


TOGGLE	toggle	8	8	PAUSE	pause
+	+	9	9	SPEED	speed increase
-	-	ENTER	enter	SPEED	speed decrease
.	.	CLEAR	cleal	MANUAL	manual
1	1	SHIFT	shift	TRACE/NC	trace/nc
2	2	DONE	done		left
3	3	CANCEL			right
4	4	OPTION	option		down
5	5	EDIT	edit		up
6	6	AUX	aux		
7	7	REMOTE	remote		

4-2. (CONTROL)



4-3. (INPUTS)

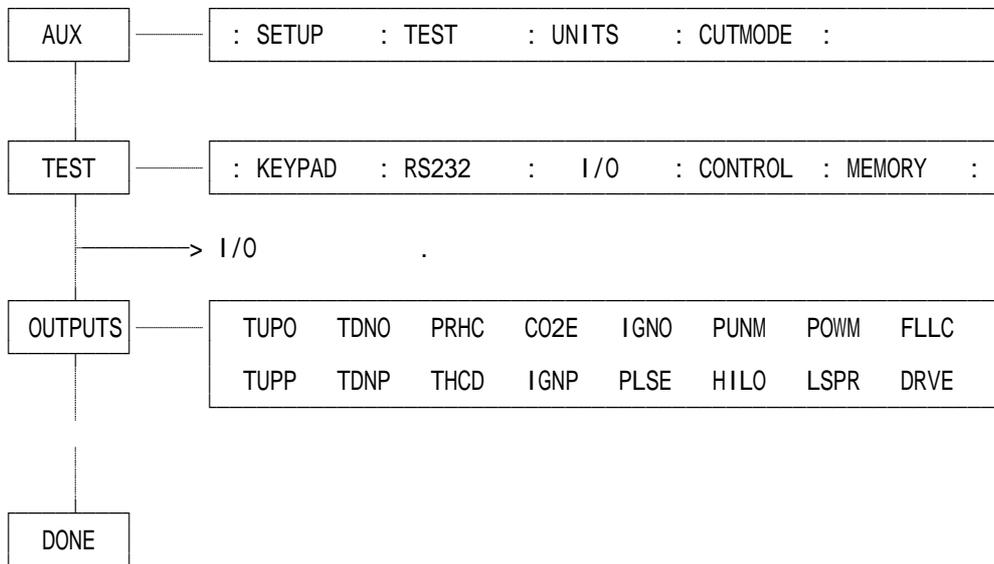


0	TUSO		4	OVER	ON PATTERN()
1	TDSO		5	XHML	
2	PRHS		6	YHML	
3	COES		7	SPRE	

	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

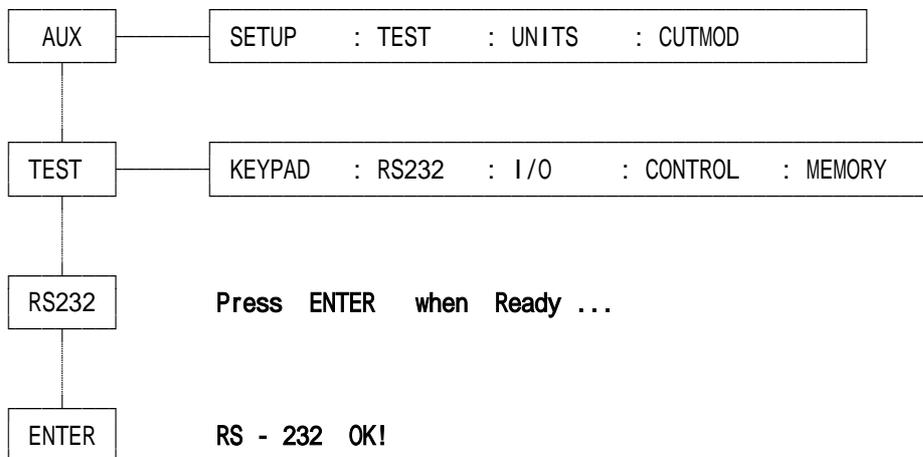
0	TUPP		4	PLSE	가
1	TDNP		5	HILO	/
2	THCD		6	LSPR	
3	IGNP		7	DRVE	가

