

# Anilam 5000 / 6000 Series DXF import

This presentation will guide you through the steps to create programs from DXF files.

## Instructions:

Descriptions are provided at the top of the screen, instructions are provided at the bottom. Use mouse to select menu items as instructed, or simply press space bar to advance to next step.

You can also use these icons for previous, home, and next screens.



**Note:** Sometimes your cursor may disappear, simply move the mouse and the cursor will re-appear.



This is the Manual screen when you first enter the CNC software

PROGRAM :		HALTED	<b>MANUAL</b>	IN-POSN
COMMAND : _				
MESSAGE :				
<b>MACHINE</b>		<b>PROGRAM</b>		<b>TARGET</b>
X +	0.0000	X +	0.0000	X
Y +	0.0000	Y +	0.0000	Y
Z +	0.0000	Z +	0.0000	Z
U +	0.0000	U +	0.0000	U
W +	0.0000	W +	0.0000	W
<b>DIST. TO GO</b>				
X +	0.0000			
Y +	0.0000			
Z +	0.0000			
U +	0.0000			
W +	0.0000			
TOOL : 0		RPM : 0	٪ : 100	LOOP : 0
DIA : 0.0000		FEED : 0.0	٪ : 100	FIXTURE : 0
LENG : 0.0000		DWELL : 0.0		
G : G01 G17 G40 G70 G90			OVERRIDE : FEED, RAPID	
M : M05 M09			PARTS : 0	
			TIMER : 00:00:00 (00:00:00)	
<b>Help</b> <b>Program</b> <b>Edit</b> <b>Manual</b> <b>S.Step</b> <b>Auto</b> <b>Delete</b> <b>Insert</b> <b>Tool</b> <b>HandWI</b>				

Select the **Program** 'softkey' from the menu by clicking with mouse



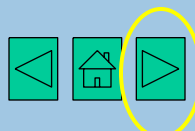
This page shows the programs located in the C:\User directory of the hard drive

<b>1.G</b>	G49.G	TONY.G
2.G	G59-2.G	WINDOW-M.G
4AX-DRL.G	G68-COM2.G	
4AX-THD.G	HELICOMP.G	
5AX-MIL.G	LETR230.G	
A.G	LETRCAL1.G	
ANILAM.G	MERC-COM.G	
BLOCK.G	MULTIP~1.G	
CH6-3-X1.G	PARALLEL.G	
CH6-3-X2.G	POCKETS.G	
CH6-3-X4.G	Q.G	
CONTOUR.G	RICHARD.G	
DRAFT-2.G	SAMPLE-1.G	
DRFTPC2.G	SAMPLE-2.G	
EXA1.G	SAMPLE-3.G	
EXA2.G	SAMPLE-4.G	
EXA3.G	SAMPLE-5.G	
EXB1.G	SAMPLE-6.G	
EXB2.G	SAMPLE-7.G	
FIG74.G	SAMPLE-8.G	
FMOULD.G	SAMPLE-9.G	
FRED.G	SCALLOP.G	
FRED2.G	STOCKVAR.G	
G45.G	TC.G	

C:\USER SELECTED PROGRAM:

Create	Delete	CAM	List	Select	Draw	Edit	Utility	Exit
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In the CNC we use a shift key to see more menu options – press space bar or click next now



Display shows additional menu selections (Shift)

The screenshot shows a menu interface with a list of program files. The files are arranged in three columns. The first column contains files from 1.G to G45.G. The second column contains files from G49.G to STOCKVAR.G. The third column contains files TC.G, TONY.G, and WINDOW-M.G. Below the list, there is a status bar with the text 'C:\USER' and 'SELECTED PROGRAM:'. At the bottom, there is a navigation bar with several buttons: 'Sub Dir', 'Del ?', 'List ?', 'Log', 'Edit ?', 'Display', and 'SHIFT'. The 'Display' button is circled in yellow.

1.G	G49.G	TC.G
2.G	G59-2.G	TONY.G
4AX-DRL.G	G68-COM2.G	WINDOW-M.G
4AX-THD.G	HELICOMP.G	
5AX-MIL.G	LETR230.G	
A.G	LETRCAL1.G	
ANILAM.G	MERC-COM.G	
BLOCK.G	MULTIP~1.G	
CH6-3-X1.G	PARALLEL.G	
CH6-3-X2.G	POCKETS.G	
CH6-3-X4.G	Q.G	
CONTOUR.G	RICHARD.G	
DRAFT-2.G	ROBIN2.G	
DRFTPC2.G	SAMPLE-1.G	
EXA1.G	SAMPLE-2.G	
EXA2.G	SAMPLE-3.G	
EXA3.G	SAMPLE-4.G	
EXB1.G	SAMPLE-5.G	
EXB2.G	SAMPLE-6.G	
FIG74.G	SAMPLE-7.G	
FMOULD.G	SAMPLE-8.G	
FRED.G	SAMPLE-9.G	
FRED2.G	SCALLOP.G	
G45.G	STOCKVAR.G	

C:\USER SELECTED PROGRAM:

Sub Dir Del ? List ? Log Edit ? Display SHIFT

Click **Display** 'softkey' to change display type



Display now shows file size, date, and time information

1.G	194	11/21/2001	02:52	pm
2.G	149	08/22/2002	02:34	pm
4AX-DRL.G	452	03/19/1992	10:02	am
4AX-THD.G	201	11/11/1991	07:46	am
5AX-MIL.G	399	03/19/1992	10:03	am
A.G	61	04/24/2001	11:51	am
ANILAM.G	6,156,696	10/09/2002	11:05	am
BLOCK.G	150	07/31/2002	09:44	am
CH6-3-X1.G	225	06/13/1991	07:23	am
CH6-3-X2.G	253	06/13/1991	07:26	am
CH6-3-X4.G	207	03/19/1992	10:03	am
CONTOUR.G	6,820	03/26/2002	02:05	pm
DRAFT-2.G	547	03/19/1992	10:04	am
DRFTPC2.G	1,798	07/29/1991	10:37	am
EXA1.G	825	07/29/1991	08:21	am
EXA2.G	812	07/29/1991	08:27	am
EXA3.G	1,343	03/19/1992	10:14	am
EXB1.G	781	08/30/1999	12:34	am
EXB2.G	1,670	11/11/1991	08:00	am
FIG74.G	583	03/19/1992	10:17	am
FMOULD.G	8,018	07/30/2002	04:59	pm
FRED.G	121	06/21/2001	10:26	am
FRED2.G	106	06/19/2001	12:09	am
G45.G	688	07/29/1991	08:45	am

C:\USER	SELECTED PROGRAM:
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Create	Delete	CAM	List	Select	Draw	Edit	Utility	Exit
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Using Shift / Display again will show different display options – press space bar or click next





Required DXF file is highlighted

..\	4AX-THD.G	FIG74.G	ROBIN2.FXD	TC.G
DXF\	5AX-MIL.G	FMOULD.G	ROBIN2.G	TONY.1
1.CAM	A.G	FMOULD.S	ROBIN2.S	TONY.CAM
1.G	A.S	FRED.G	SAMPLE-1.G	TONY.G
1.GEO	ANILAM.G	FRED.S	SAMPLE-1.S	TONY.GEO
1.S	ANILAM.S	FRED2.G	SAMPLE-2.CAM	TONY.S
2.1	BLOCK.G	G45.G	SAMPLE-2.G	WINDOW-M.G
2.CAM	BLOCK.S	G49.G	SAMPLE-2.GEO	WINDOW-M.S
2.G	CH6-3-X1.G	G59-2.G	SAMPLE-3.CAM	
2.GEO	CH6-3-X1.S	G68-COM2.G	SAMPLE-3.G	
2.S	CH6-3-X2.G	HELICOMP.G	SAMPLE-3.GEO	
2.T1	CH6-3-X4.G	LETR230.G	SAMPLE-4.CAM	
3AX-SP10.M	CONTOUR.G	LETRCAL1.G	SAMPLE-4.G	
3AX-SP2.M	CONTOUR.S	MERC-CON.G	SAMPLE-4.GEO	
3AX-SP3.M	DRAFT-2.G	MERC-CON.S	SAMPLE-5.CAM	
3AX-SP5.M	DRAFT-2.S	MULTIP~1.G	SAMPLE-5.G	
3AX-SP6.M	DRFTPC2.G	MULTIP~1.S	SAMPLE-5.GEO	
3AX-SP7.CAM	DRFTPC2.S	PARALLEL.G	SAMPLE-6.G	
3AX-SP7.GEO	EXA1.G	PARALLEL.S	SAMPLE-7.G	
3AX-SP7.M	EXA1.S	POCKETS.G	SAMPLE-8.G	
3AX-SP8.M	EXA2.G	Q.G	SAMPLE-9.G	
3AX-SP9.M	EXA3.G	QWE.M	SCALLOP.G	
4AX-DRL.G	EXB1.G	RICHARD.G	SCALLOP.S	
4AX-DRL.S	EXB2.G	<b>ROBIN2.DXF</b>	STOCKVAR.G	

C:\USER SELECTED PROGRAM:

Create	Delete	CAM	List	Select	Draw	Edit	<b>Utility</b>	Exit
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Click **Utility** from the menu



Options from the Utility menu are displayed

..\	4AX-THD.G	FIG74.G	ROBIN2.FXD	TC.G
DXF\	5AX-MIL.G	FMOULD.G	ROBIN2.G	TONY.1
1.CAM	A.G	FMOULD.S	ROBIN2.S	TONY.CAM
1.G	A.S	FRED.G	SAMPLE-1.G	TONY.G
1.GEO	ANILAM.G	FRED.S	SAMPLE-1.S	TONY.GEO
1.S	ANILAM.S	FRED2.G	SAMPLE-2.CAM	TONY.S
2.1	BLOCK.G	G45.G	SAMPLE-2.G	WINDOW-M.G
2.CAM	BLOCK.S	G49.G	SAMPLE-2.GEO	WINDOW-M.S
2.G	CH6-3-X1.G	G59-2.G	SAMPLE-3.CAM	
2.GEO	CH6-3-X1.S	G68-COM2.G	SAMPLE-3.G	
2.S	CH6-3-X2.G	HELICOMP.G	SAMPLE-3.GEO	
2.T1	CH6-3-X4.G	LETR230.G	SAMPLE-4.CAM	
3AX-SP10.M	CONTOUR.G	LETRCAL1.G	SAMPLE-4.G	
3AX-SP2.M	CONTOUR.S	MERC-CON.G	SAMPLE-4.GEO	
3AX-SP3.M	DRAFT-2.G	MERC-CON.S	SAMPLE-5.CAM	
3AX-SP5.M	DRAFT-2.S	MULTIP~1.G	SAMPLE-5.G	
3AX-SP6.M	DRFTPC2.G	MULTIP~1.S	SAMPLE-5.GEO	
3AX-SP7.CAM	DRFTPC2.S	PARALLEL.G	SAMPLE-6.G	
3AX-SP7.GEO	EXA1.G	PARALLEL.S	SAMPLE-7.G	
3AX-SP7.M	EXA1.S	POCKETS.G	SAMPLE-8.G	
3AX-SP8.M	EXA2.G	Q.G	SAMPLE-9.G	
3AX-SP9.M	EXA3.G	QWE.M	SCALLOP.G	
4AX-DRL.G	EXB1.G	RICHARD.G	SCALLOP.S	
4AX-DRL.S	EXB2.G	ROBIN2.DXF	STOCKVAR.G	

Copy  
 Rename  
 Print  
 Restore  
 Communications  
 DXF Converter  
 More ...

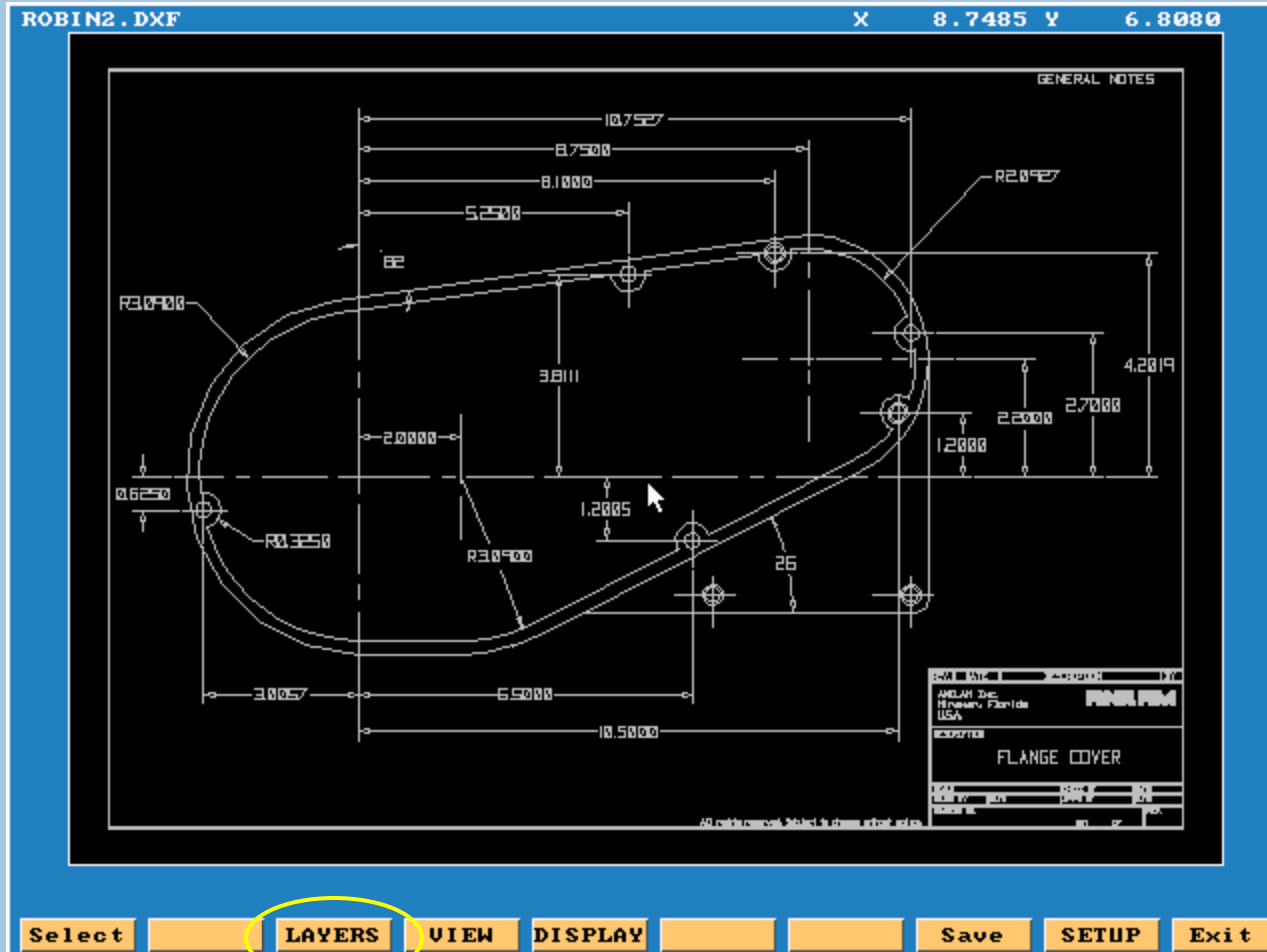
C:\USER SELECTED PR

Click DXF Converter





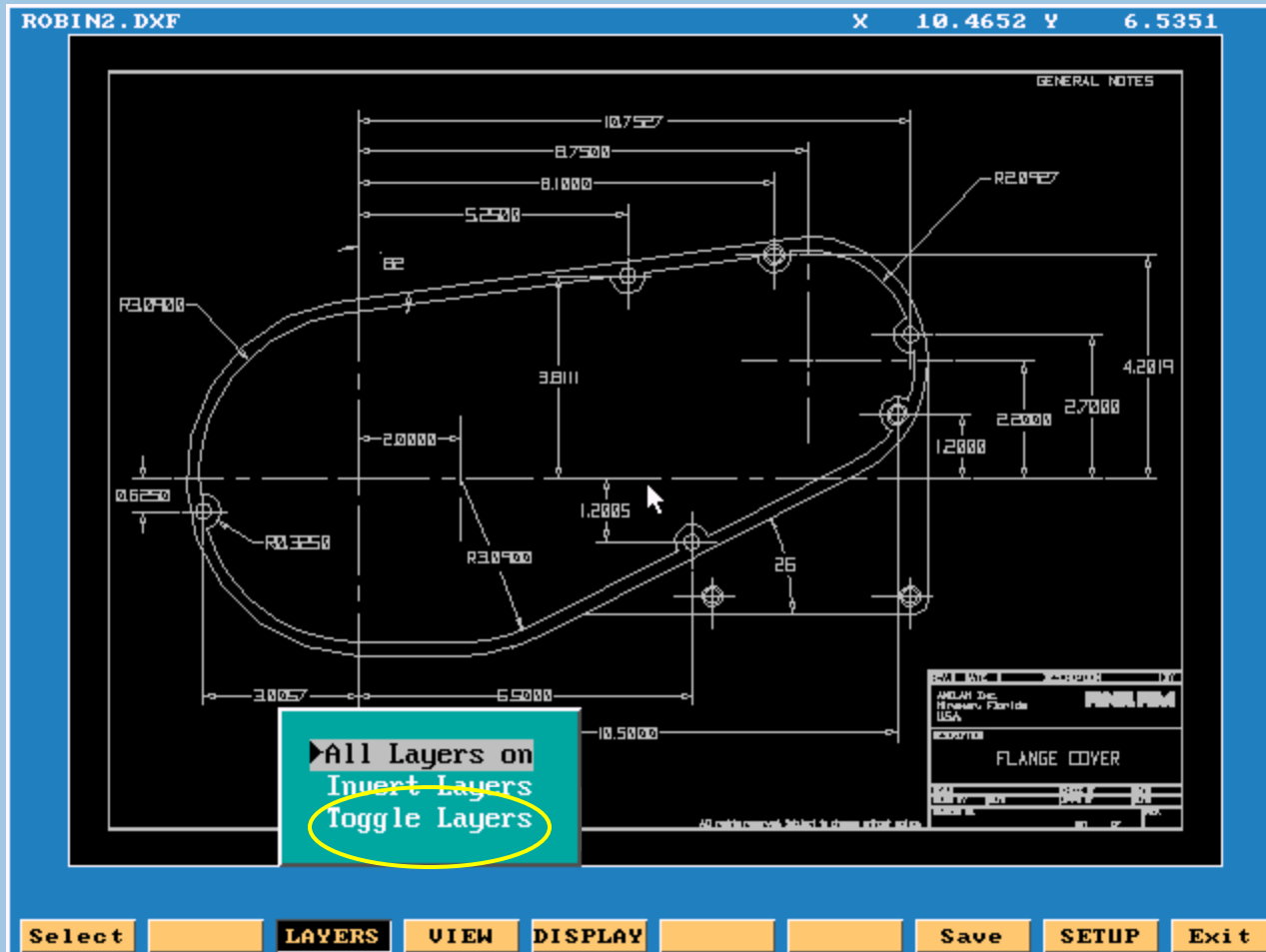
The DXF drawing file is now displayed.  
 The drawing contains many layers, only some are required, these must be selected



To see only the detail we require, click the **Layers** menu

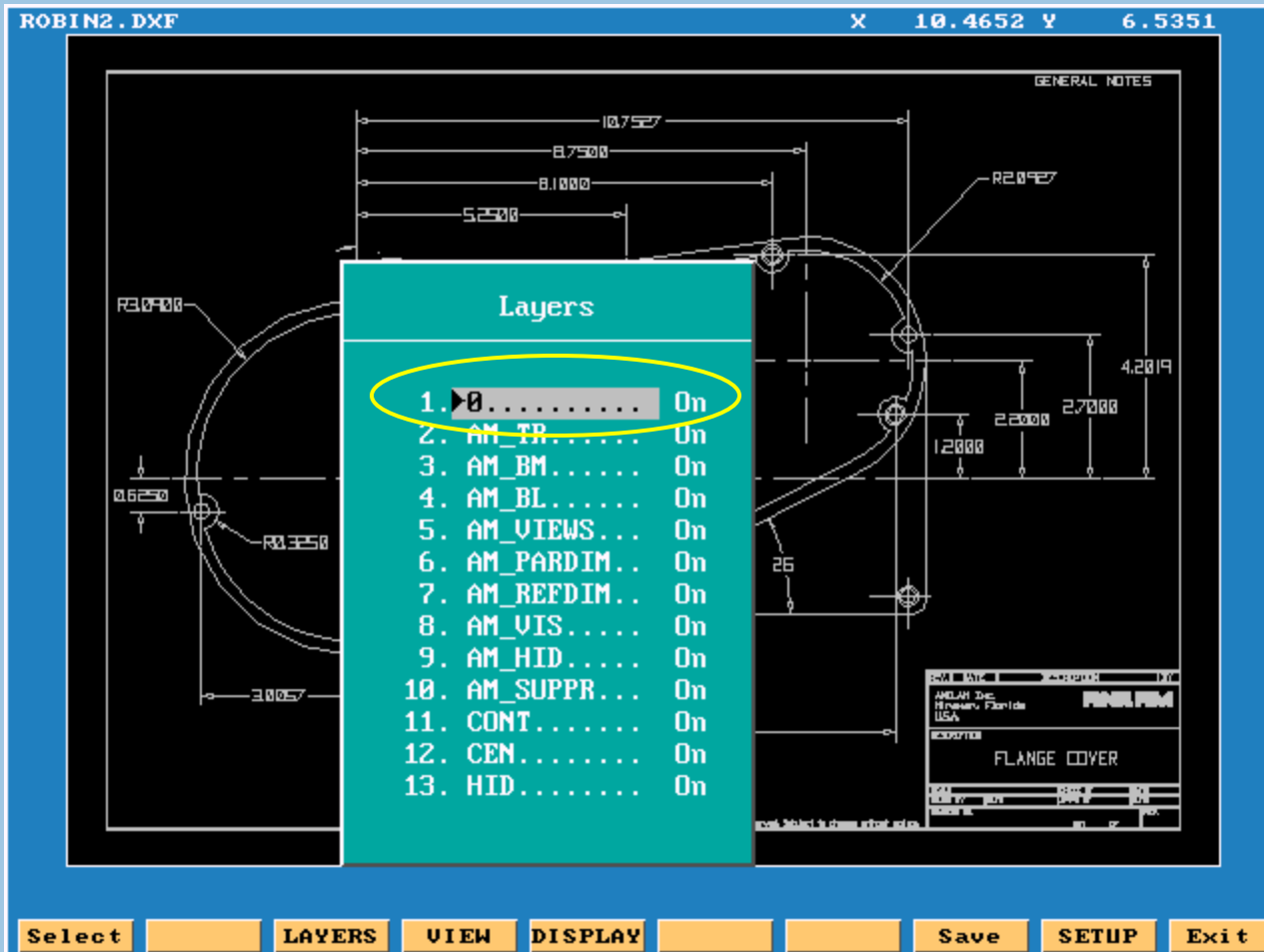
Display of available options for drawing layers

We need to toggle various layers to off so only the required part shape is displayed



Click the **Toggle Layers** menu

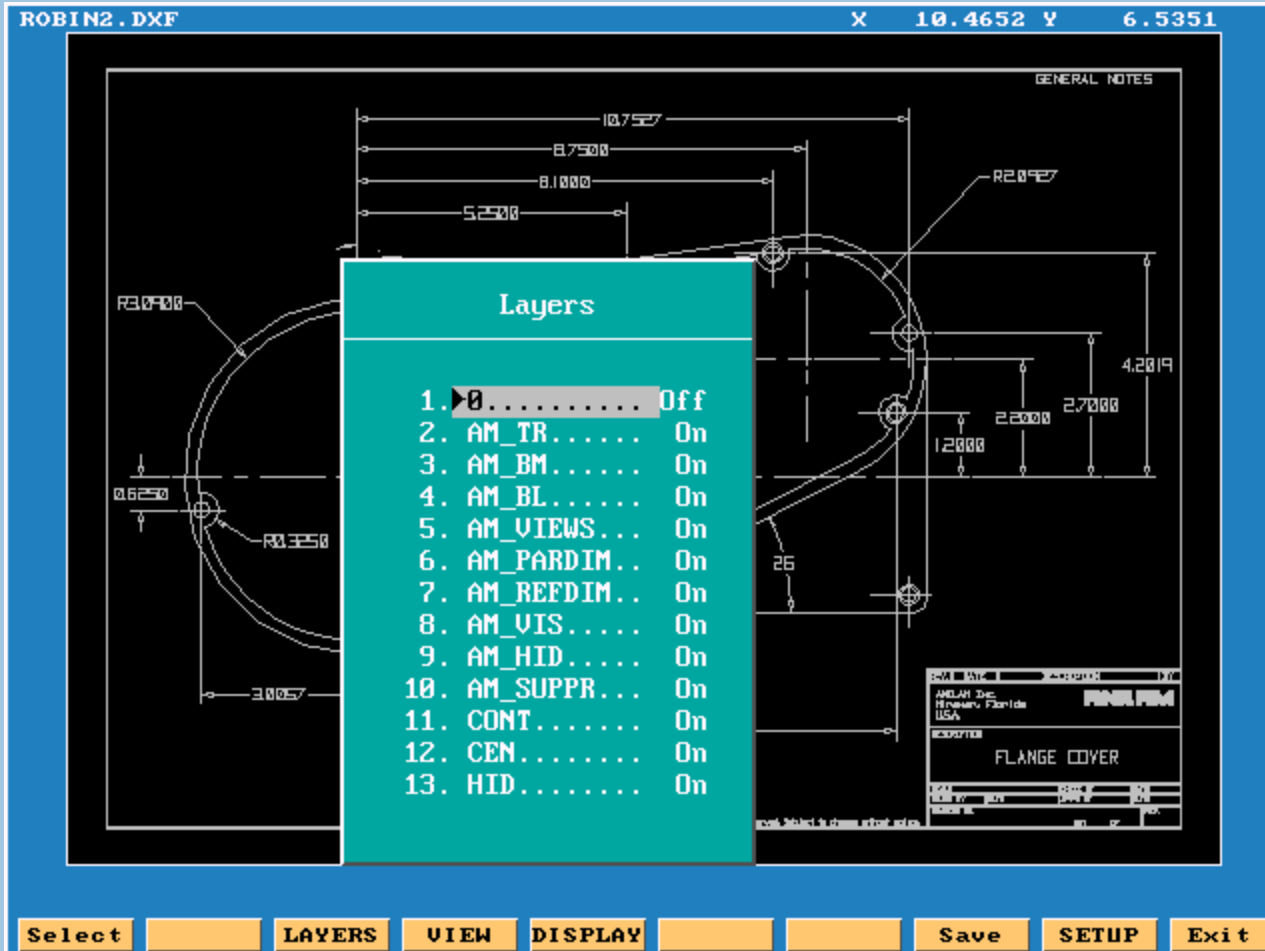
All layers are displayed and can be toggled On, or Off.



