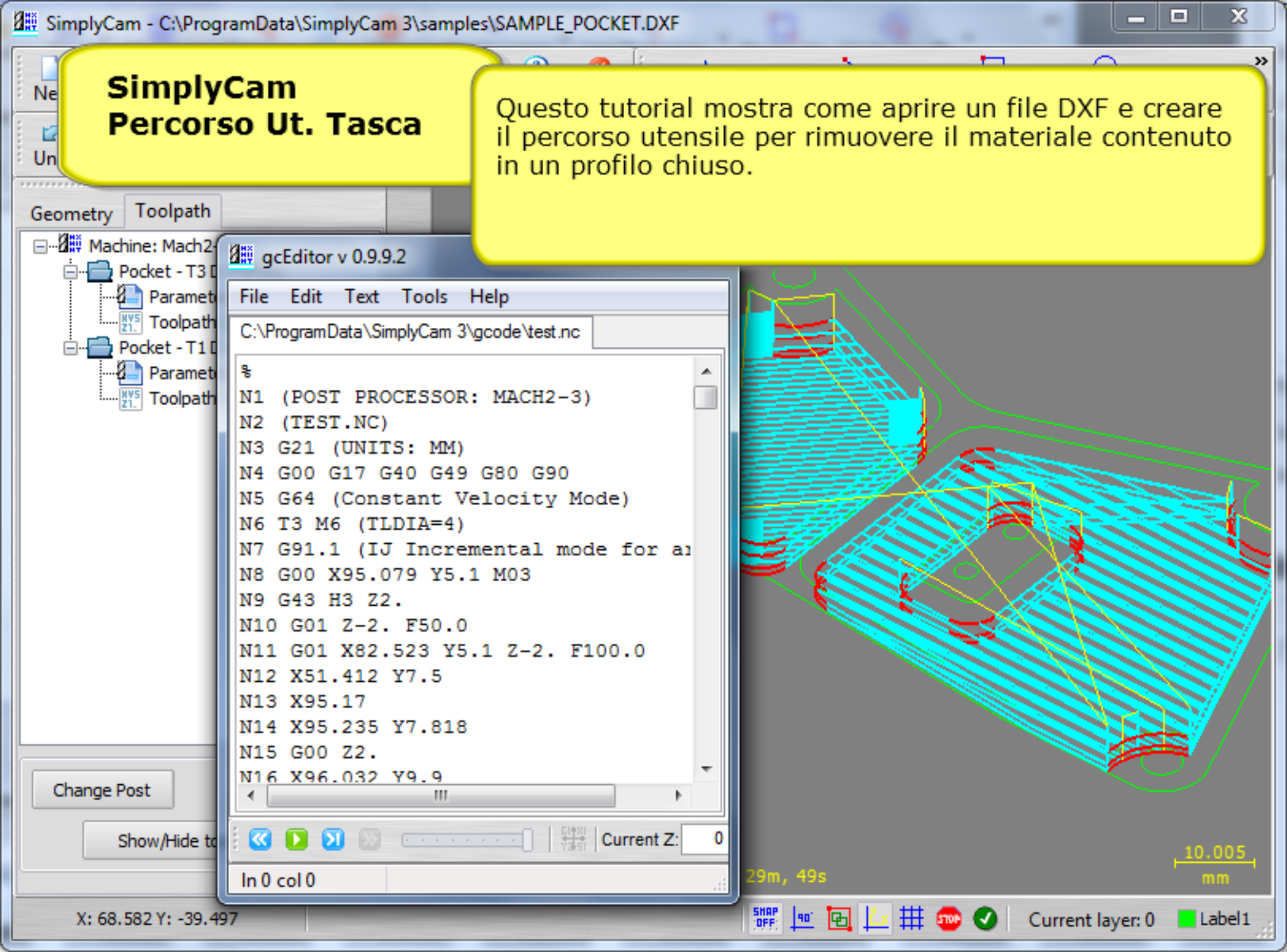
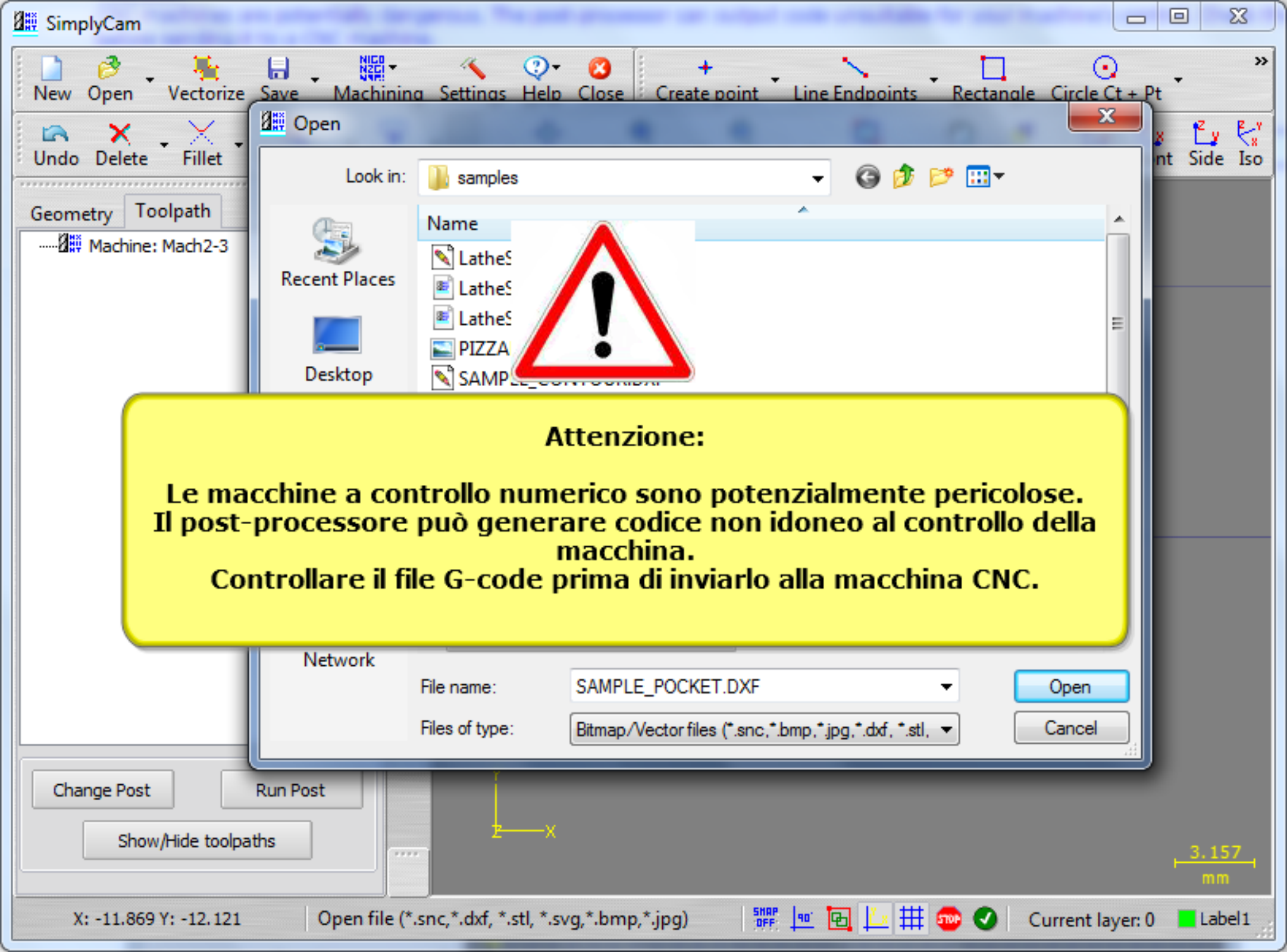
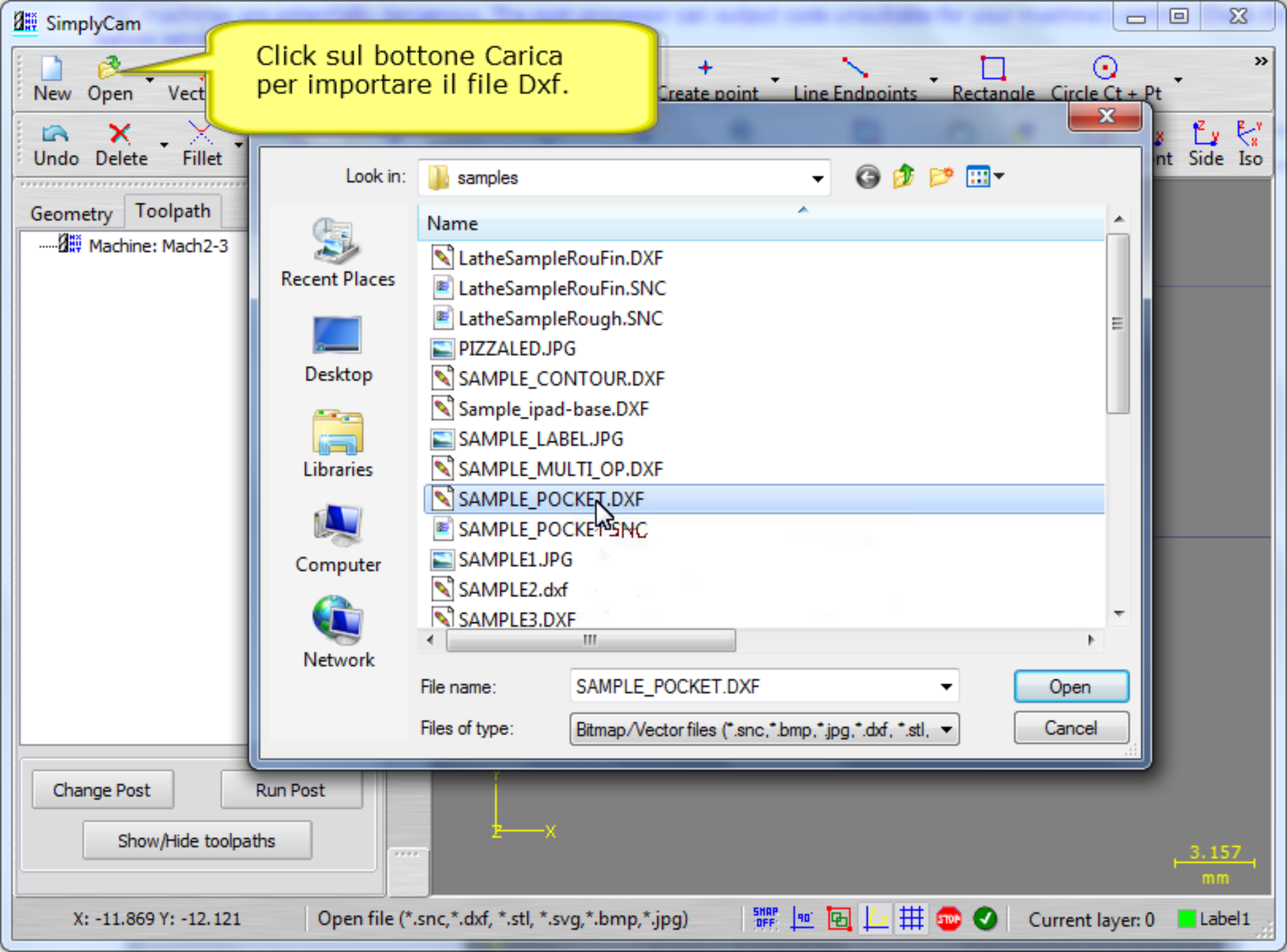
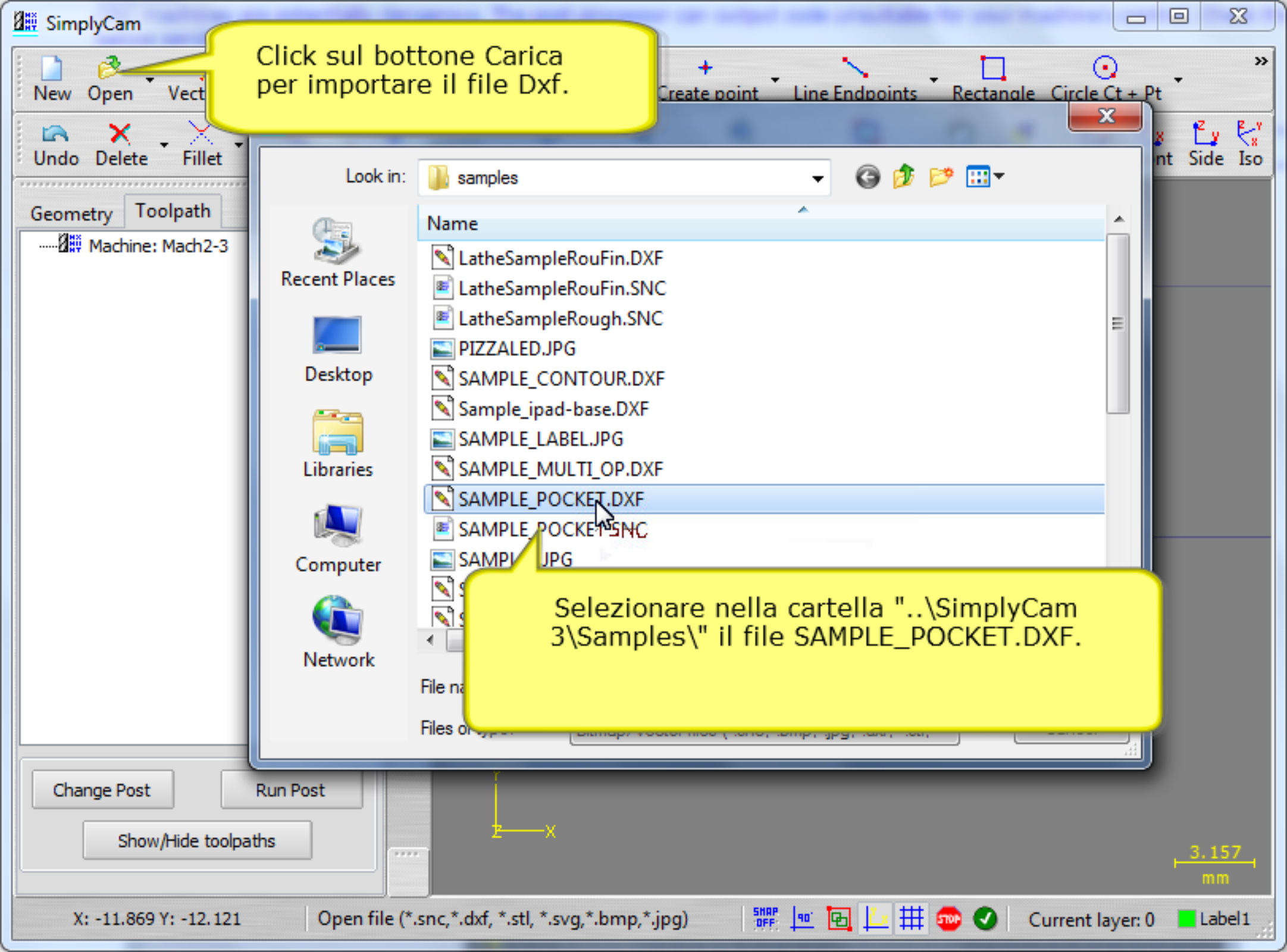
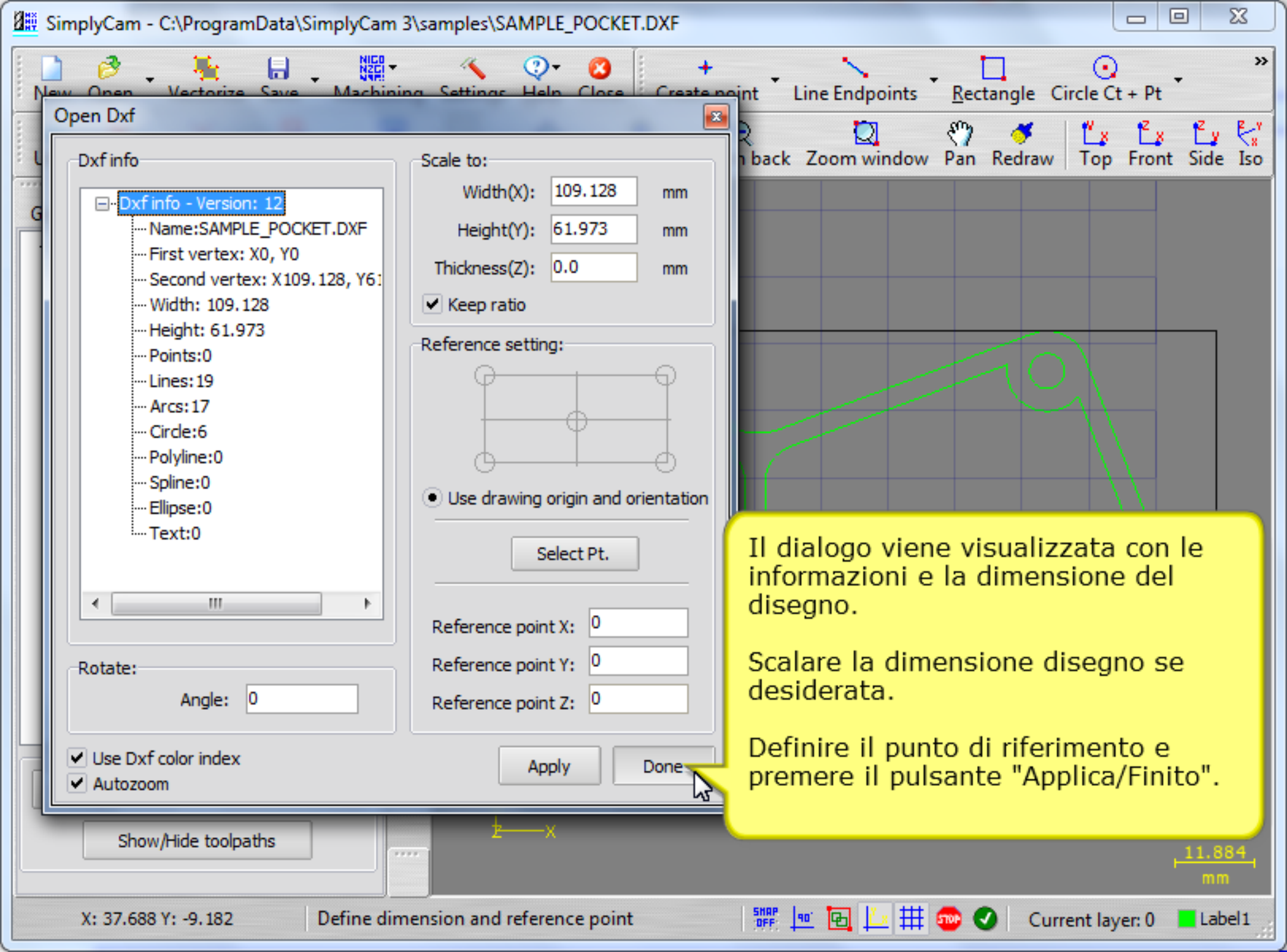
