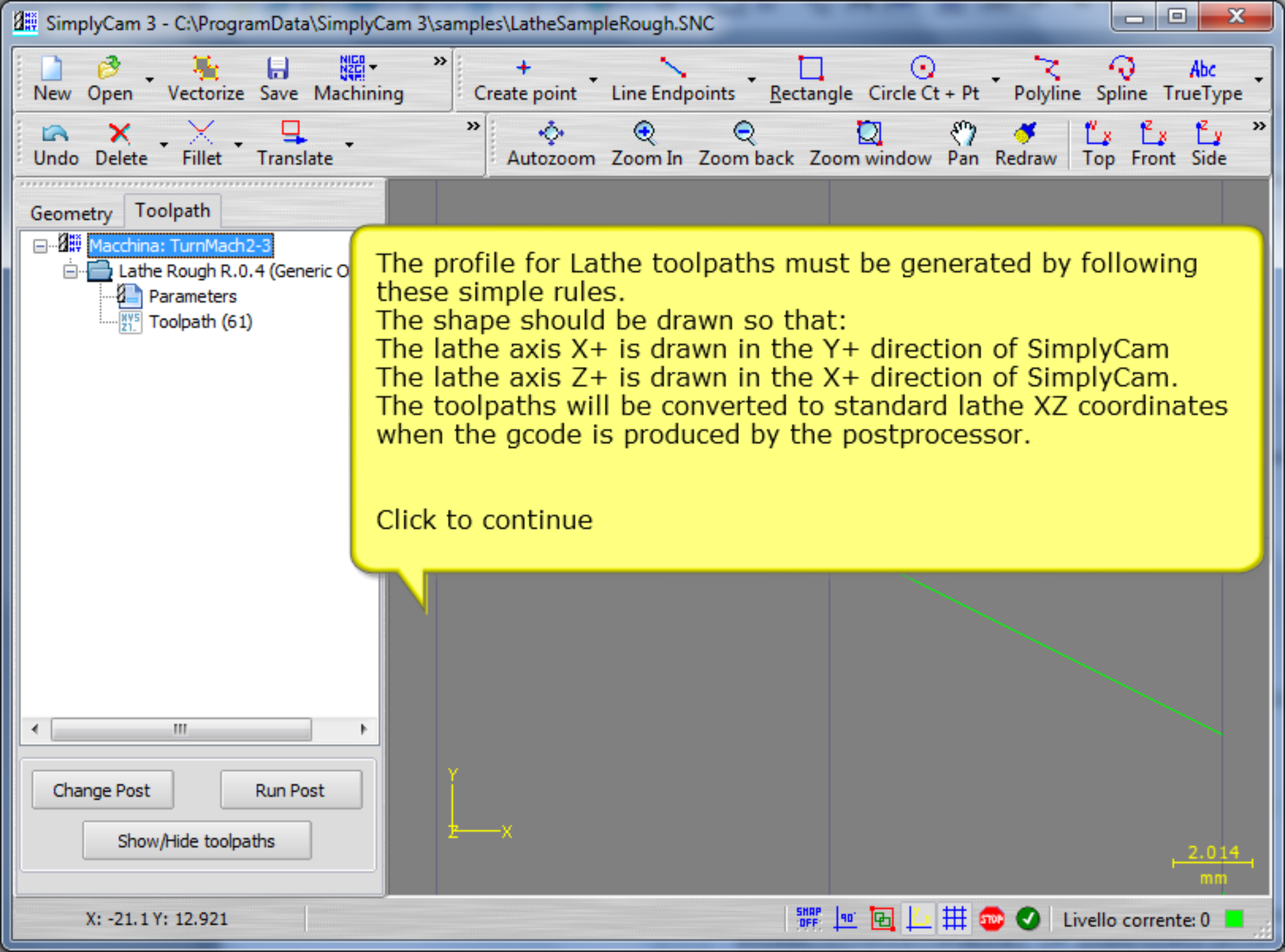
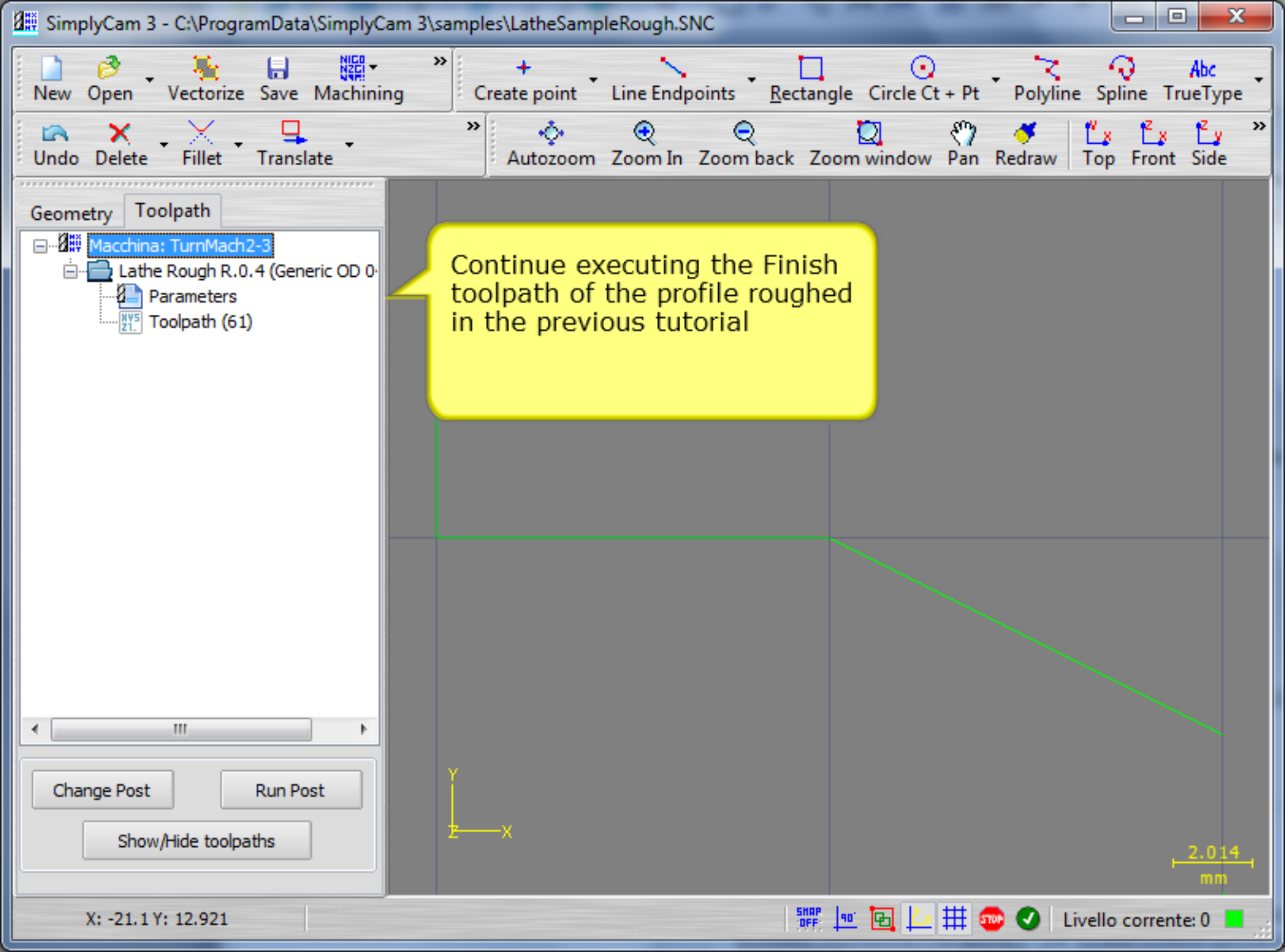
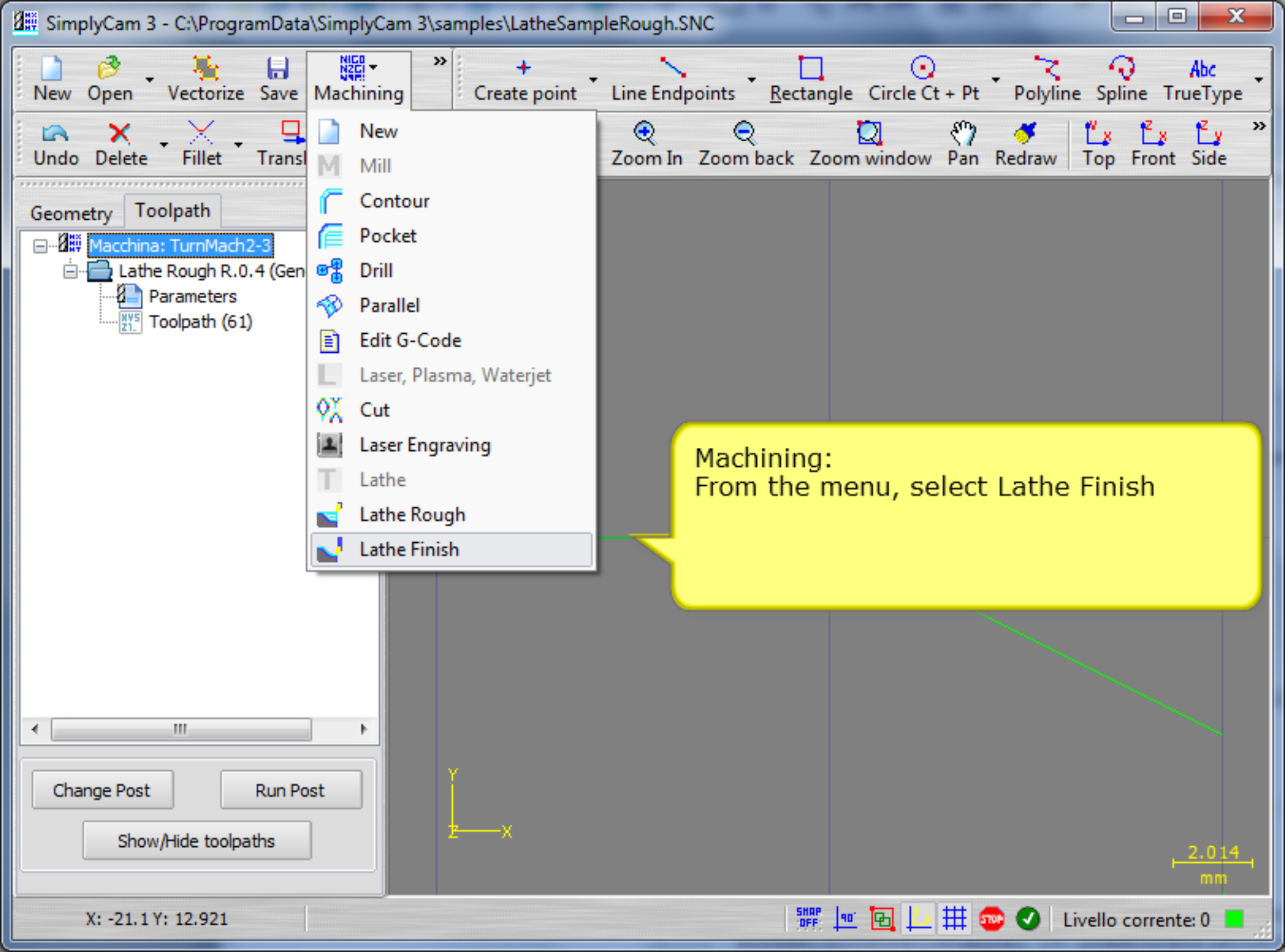
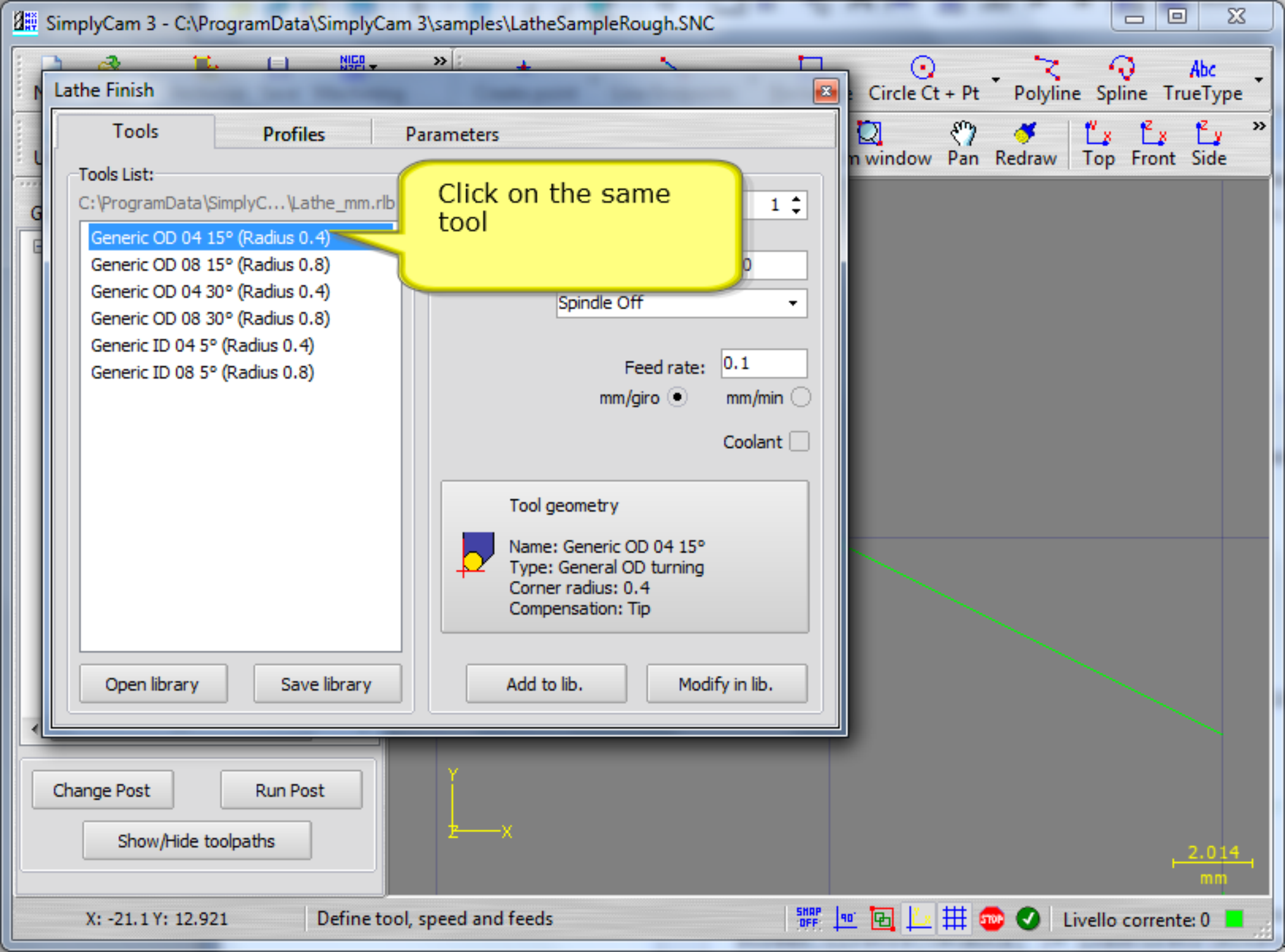
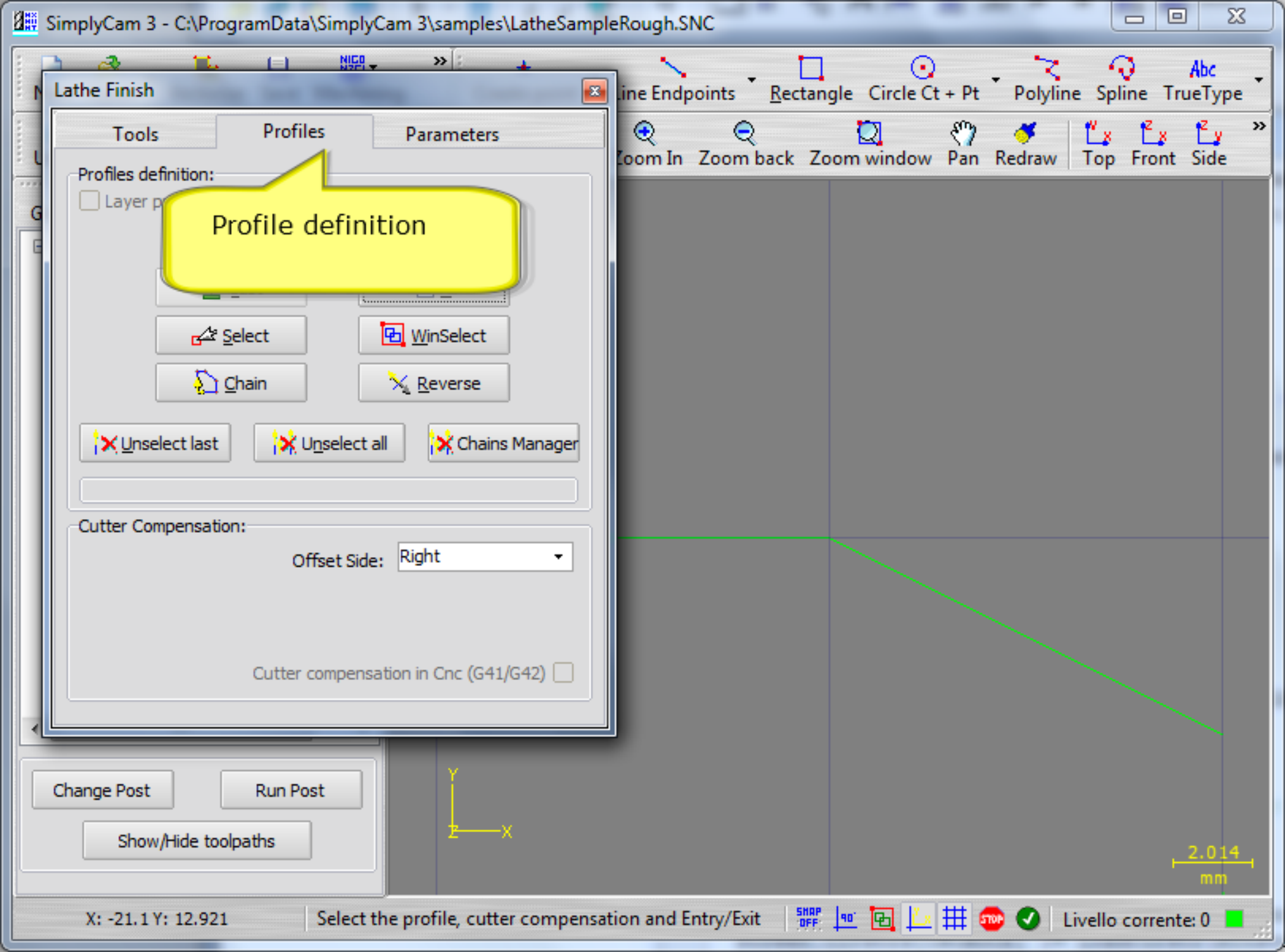
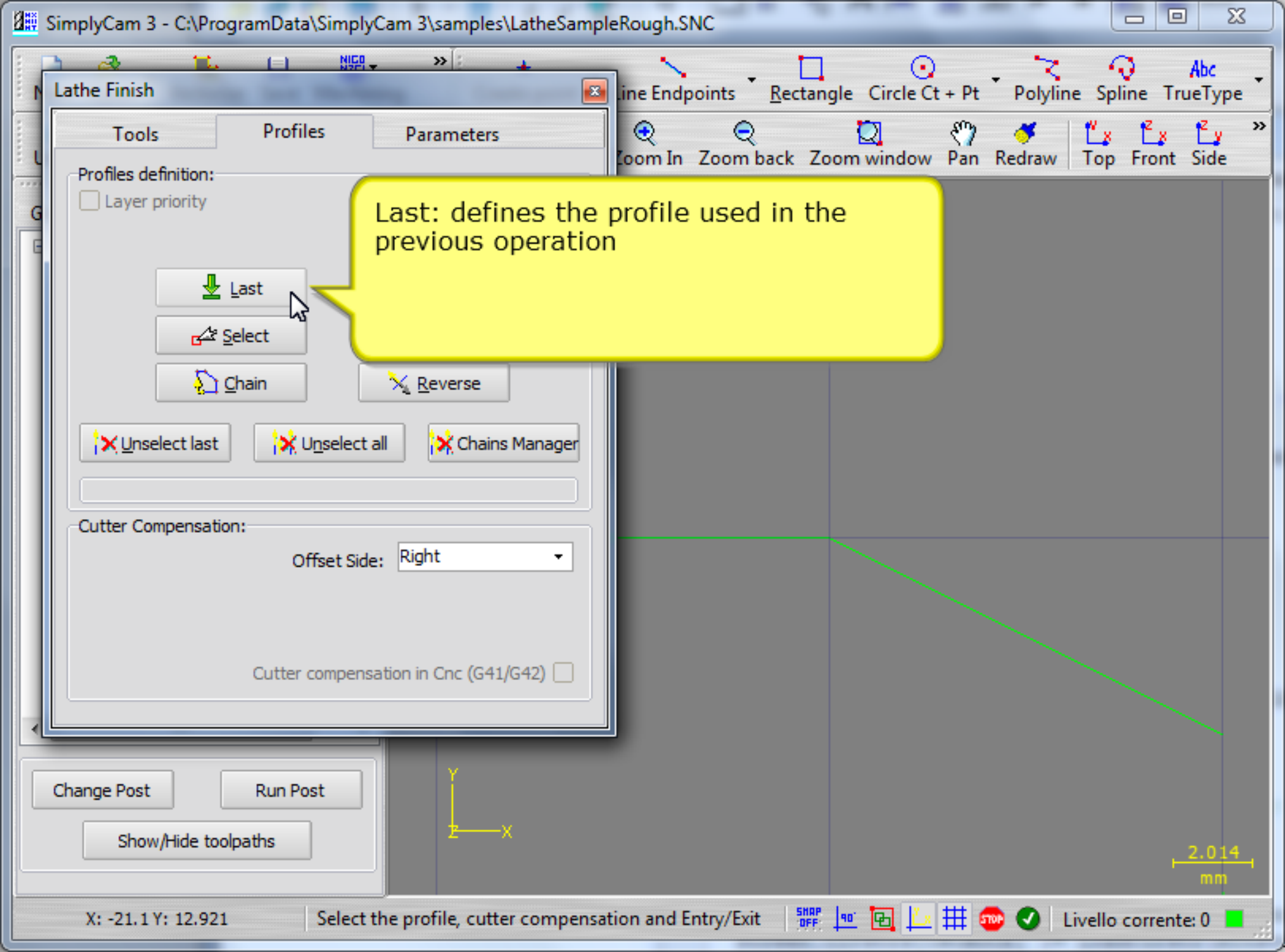