Click **1. 0 .....** **On** to toggle this layer to Off

Layer 1 is now set to off and will no longer be displayed.

We repeat this process to set all non essential layers off. In this example, layer 11 is required.

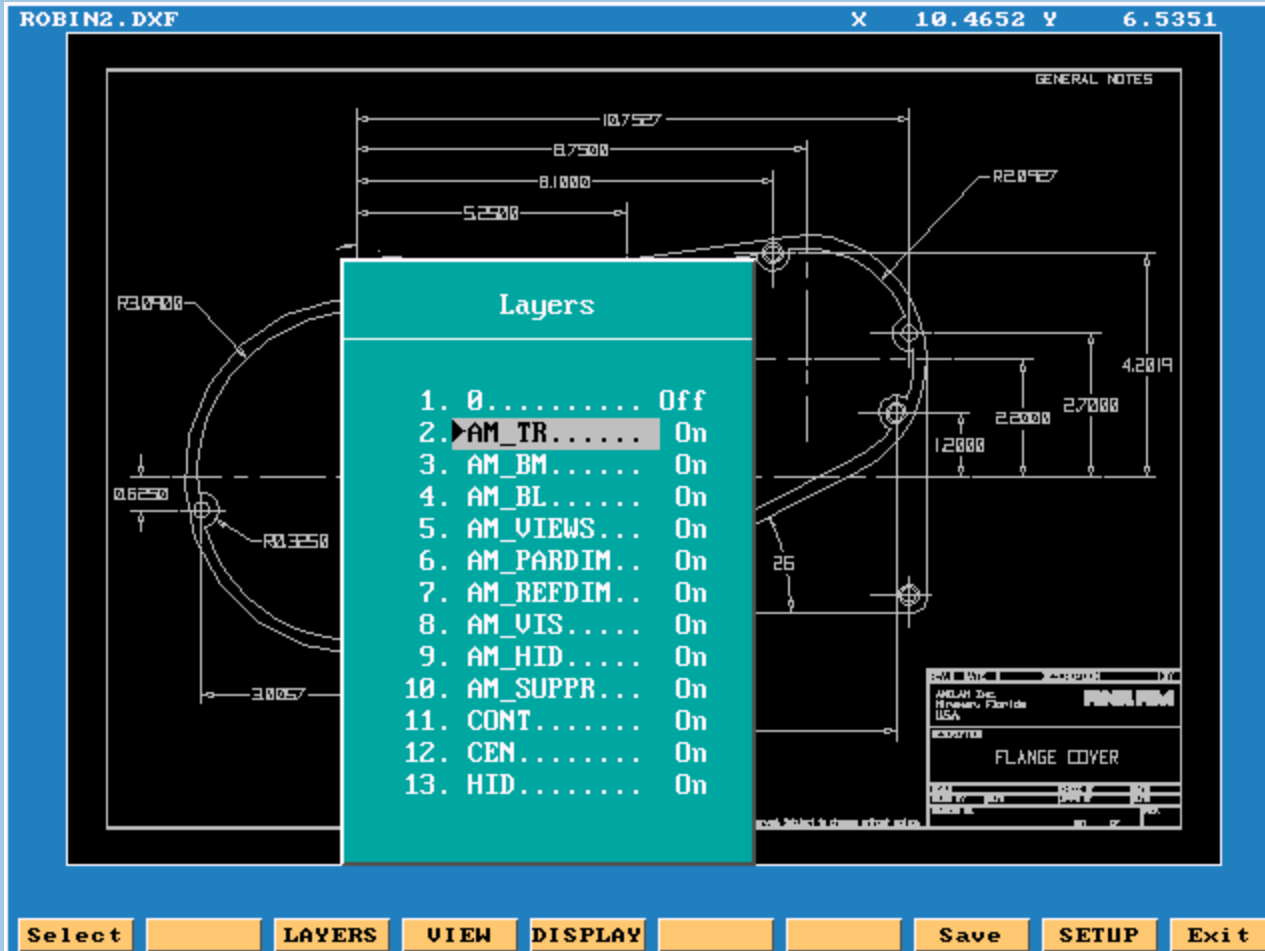


Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off



We repeat this process to set all non essential layers off. In this example, layer 11 is required.

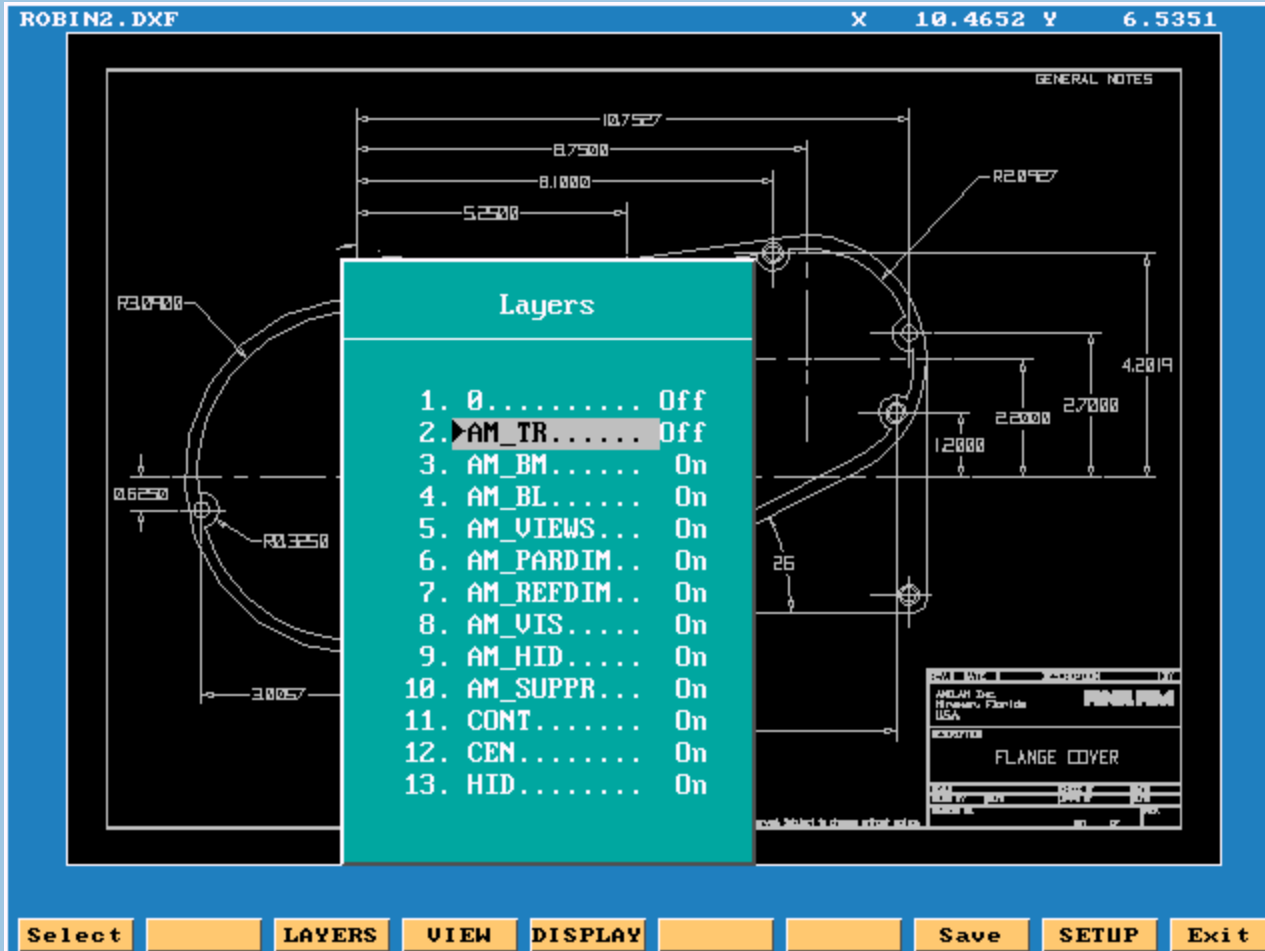


Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off



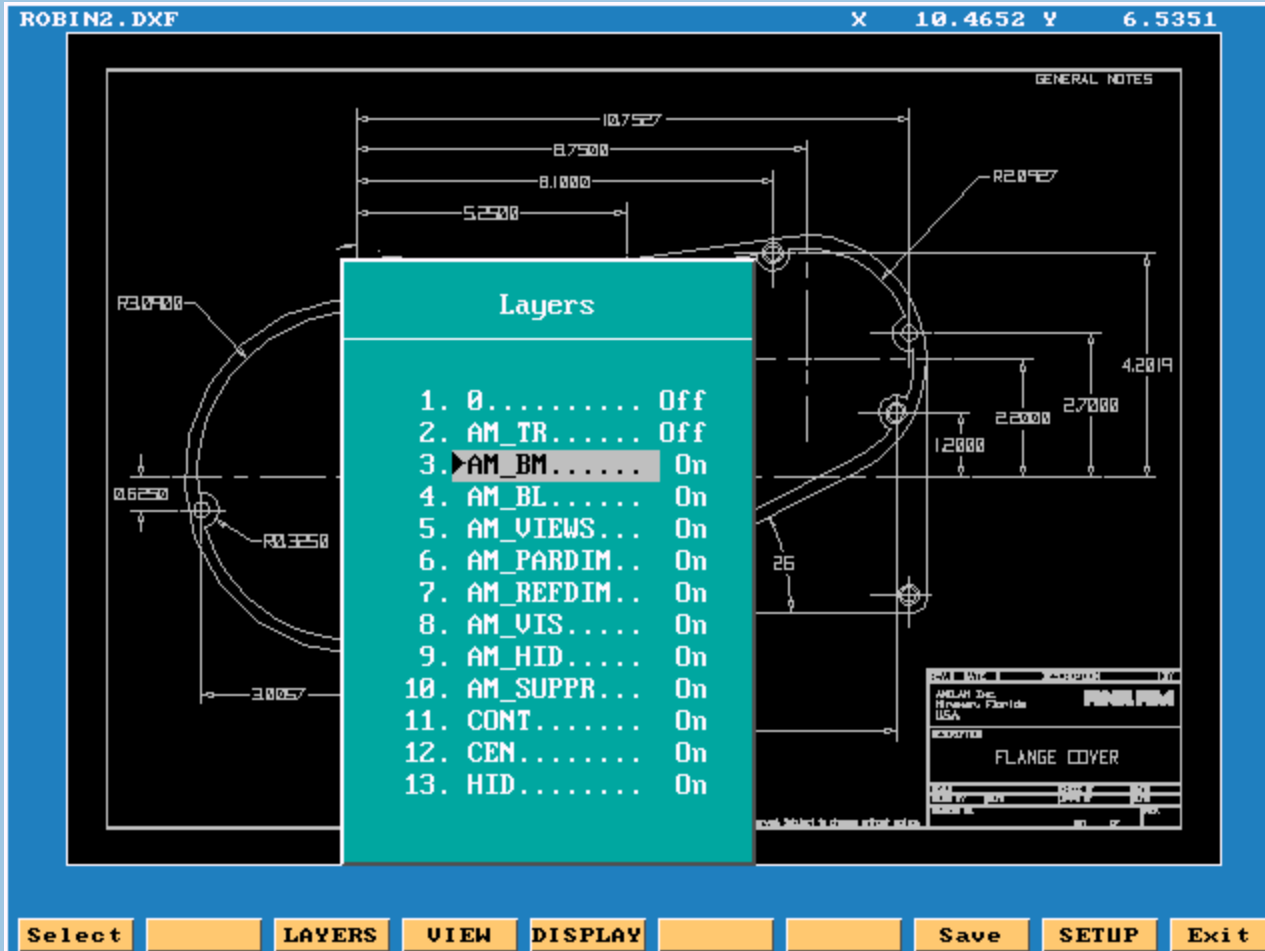
Layer 2 is now set to off and will no longer be displayed.  
 We repeat this process to set all non essential layers off. In this example, layer 11 is required.



Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off



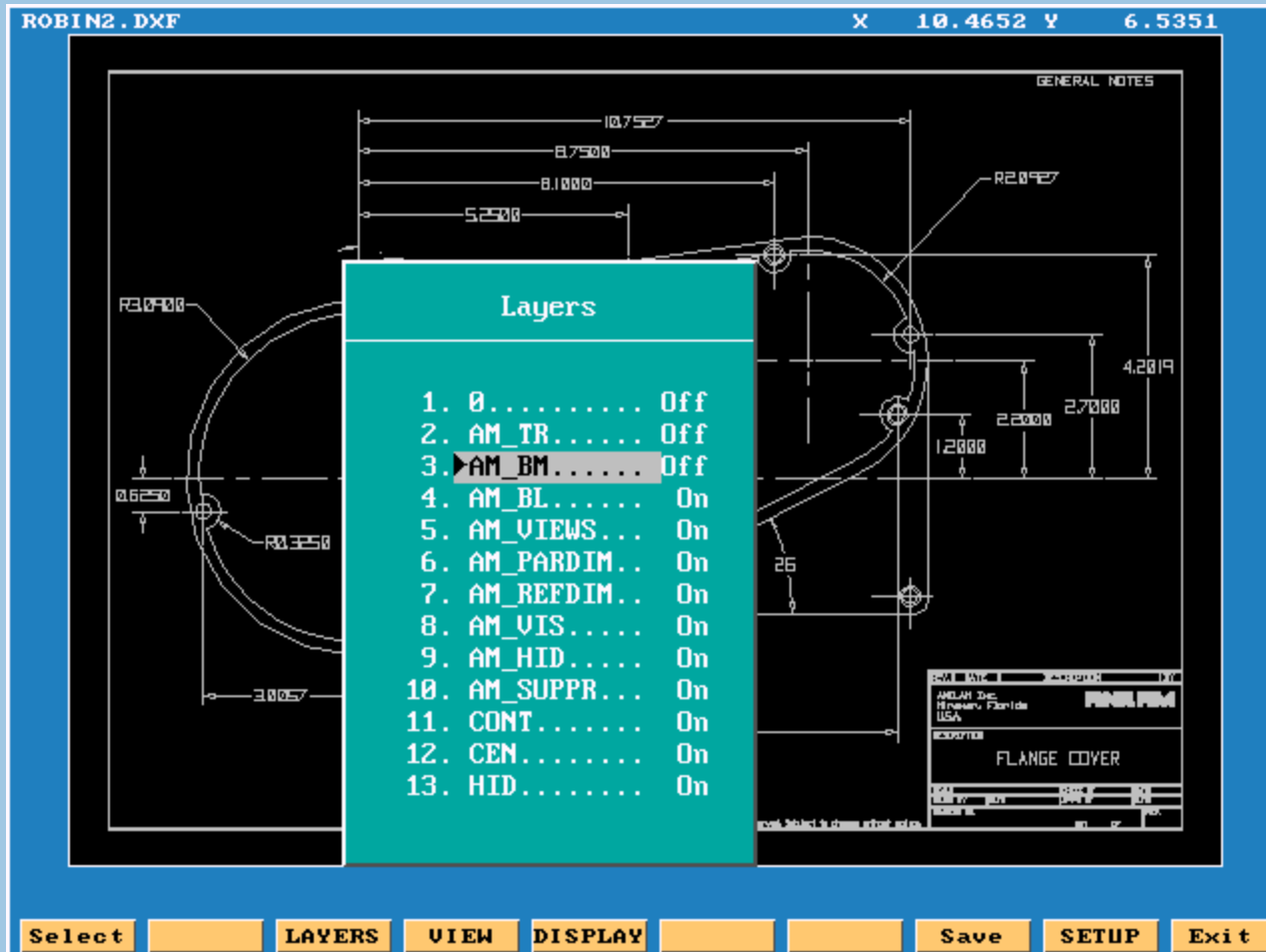


Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off



Layer 3 is now set to off and will no longer be displayed.

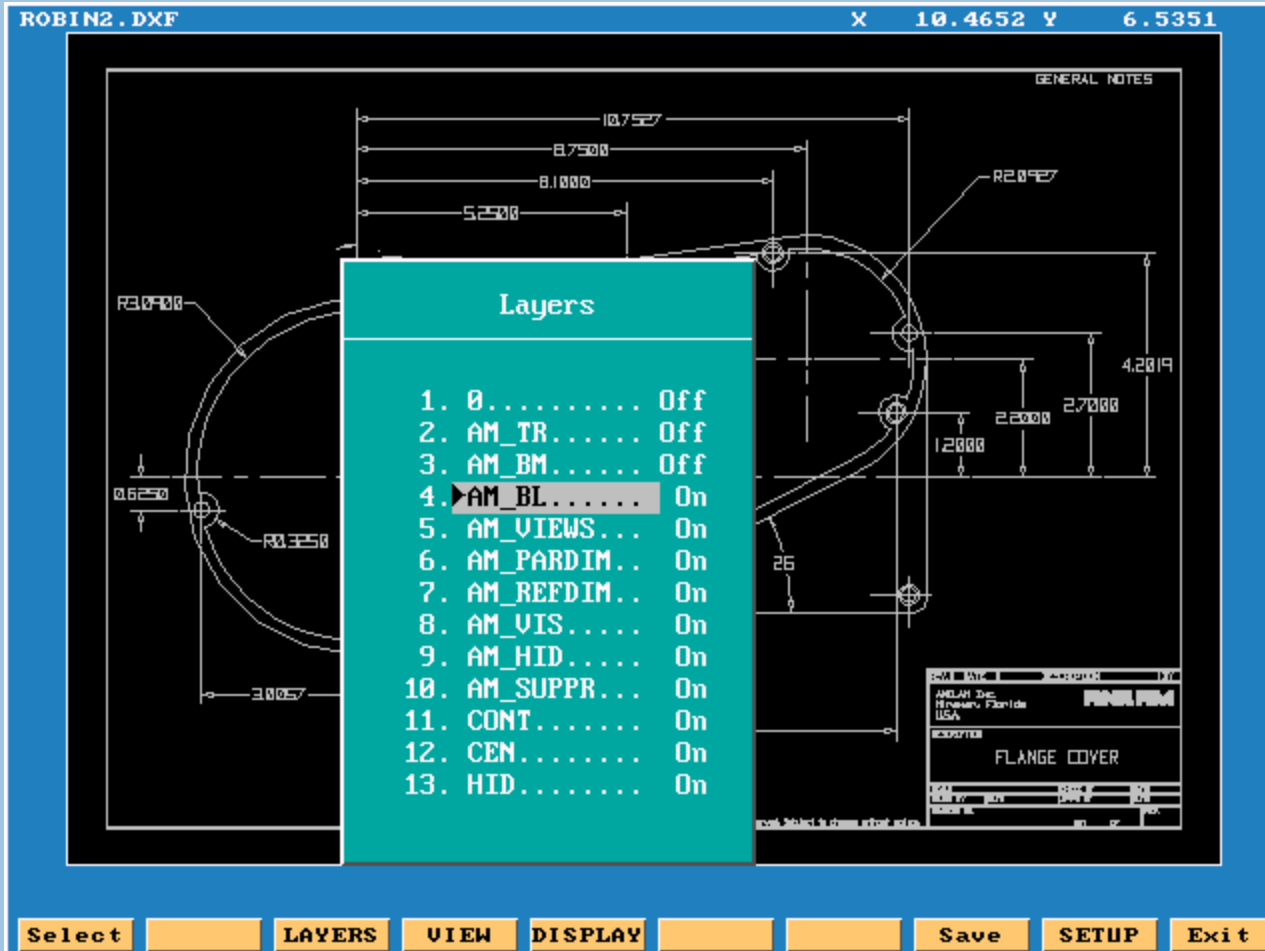


Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off





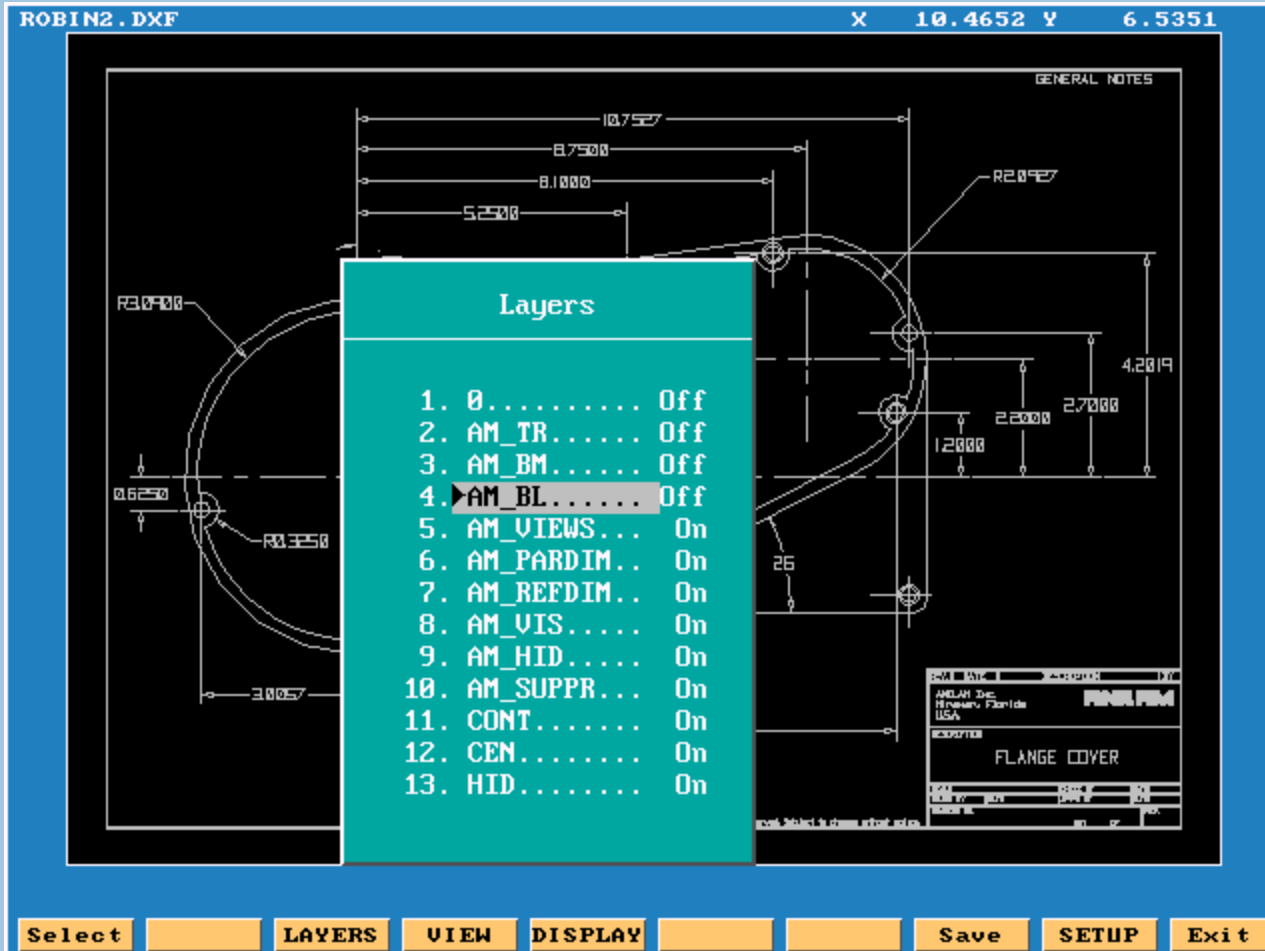


Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off



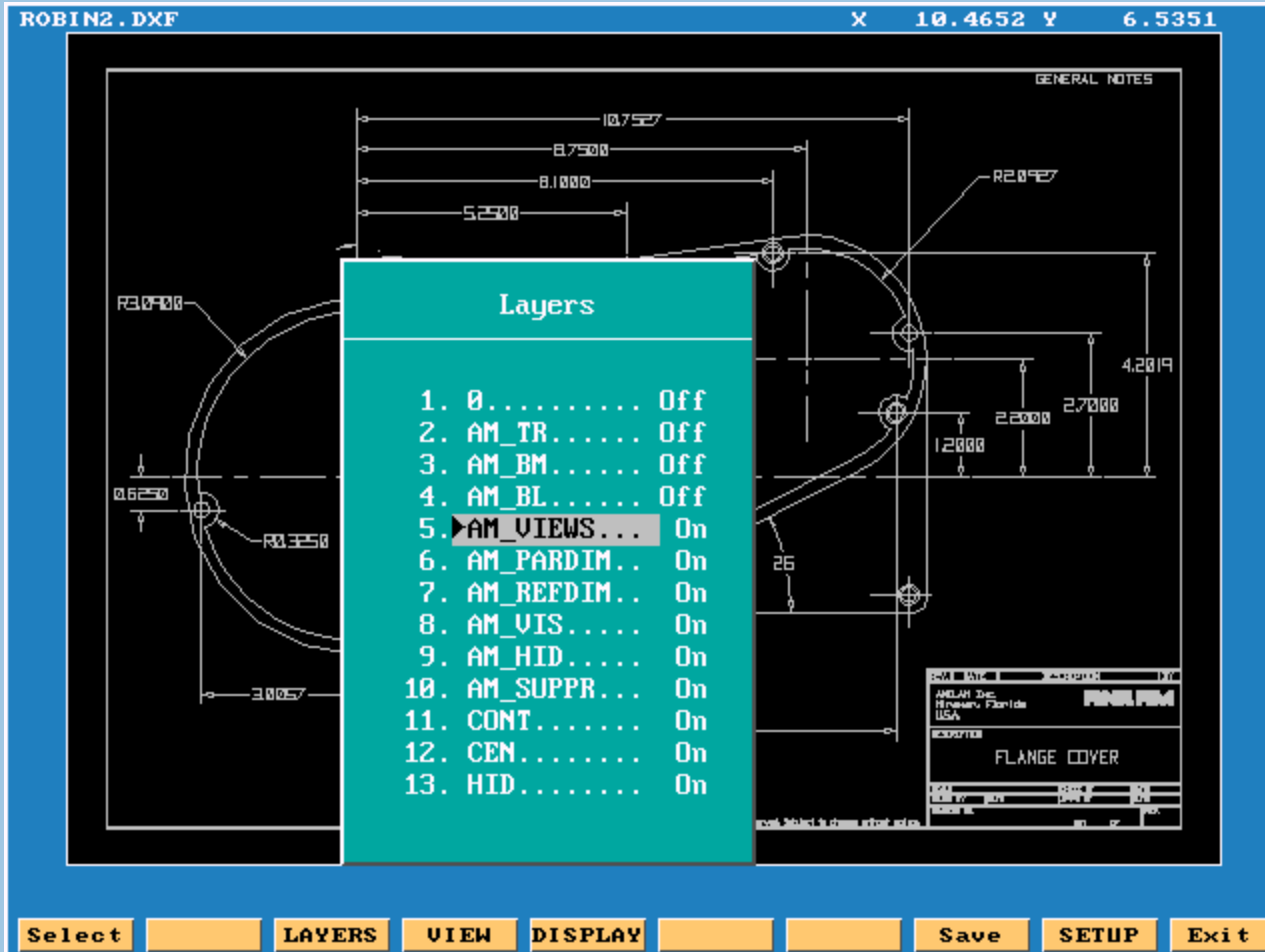
Layer 4 is now set to off and will no longer be displayed.



Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off



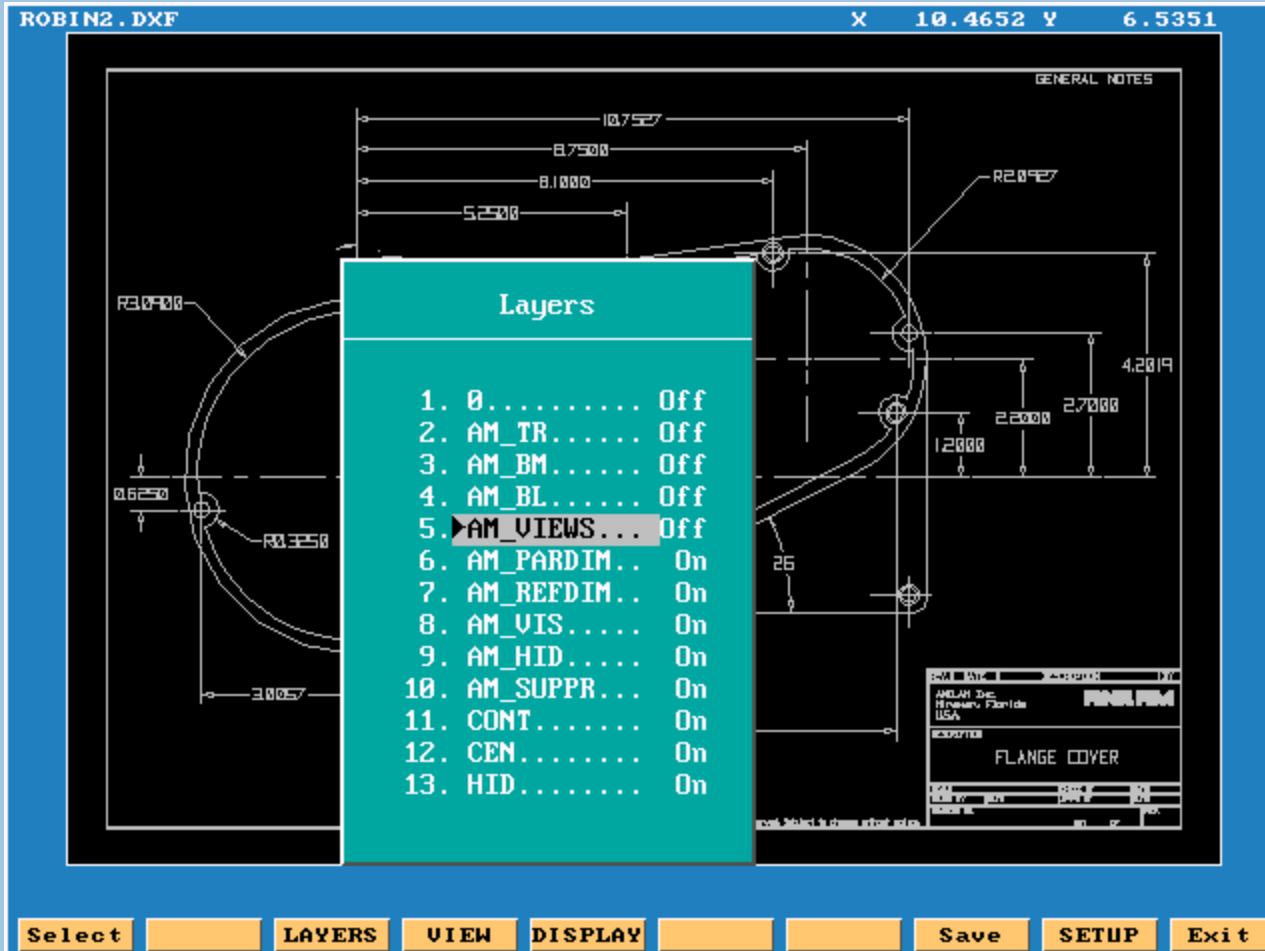


Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off



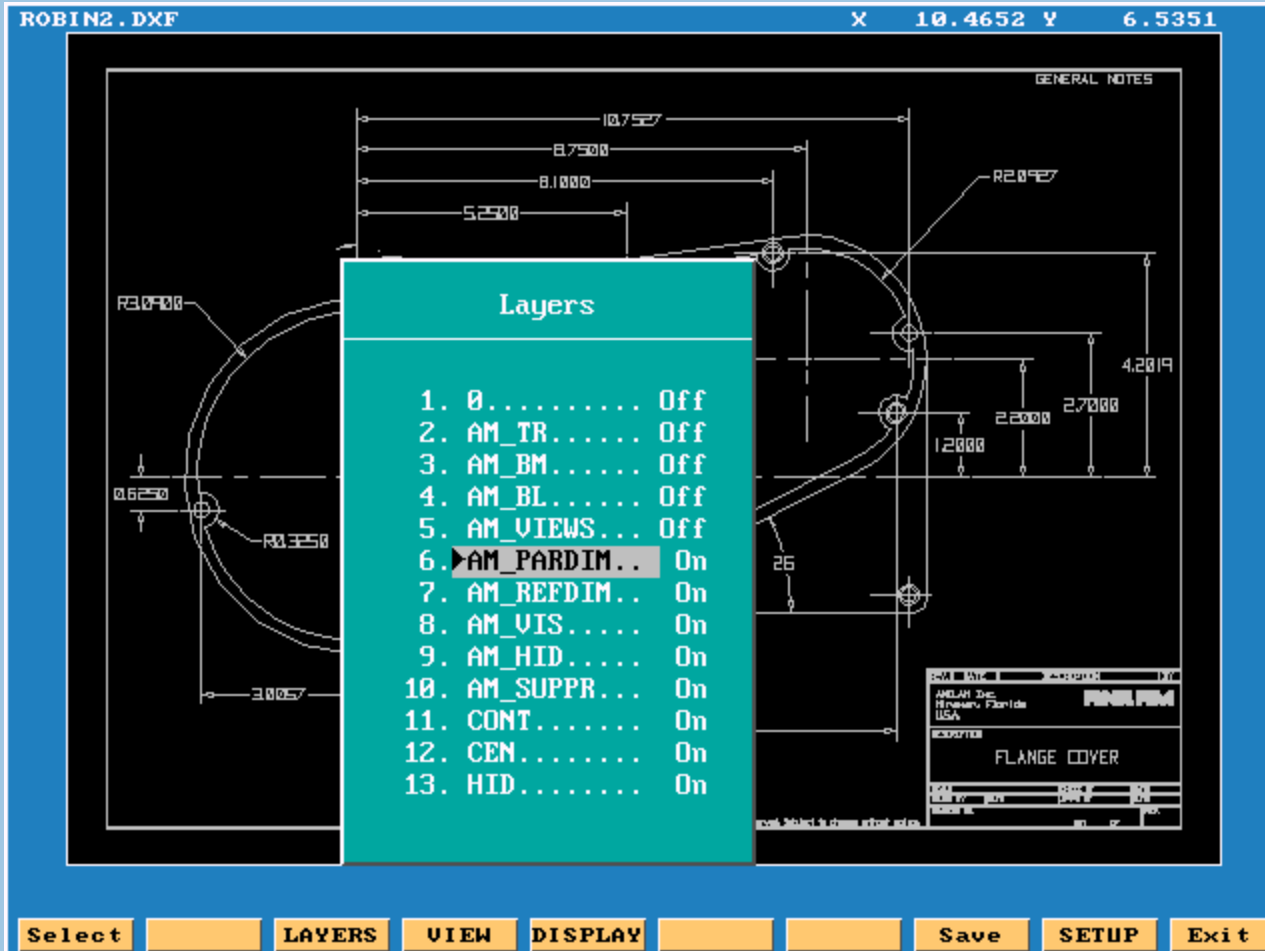
You get the idea now ...



Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off

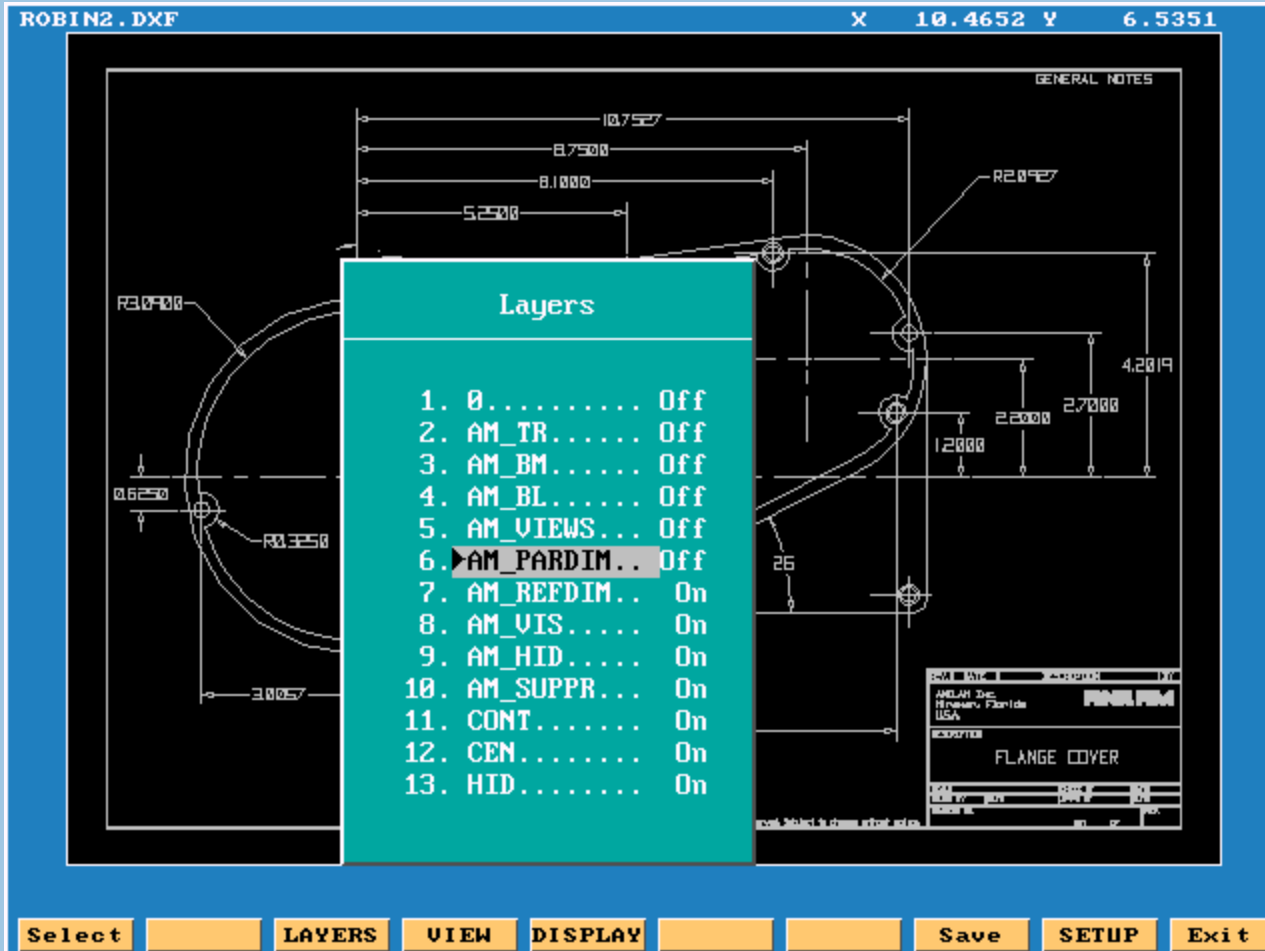




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off

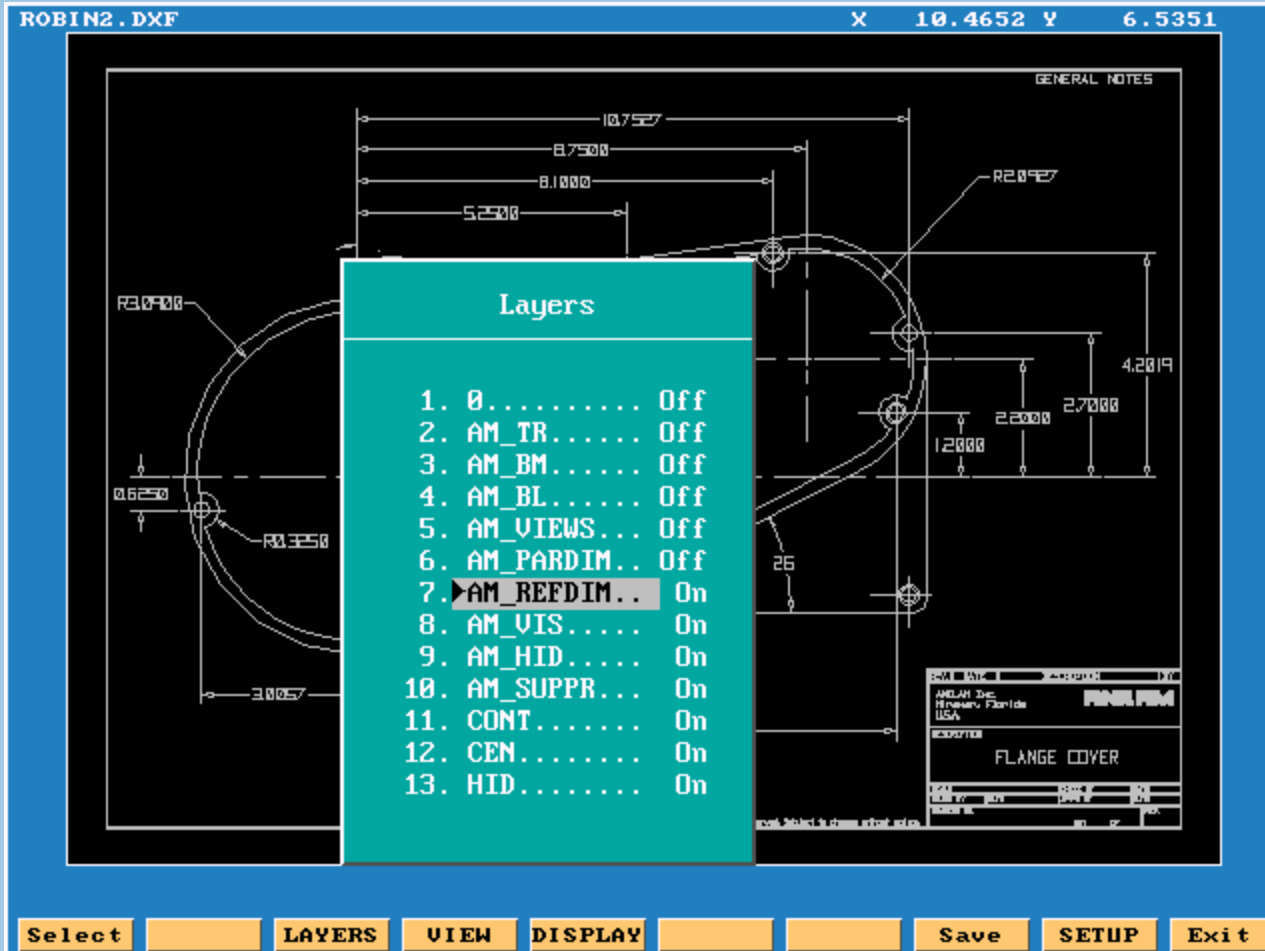




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off

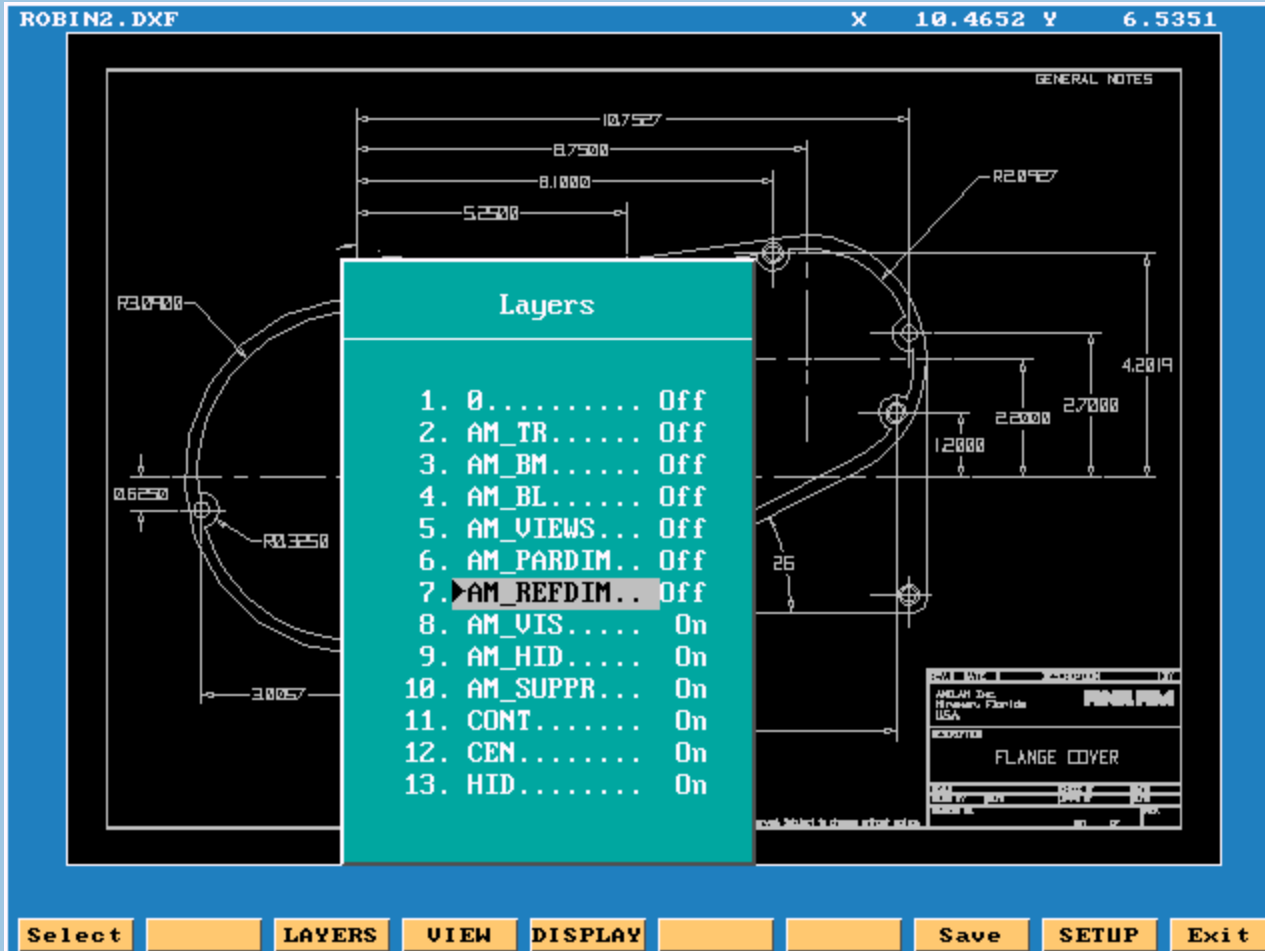




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off



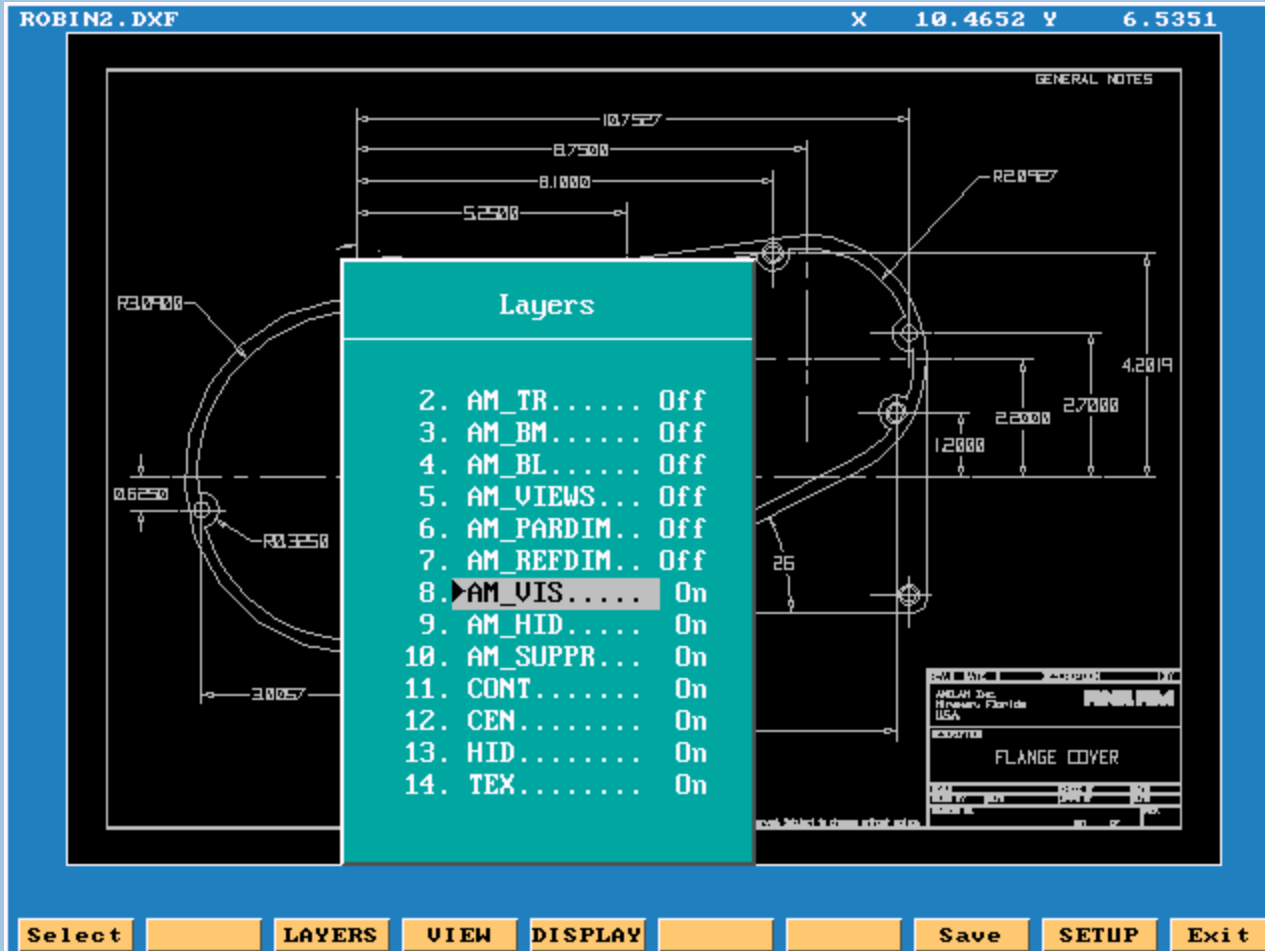


Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off



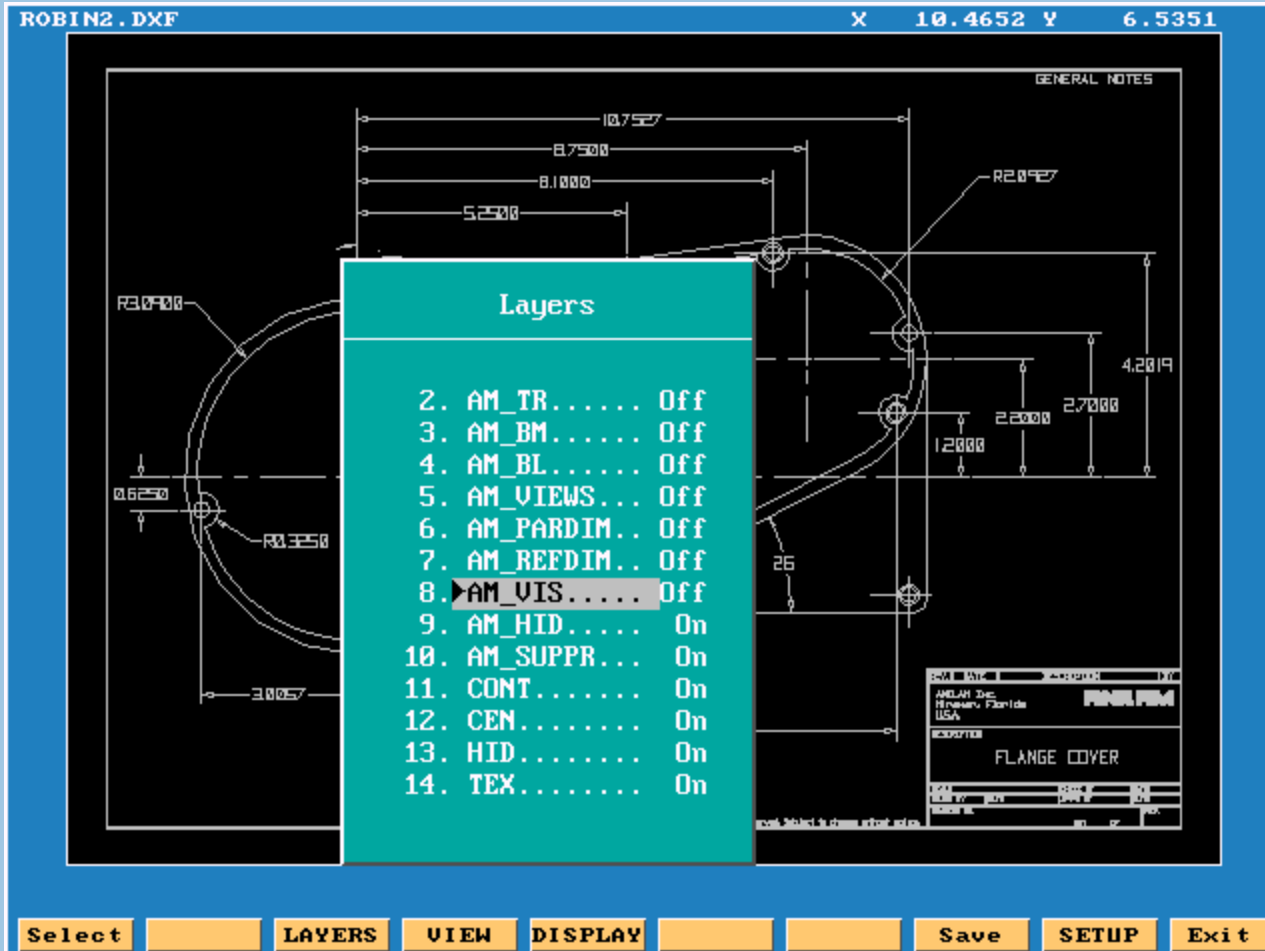




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off

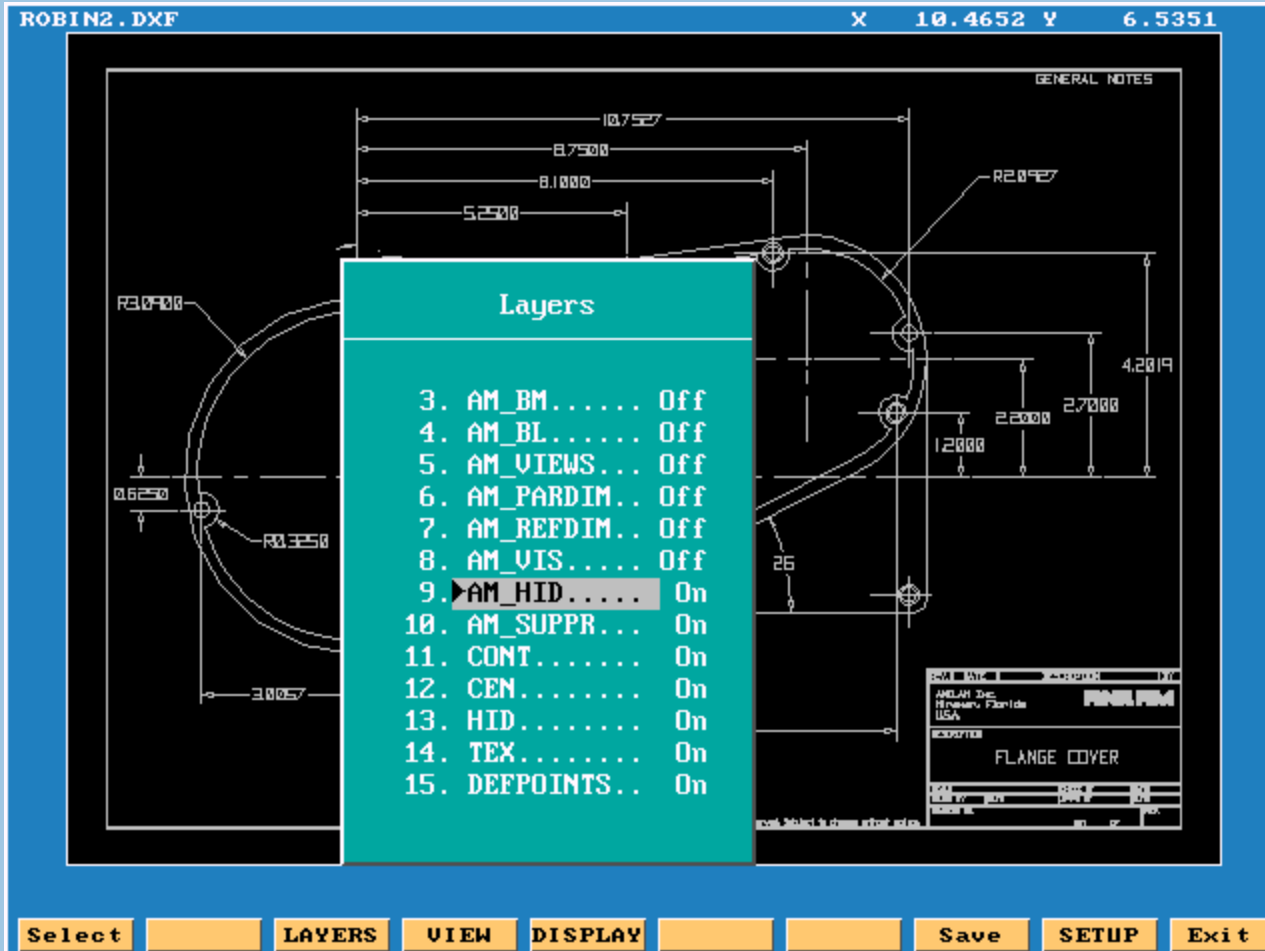




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off

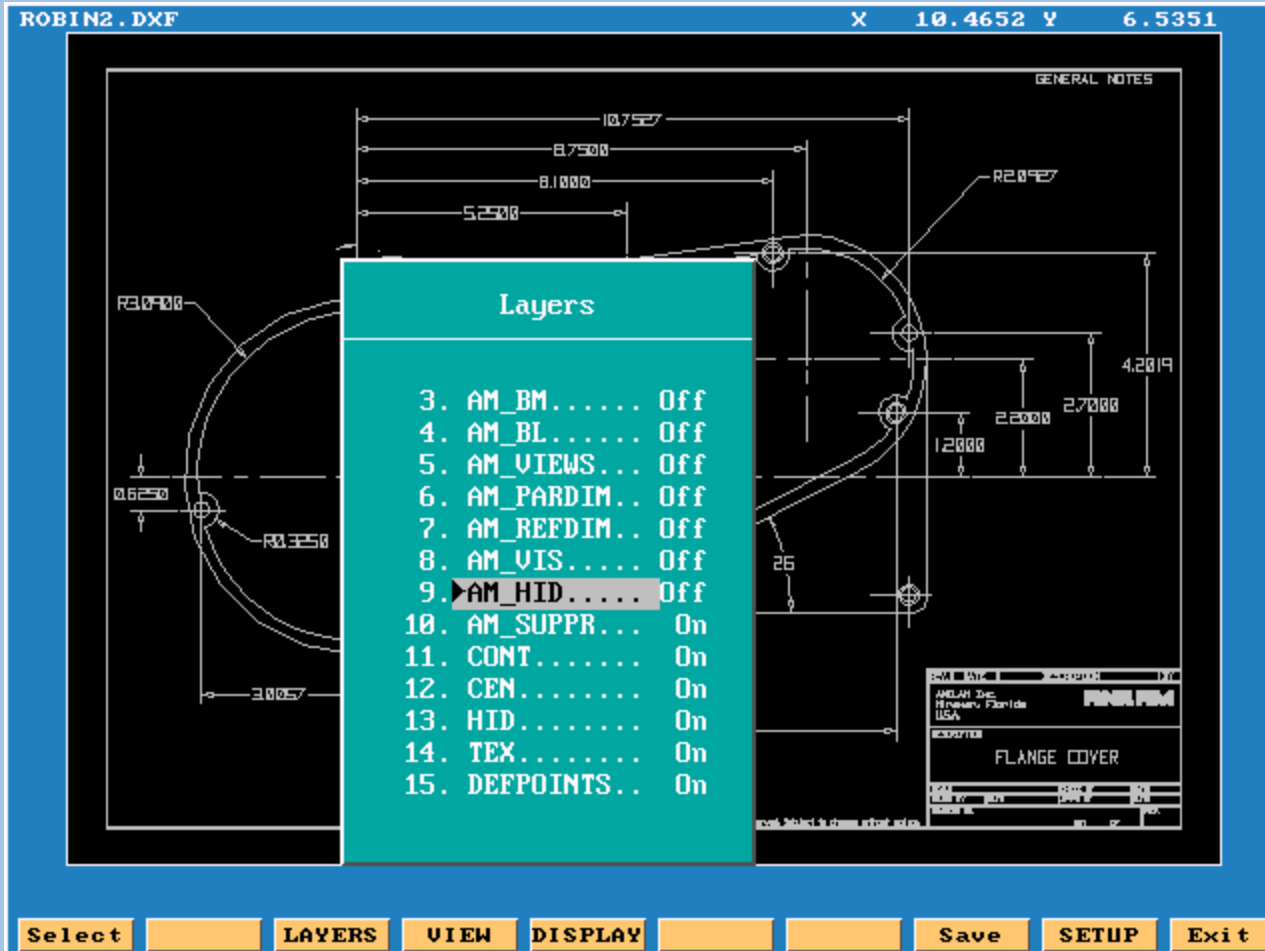




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off

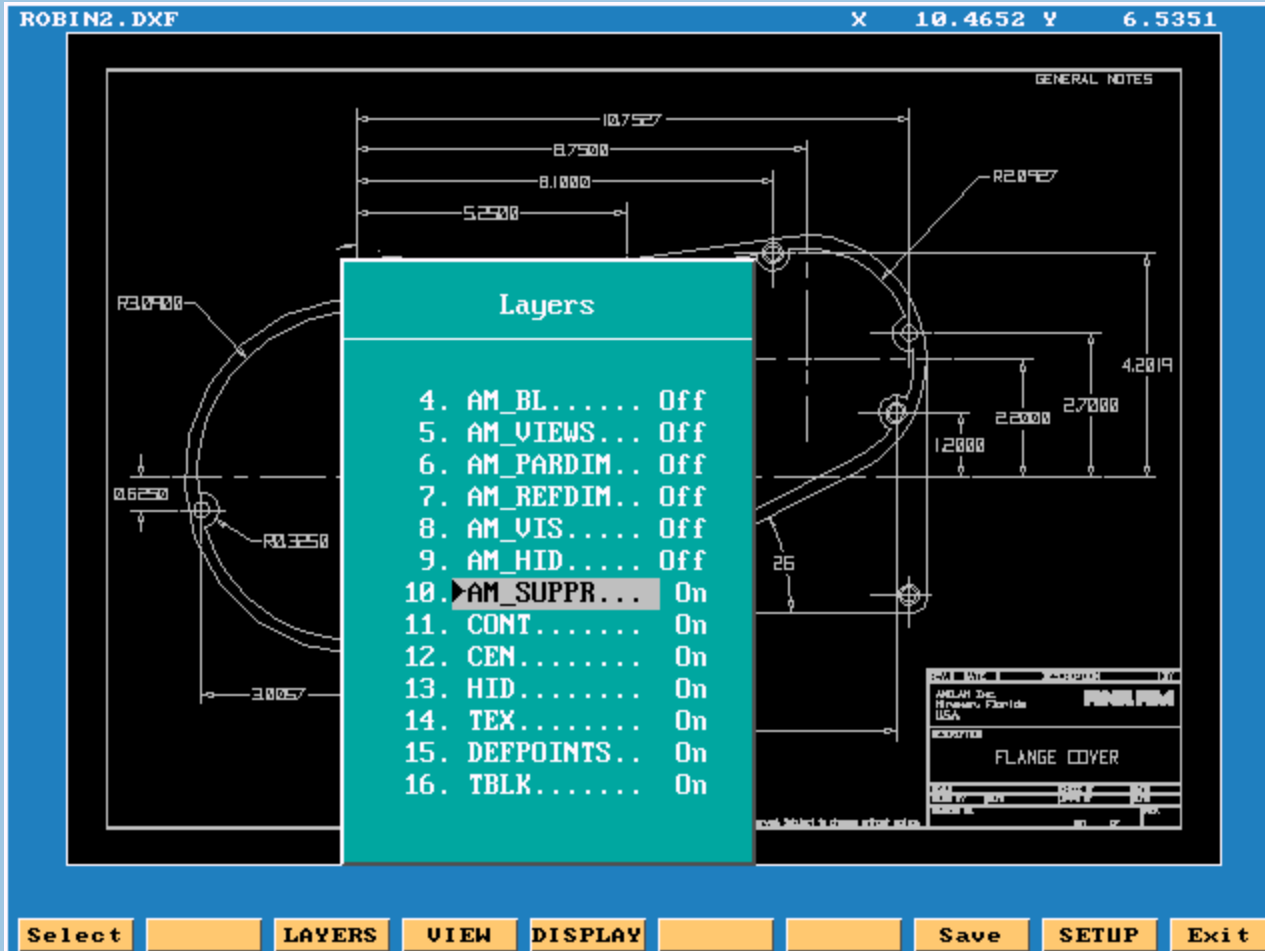




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off

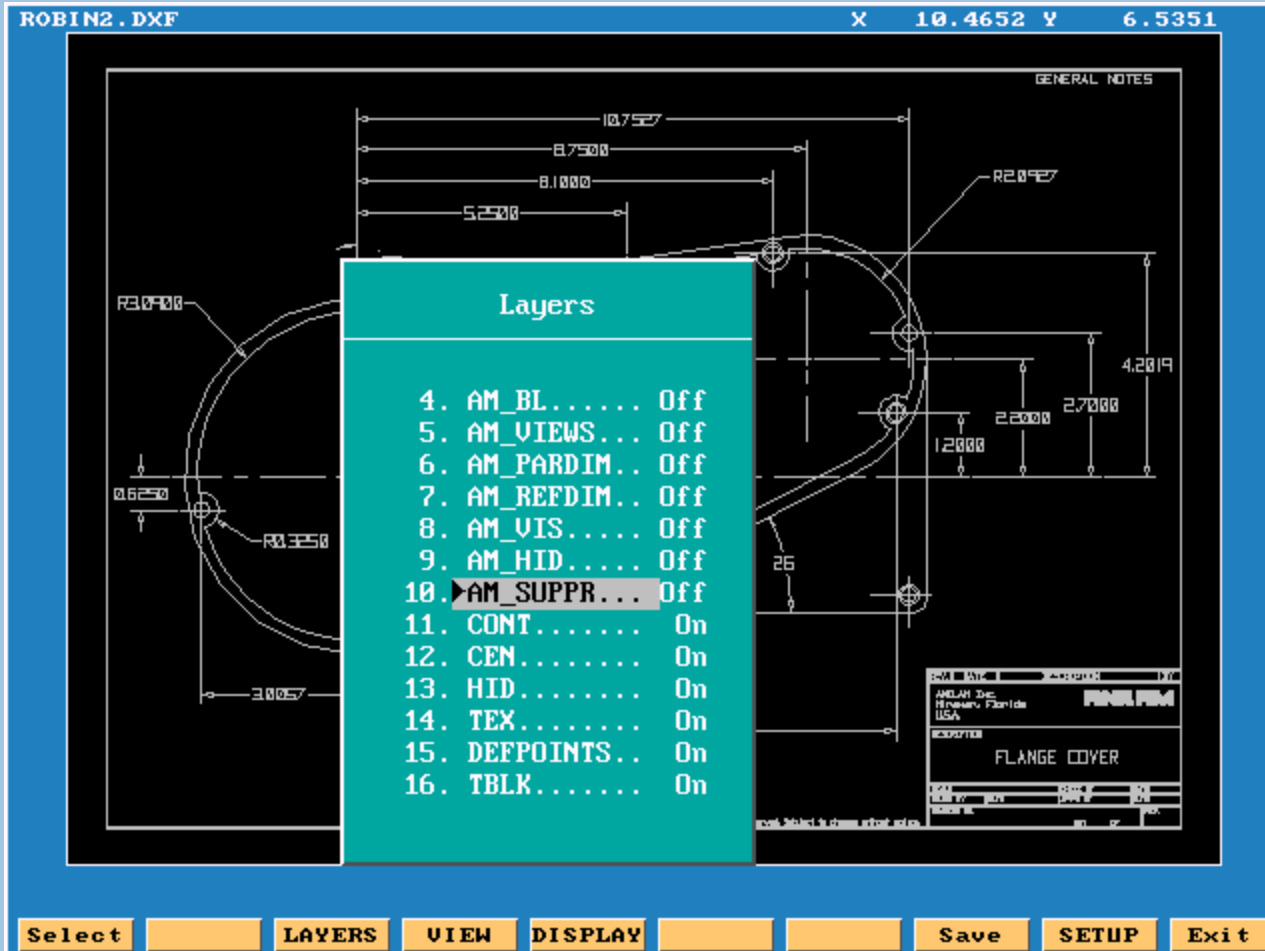




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off



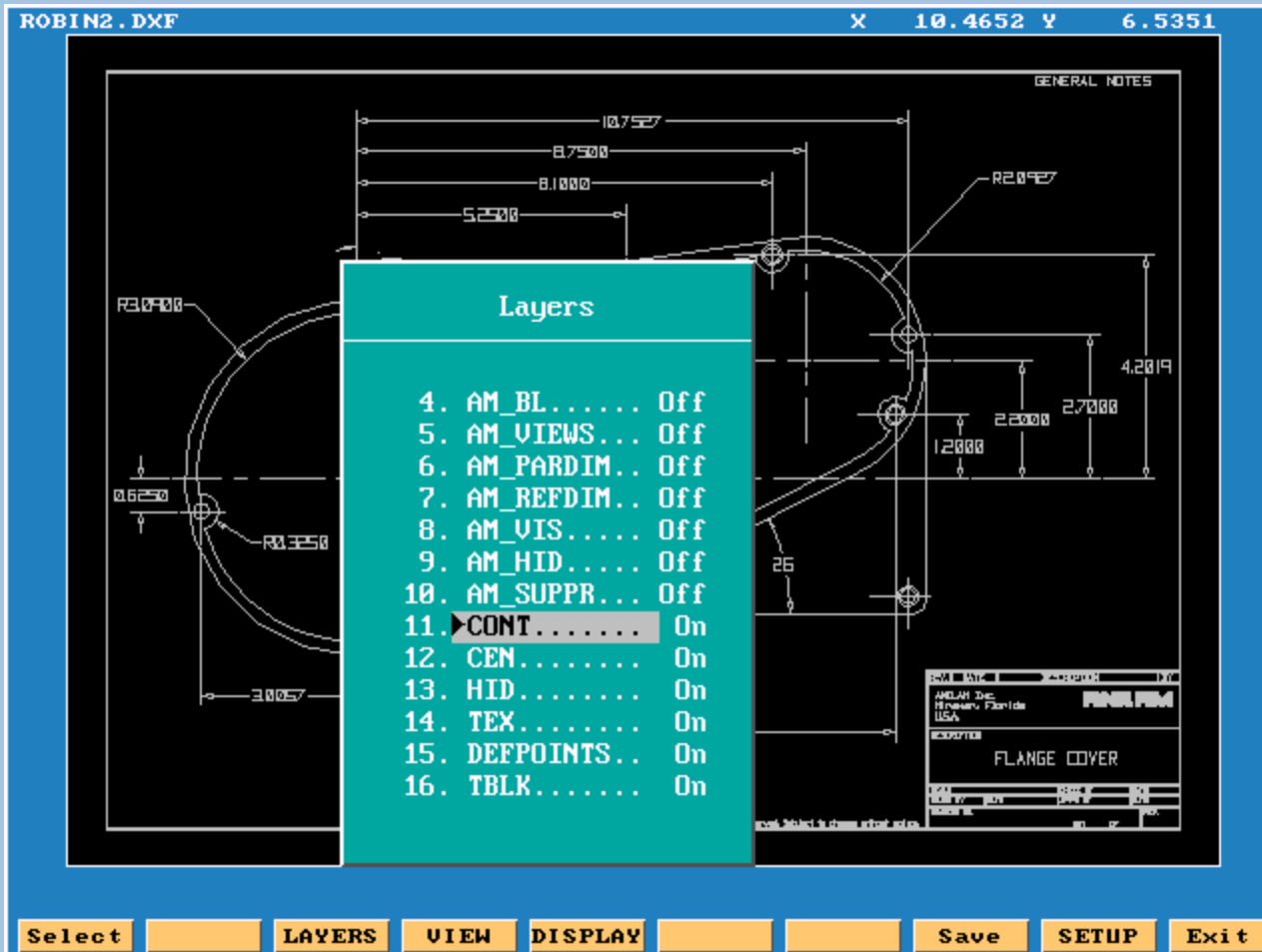


Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off



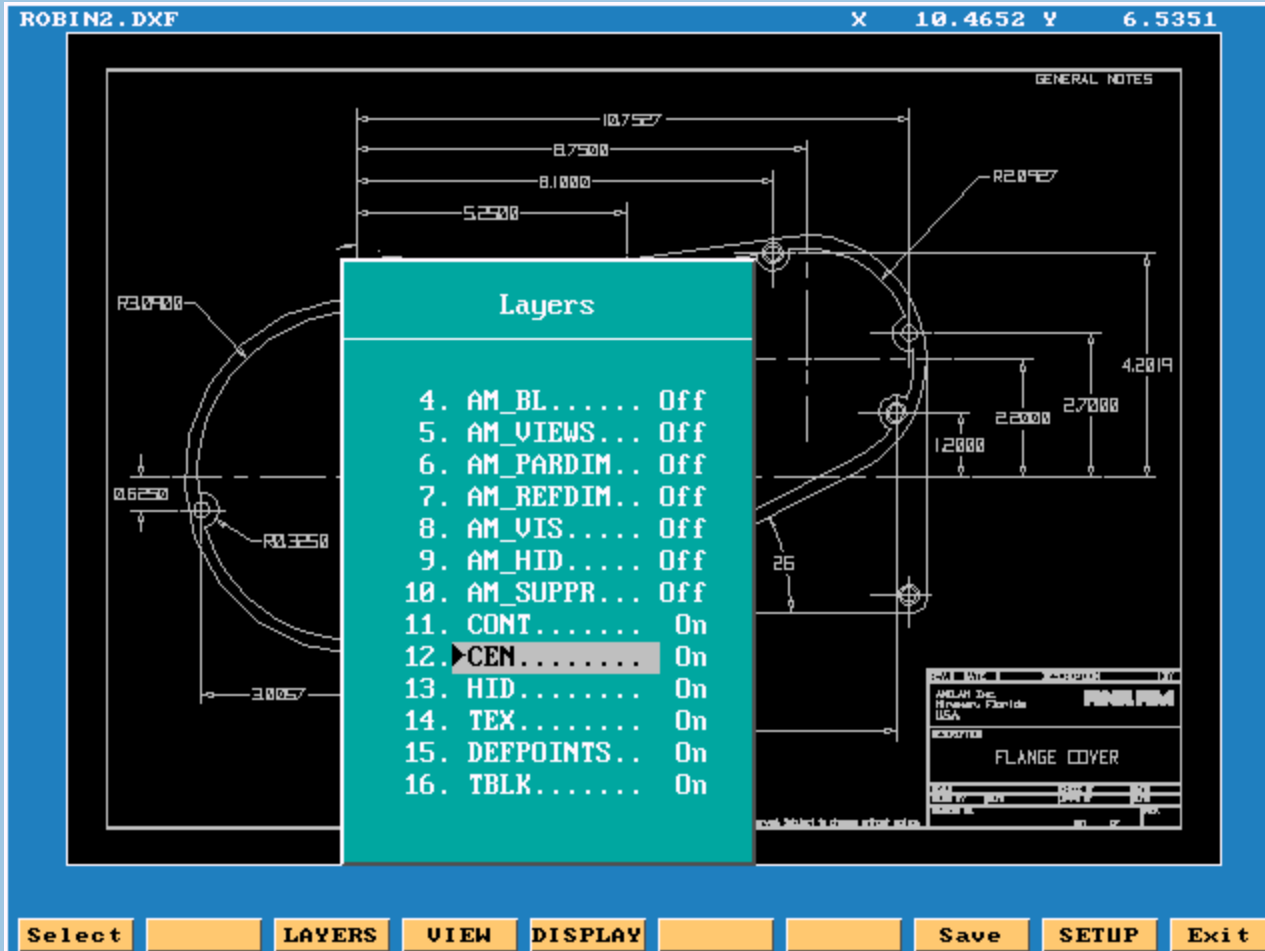
Layer 11, CONT is the profile of the part and is therefore required - On.



Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off



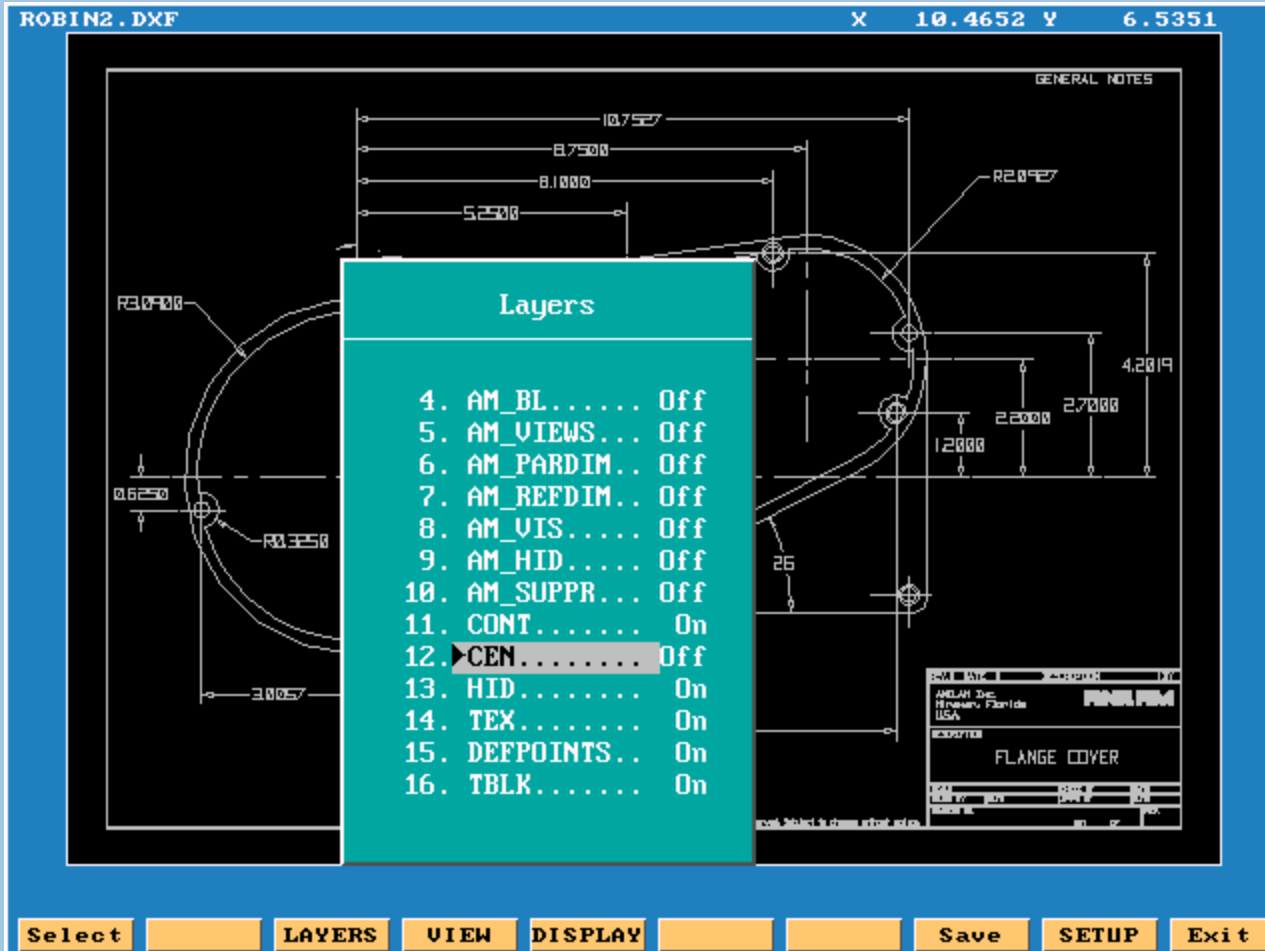


Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off



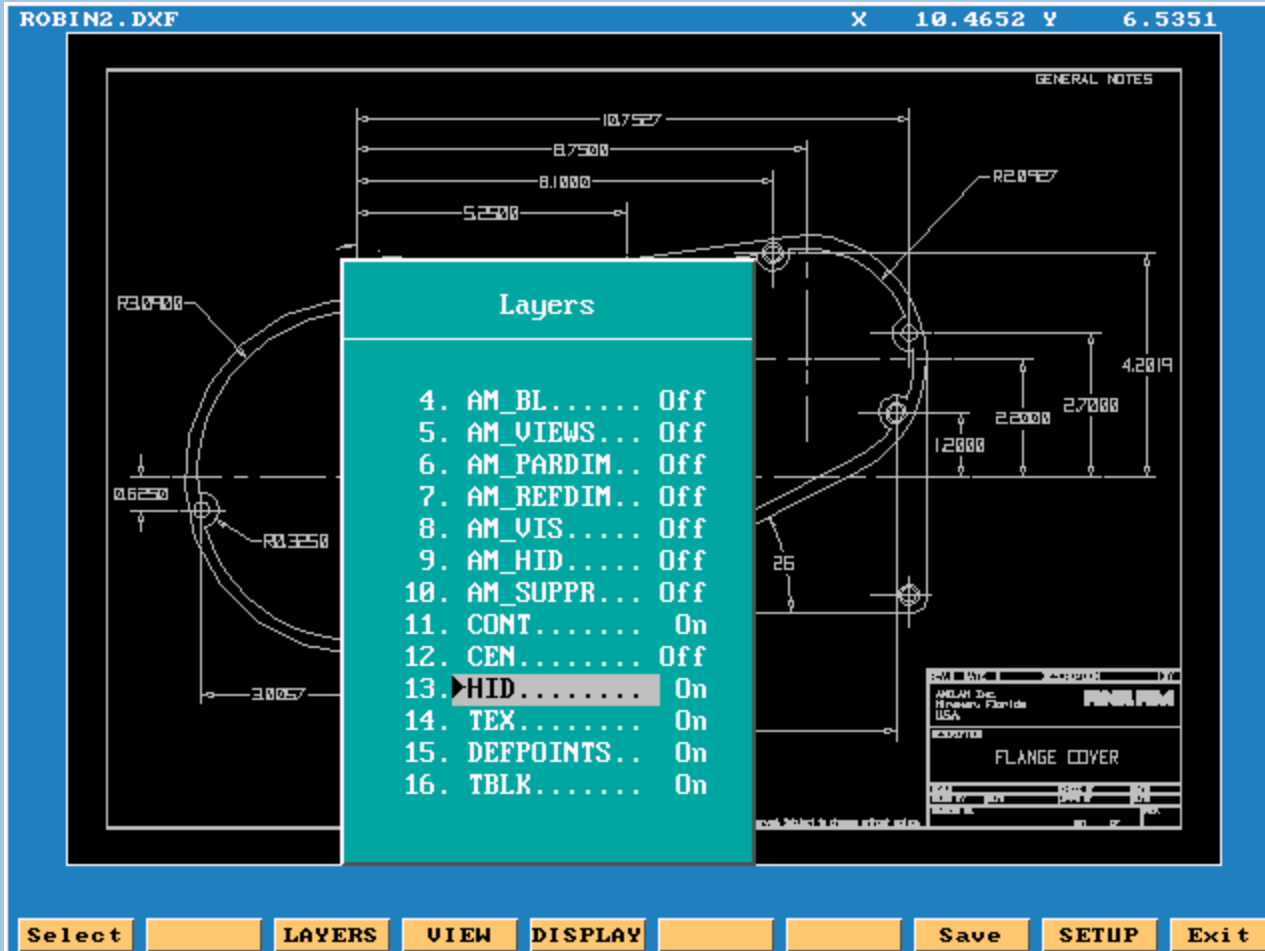




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off

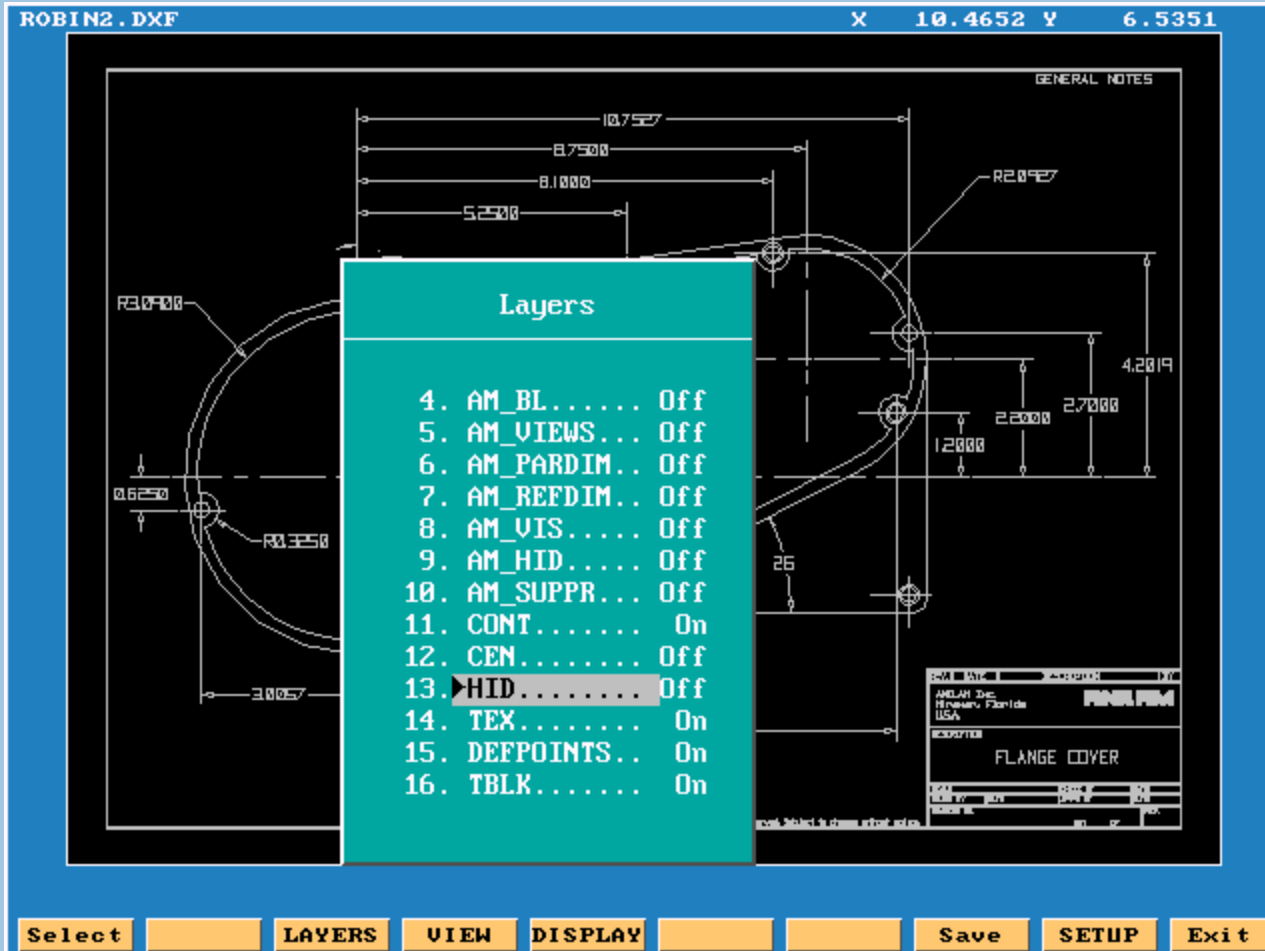




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off

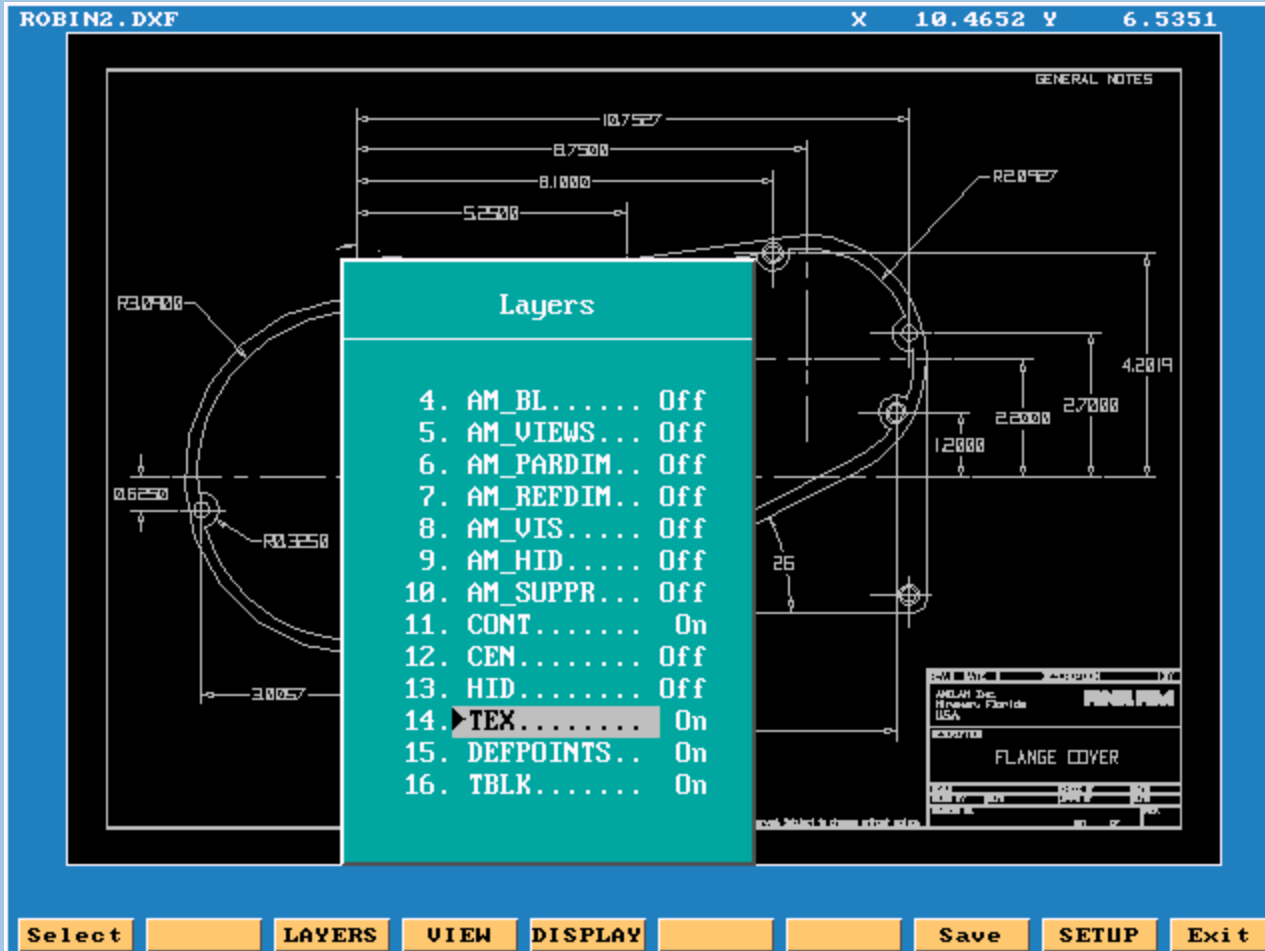




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off

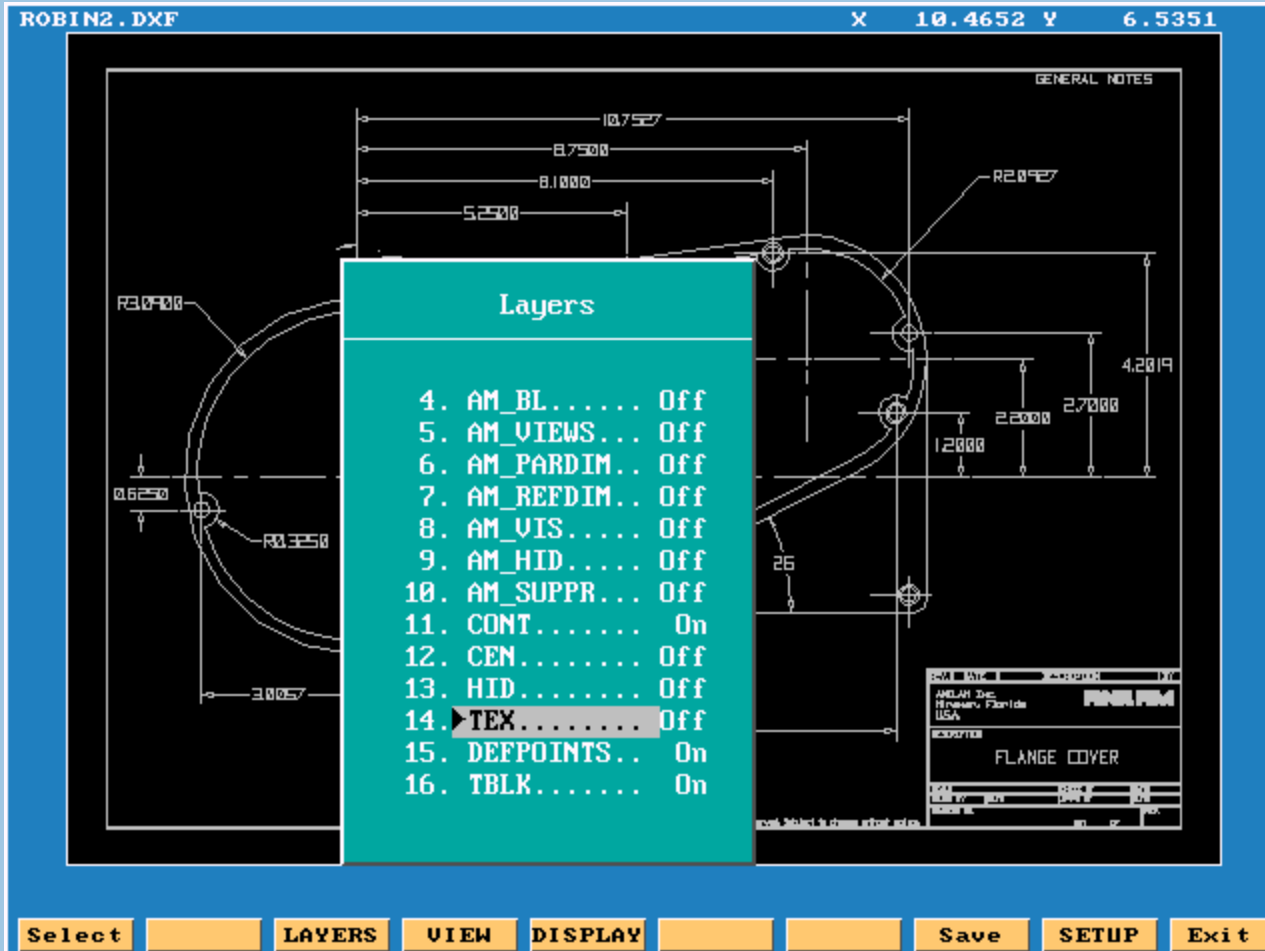




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off

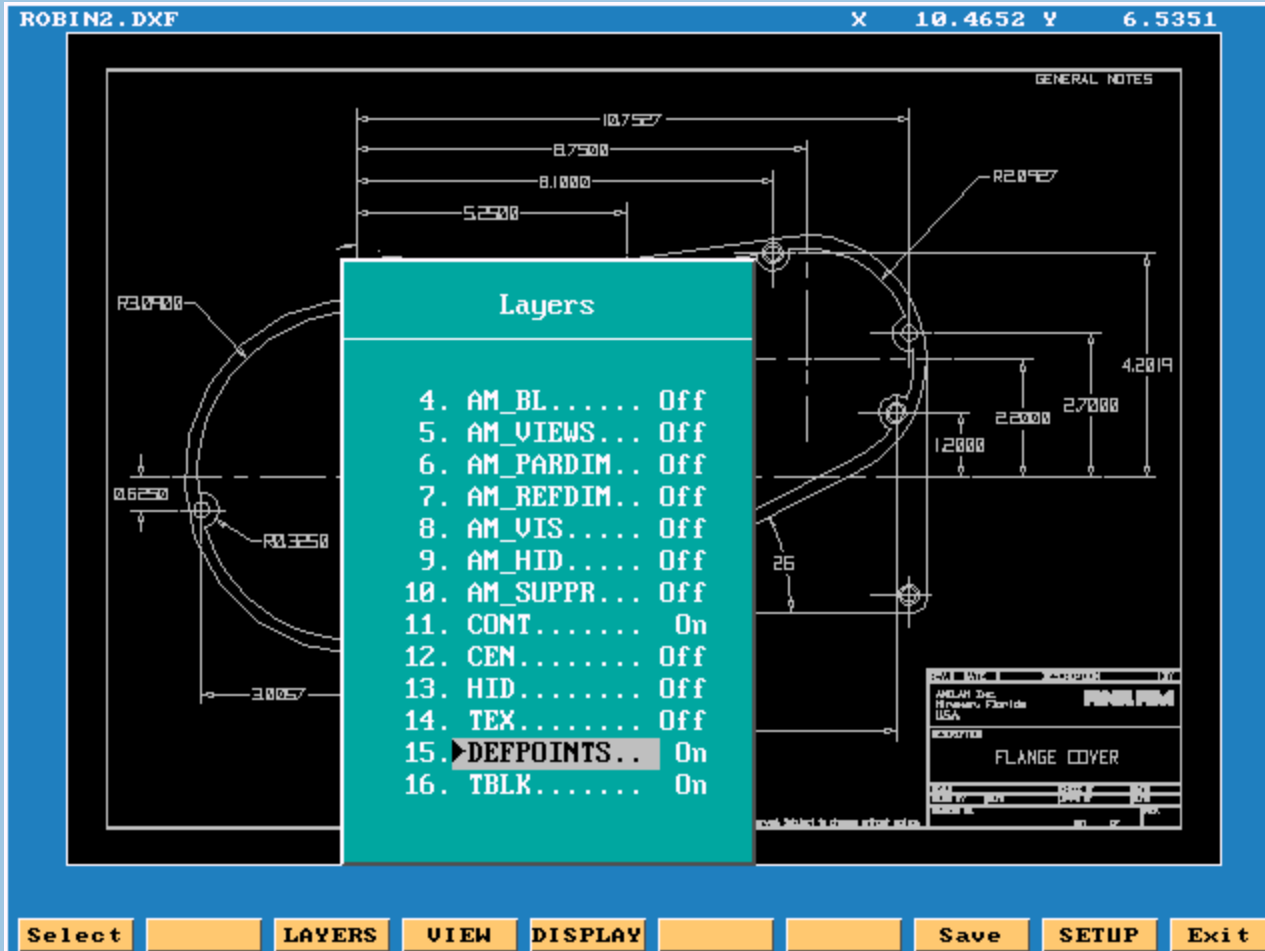




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off

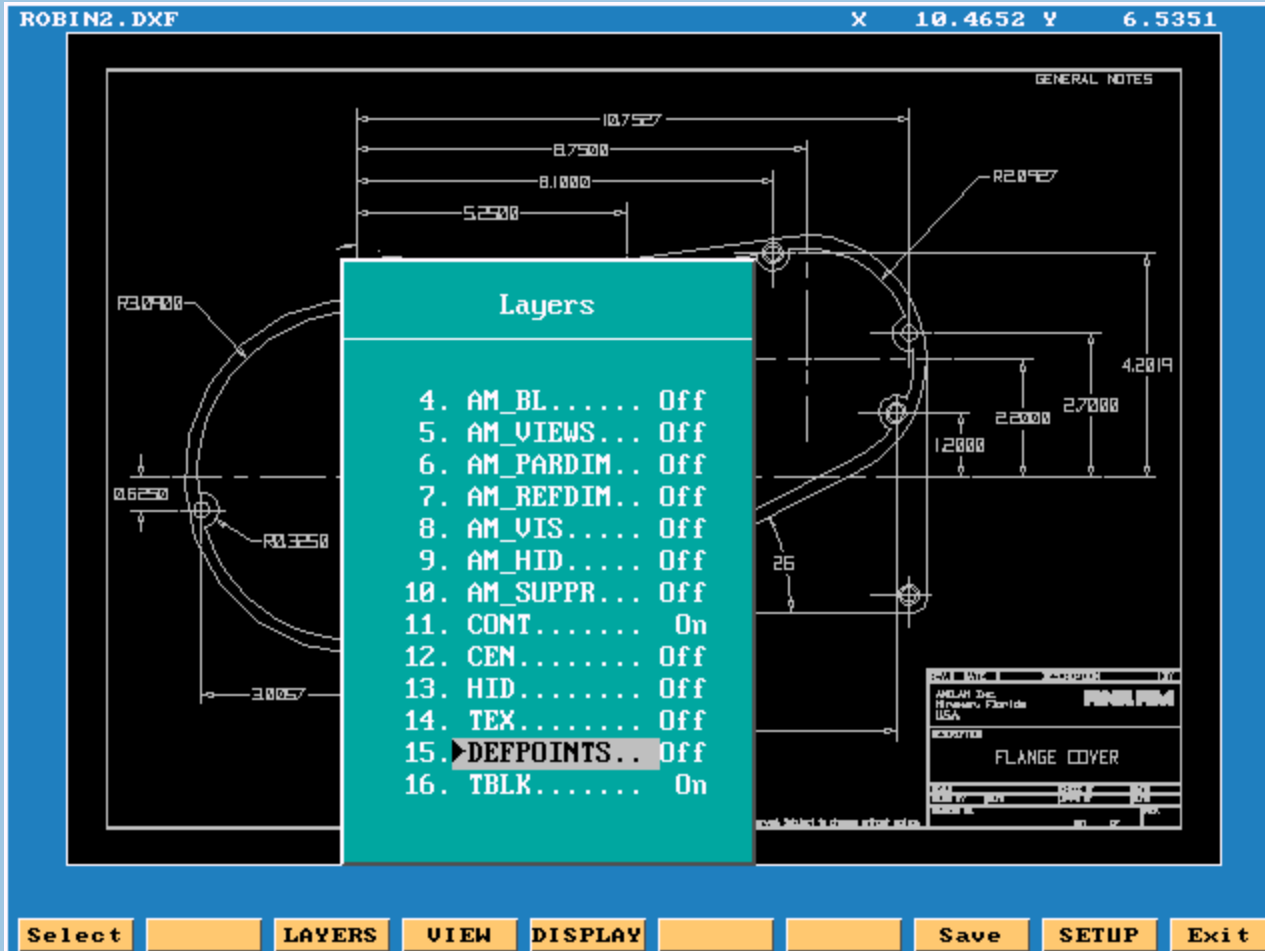




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off

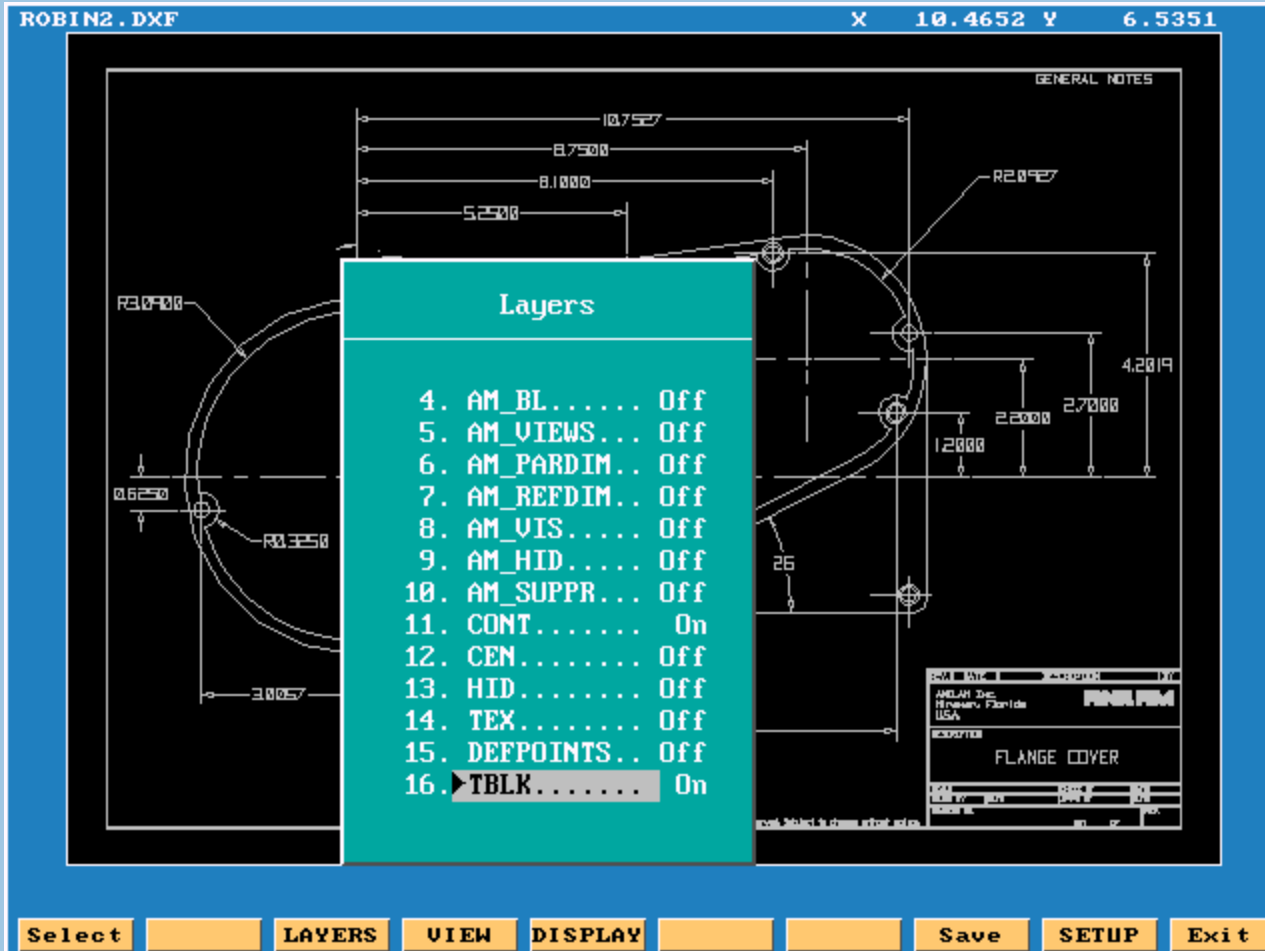




Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off





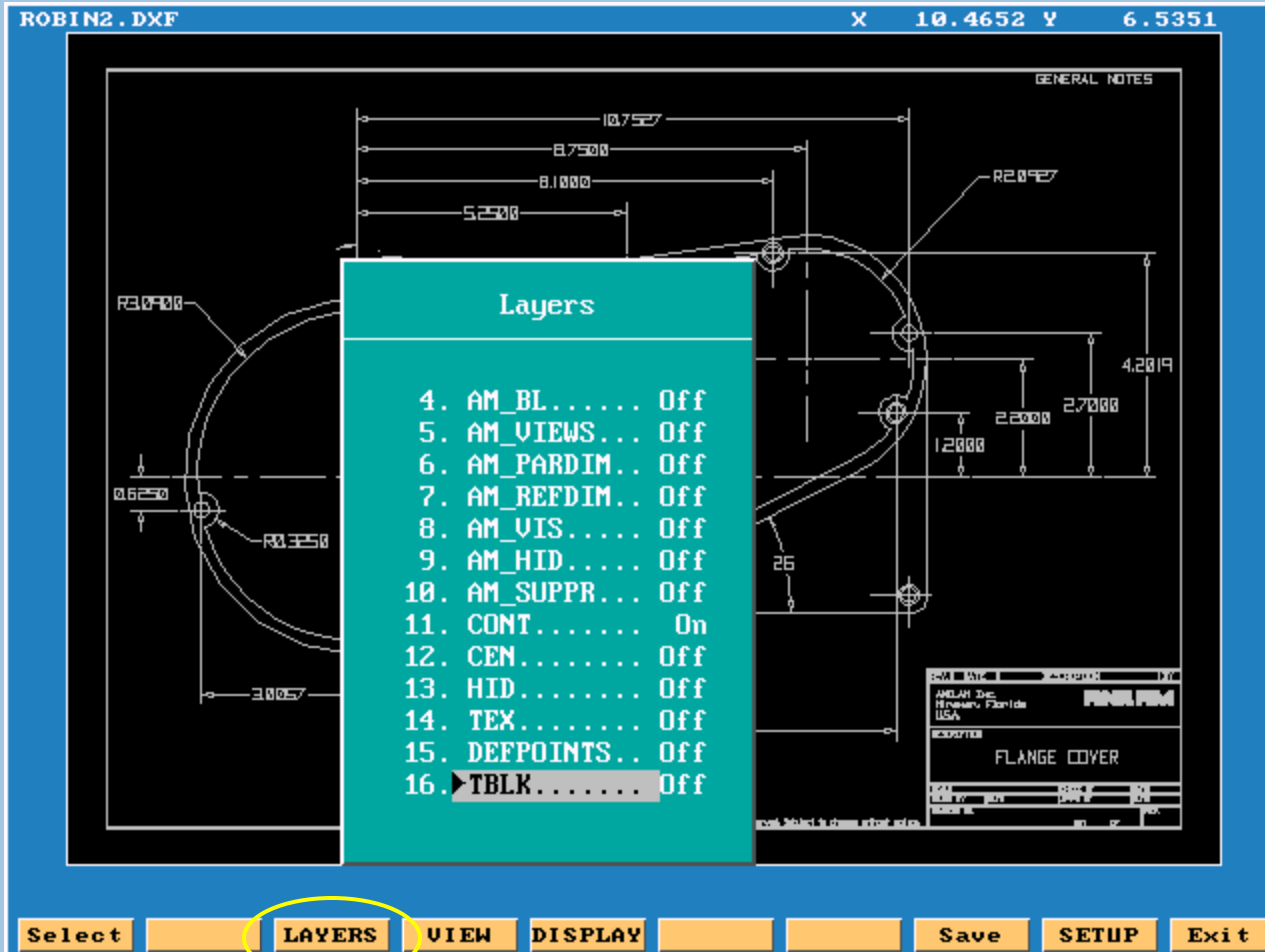
Press space bar to step through all layers, or, use jump to all off button