DONE

4-5. RS232C

ASCII

RS-232C
 , RS-232C 2 3

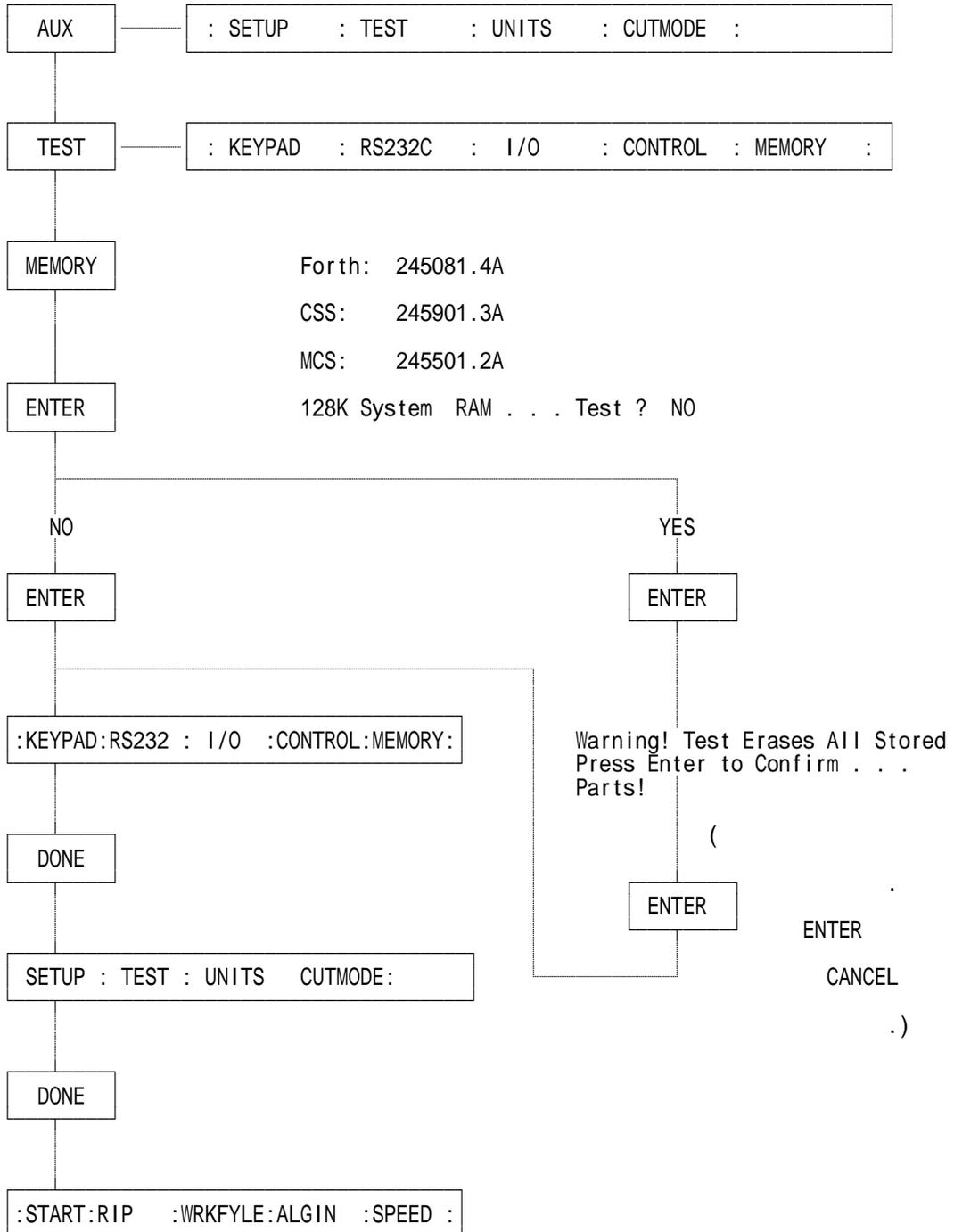


4-6. (MEMORY)