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Undo
Delete
Fillet
Translate
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Geometry
Toolpath
Macchina: TurnMach2-3
Lathe Rough R.0.4 (Generic O
Parameters
Toolpath (61)
The profile for Lathe toolpaths must be generated by following these simple rules.
The shape should be drawn so that:
The lathe axis X+ is drawn in the Y+ direction of SimplyCam
The lathe axis Z+ is drawn in the X+ direction of SimplyCam.
The toolpaths will be converted to standard lathe XZ coordinates when the gcode is produced by the postprocessor.
Click to continue
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
2.014
mm
X: -21.1 Y: 12.921
Livello corrente: 0

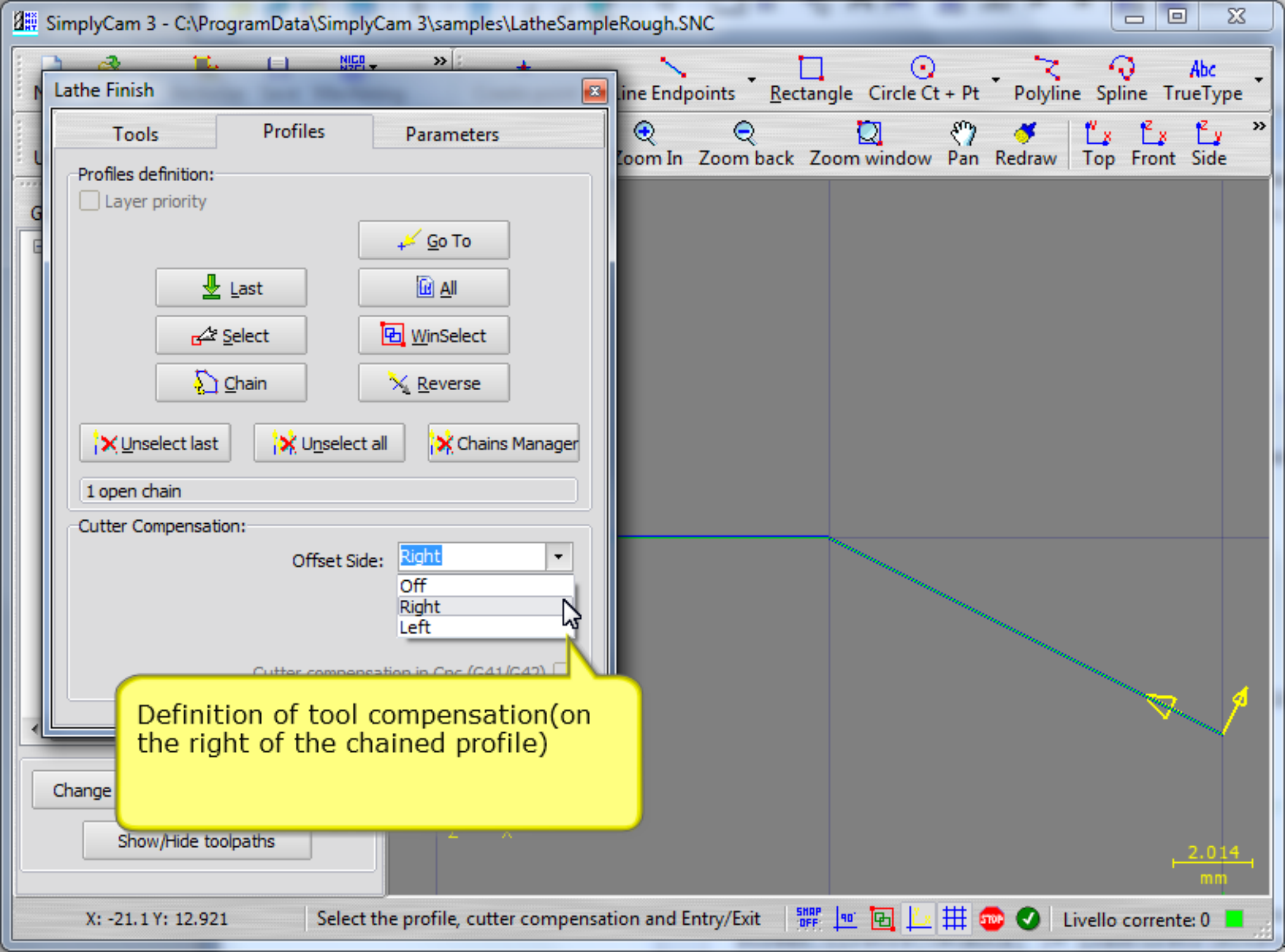

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Undo
Delete
Fillet
Translate
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Geometry
Toolpath
Macchina: TurnMach2-3
Lathe Rough R.0.4 (Generic OD 0
Parameters
Toolpath (61)
Continue executing the Finish toolpath of the profile roughed in the previous tutorial
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
2.014
mm
X: -21.1 Y: 12.921
Livello corrente: 0

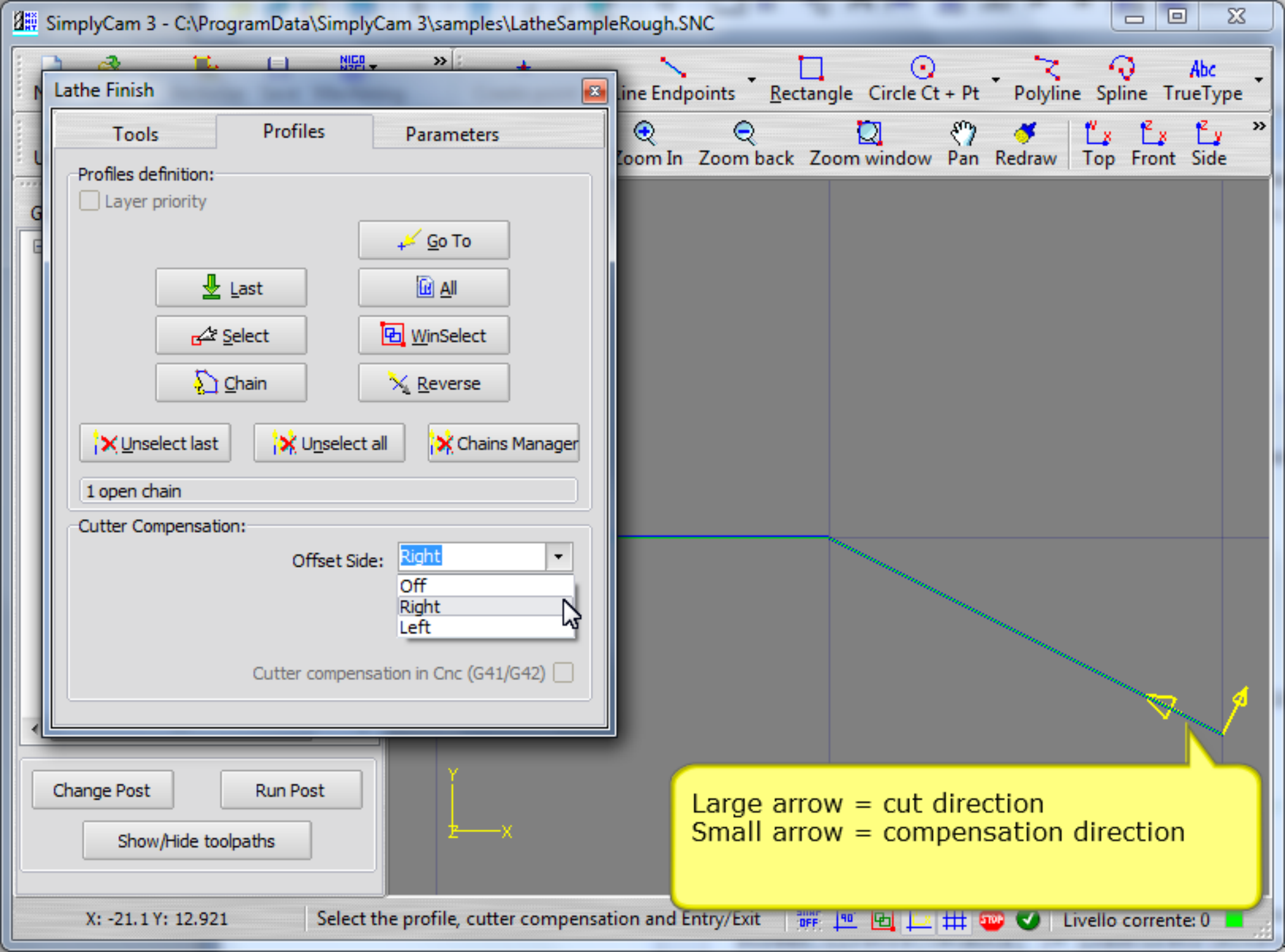

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Undo
Delete
Fillet
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Geometry
Toolpath
Macchina: TurnMach2-3
Lathe Rough R.0.4 (Gen
Parameters
Toolpath (61)
New
Mill
Contour
Pocket
Drill
Parallel
Edit G-Code
Laser, Plasma, Waterjet
Cut
Laser Engraving
Lathe
Lathe Rough
Lathe Finish
Machining:
From the menu, select Lathe Finish
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
2.014
mm
X: -21.1 Y: 12.921
Livello corrente: 0

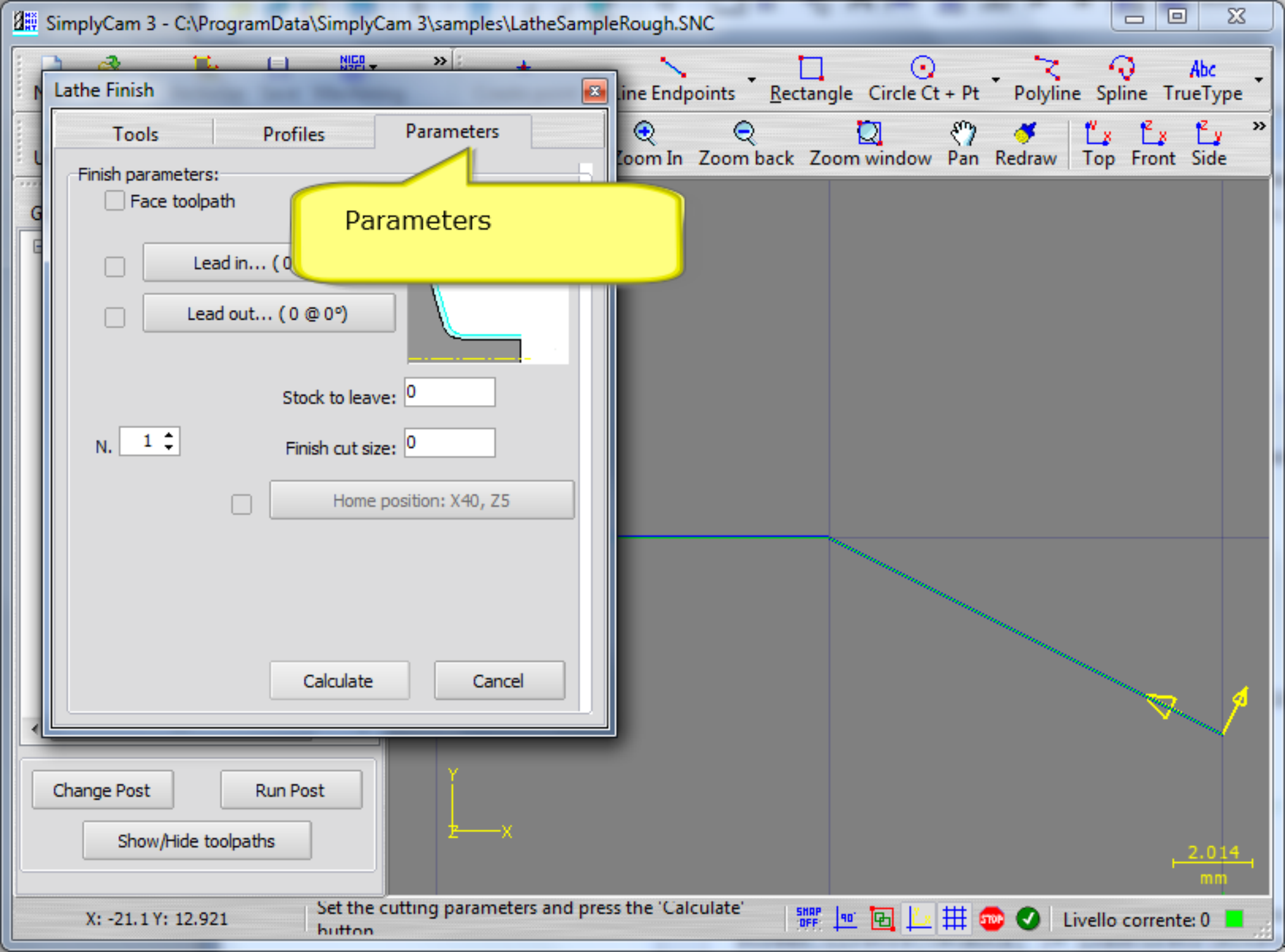

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
Lathe Finish
Tools
Profiles
Parameters
Tools List:
C:\ProgramData\SimplyC...\Lathe_mm.rlb
Generic OD 04 15° (Radius 0.4)
Generic OD 08 15° (Radius 0.8)
Generic OD 04 30° (Radius 0.4)
Generic OD 08 30° (Radius 0.8)
Generic ID 04 5° (Radius 0.4)
Generic ID 08 5° (Radius 0.8)
Click on the same tool
Spindle Off
Feed rate:
0.1
mm/giro
mm/min
Coolant
Tool geometry
Name: Generic OD 04 15°
Type: General OD turning
Corner radius: 0.4
Compensation: Tip
Open library
Save library
Add to lib.
Modify in lib.
Change Post
Run Post
Show/Hide toolpaths
Circle Ct + Pt
Polyline
Spline
TrueType
Pan
Redraw
Top
Front
Side
2.014
mm
X: -21.1 Y: 12.921
Define tool, speed and feeds
Livello corrente: 0