Jump  
to all off



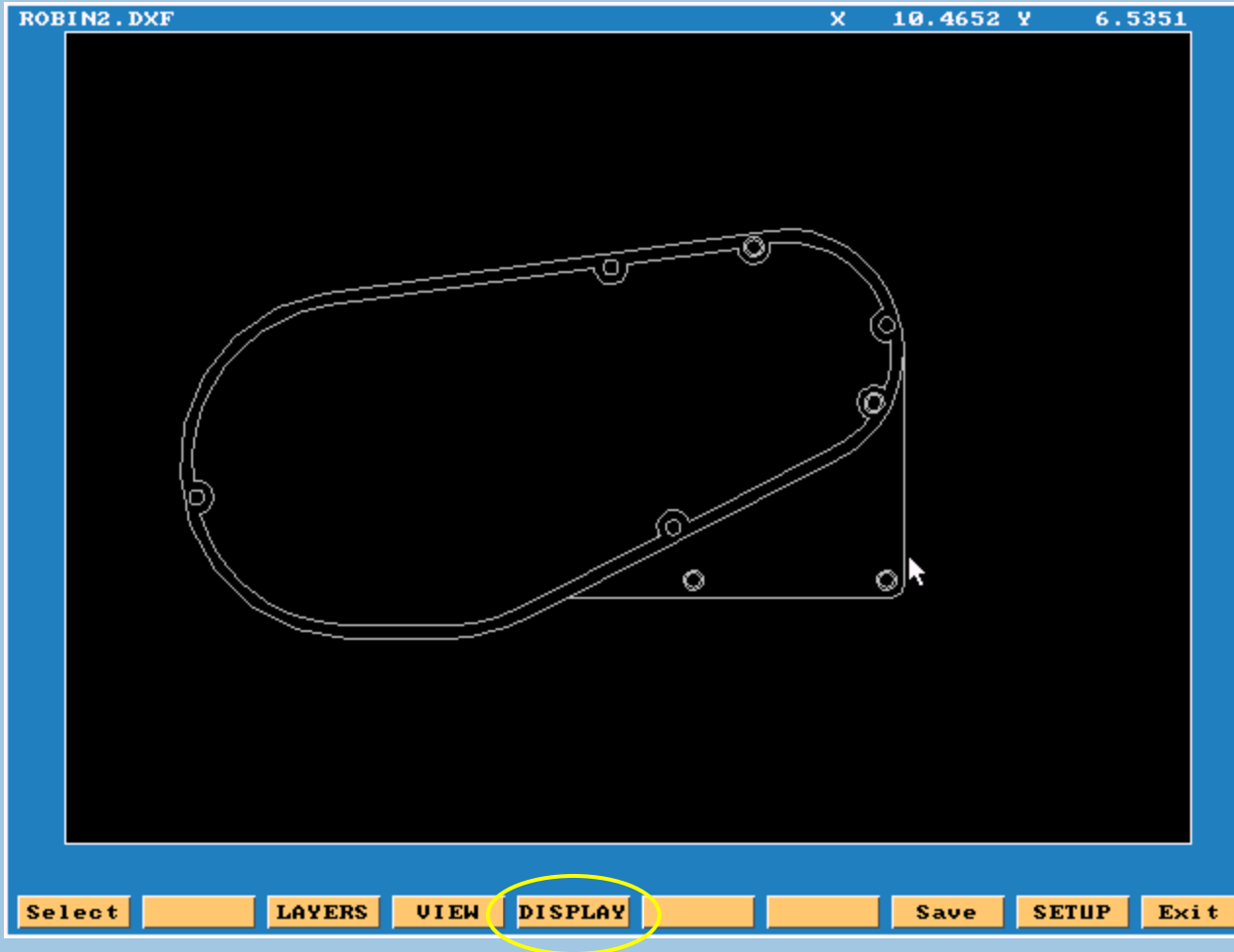


Only layer 11 is set to On. Selection of layers to display is now complete



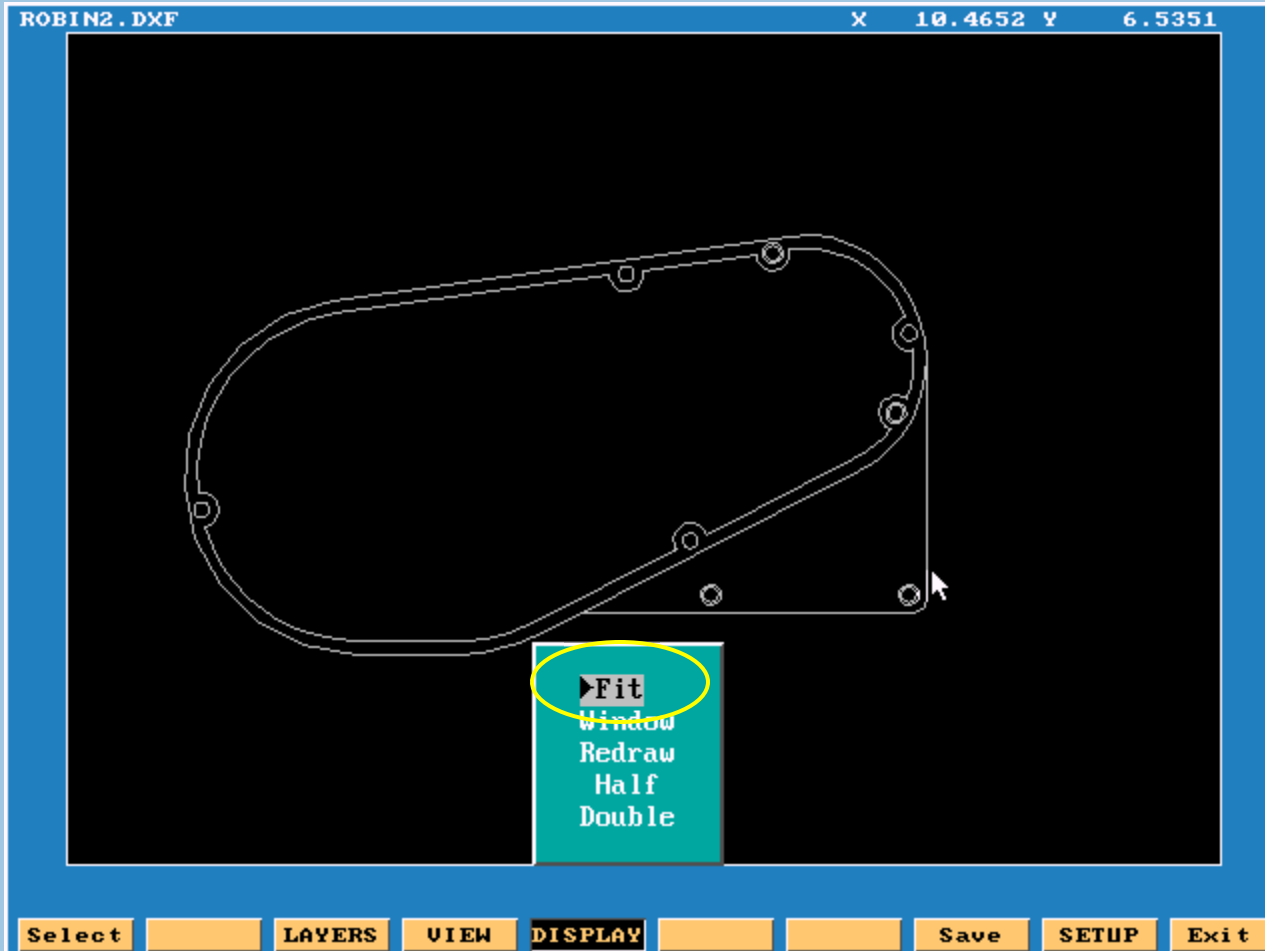
Click **Layers** again to cancel selection menu

Part profile is now displayed - layer 11 of DXF file



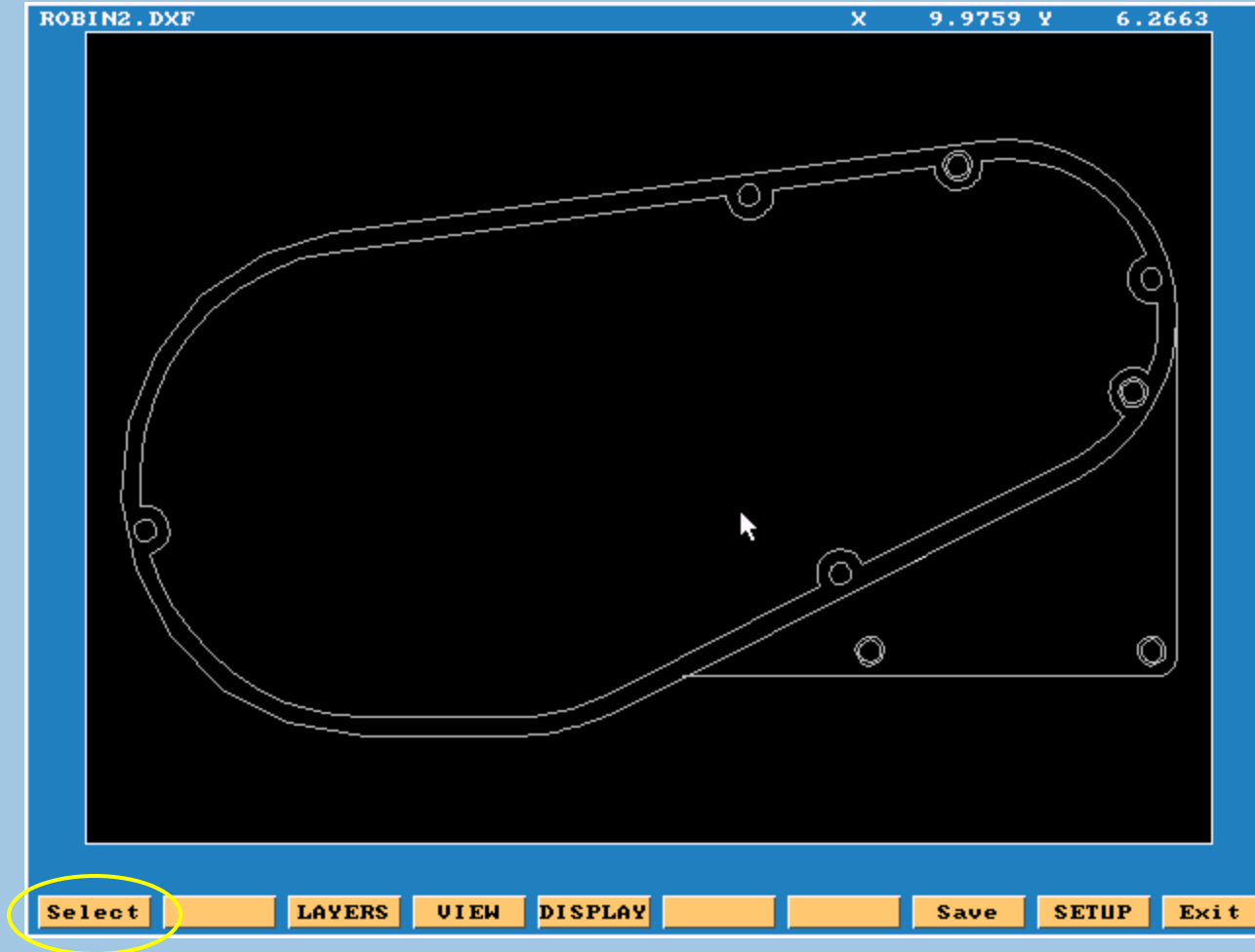
Click **Display** to enlarge the part

Display options are shown - we would like to "fit" the image to our screen



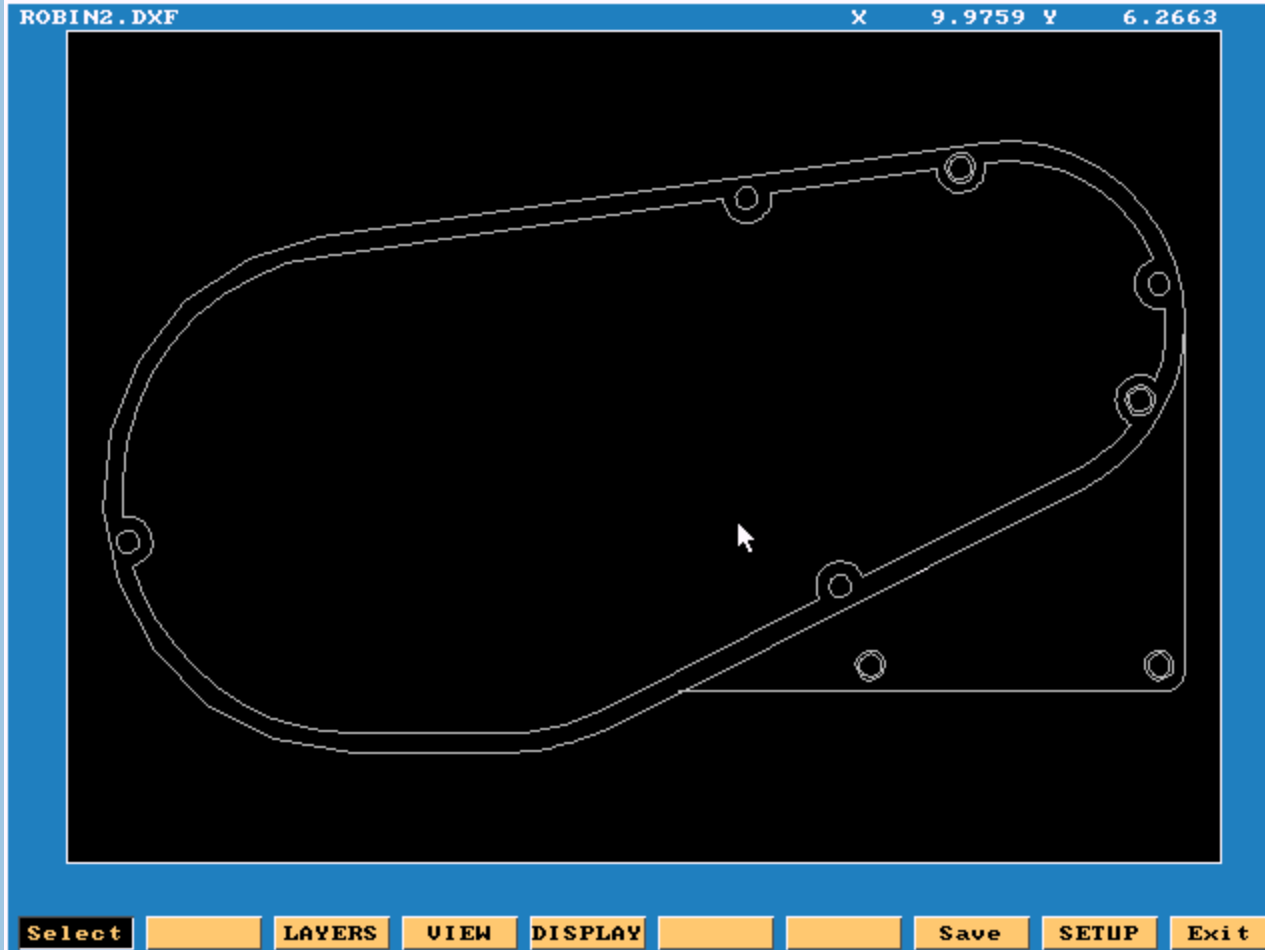
Click **Fit** to automatically display maximum zoom

Here's a larger image of the part to work on. Now we need to pick geometry elements.



Click **Select** to allow picking of geometry

With *Select* active, we would now proceed to pick the geometry required via mouse. In this demo, the entire shape is pre-selected.

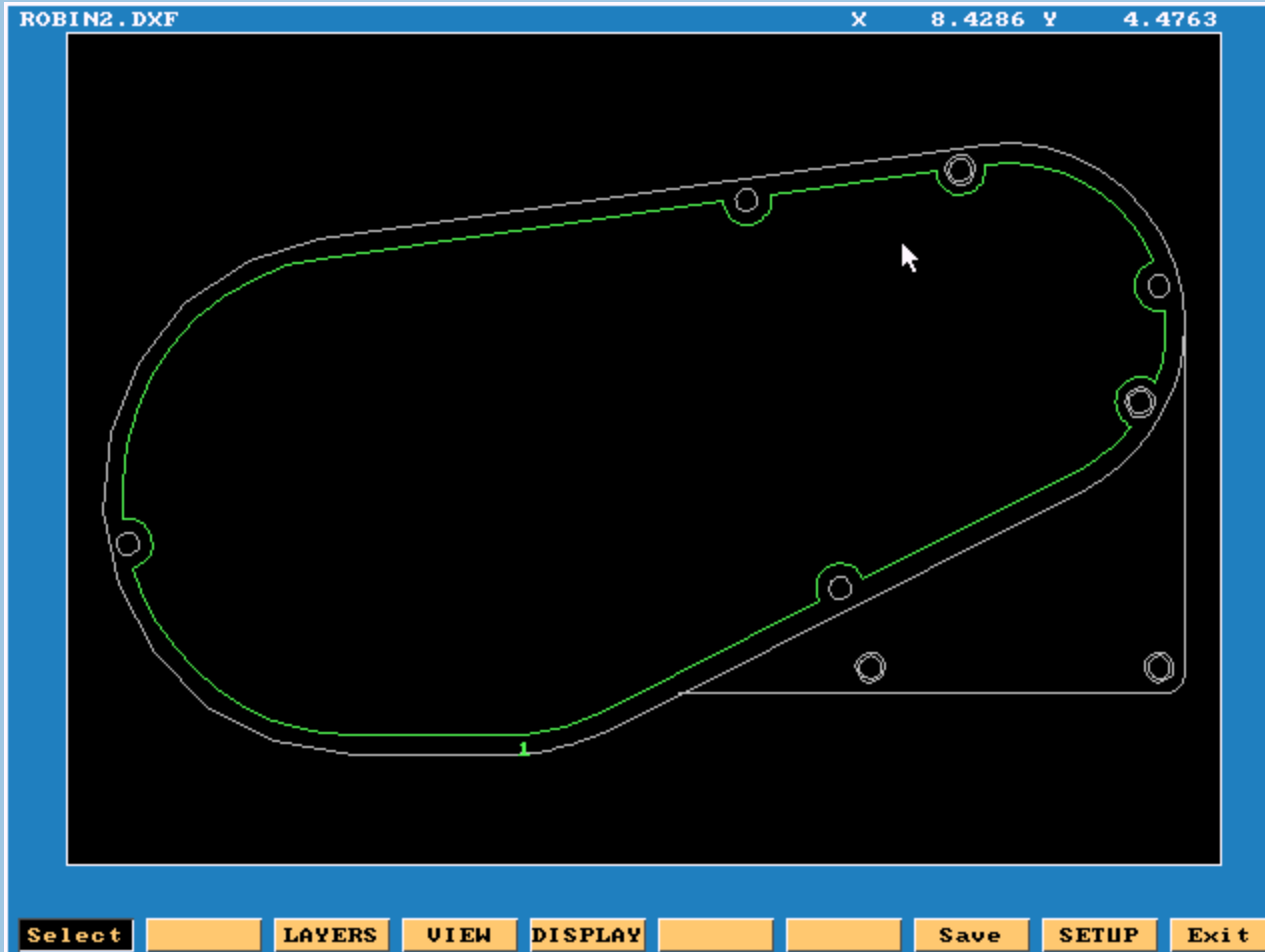


Click next or use space bar for next screen



Selected geometry is highlighted in green.