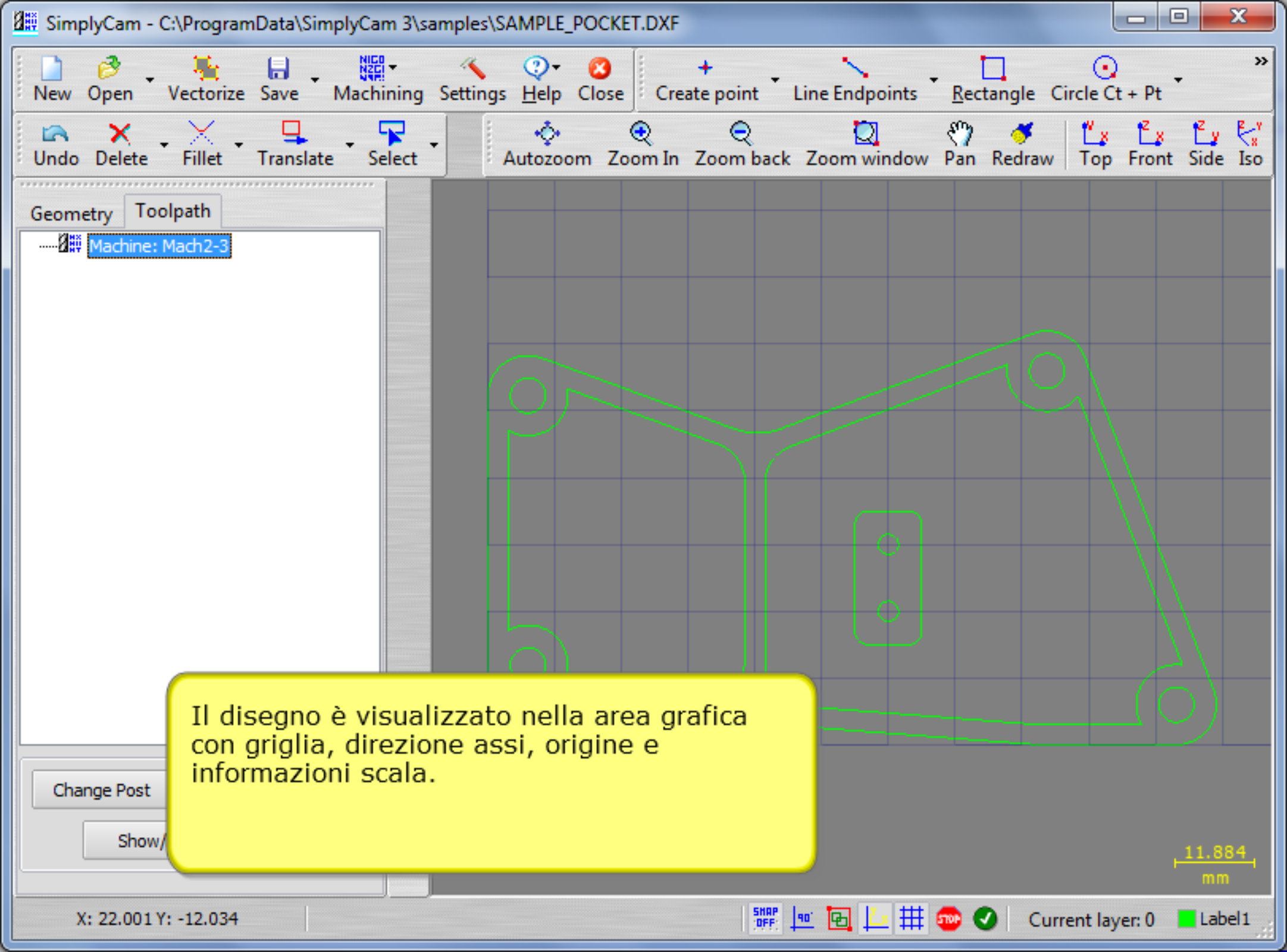

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
SimplyCam
Percorso Ut. Tasca
Questo tutorial mostra come aprire un file DXF e creare il percorso utensile per rimuovere il