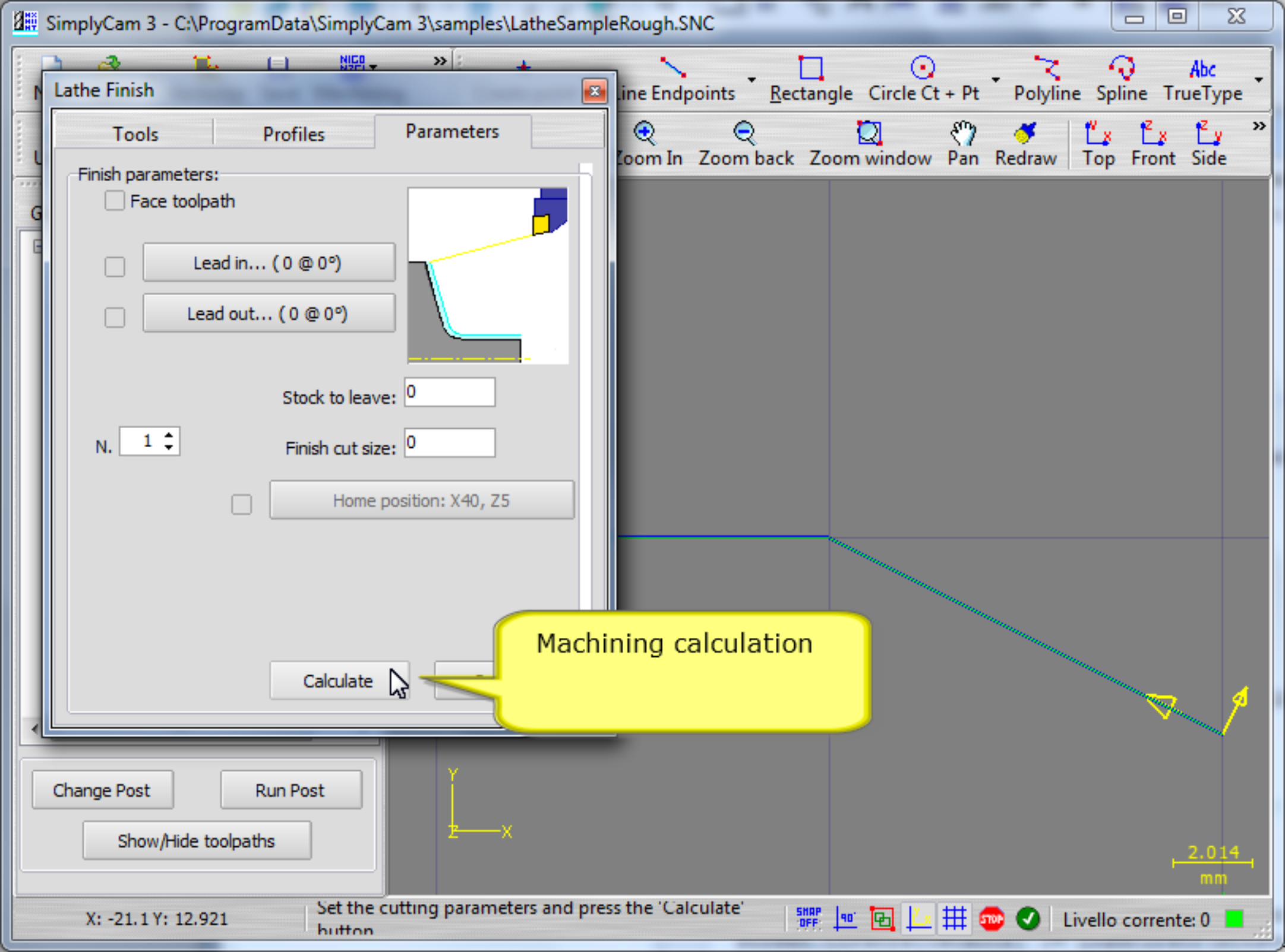

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
Lathe Finish
Tools
Profiles
Parameters
Profiles definition:
Profile definition
Select
WinSelect
Chain
Reverse
Unselect last
Unselect all
Chains Manager
Cutter Compensation:
Offset Side:
Right
Cutter compensation in Cnc (G41/G42)
Change Post
Run Post
Show/Hide toolpaths
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
2.014
mm
X: -21.1 Y: 12.921
Select the profile, cutter compensation and Entry/Exit
Livello corrente: 0

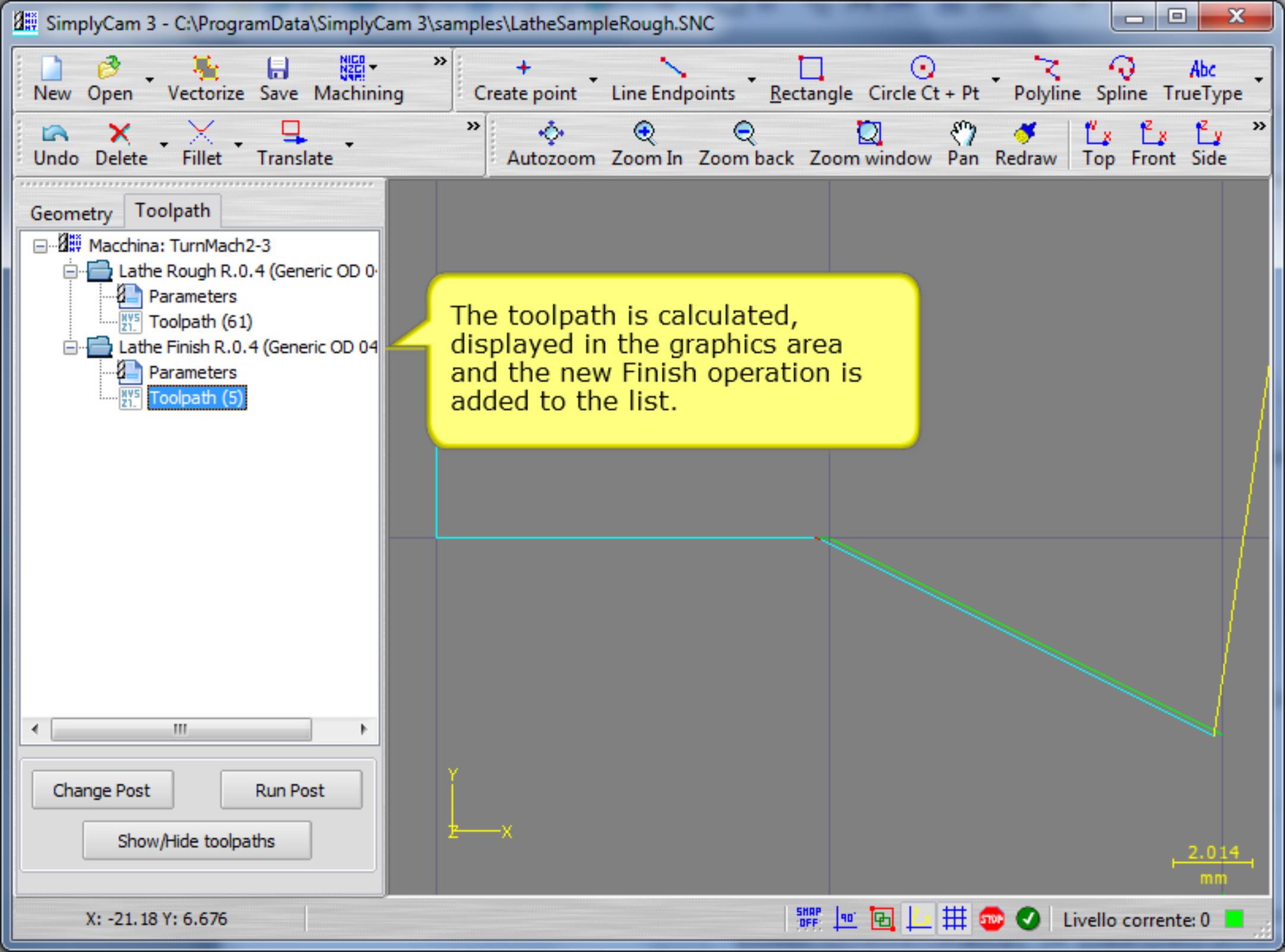

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
Lathe Finish
Tools
Profiles
Parameters
Profiles definition:
Layer priority
Last
Select
Chain
Reverse
Unselect last
Unselect all
Chains Manager
Cutter Compensation:
Offset Side:
Right
Cutter compensation in Cnc (G41/G42)
Last: defines the profile used in the previous operation
Change Post
Run Post
Show/Hide toolpaths
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
2.014
mm
X: -21.1 Y: 12.921
Select the profile, cutter compensation and Entry/Exit
Livello corrente: 0

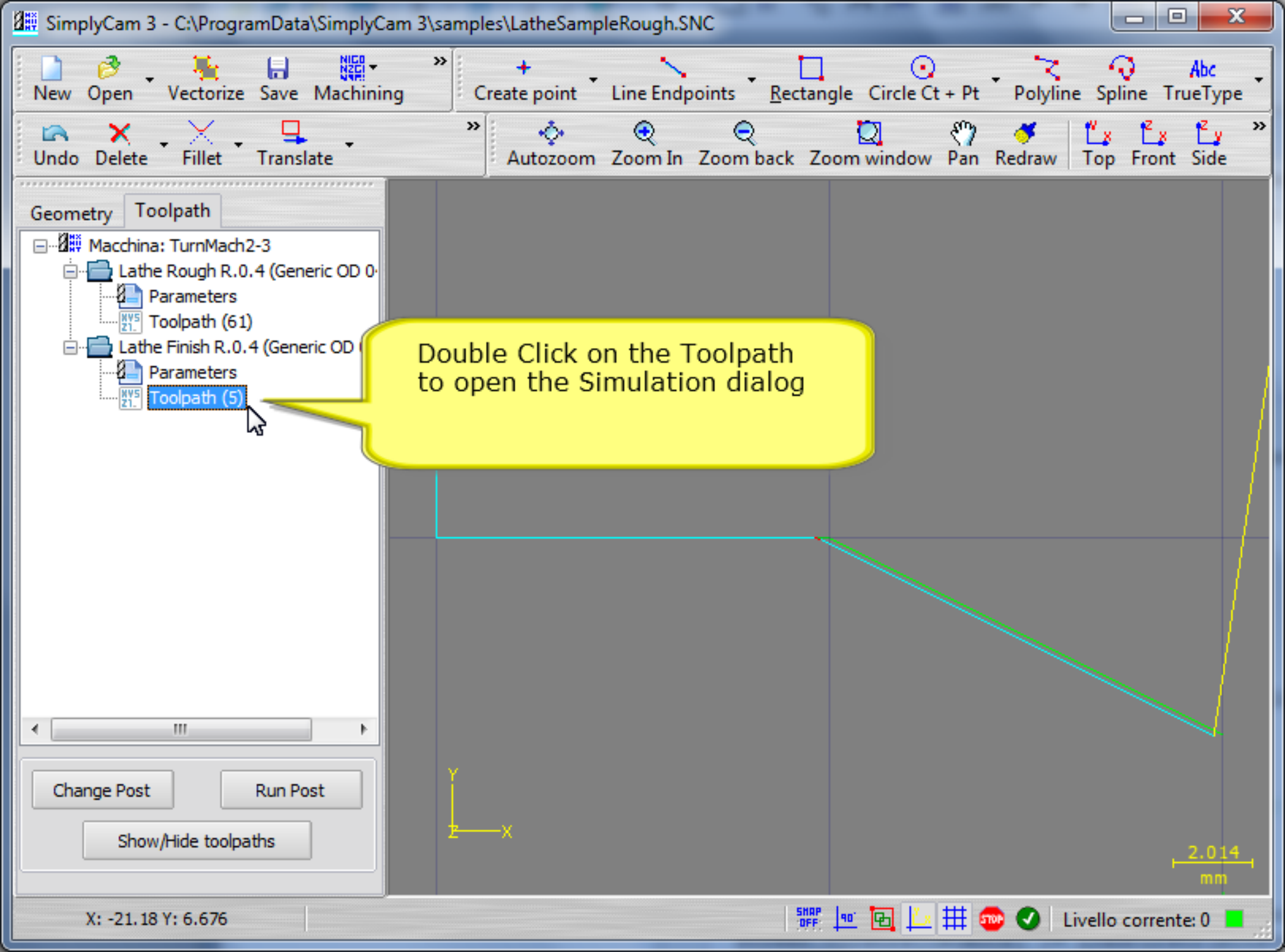

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
Lathe Finish
Tools
Profiles
Parameters
Profiles definition:
Layer priority
Go To
Last
All
Select
WinSelect
Chain
Reverse
Unselect last
Unselect all
Chains Manager
1 open chain
Cutter Compensation:
Offset Side:
Right
Off
Right
Left
Change
Show/Hide toolpaths
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Definition of tool compensation(on the right of the chained profile)
2.014
mm
X: -21.1 Y: 12.921
Select the profile, cutter compensation and Entry/Exit
Livello corrente: 0

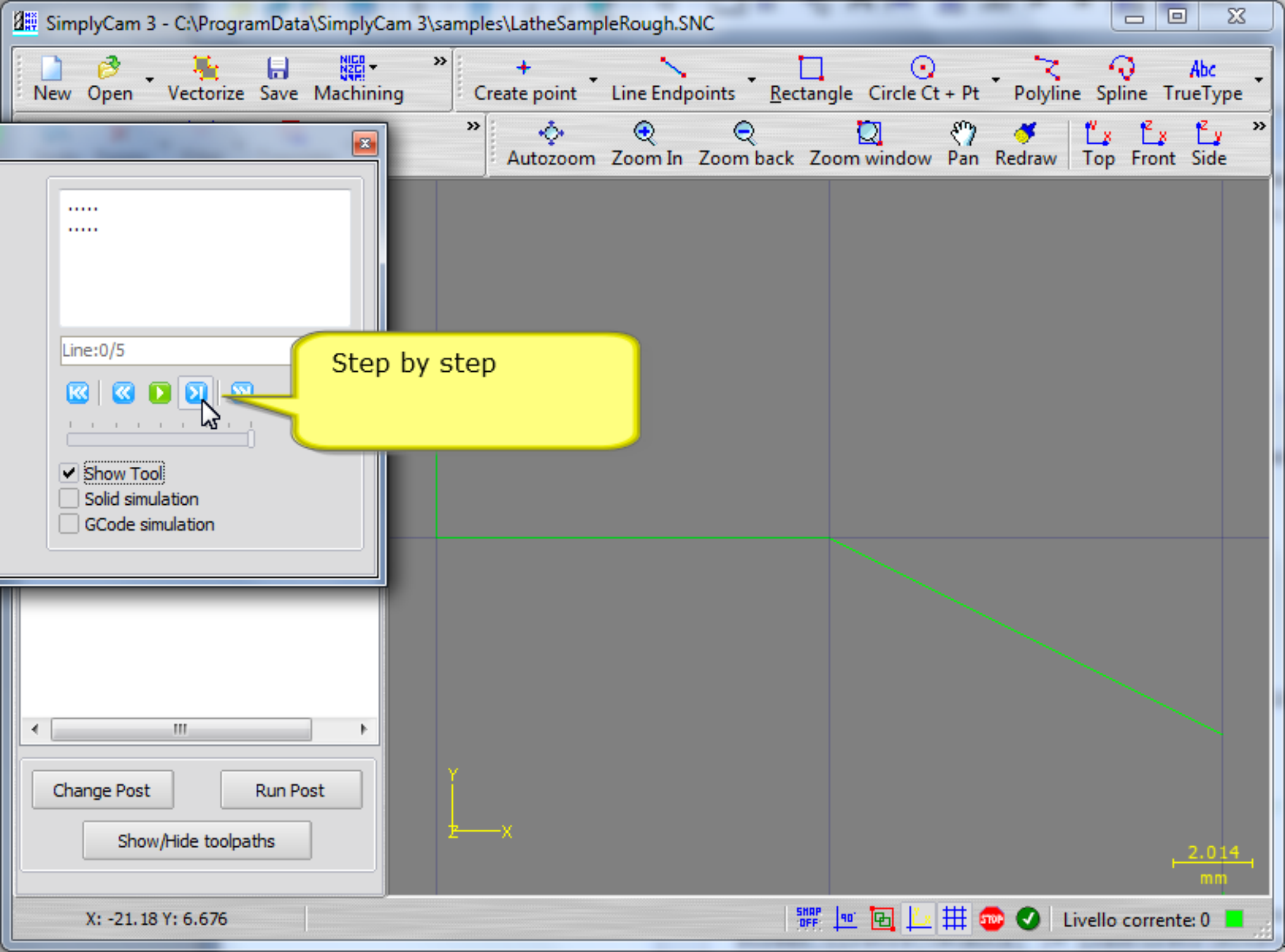

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
Lathe Finish
Tools
Profiles
Parameters
Profiles definition:
Layer priority
Go To
Last
All
Select
WinSelect
Chain
Reverse
Unselect last
Unselect all
Chains Manager
1 open chain
Cutter Compensation:
Offset Side:
Right
Off
Right
Left
Cutter compensation in Cnc (G41/G42)
Change Post
Run Post
Show/Hide toolpaths
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Large arrow = cut direction
Small arrow = compensation direction
X: -21.1 Y: 12.921
Select the profile, cutter compensation and Entry/Exit
Livello corrente: 0