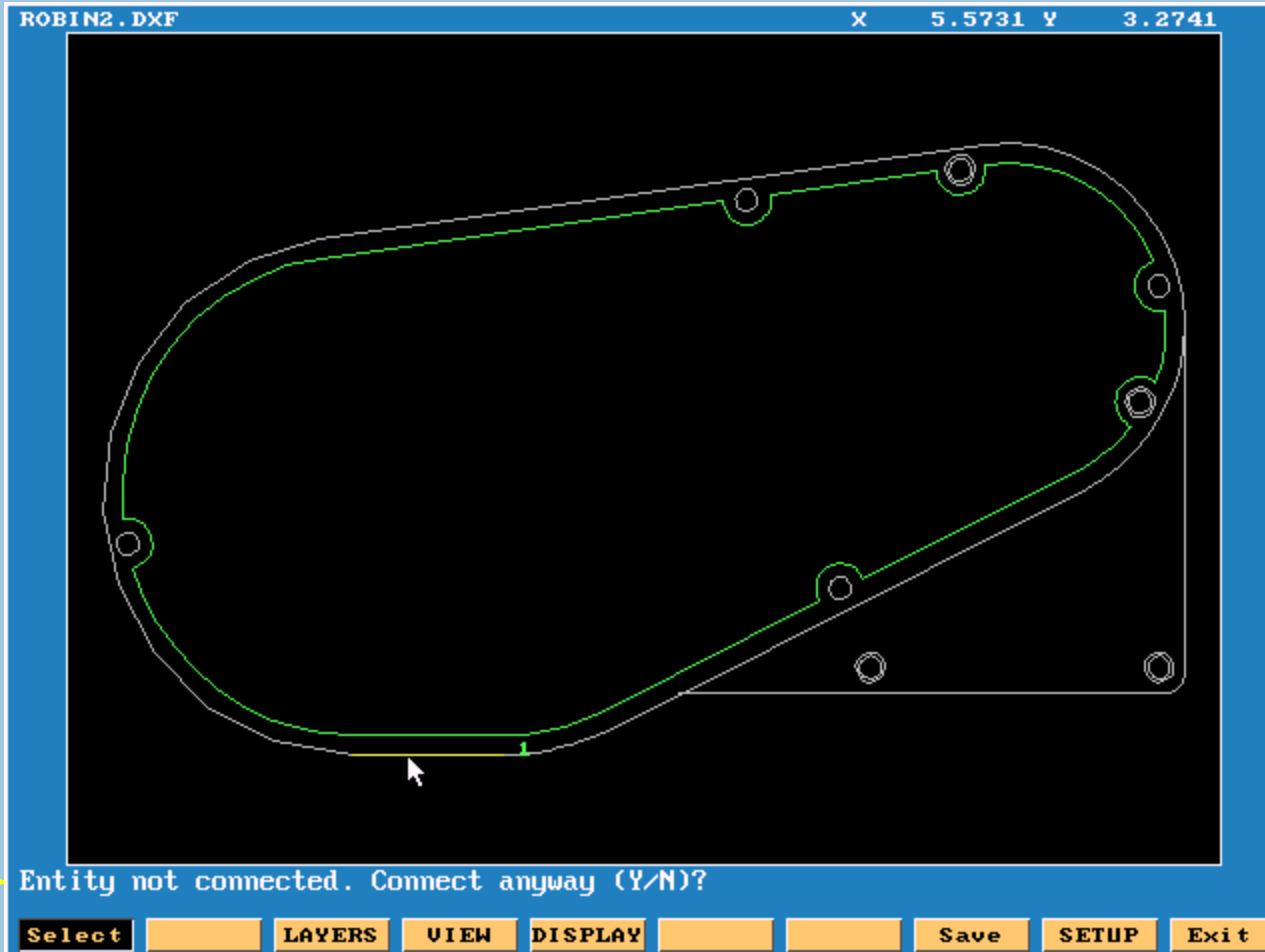
The direction that elements are selected will set direction of cut - climb or conventional milling.



Click next or use space bar for next screen



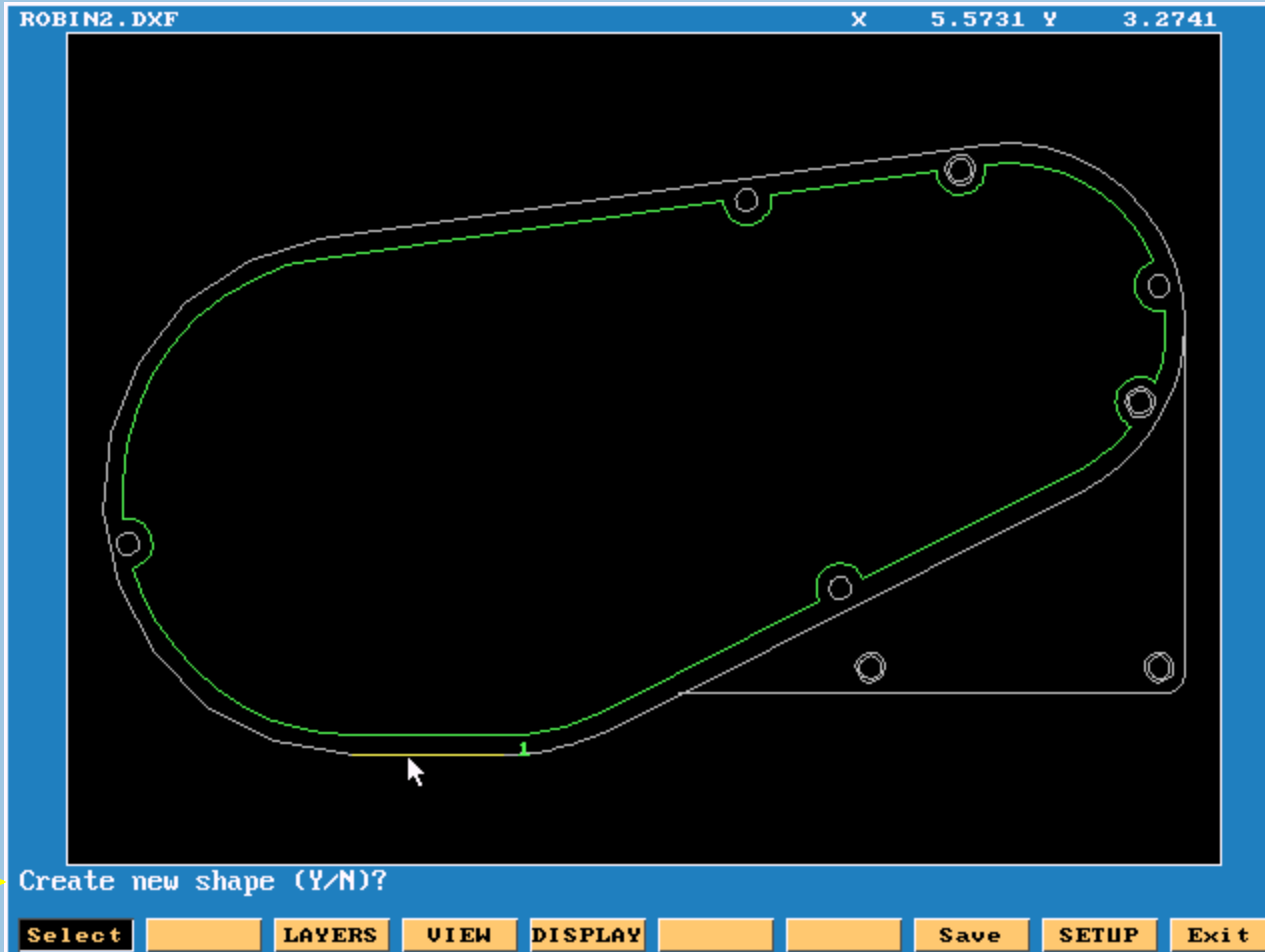
More geometry can simply be selected by clicking. If shapes are not connected, the CNC will ask if you want to connect, in this case N for no as we are selecting a new shape



Click next or use space bar for next screen



The CNC will ask if we want to create a new shape.  
We would answer Y for yes as we are picking a new shape in this example

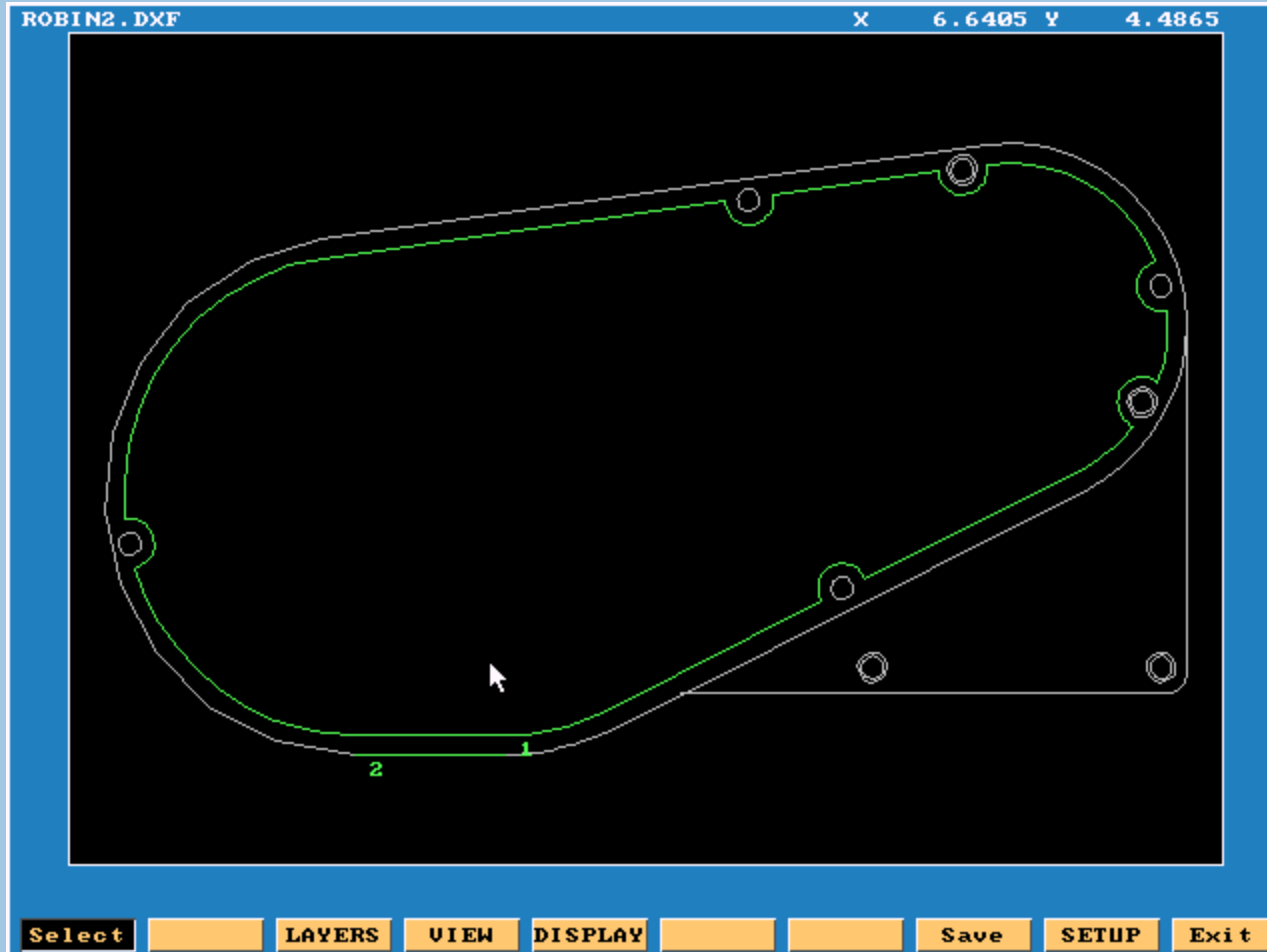


Click next or use space bar for next screen





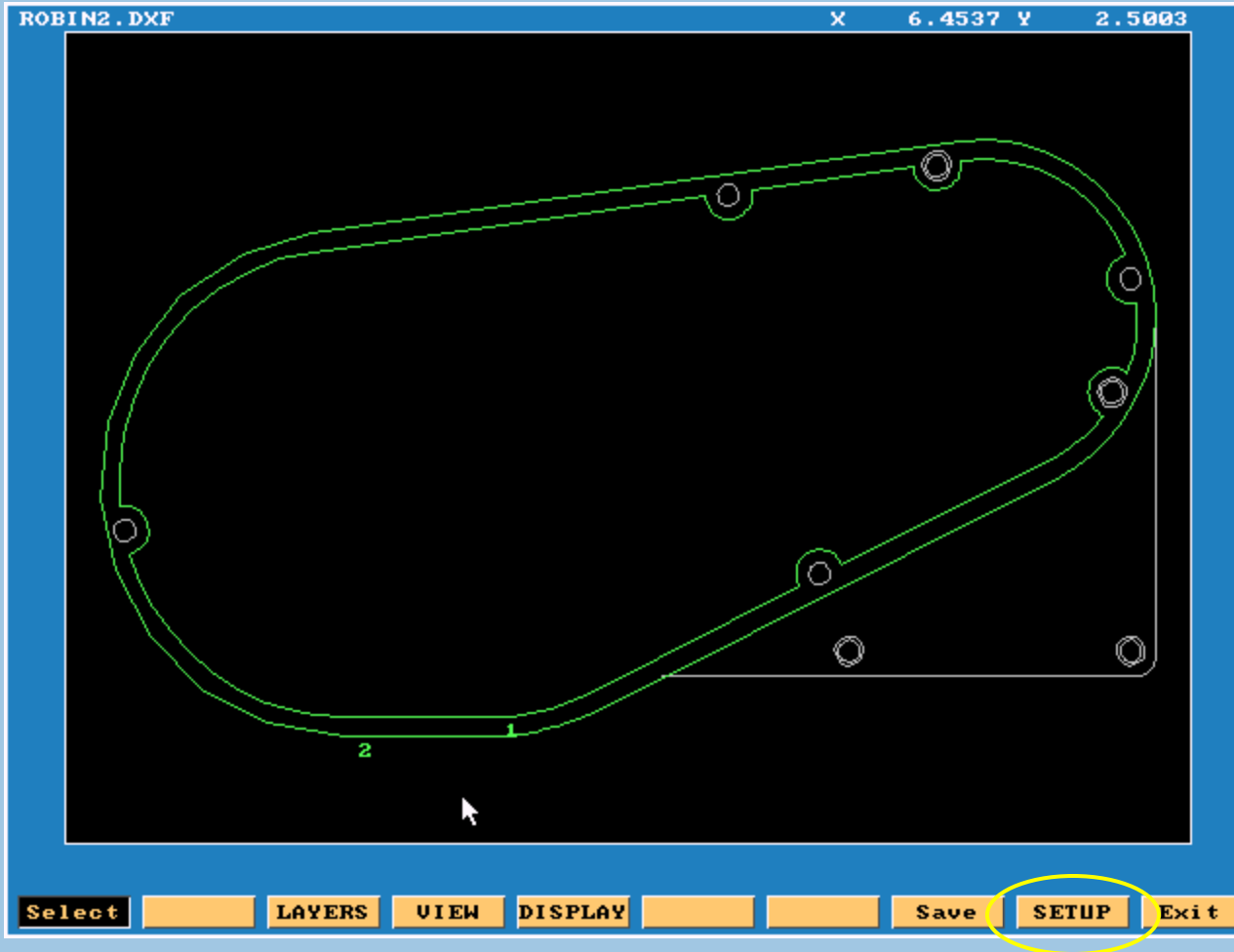
New selected geometry is highlighted in green, and labeled as shape 2



Click next or use space bar for next screen



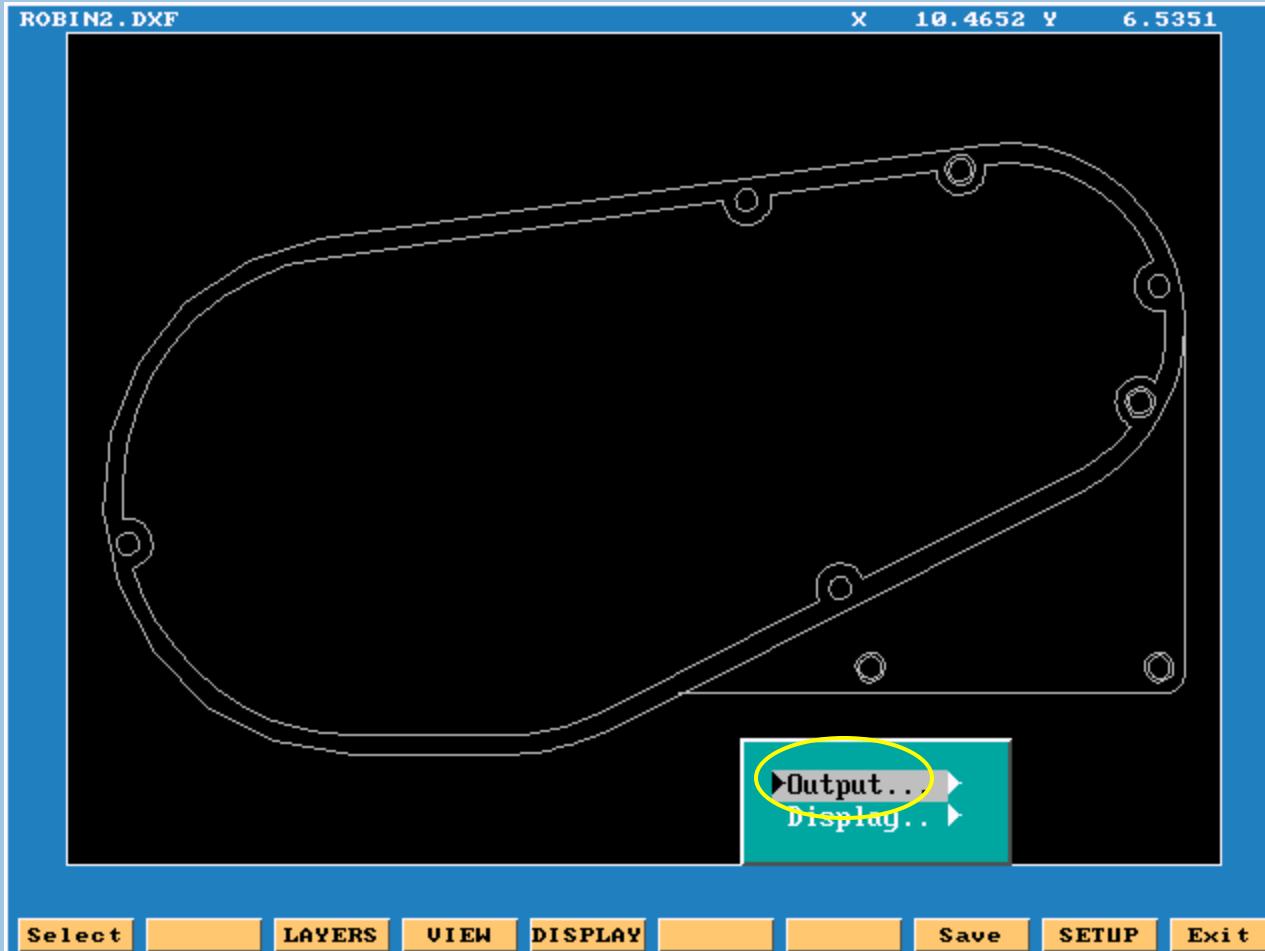
Now we've selected the geometry or "shapes" required, program options can be set.



Click **Setup** to see program options

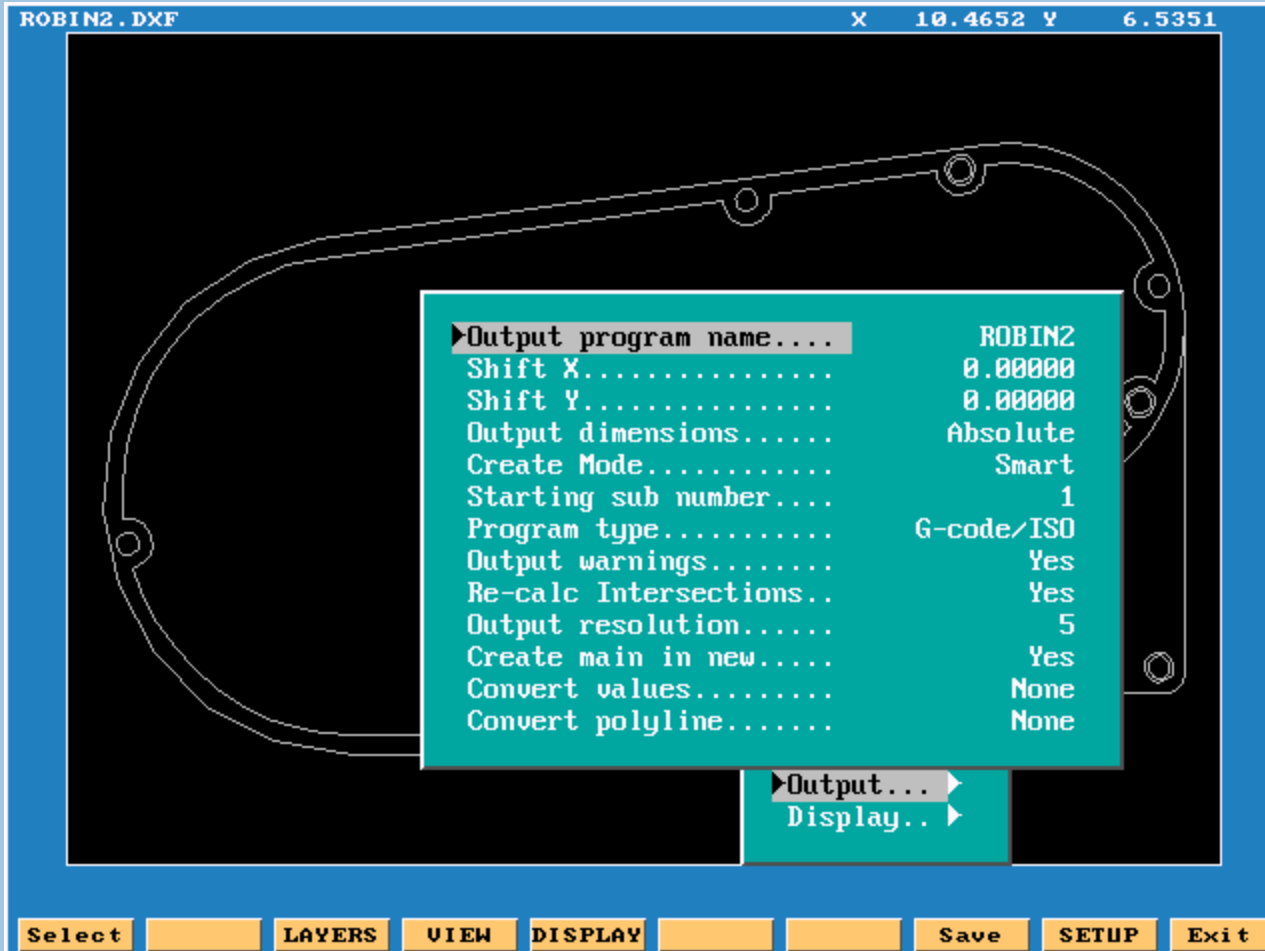


## Output and Display options menus



Click **Output** to see program output options

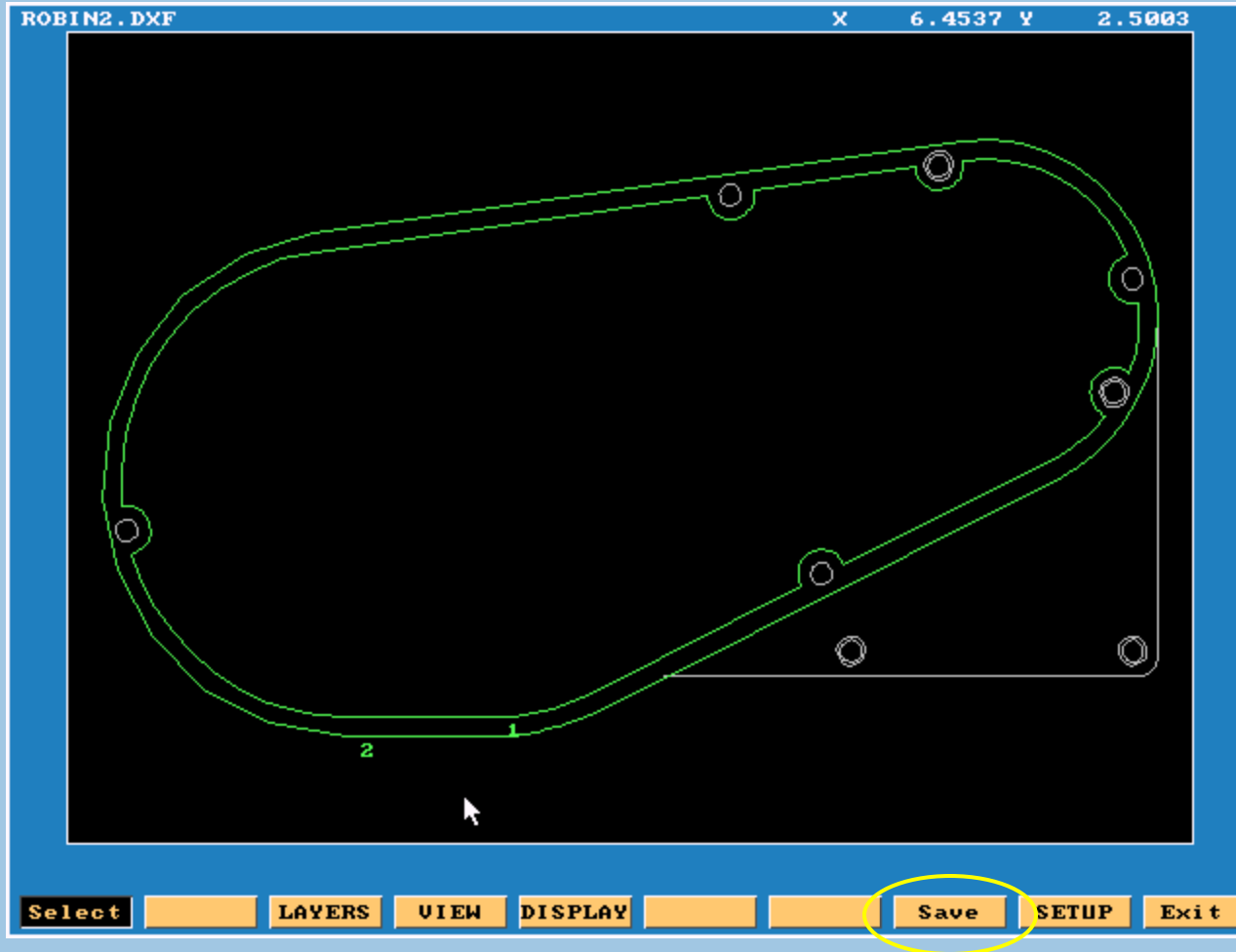
Available options for program output are now displayed. Note the program name.