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

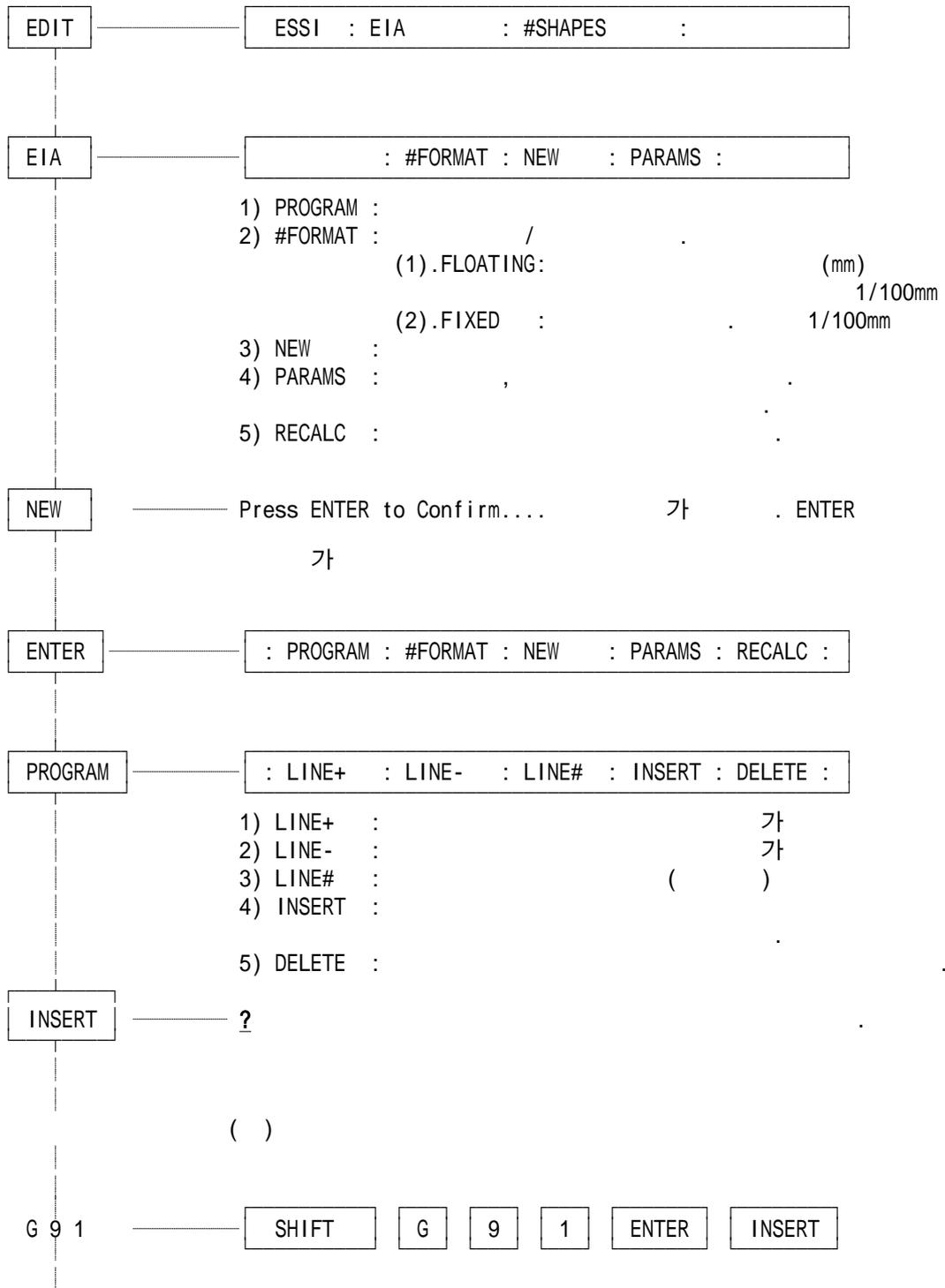


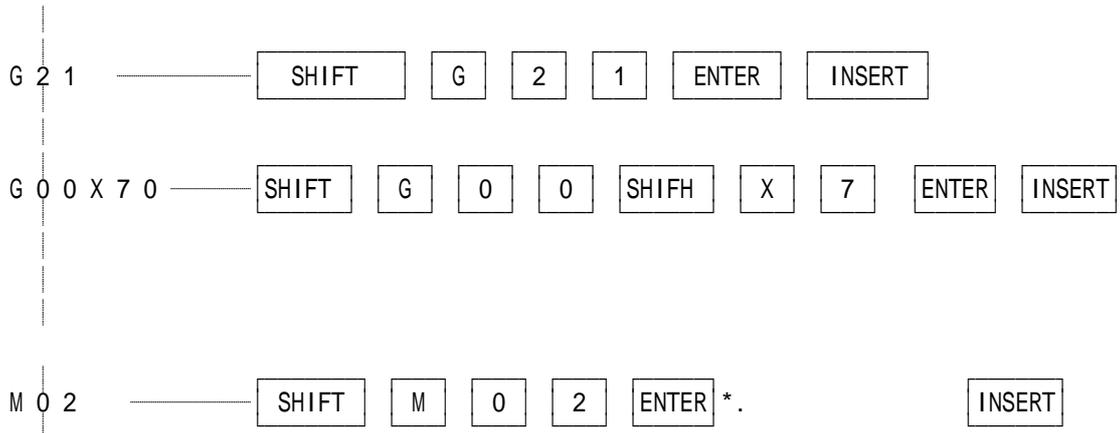
L. M D I(Manual Data Input-)