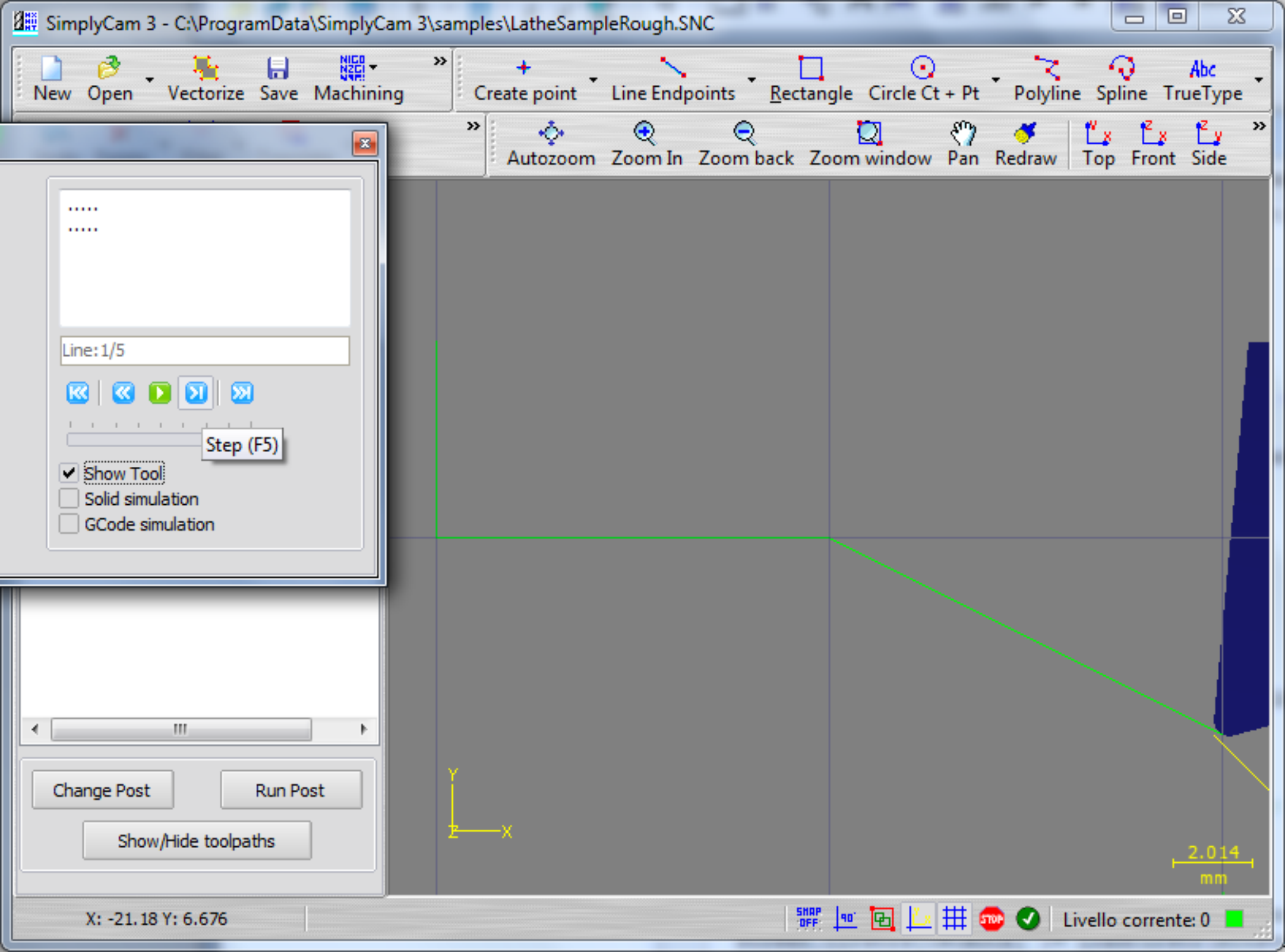

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
Lathe Finish
Tools
Profiles
Parameters
Finish parameters:
Face toolpath
Lead in... (0
Lead out... (0 @ 0°)
Stock to leave: 0
N. 1
Finish cut size: 0
Home position: X40, Z5
Calculate
Cancel
Parameters
Change Post
Run Post
Show/Hide toolpaths
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
2.014
mm
X: -21.1 Y: 12.921
Set the cutting parameters and press the 'Calculate' button
Livello corrente: 0

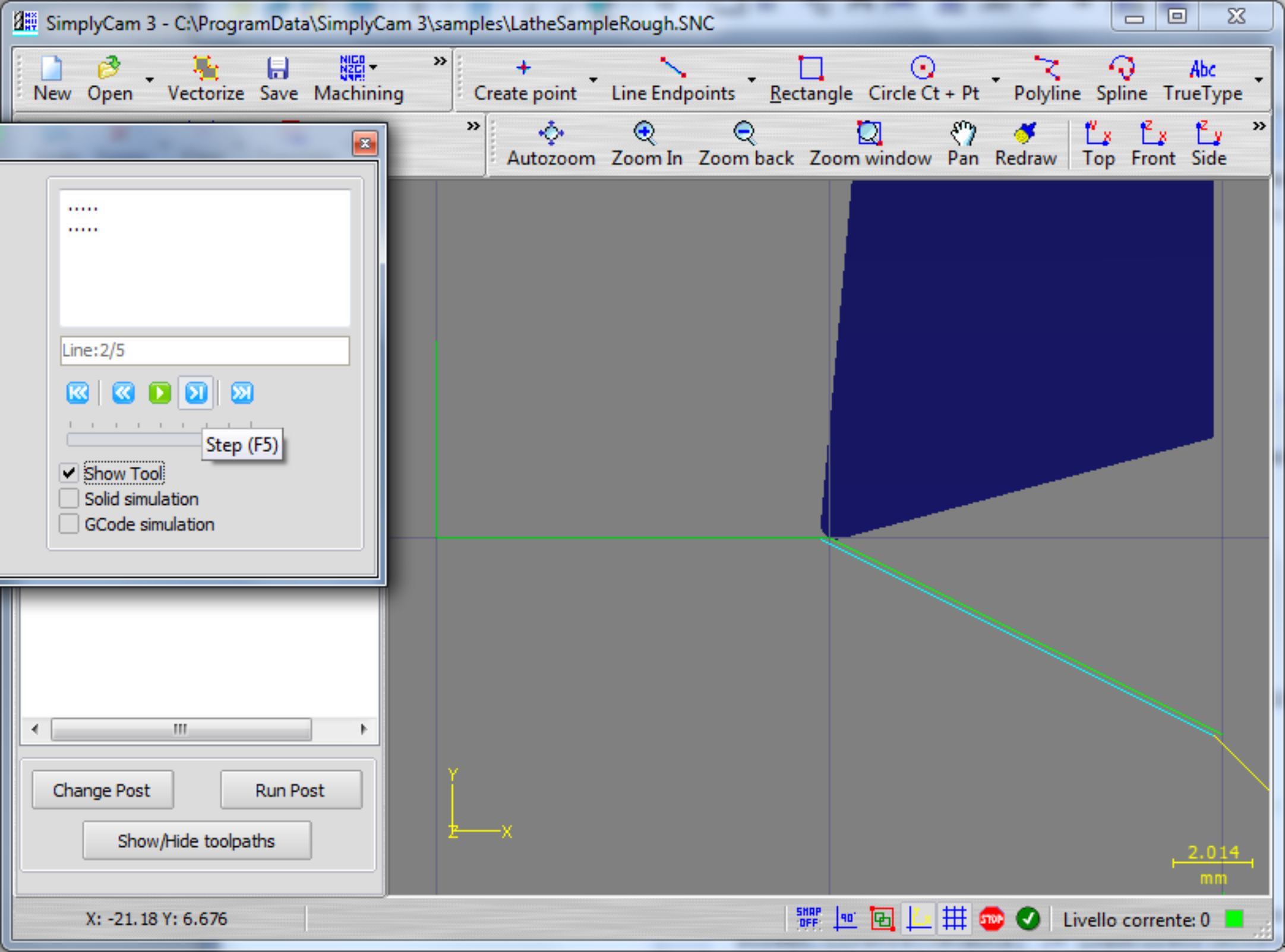

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
Lathe Finish
Tools
Profiles
Parameters
Finish parameters:
Face toolpath
Lead in... (0 @ 0°)
Lead out... (0 @ 0°)
Stock to leave: 0
N. 1
Finish cut size: 0
Home position: X40, Z5
Calculate
Machining calculation
Change Post
Run Post
Show/Hide toolpaths
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
2.014
mm
X: -21.1 Y: 12.921
Set the cutting parameters and press the 'Calculate' button
Livello corrente: 0

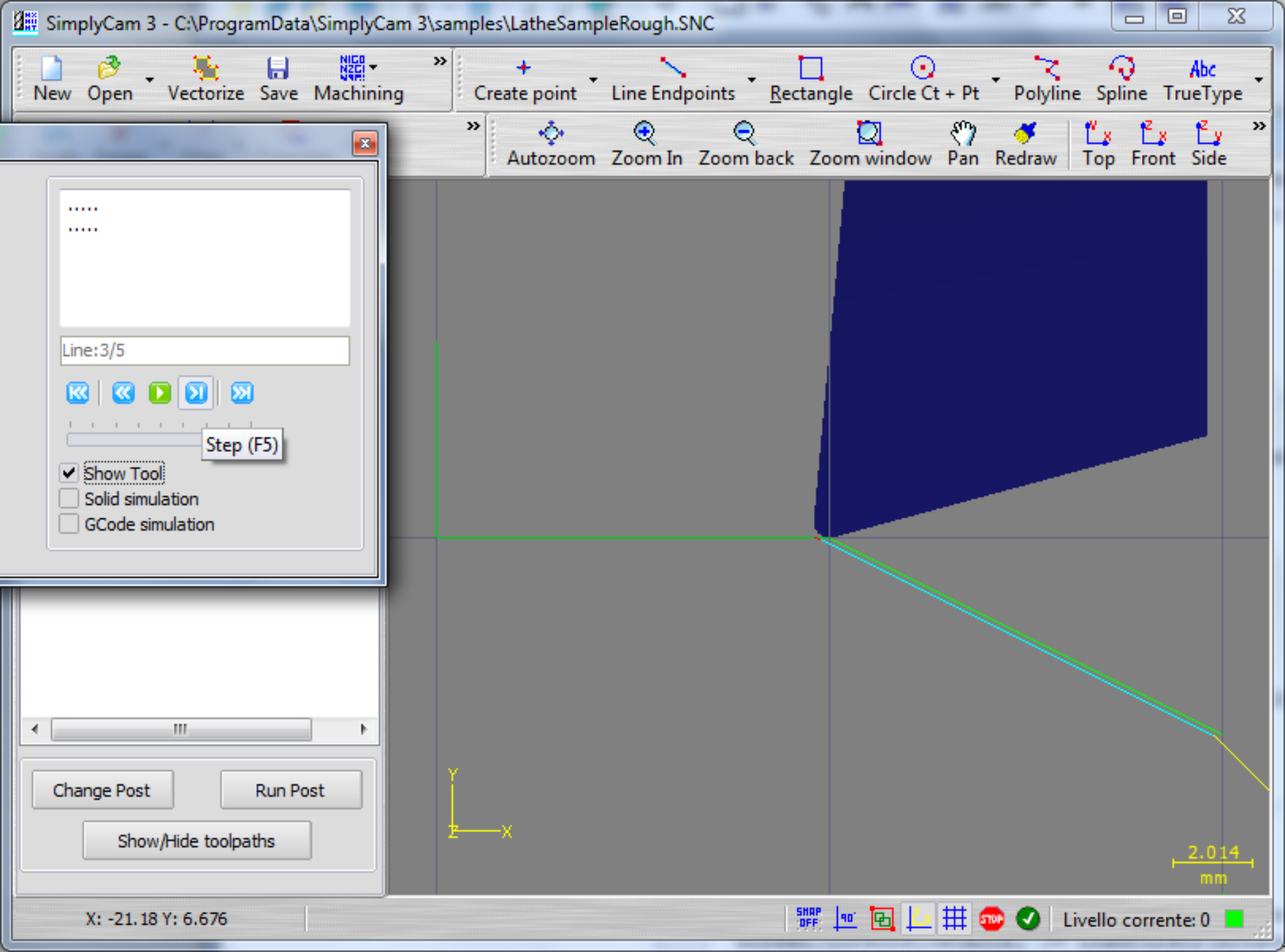

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Undo
Delete
Fillet
Translate
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Geometry
Toolpath
Macchina: TurnMach2-3
Lathe Rough R.0.4 (Generic OD 0
Parameters
Toolpath (61)
Lathe Finish R.0.4 (Generic OD 04
Parameters
Toolpath (5)
The toolpath is calculated, displayed in the graphics area and the new Finish operation is added to the list.
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
2.014
mm
X: -21.18 Y: 6.676
Livello corrente: 0

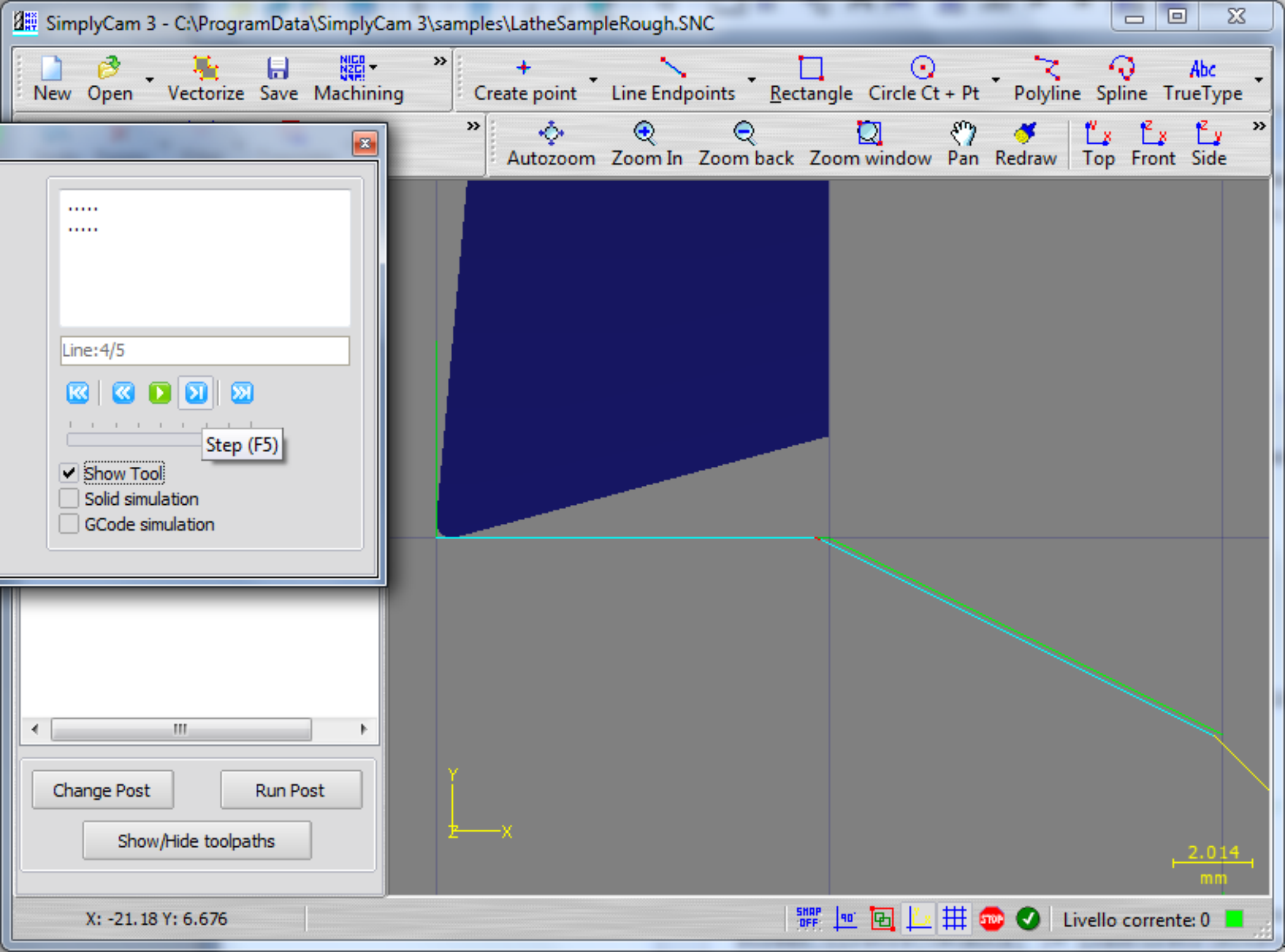

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Undo
Delete
Fillet
Translate
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Geometry
Toolpath
Macchina: TurnMach2-3
Lathe Rough R.0.4 (Generic OD 0
Parameters
Toolpath (61)
Lathe Finish R.0.4 (Generic OD
Parameters
Toolpath (5)
Double Click on the Toolpath
to open the Simulation dialog
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
2.014
mm
X: -21.18 Y: 6.676
Livello corrente: 0

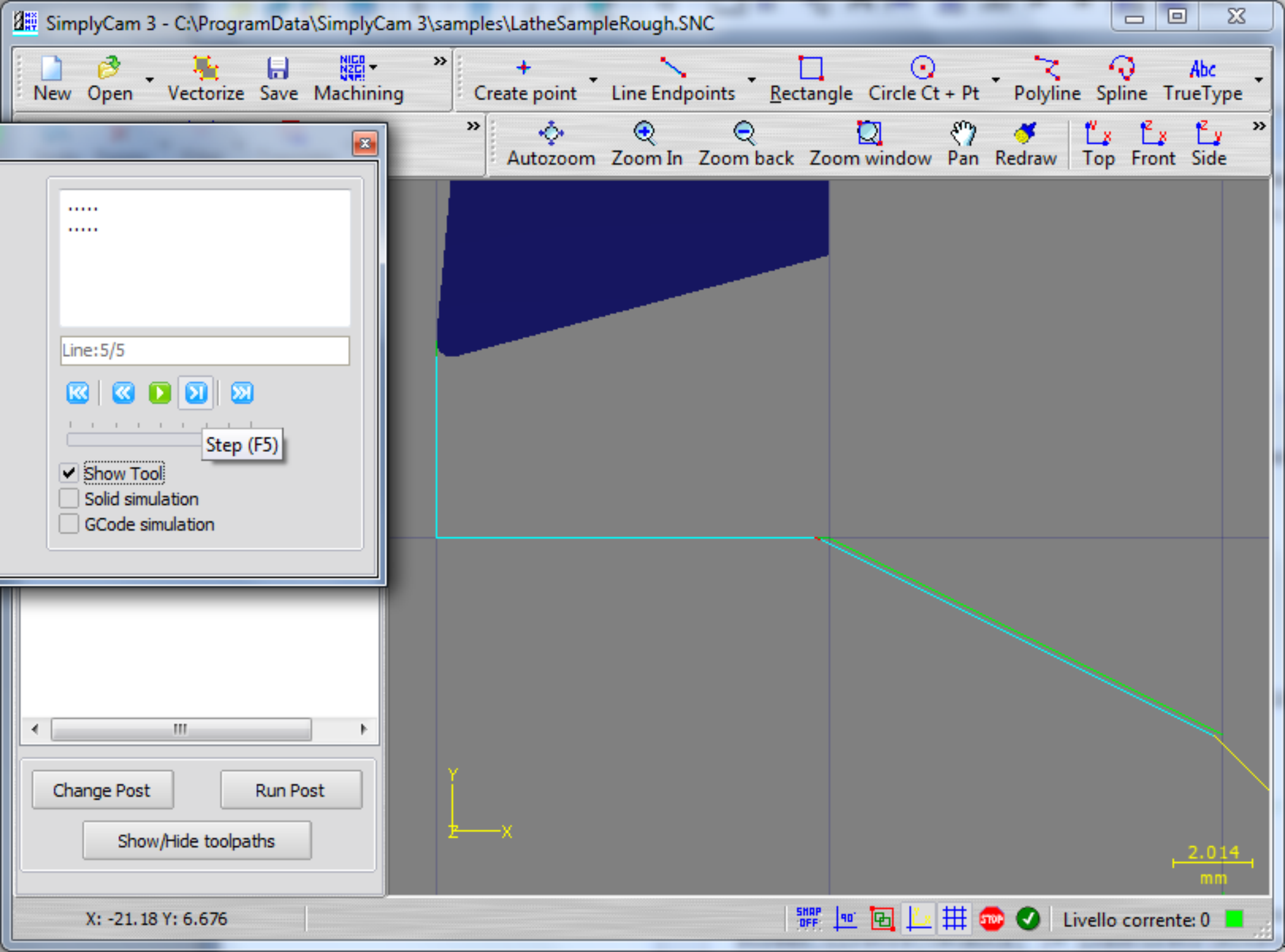

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Line:0/5
Step by step
Show Tool
Solid simulation
GCode simulation
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
2.014
mm
X: -21.18 Y: 6.676
Livello corrente: 0