materiale contenuto in un profilo chiuso.
Geometry
Toolpath
Machine: Mach2
Pocket - T3
Pocket - T1
Change Post
gcEditor v 0.9.9.2
File Edit Text Tools Help
C:\ProgramData\SimplyCam 3\gcode\test.nc
%
N1 (POST PROCESSOR: MACH2-3)
N2 (TEST.NC)
N3 G21 (UNITS: MM)
N4 G00 G17 G40 G49 G80 G90
N5 G64 (Constant Velocity Mode)
N6 T3 M6 (TLDIA=4)
N7 G91.1 (IJ Incremental mode for a
N8 G00 X95.079 Y5.1 M03
N9 G43 H3 Z2.
N10 G01 Z-2. F50.0
N11 G01 X82.523 Y5.1 Z-2. F100.0
N12 X51.412 Y7.5
N13 X95.17
N14 X95.235 Y7.818
N15 G00 Z2.
N16 X96.032 Y9.9
Current Z: 0
In 0 col 0
10.005
mm
29m, 49s
X: 68.582 Y: -39.497
Current layer: 0
Label1

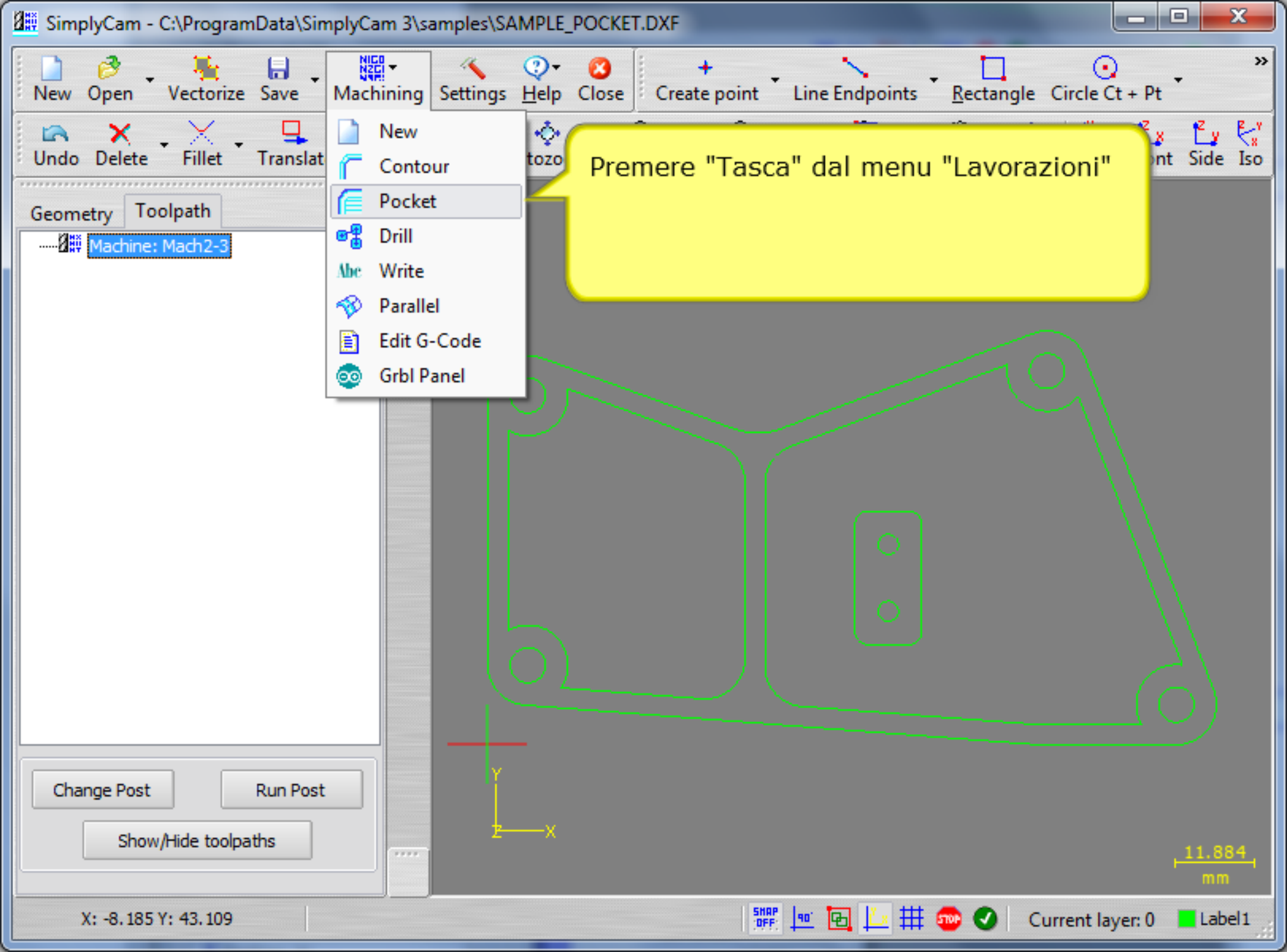

SimplyCam
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Fillet
Side
Iso
Geometry
Toolpath
Machine: Mach2-3
Open
Look in:
samples
Name
Recent Places
Desktop
Network
PIZZA
Attenzione:
Le macchine a controllo numerico sono potenzialmente pericolose.
Il post-processore può generare codice non idoneo al controllo della macchina.
Controllare il file G-code prima di inviarlo alla macchina CNC.