LYNX

EIA
가

가





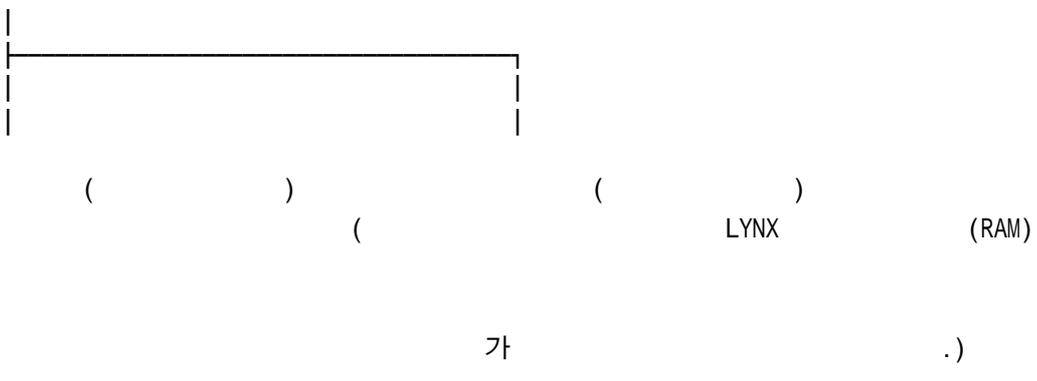
DONE ———— : PROGRAM : #FORMAT : NEW : PARAMS : RECALC :

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			

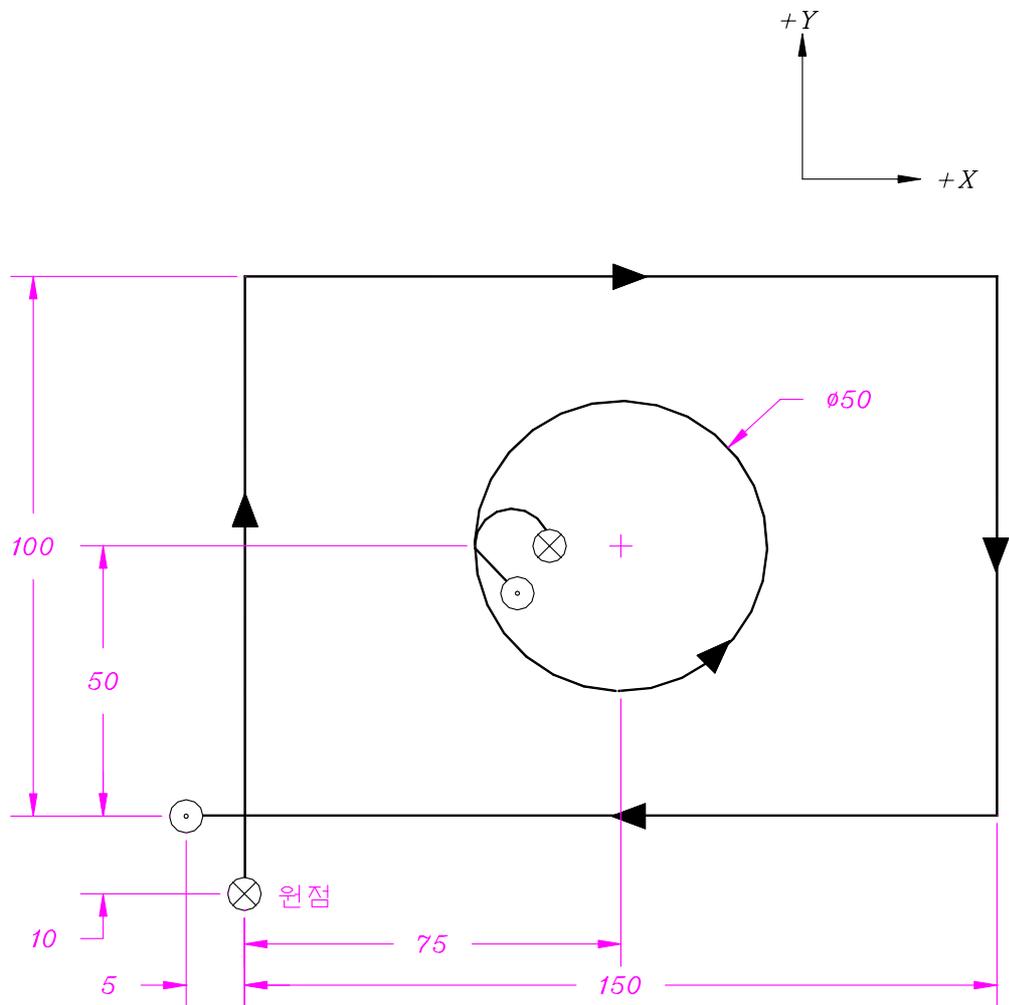
NOTE : (■)