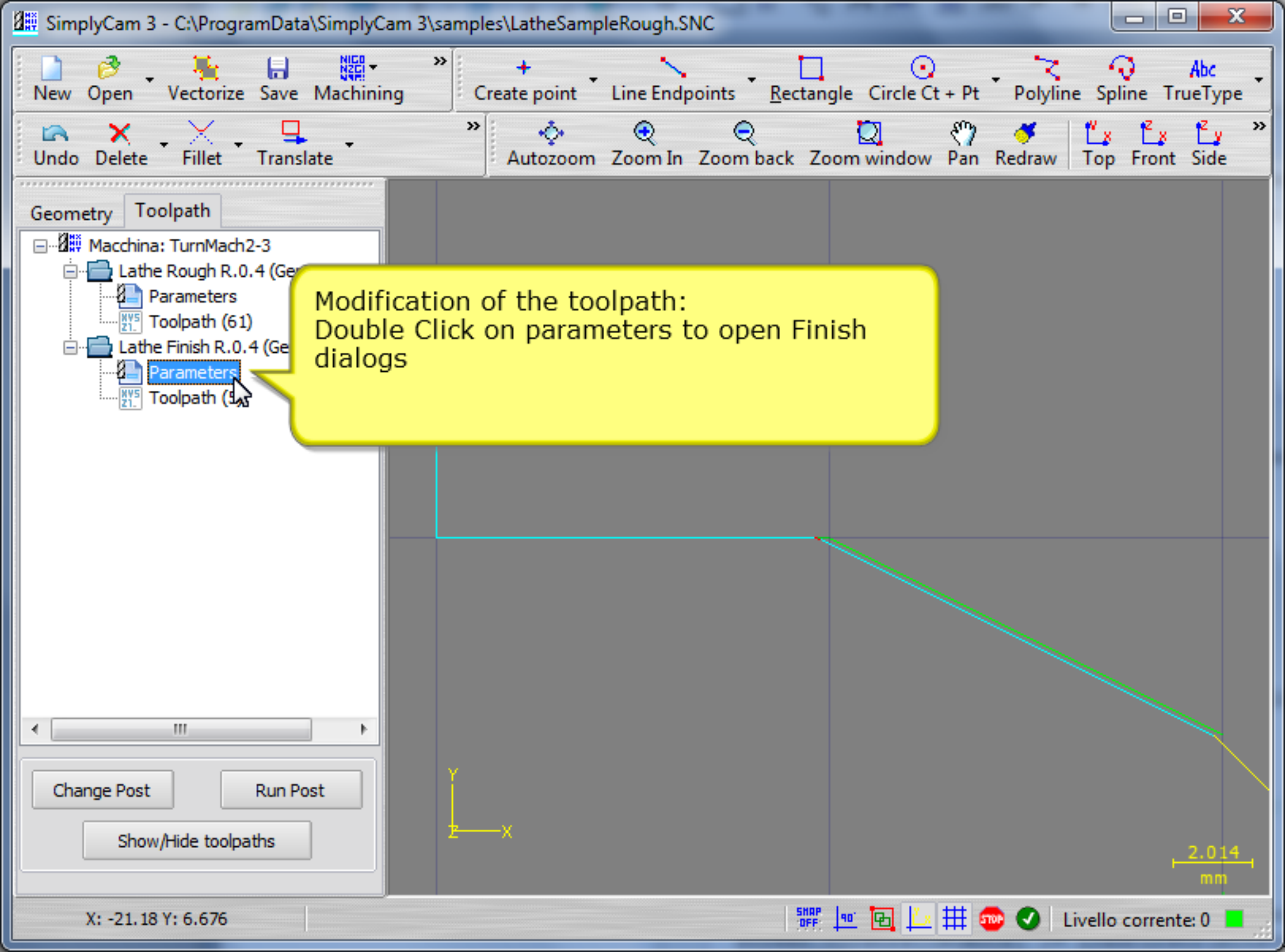

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Line: 1/5
Step (F5)
Show Tool
Solid simulation
GCode simulation
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
2.014
mm
X: -21.18 Y: 6.676
Livello corrente: 0

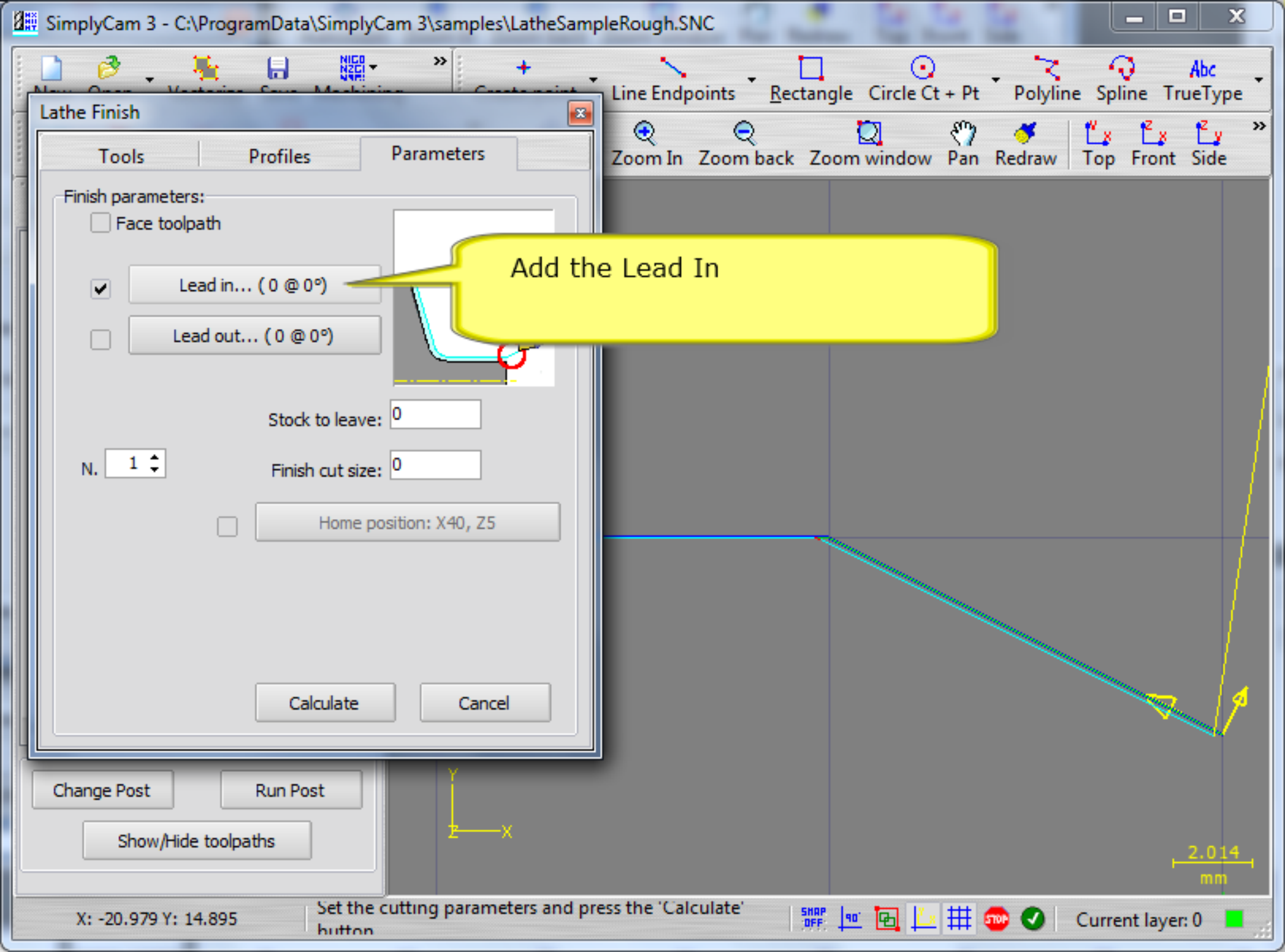

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Line:2/5
Step (F5)
Show Tool
Solid simulation
GCode simulation
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
2.014
mm
X: -21.18 Y: 6.676
Livello corrente: 0

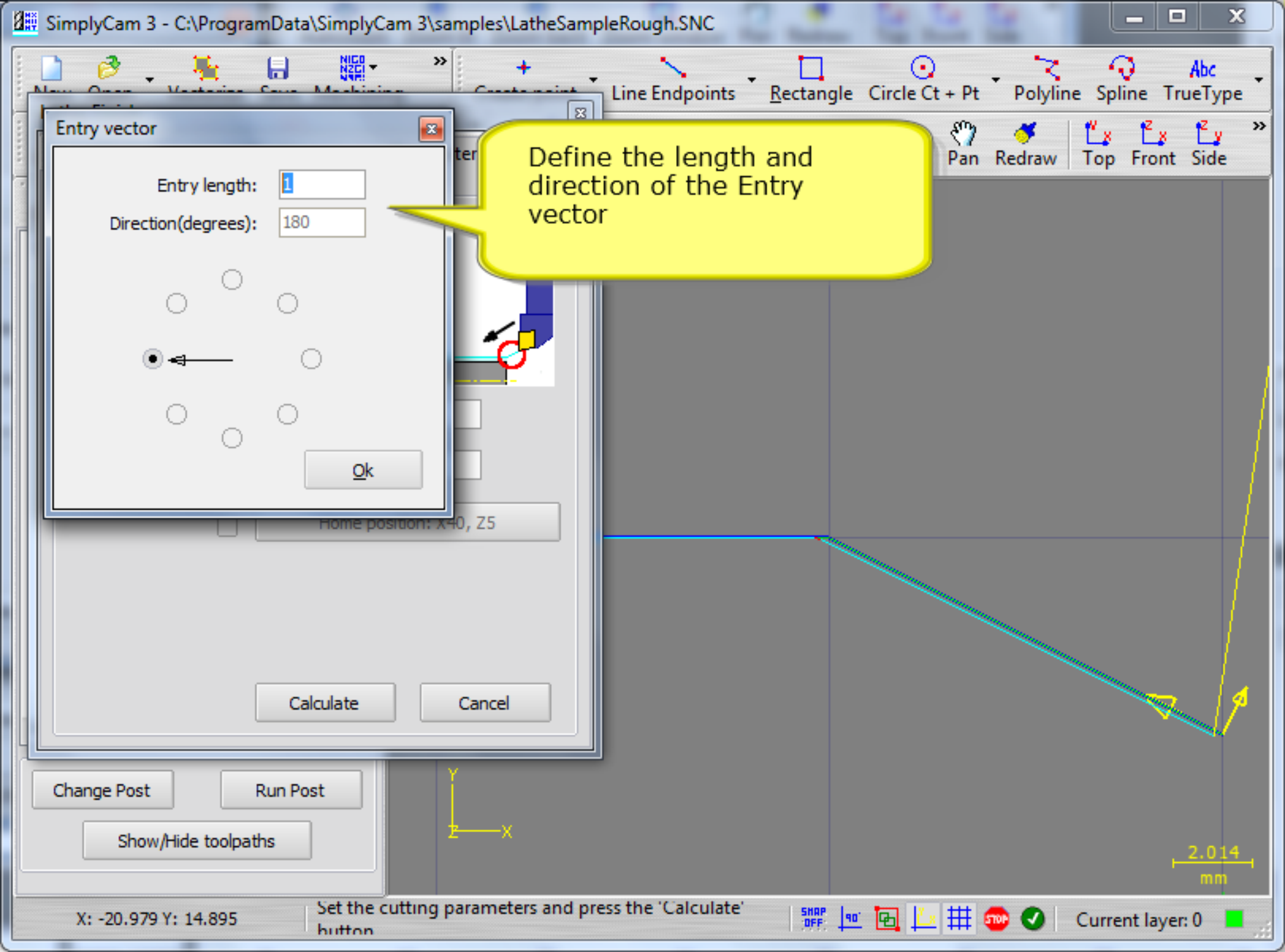

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Line:3/5
Step (F5)
Show Tool
Solid simulation
GCode simulation
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
2.014
mm
X: -21.18 Y: 6.676
Livello corrente: 0


SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
.....
.....
Line:4/5
Step (F5)
Show Tool
Solid simulation
GCode simulation
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
2.014
mm
X: -21.18 Y: 6.676
Livello corrente: 0


SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Line:5/5
Step (F5)
Show Tool
Solid simulation
GCode simulation
Change Post
Run Post
Show/Hide toolpaths
2.014
mm
X: -21.18 Y: 6.676
Livello corrente: 0


SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Undo
Delete
Fillet
Translate
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Geometry
Toolpath
Macchina: TurnMach2-3
Lathe Rough R.0.4 (Ge
Parameters
Toolpath (61)
Lathe Finish R.0.4 (Ge
Parameters
Toolpath (5
Modification of the toolpath:
Double Click on parameters to open Finish dialogs
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
2.014
mm
X: -21.18 Y: 6.676
SNAP OFF
Livello corrente: 0


SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Lathe Finish
Tools
Profiles
Parameters
Finish parameters:
Face toolpath
Lead in... (0 @ 0°)
Lead out... (0 @ 0°)
Add the Lead In
Stock to leave: 0
N. 1
Finish cut size: 0
Home position: X40, Z5
Calculate
Cancel
Change Post
Run Post
Show/Hide toolpaths
2.014
mm
X: -20.979 Y: 14.895
Set the cutting parameters and press the 'Calculate' button
Current layer: 0


SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Pan
Redraw
Top
Front
Side
Entry vector
Entry length:
1
Direction(degrees):
180
Ok
Define the length and direction of the Entry vector
Home position: X40, Z5
Calculate
Cancel
Change Post
Run Post
Show/Hide toolpaths
2.014
mm
X: -20.979 Y: 14.895
Set the cutting parameters and press the 'Calculate' button
Current layer: 0

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC

Line Endpoints | Rectangle | Circle Ct + Pt | Polyline | Spline | TrueType

Zoom In | Zoom back | Zoom window | Pan | Redraw | Top | Front | Side

Lathe Finish

Tools | Profiles | Parameters

Finish parameters:

Face toolpath

Lead in... (1 @ 180°)

Lead out... (0 @ 0°)