Press space bar or click next

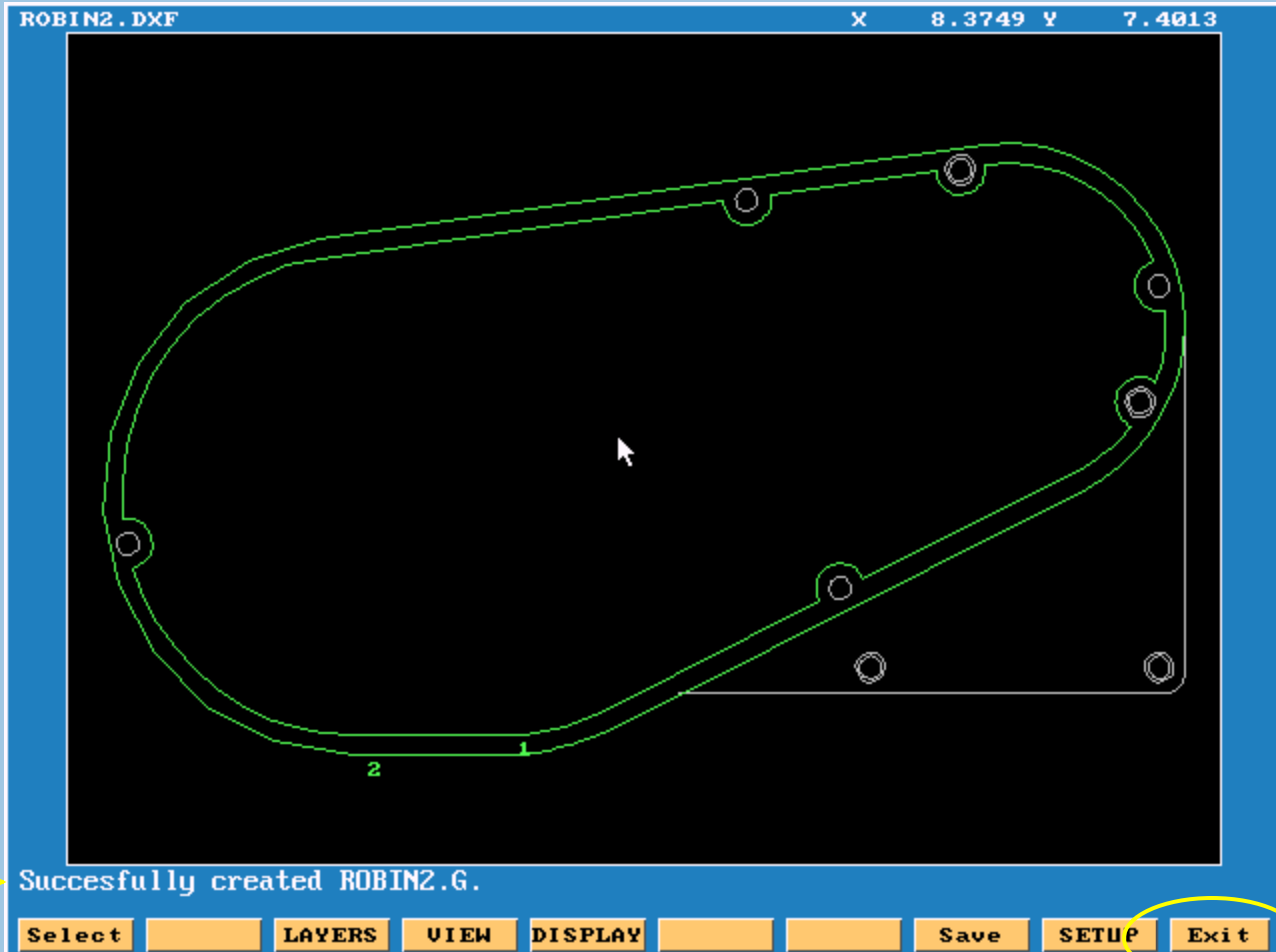


It's now time to save our program



Click **Save** to create a G-Code program

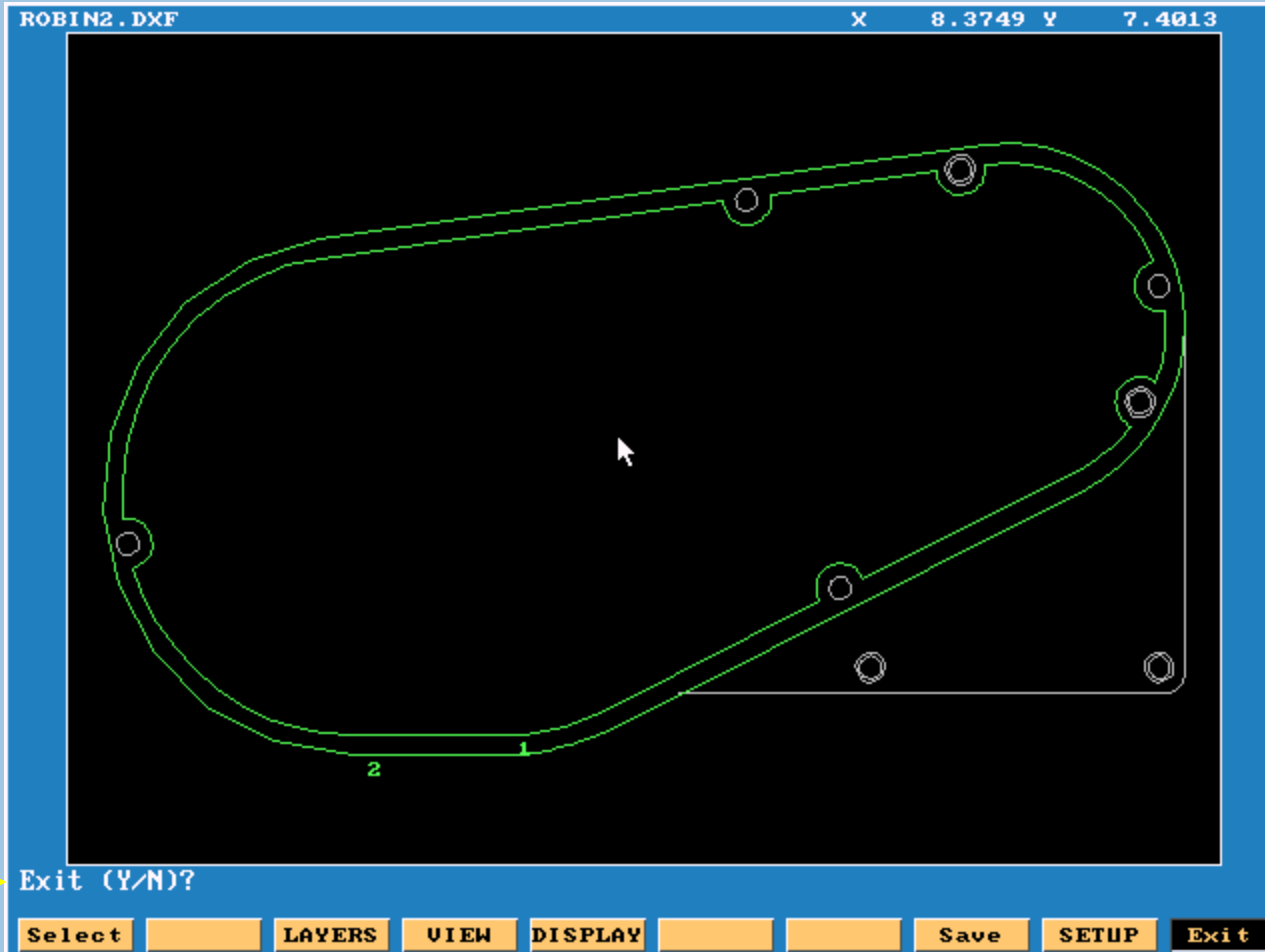
CNC confirms creation of G-Code program



Click **Exit** to quit the DXF utility



CNC confirms request for exit



Press space bar or click next







This is the G-Code program created from the DXF utility

..\	4AX-THD.G	FIG74.G	ROBIN2.FXD	TONY.1
DXF\	5AX-MIL.G	FMOULD.G	<b>ROBIN2.G</b>	TONY.CAM
1.CAM	A.G	FMOULD.S	SAMPLE-1.G	TONY.G
1.G	A.S	FRED.G	SAMPLE-1.S	TONY.GEO
1.GEO	ANILAM.G	FRED.S	SAMPLE-2.CAM	TONY.S
1.S	ANILAM.S	FRED2.G	SAMPLE-2.G	WINDOW-M.G
2.1	BLOCK.G	G45.G	SAMPLE-2.GEO	WINDOW-M.S
2.CAM	BLOCK.S	G49.G	SAMPLE-3.CAM	
2.G	CH6-3-X1.G	G59-2.G	SAMPLE-3.G	
2.GEO	CH6-3-X1.S	G68-COM2.G	SAMPLE-3.GEO	
2.S	CH6-3-X2.G	HELICOMP.G	SAMPLE-4.CAM	
2.T1	CH6-3-X4.G	LETR230.G	SAMPLE-4.G	
3AX-SP10.M	CONTOUR.G	LETRCAL1.G	SAMPLE-4.GEO	
3AX-SP2.M	CONTOUR.S	MERC-CON.G	SAMPLE-5.CAM	
3AX-SP3.M	DRAFT-2.G	MERC-CON.S	SAMPLE-5.G	
3AX-SP5.M	DRAFT-2.S	MULTIP~1.G	SAMPLE-5.GEO	
3AX-SP6.M	DRFTPC2.G	MULTIP~1.S	SAMPLE-6.G	
3AX-SP7.CAM	DRFTPC2.S	PARALLEL.G	SAMPLE-7.G	
3AX-SP7.GEO	EXA1.G	PARALLEL.S	SAMPLE-8.G	
3AX-SP7.M	EXA1.S	POCKETS.G	SAMPLE-9.G	
3AX-SP8.M	EXA2.G	Q.G	SCALLOP.G	
3AX-SP9.M	EXA3.G	QWE.M	SCALLOP.S	
4AX-DRL.G	EXB1.G	RICHARD.G	STOCKVAR.G	
4AX-DRL.S	EXB2.G	ROBIN2.DXF	TC.G	

C:\USER SELECTED PROGRAM:

Create Delete CAM List Select Draw **Edit** Utility Exit

Click **Edit** to view and change the G-Code program



The DXF utility has created two subprograms, one for each shape number.  
We would now edit the program to pocket or contour shapes as required.

```
M98 P1
M98 P1
M98 P2
M2

O1
G90 G0 X 6.86900 Y 3.54300
G1 X 4.86900 Y 3.54300
G1 X 4.47600 Y 3.56800
G1 X 4.09400 Y 3.64200
G1 X 3.72500 Y 3.76300
G1 X 3.37300 Y 3.92900
G1 X 3.04600 Y 4.13800
G1 X 2.74700 Y 4.38700
G1 X 2.48200 Y 4.67100
G1 X 2.25400 Y 4.98600
G1 X 2.06800 Y 5.32800
G1 X 1.92600 Y 5.69000
G1 X 1.97600 Y 5.70300
G1 X 2.02200 Y 5.72500
G1 X 2.06500 Y 5.75300
G1 X 2.10200 Y 5.78800
G1 X 2.13400 Y 5.82800
G1 X 2.15900 Y 5.87300
G1 X 2.17600 Y 5.92100
Program: ROBIN2.G
```

1:1

Help	Del	Ins	DelBlk	PgUp	PgDn	Move	Editing	Misc	Exit
------	-----	-----	--------	------	------	------	---------	------	------

Press space bar or click next



In this example, G169 is used to pocket shape 1, while shape 2 is programmed as a contour

```
G00 G17 G70 G90
G00 G17 G70 G90
T1 M6
M3 S1000
G0 Z5.0

G169 W1 H0.2000 Z-0.2500 C179.00000 A0.2500 B0.1000 I40.0 J35.0 S0.0200 K20.0
G0 Z5

G41
G0 X 4.86900 Y 3.29300
G0 Z.2
G01 F20
Z.5
M98 P2
G1 X 6.86900 Y 3.29300
G40 X 6.9 Y 3.5
G01 Z5
M5
T0 G0 Z0
M2

O1
G90 G0 X 6.86900 Y 3.54300
G1 X 4.86900 Y 3.54300
Program: ROBIN2.G (edited) 1:1
```

Help Del Ins DelBlk PgUp PgDn Move Editing Misc **Exit**

Click **Exit** to leave the editor



After editing the program, we can verify with draw graphics

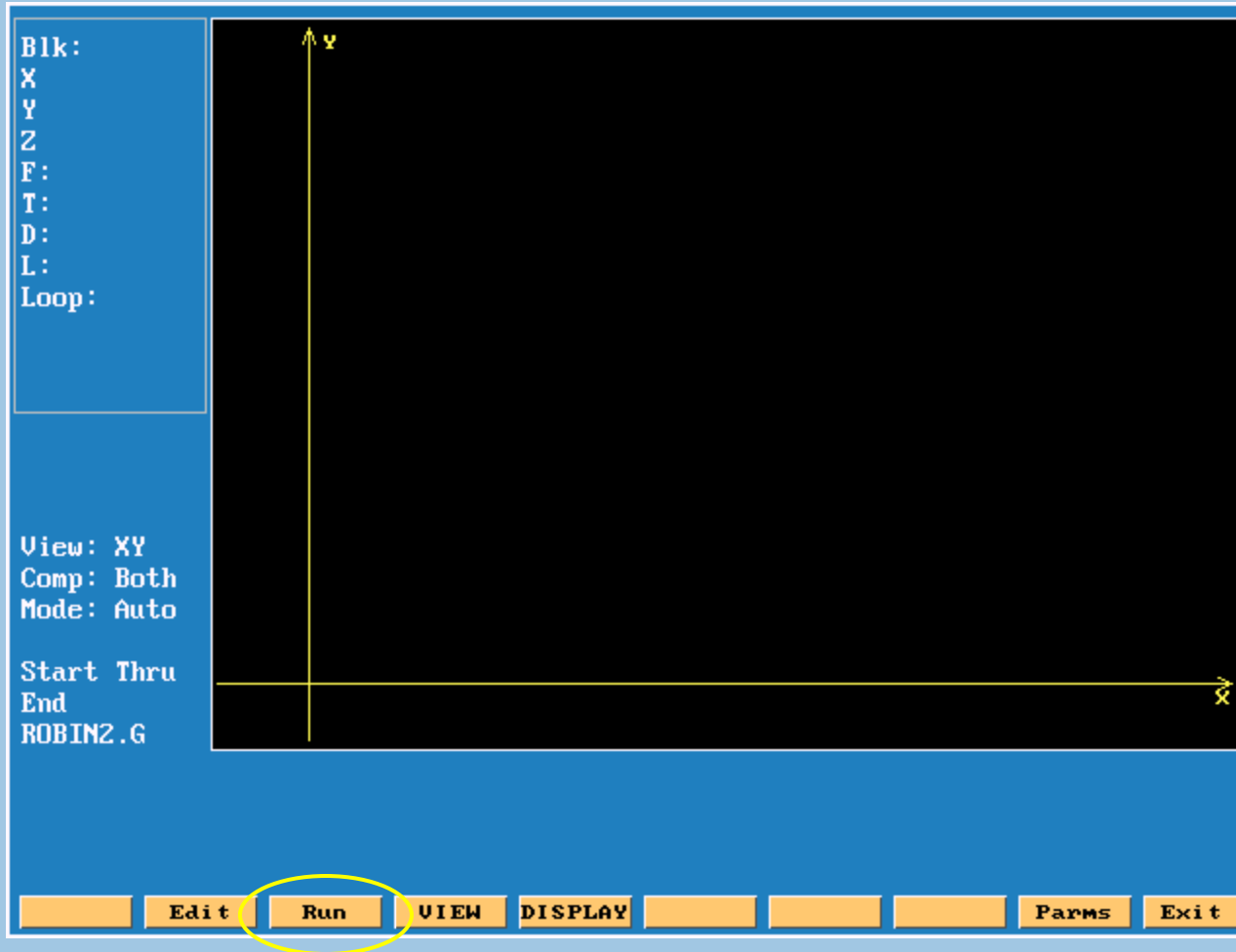
..\	4AX-THD.G	FIG74.G	ROBIN2.FXD	TONY.1
DXF\	5AX-MIL.G	FMOULD.G	<b>ROBIN2.G</b>	TONY.CAM
1.CAM	A.G	FMOULD.S	SAMPLE-1.G	TONY.G
1.G	A.S	FRED.G	SAMPLE-1.S	TONY.GEO
1.GEO	ANILAM.G	FRED.S	SAMPLE-2.CAM	TONY.S
1.S	ANILAM.S	FRED2.G	SAMPLE-2.G	WINDOW-M.G
2.1	BLOCK.G	G45.G	SAMPLE-2.GEO	WINDOW-M.S
2.CAM	BLOCK.S	G49.G	SAMPLE-3.CAM	
2.G	CH6-3-X1.G	G59-2.G	SAMPLE-3.G	
2.GEO	CH6-3-X1.S	G68-COM2.G	SAMPLE-3.GEO	
2.S	CH6-3-X2.G	HELICOMP.G	SAMPLE-4.CAM	
2.T1	CH6-3-X4.G	LETR230.G	SAMPLE-4.G	
3AX-SP10.M	CONTOUR.G	LETRCAL1.G	SAMPLE-4.GEO	
3AX-SP2.M	CONTOUR.S	MERC-CON.G	SAMPLE-5.CAM	
3AX-SP3.M	DRAFT-2.G	MERC-CON.S	SAMPLE-5.G	
3AX-SP5.M	DRAFT-2.S	MULTIP~1.G	SAMPLE-5.GEO	
3AX-SP6.M	DRFTPC2.G	MULTIP~1.S	SAMPLE-6.G	
3AX-SP7.CAM	DRFTPC2.S	PARALLEL.G	SAMPLE-7.G	
3AX-SP7.GEO	EXA1.G	PARALLEL.S	SAMPLE-8.G	
3AX-SP7.M	EXA1.S	POCKETS.G	SAMPLE-9.G	
3AX-SP8.M	EXA2.G	Q.G	SCALLOP.G	
3AX-SP9.M	EXA3.G	QWE.M	SCALLOP.S	
4AX-DRL.G	EXB1.G	RICHARD.G	STOCKVAR.G	
4AX-DRL.S	EXB2.G	ROBIN2.DXF	TC.G	

C:\USER SELECTED PROGRAM:

Create	Delete	CAM	List	Select	<b>Draw</b>	Edit	Utility	Exit
--------	--------	-----	------	--------	-------------	------	---------	------

Click **Draw** to view the completed part

This is the CNC draw display, in an X,Y plane view



Click **Run** to view the part



White lines show tool path; green line indicates compensated tool path for verification.  
Additional views are available.

Blk: 20  
X 6.9000  
Y 3.5000  
Z 0.0000  
F: 150.0  
T: 0  
D: 0.0000  
L: 0.0000  
Loop: 0  
Rapid  
Abs Inch  
Off XY

View: XY  
Comp: Both  
Mode: Auto

Start Thru  
End  
ROBIN2.G  
M5  
T0 G0 Z0  
M2

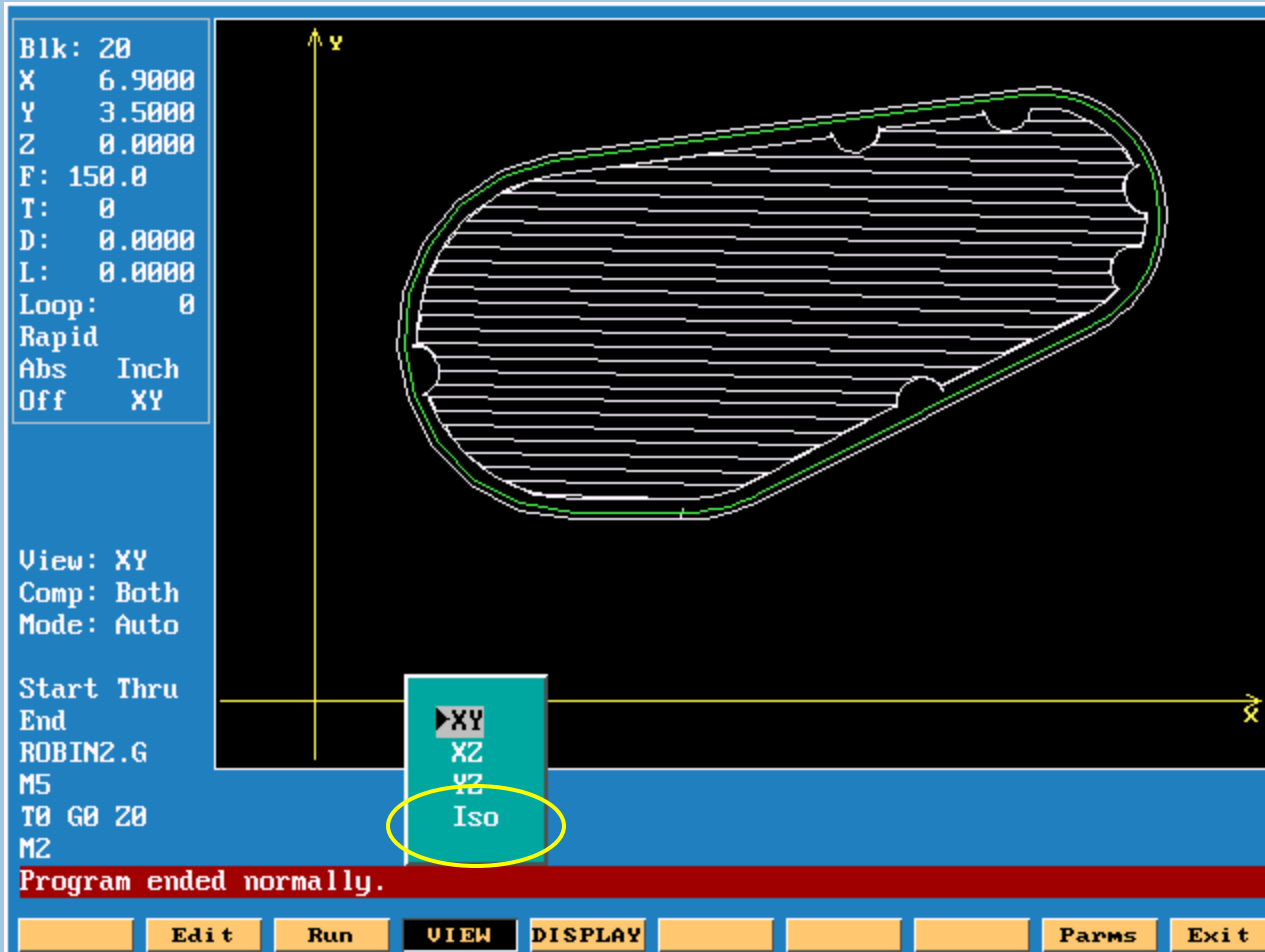
Program ended normally.

Edit Run **VIEW** DISPLAY Params Exit

Click **View** to see options



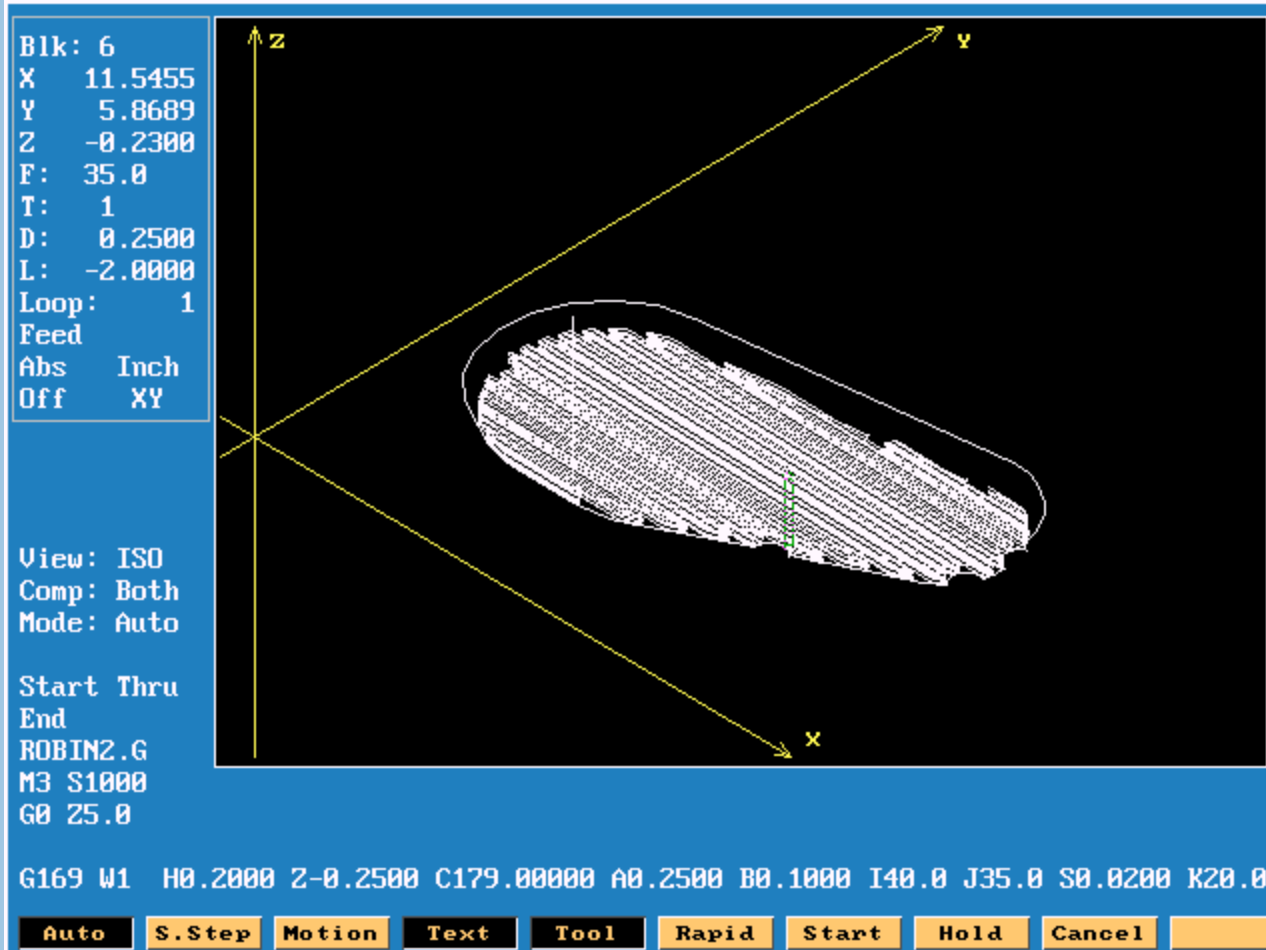
The part can be seen in a variety of views for length, width, and depth verification.



Click **ISO** to see a three dimensional view



This is a partial view of the part while draw is in progress.



Press space bar or click next





## End of demonstration.

Thank you for taking the time to view this example of how complex programs can easily be created on Anilam systems.

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