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 *

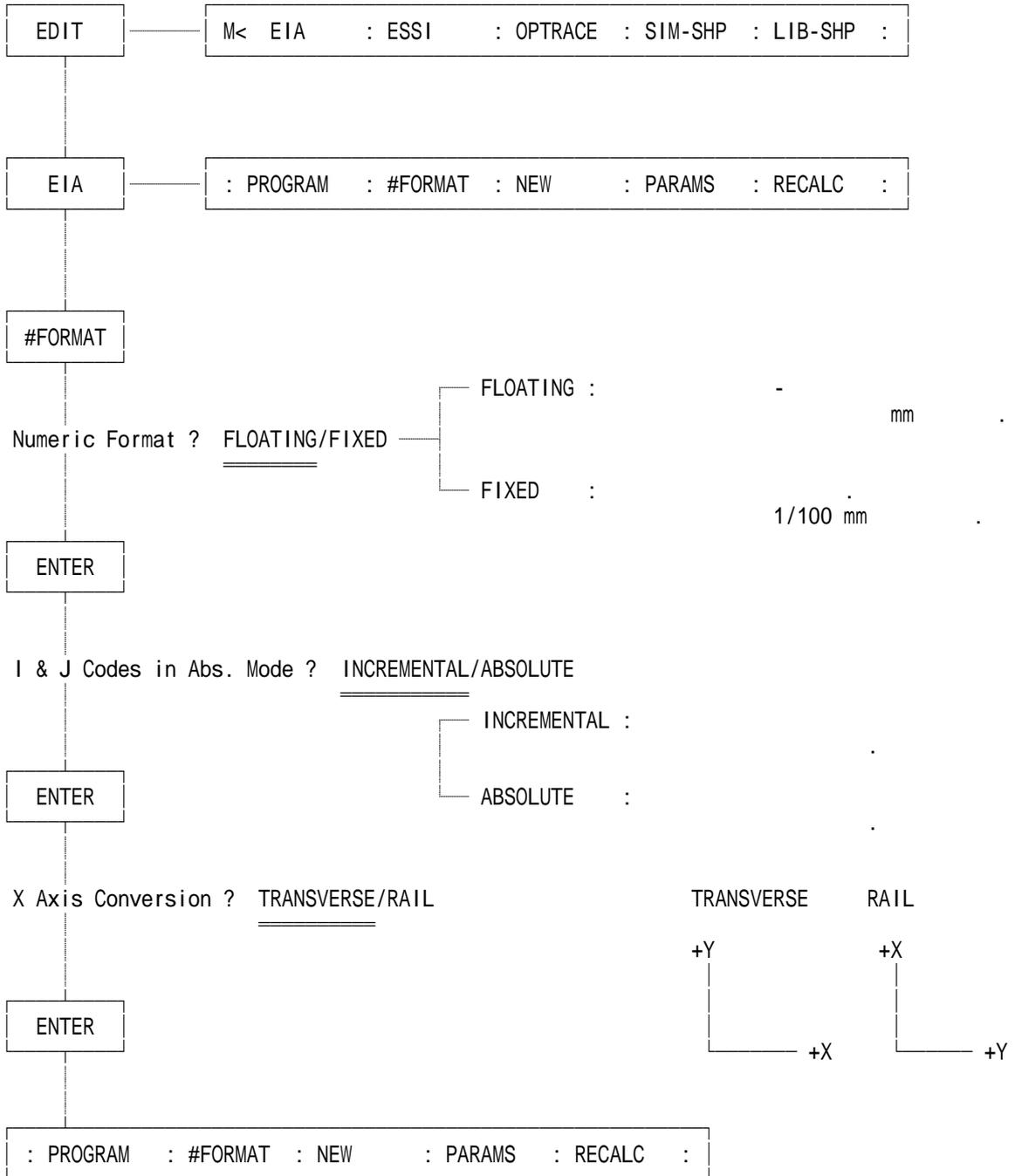
G40 *

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 %"