Add the Lead Out

Stock to leave: 0

N. 1

Finish cut size: 0

Home position: X40, Z5

Calculate | Cancel

Change Post | Run Post

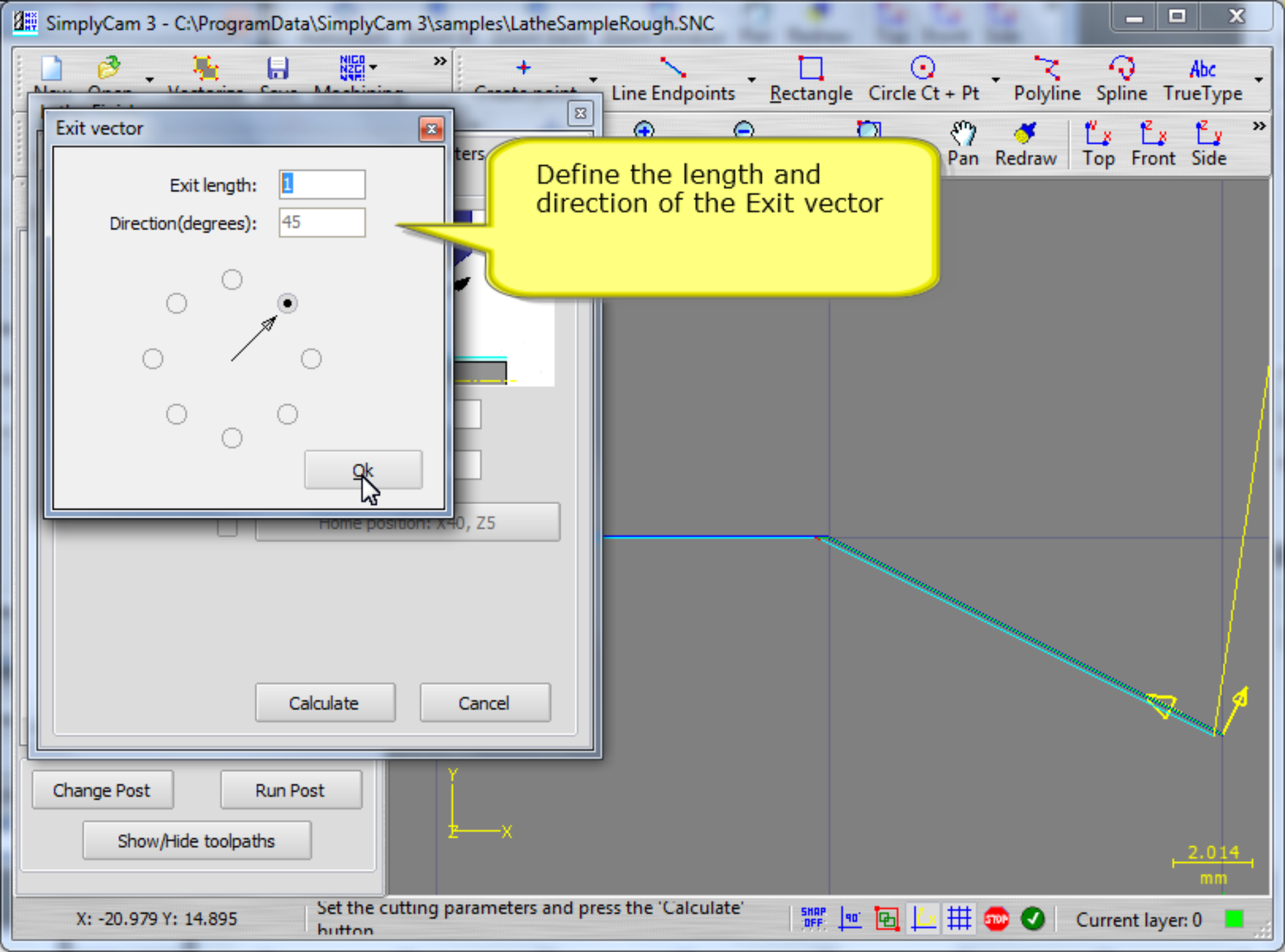
Show/Hide toolpaths

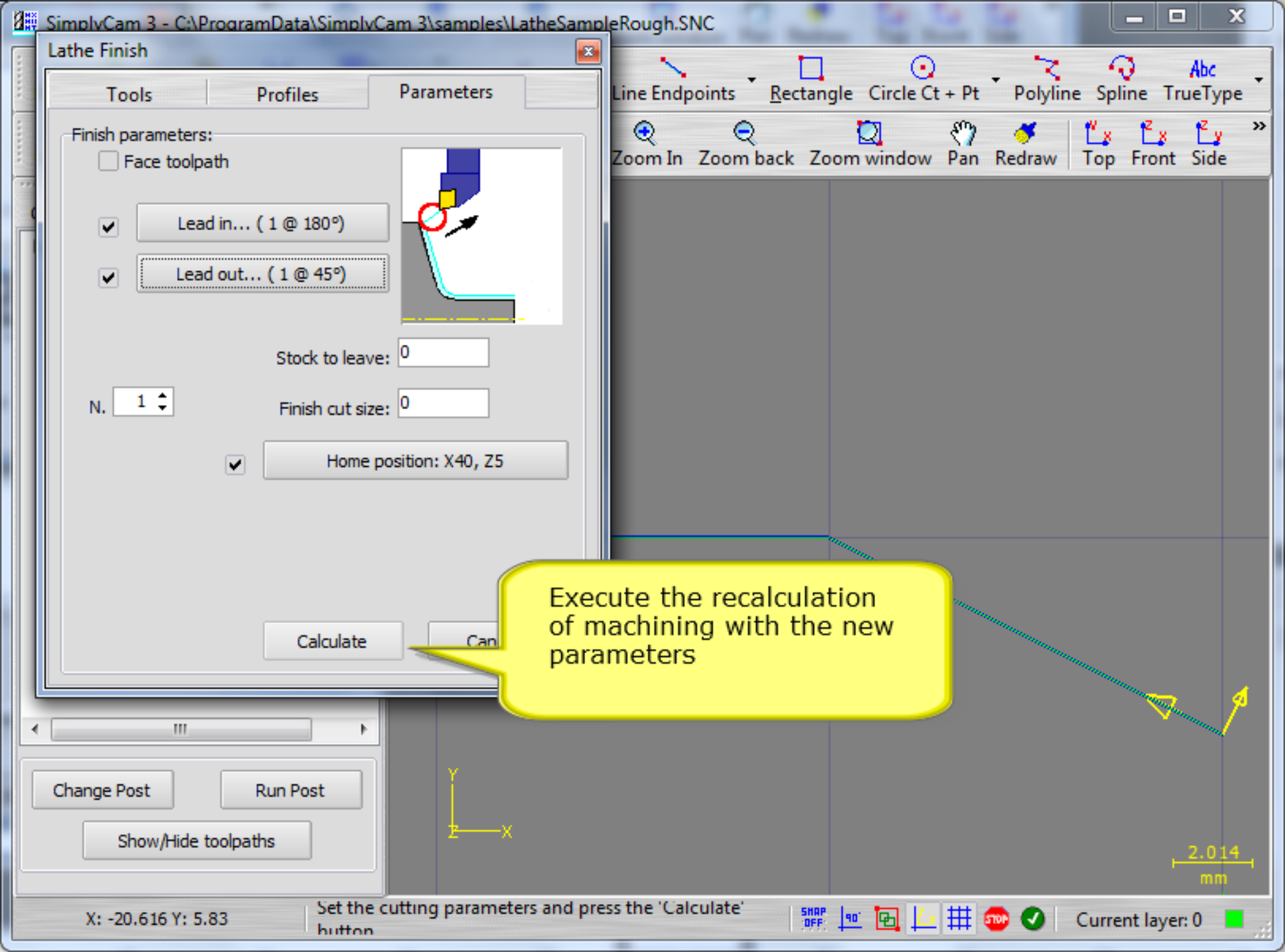
2.014 mm

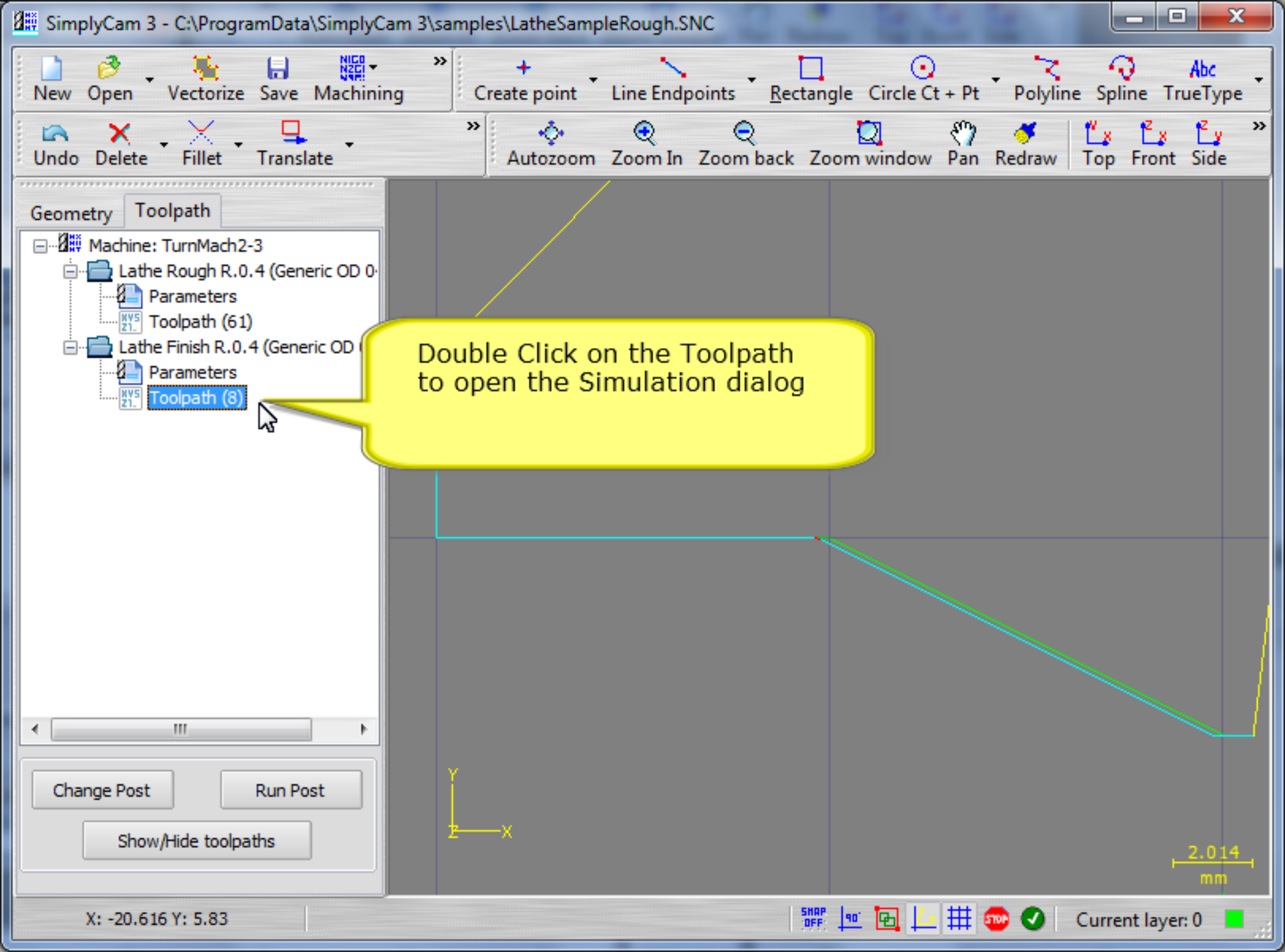
X: -20.979 Y: 14.895

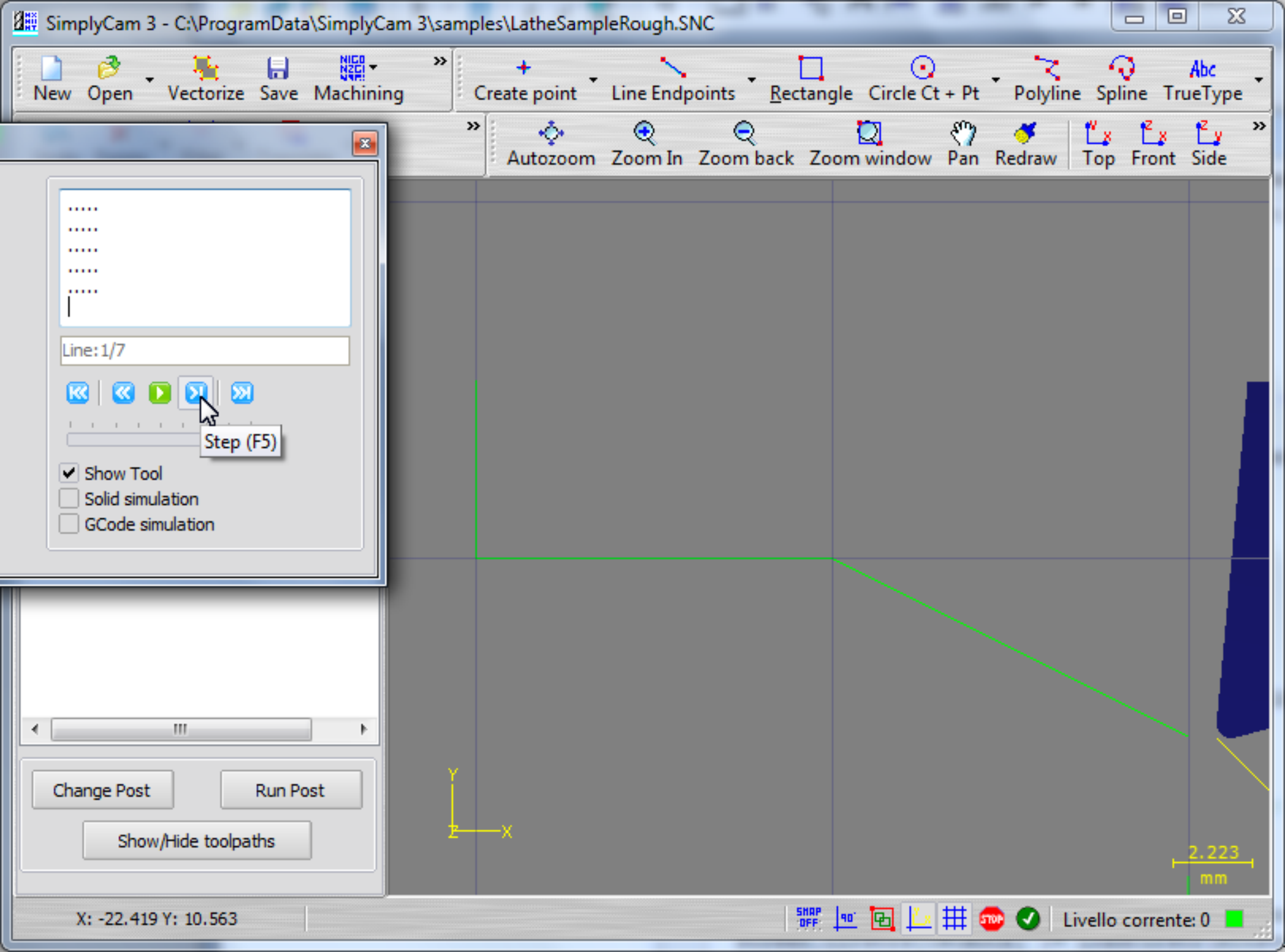
Set the cutting parameters and press the 'Calculate' button

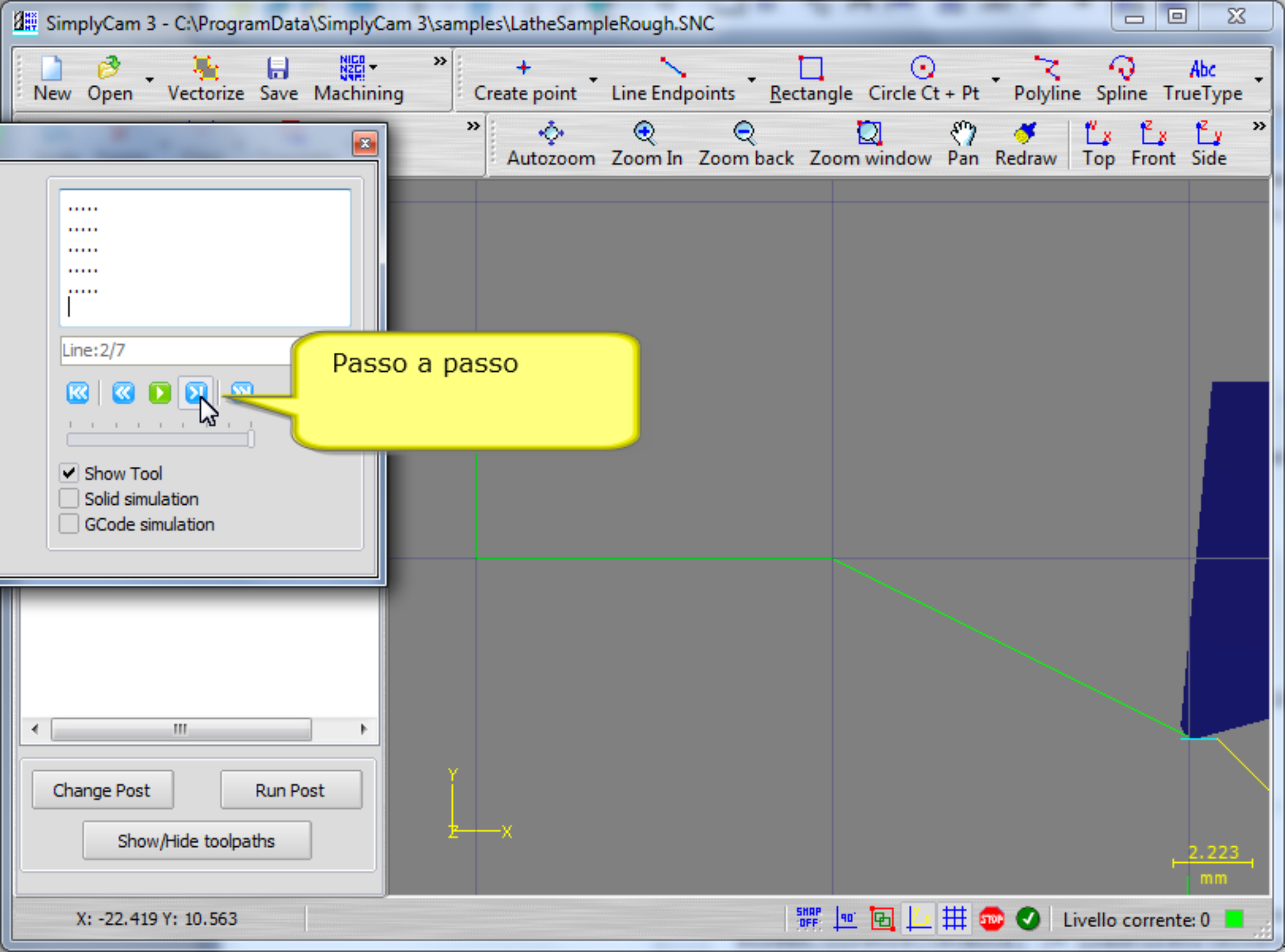
Current layer: 0

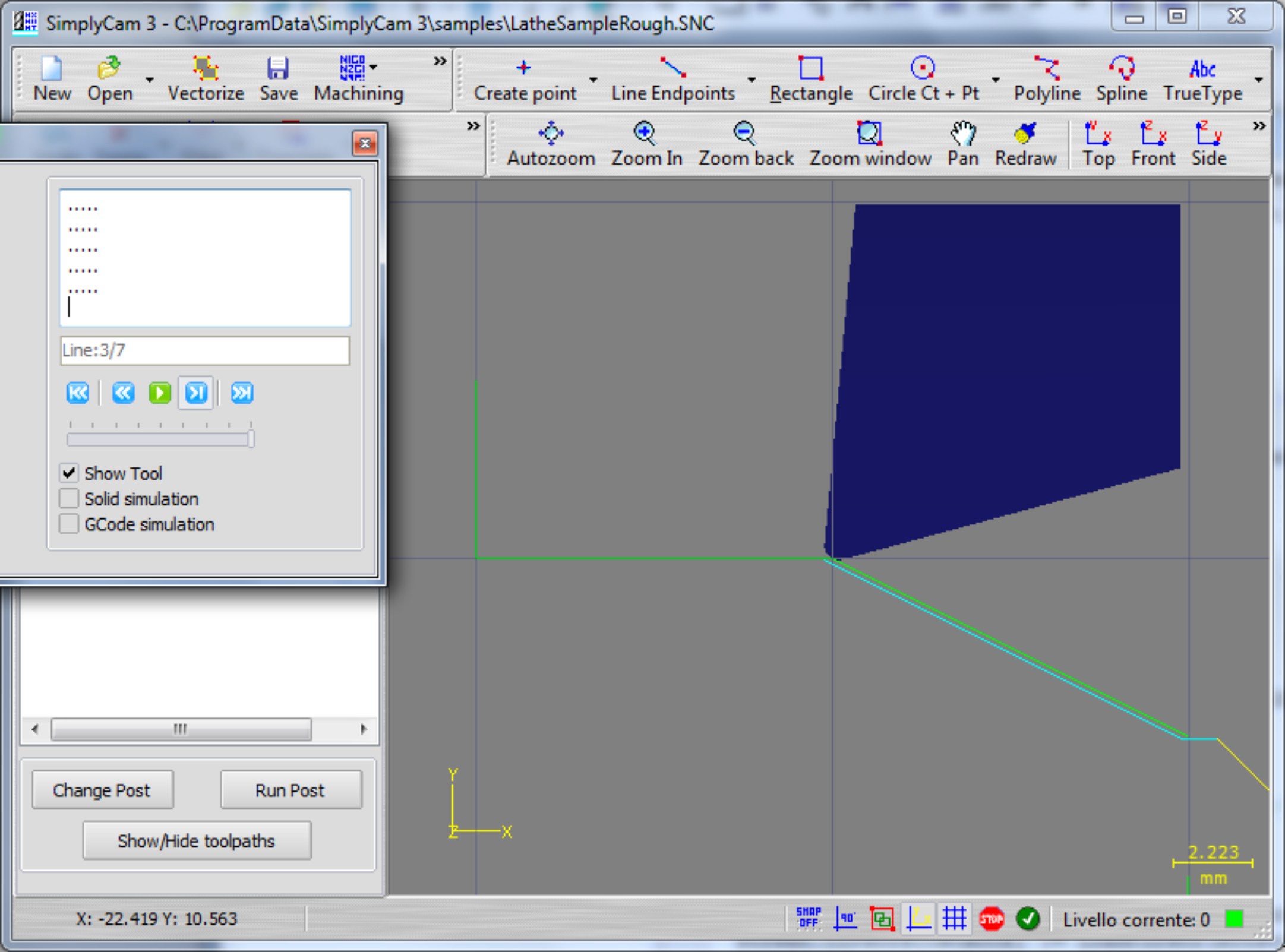

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Pan
Redraw
Top
Front
Side
Exit vector
Exit length:
1
Direction(degrees):
45
Ok
Define the length and direction of the Exit vector
Home position: X40, Z5
Calculate
Cancel
Change Post
Run Post
Show/Hide toolpaths
2.014
mm
X: -20.979 Y: 14.895
Set the cutting parameters and press the 'Calculate' button
Current layer: 0

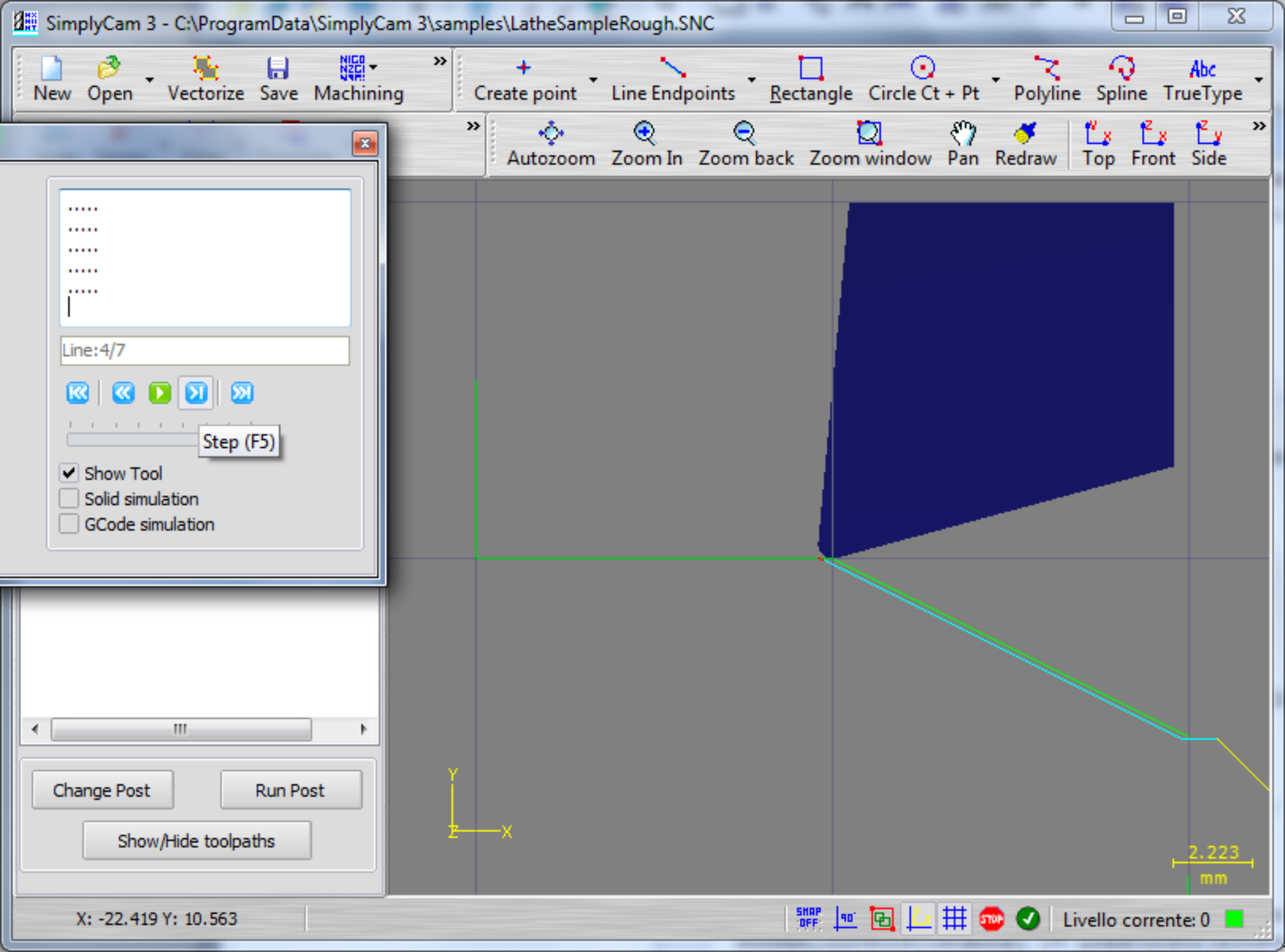

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
Lathe Finish
Tools
Profiles
Parameters
Finish parameters:
Face toolpath
Lead in... (1 @ 180°)
Lead out... (1 @ 45°)
Stock to leave:
0
N.
1
Finish cut size:
0
Home position: X40, Z5
Calculate
Execute the recalculation of machining with the new parameters
Change Post
Run Post
Show/Hide toolpaths
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
2.014
mm
X: -20.616 Y: 5.83
Set the cutting parameters and press the 'Calculate' button
Current layer: 0

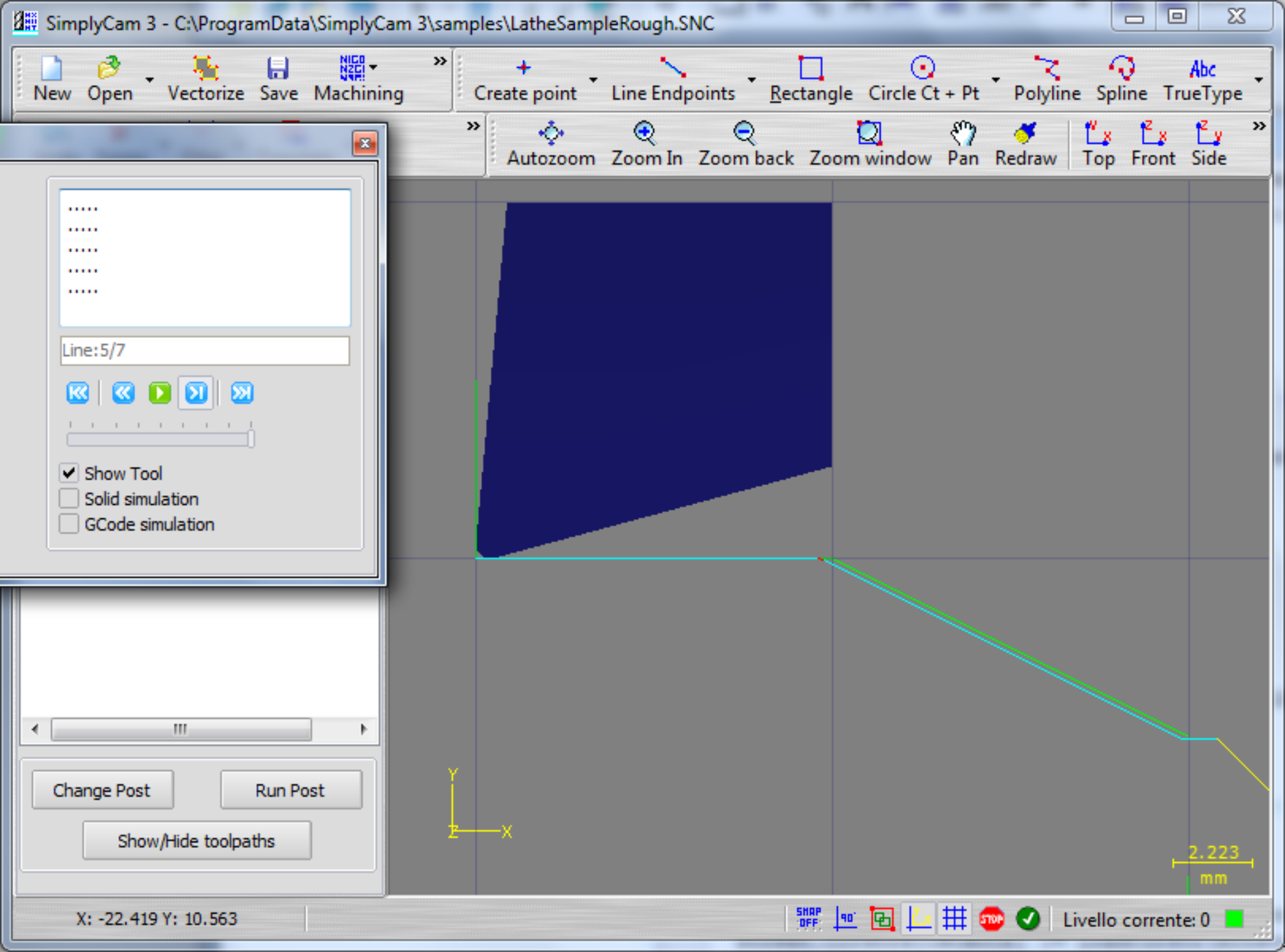

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Undo
Delete
Fillet
Translate
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Geometry
Toolpath
Machine: TurnMach2-3
Lathe Rough R.0.4 (Generic OD 0
Parameters
Toolpath (61)
Lathe Finish R.0.4 (Generic OD
Parameters
Toolpath (8)
Double Click on the Toolpath
to open the Simulation dialog
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
2.014
mm
X: -20.616 Y: 5.83
Current layer: 0

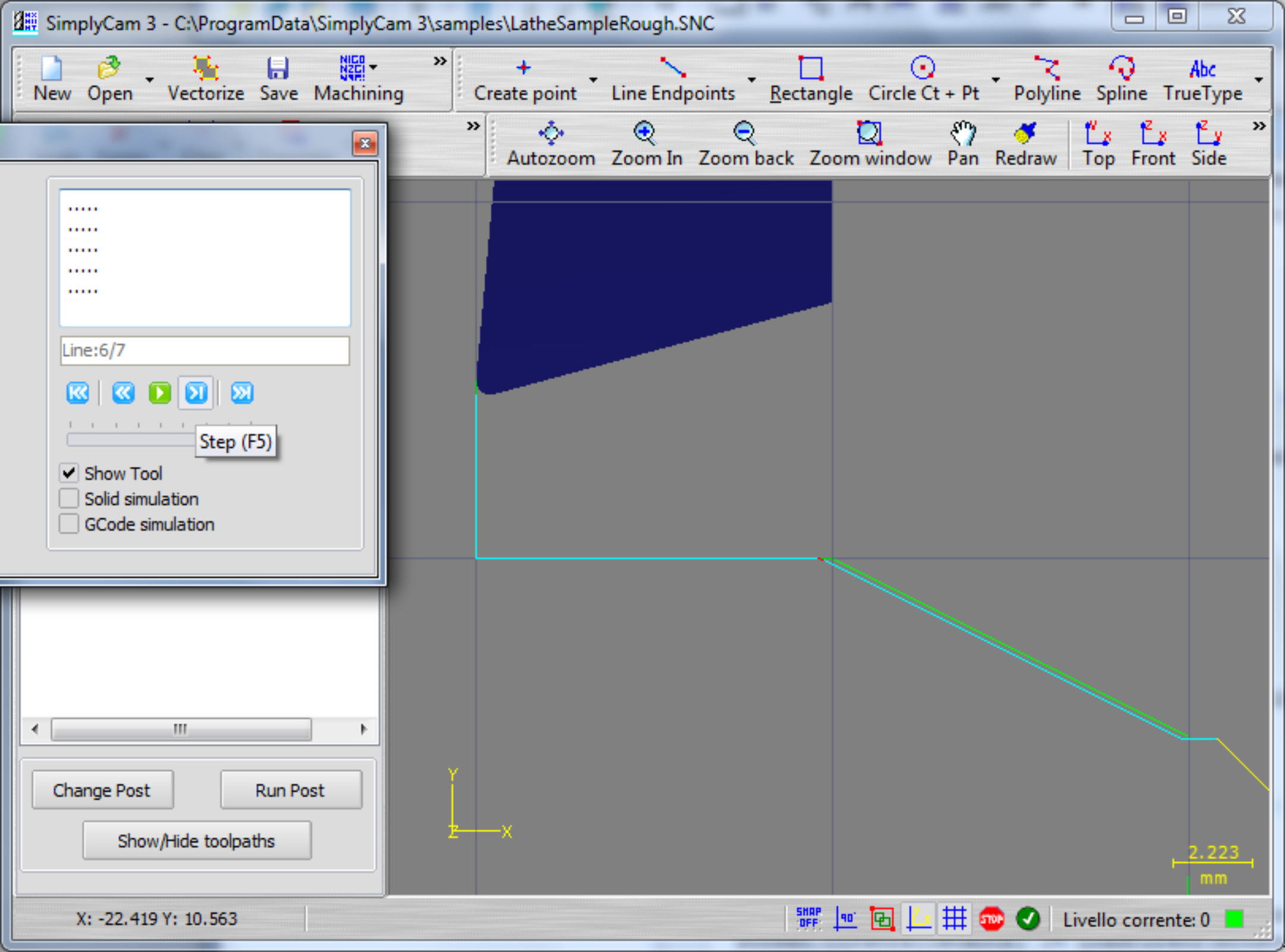

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Line: 1/7
Step (F5)
Show Tool
Solid simulation
GCode simulation
Change Post
Run Post
Show/Hide toolpaths
2.223
mm
X: -22.419 Y: 10.563
Livello corrente: 0

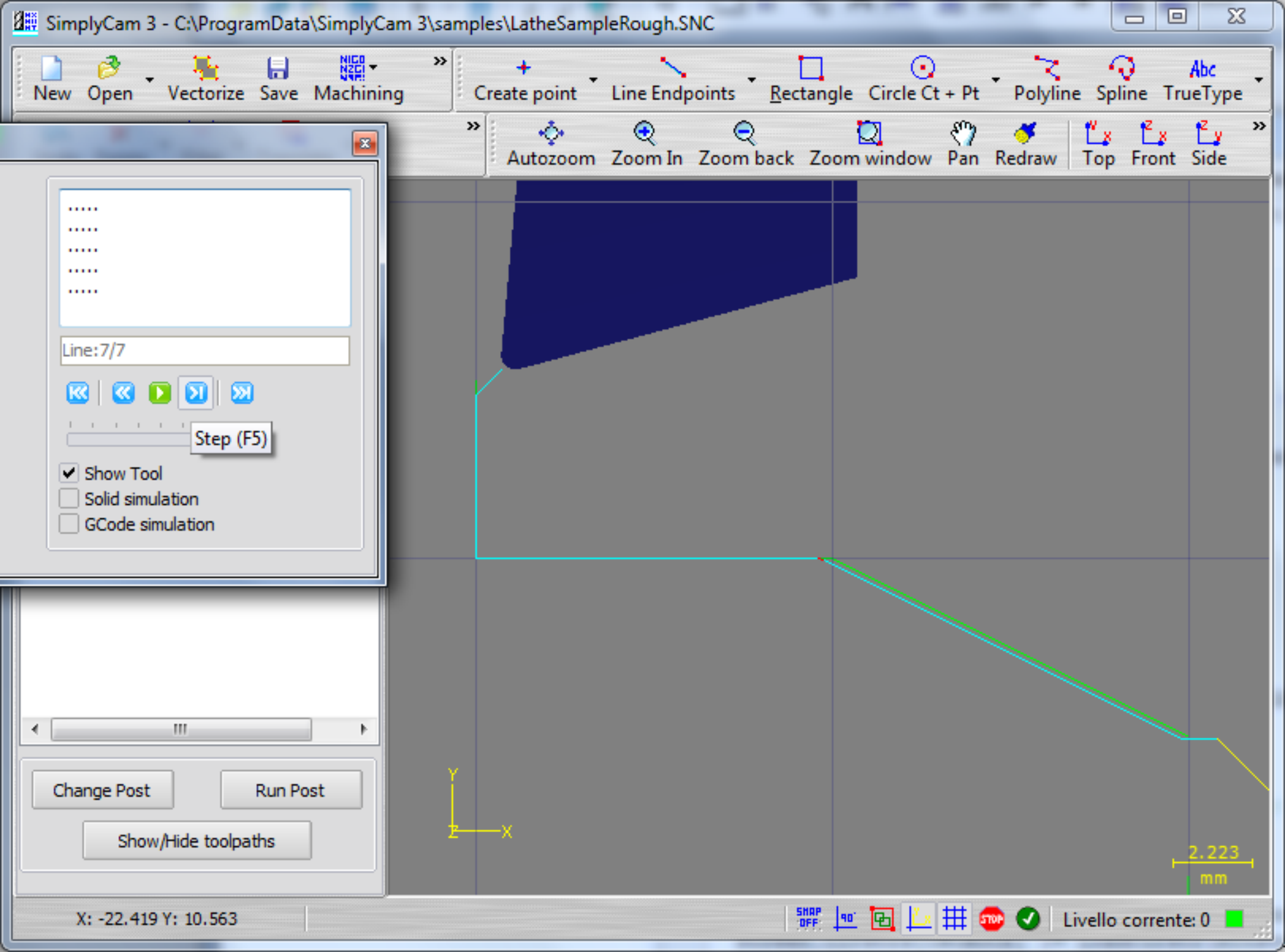

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Line:2/7
Passo a passo
Show Tool
Solid simulation
GCode simulation
Change Post
Run Post
Show/Hide toolpaths
2.223
mm
X: -22.419 Y: 10.563
Livello corrente: 0

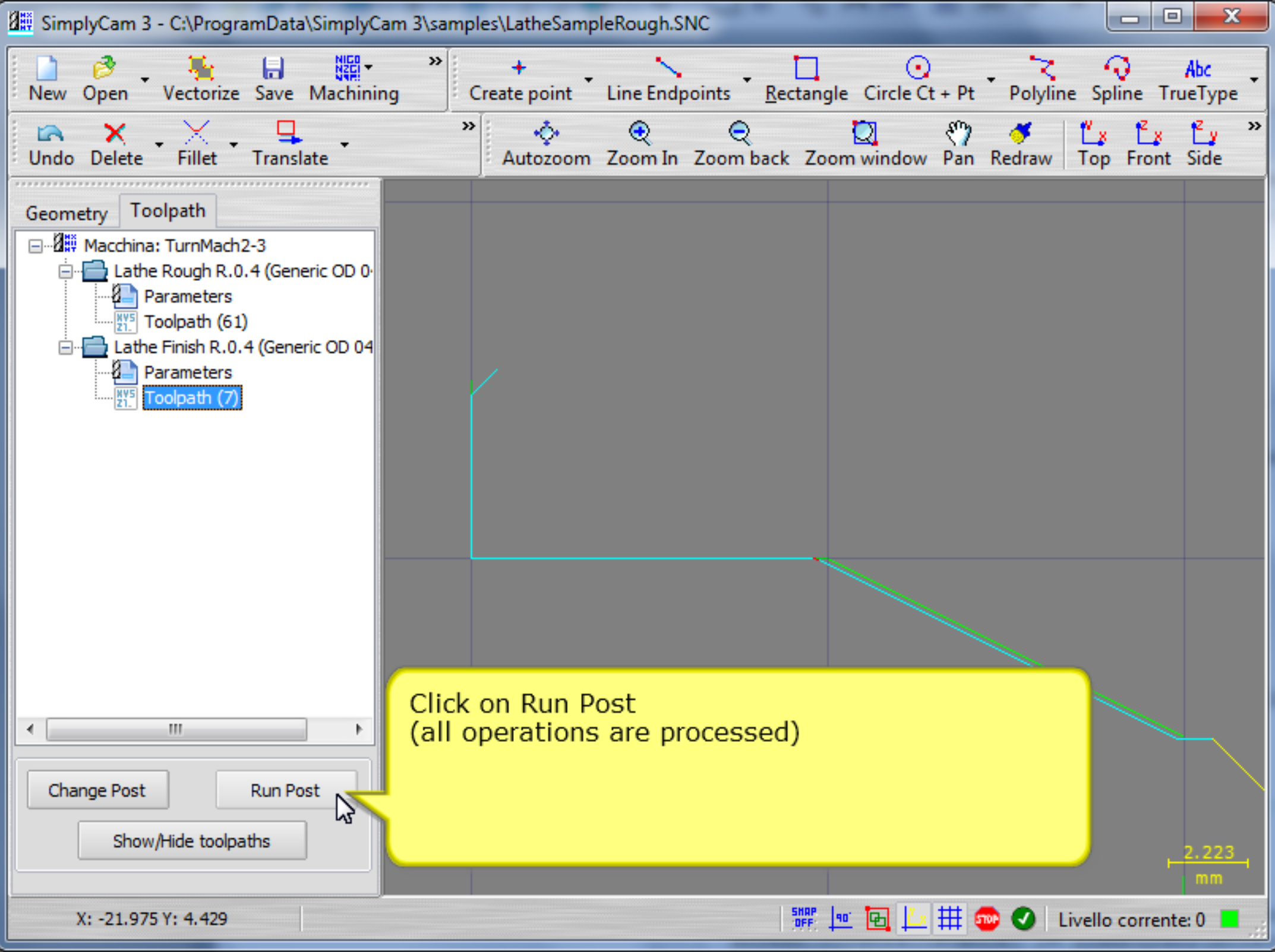

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Line:3/7
Show Tool
Solid simulation
GCode simulation
Change Post
Run Post
Show/Hide toolpaths
2.223
mm
X: -22.419 Y: 10.563
Livello corrente: 0

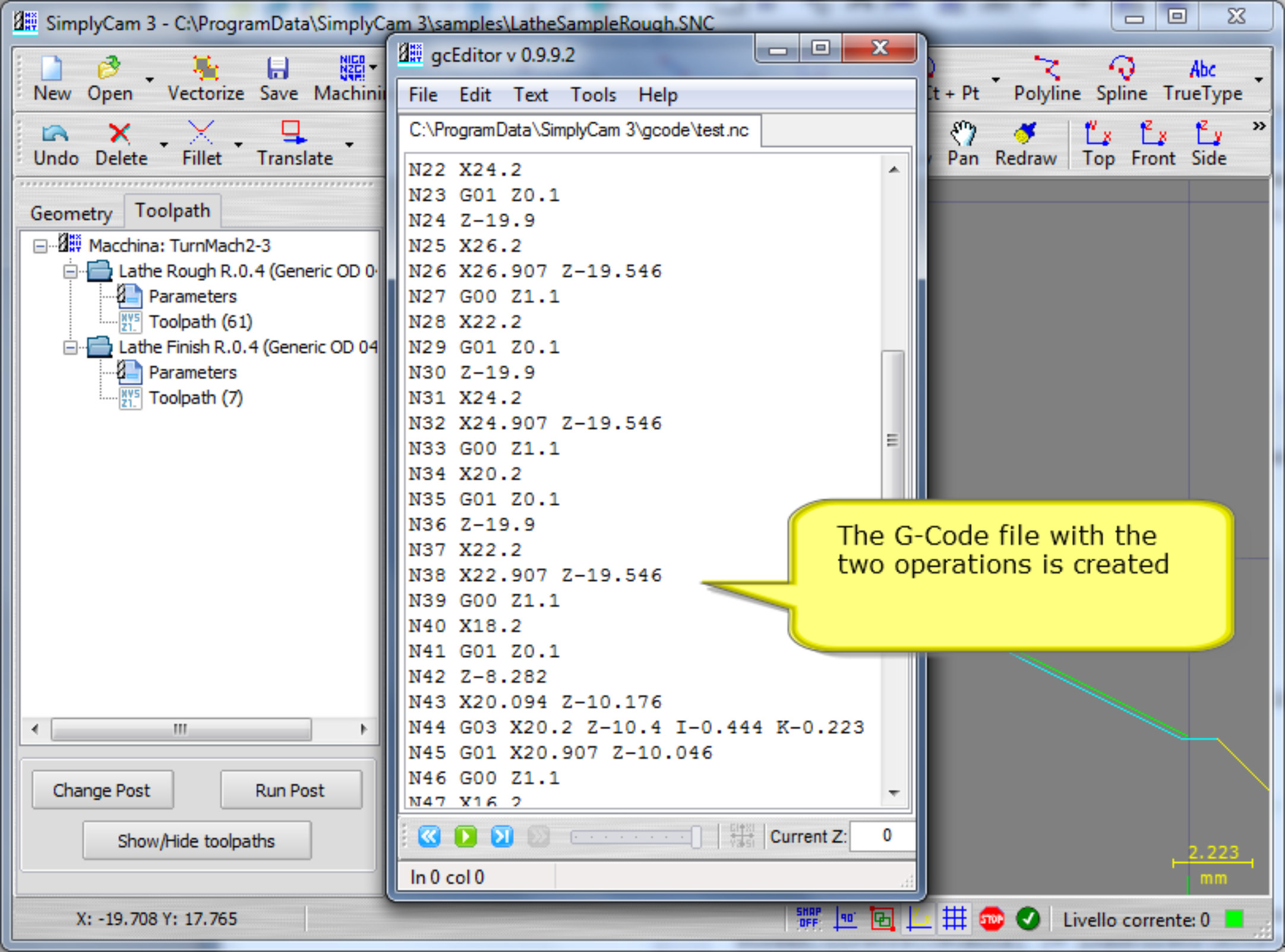

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Line:4/7
Step (F5)
Show Tool
Solid simulation
GCode simulation
Change Post
Run Post
Show/Hide toolpaths
Y
X
2.223
mm
X: -22.419 Y: 10.563
Livello corrente: 0

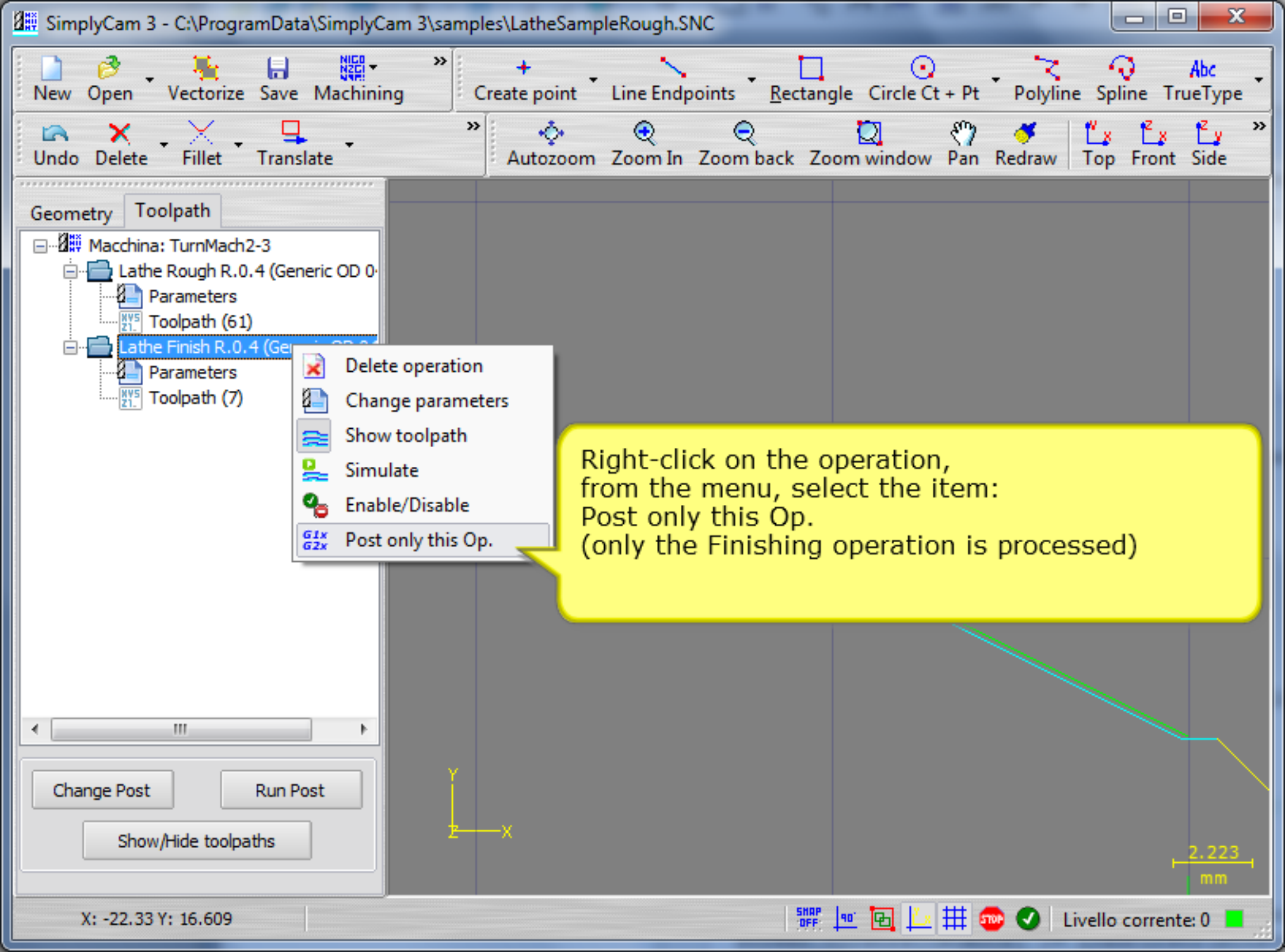

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Line:5/7
Show Tool
Solid simulation
GCode simulation
Change Post
Run Post
Show/Hide toolpaths
2.223
mm
X: -22.419 Y: 10.563
Livello corrente: 0

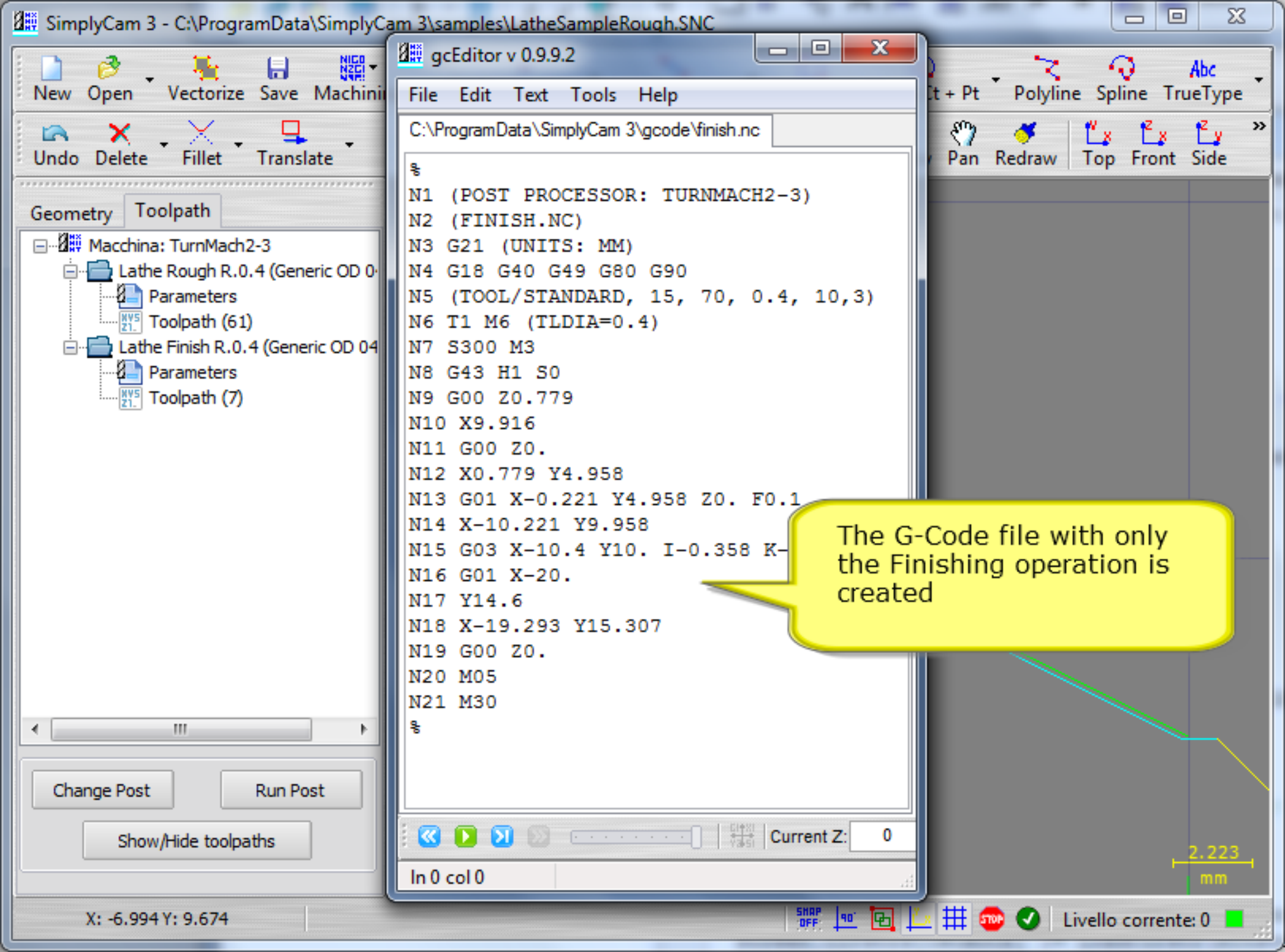

SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Line:6/7
Step (F5)
Show Tool
Solid simulation
GCode simulation
Change Post
Run Post
Show/Hide toolpaths
2.223
mm
X: -22.419 Y: 10.563
Livello corrente: 0


SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Line:7/7
Step (F5)
Show Tool
Solid simulation
GCode simulation
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
2.223
mm
X: -22.419 Y: 10.563
Livello corrente: 0


SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Undo
Delete
Fillet
Translate
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Geometry
Toolpath
Macchina: TurnMach2-3
Lathe Rough R.0.4 (Generic OD 0
Parameters
Toolpath (61)
Lathe Finish R.0.4 (Generic OD 04
Parameters
Toolpath (7)
Change Post
Run Post
Show/Hide toolpaths
Click on Run Post
(all operations are processed)
2.223
mm
X: -21.975 Y: 4.429
Livello corrente: 0


SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Undo
Delete
Fillet
Translate
Polyline
Spline
TrueType
Pan
Redraw
Top
Front
Side
Geometry
Toolpath
Macchina: TurnMach2-3
Lathe Rough R.0.4 (Generic OD 0
Parameters
Toolpath (61)
Lathe Finish R.0.4 (Generic OD 04
Parameters
Toolpath (7)
Change Post
Run Post
Show/Hide toolpaths
gcEditor v 0.9.9.2
File
Edit
Text
Tools
Help
C:\ProgramData\SimplyCam 3\gcode\test.nc
N22 X24.2
N23 G01 Z0.1
N24 Z-19.9
N25 X26.2
N26 X26.907 Z-19.546
N27 G00 Z1.1
N28 X22.2
N29 G01 Z0.1
N30 Z-19.9
N31 X24.2
N32 X24.907 Z-19.546
N33 G00 Z1.1
N34 X20.2
N35 G01 Z0.1
N36 Z-19.9
N37 X22.2
N38 X22.907 Z-19.546
N39 G00 Z1.1
N40 X18.2
N41 G01 Z0.1
N42 Z-8.282
N43 X20.094 Z-10.176
N44 G03 X20.2 Z-10.4 I-0.444 K-0.223
N45 G01 X20.907 Z-10.046
N46 G00 Z1.1
Current Z:
0
ln 0 col 0
The G-Code file with the two operations is created
2.223
mm
X: -19.708 Y: 17.765
Livello corrente: 0


SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
TrueType
Undo
Delete
Fillet
Translate
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Geometry
Toolpath
Macchina: TurnMach2-3
Lathe Rough R.0.4 (Generic OD 0
Parameters
Toolpath (61)
Lathe Finish R.0.4 (Ge
Parameters
Toolpath (7)
Delete operation
Change parameters
Show toolpath
Simulate
Enable/Disable
Post only this Op.
Right-click on the operation,
from the menu, select the item:
Post only this Op.
(only the Finishing operation is processed)
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
2.223
mm
X: -22.33 Y: 16.609
SNAP OFF
Livello corrente: 0


SimplyCam 3 - C:\ProgramData\SimplyCam 3\samples\LatheSampleRough.SNC
New
Open
Vectorize
Save
Undo
Delete
Fillet
Translate
Polyline
Spline
TrueType
Pan
Redraw
Top
Front
Side
Geometry
Toolpath
Macchina: TurnMach2-3
Lathe Rough R.0.4 (Generic OD 0
Parameters
Toolpath (61)
Lathe Finish R.0.4 (Generic OD 04
Parameters
Toolpath (7)
Change Post
Run Post
Show/Hide toolpaths
gcEditor v 0.9.9.2
File Edit Text Tools Help
C:\ProgramData\SimplyCam 3\gcode\finish.nc
%
N1 (POST PROCESSOR: TURNMACH2-3)
N2 (FINISH.NC)
N3 G21 (UNITS: MM)
N4 G18 G40 G49 G80 G90
N5 (TOOL/STANDARD, 15, 70, 0.4, 10,3)
N6 T1 M6 (TLDIA=0.4)
N7 S300 M3
N8 G43 H1 S0
N9 G00 Z0.779
N10 X9.916
N11 G00 Z0.
N12 X0.779 Y4.958
N13 G01 X-0.221 Y4.958 Z0. F0.1
N14 X-10.221 Y9.958
N15 G03 X-10.4 Y10. I-0.358 K-
N16 G01 X-20.
N17 Y14.6
N18 X-19.293 Y15.307
N19 G00 Z0.
N20 M05
N21 M30
%
Current Z:
0
ln 0 col 0
The G-Code file with only the Finishing operation is created
2.223
mm
X: -6.994 Y: 9.674
Livello corrente: 0