File name:
SAMPLE_POCKET.DXF
Files of type:
Bitmap/Vector files (*.snc,*.bmp,*.jpg,*.dxf, *.stl,
Open
Cancel
Change Post
Run Post
Show/Hide toolpaths
3.157
mm
X: -11.869 Y: -12.121
Open file (*.snc,*.dxf, *.stl, *.svg,*.bmp,*.jpg)
Current layer: 0
Label1

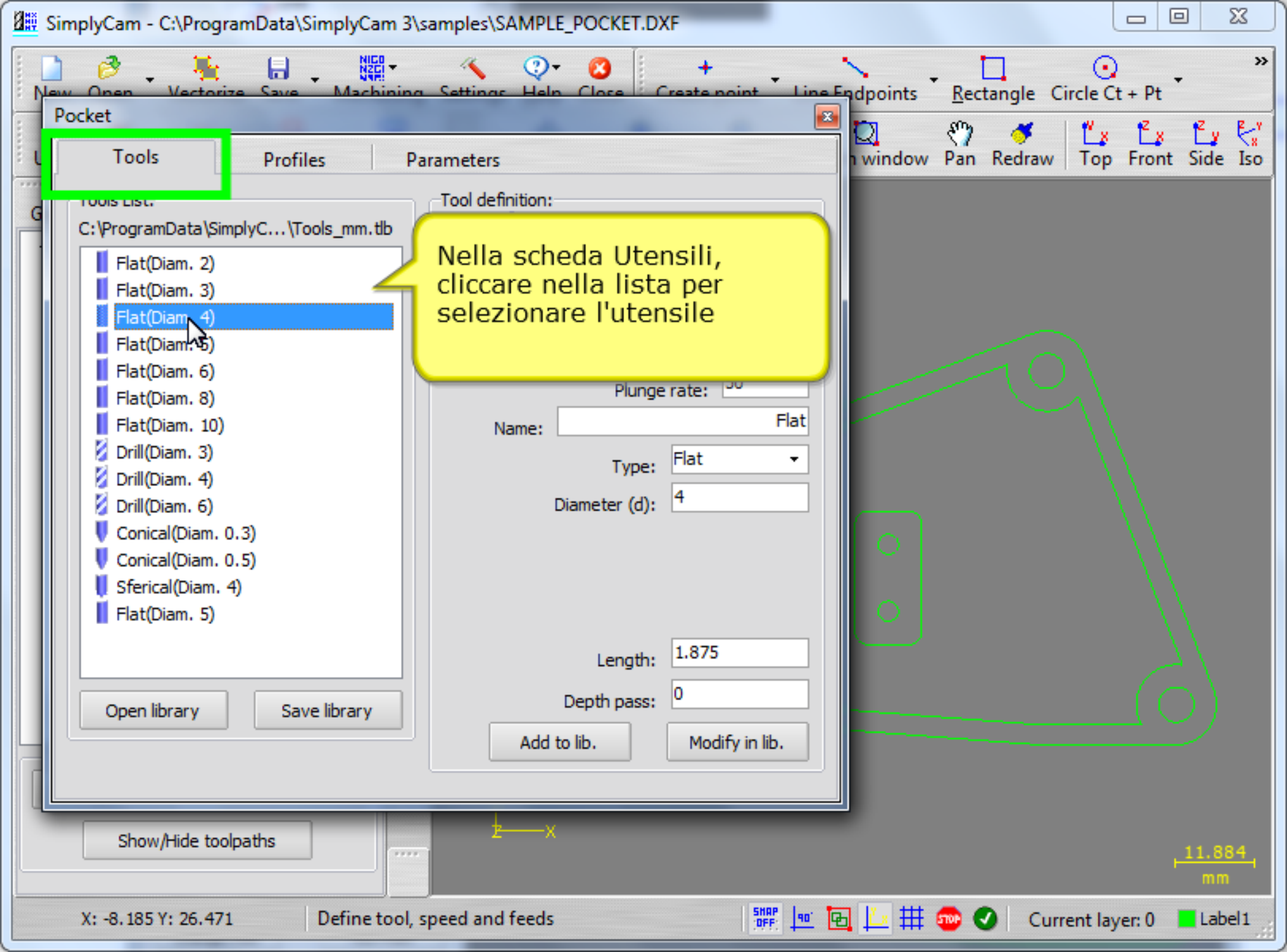

SimplyCam
Click sul bottone Carica per importare il file Dxf.
New
Open
Undo
Delete
Fillet
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Side
Iso
Geometry
Toolpath
Machine: Mach2-3
Look in:
samples
Recent Places
Desktop
Libraries
Computer
Network
Name
LatheSampleRouFin.DXF
LatheSampleRouFin.SNC
LatheSampleRough.SNC
PIZZALED.JPG
SAMPLE_CONTOUR.DXF
Sample_ipad-base.DXF
SAMPLE_LABEL.JPG
SAMPLE_MULTI_OP.DXF
SAMPLE_POCKET.DXF
SAMPLE_POCKET.SNC
SAMPLE1.JPG
SAMPLE2.dxf
SAMPLE3.DXF
File name:
SAMPLE_POCKET.DXF
Files of type:
Bitmap/Vector files (*.snc,*.bmp,*.jpg,*.dxf, *.stl,
Open
Cancel
Change Post
Run Post
Show/Hide toolpaths
3.157
mm
X: -11.869 Y: -12.121
Open file (*.snc,*.dxf, *.stl, *.svg,*.bmp,*.jpg)
Current layer: 0
Label1

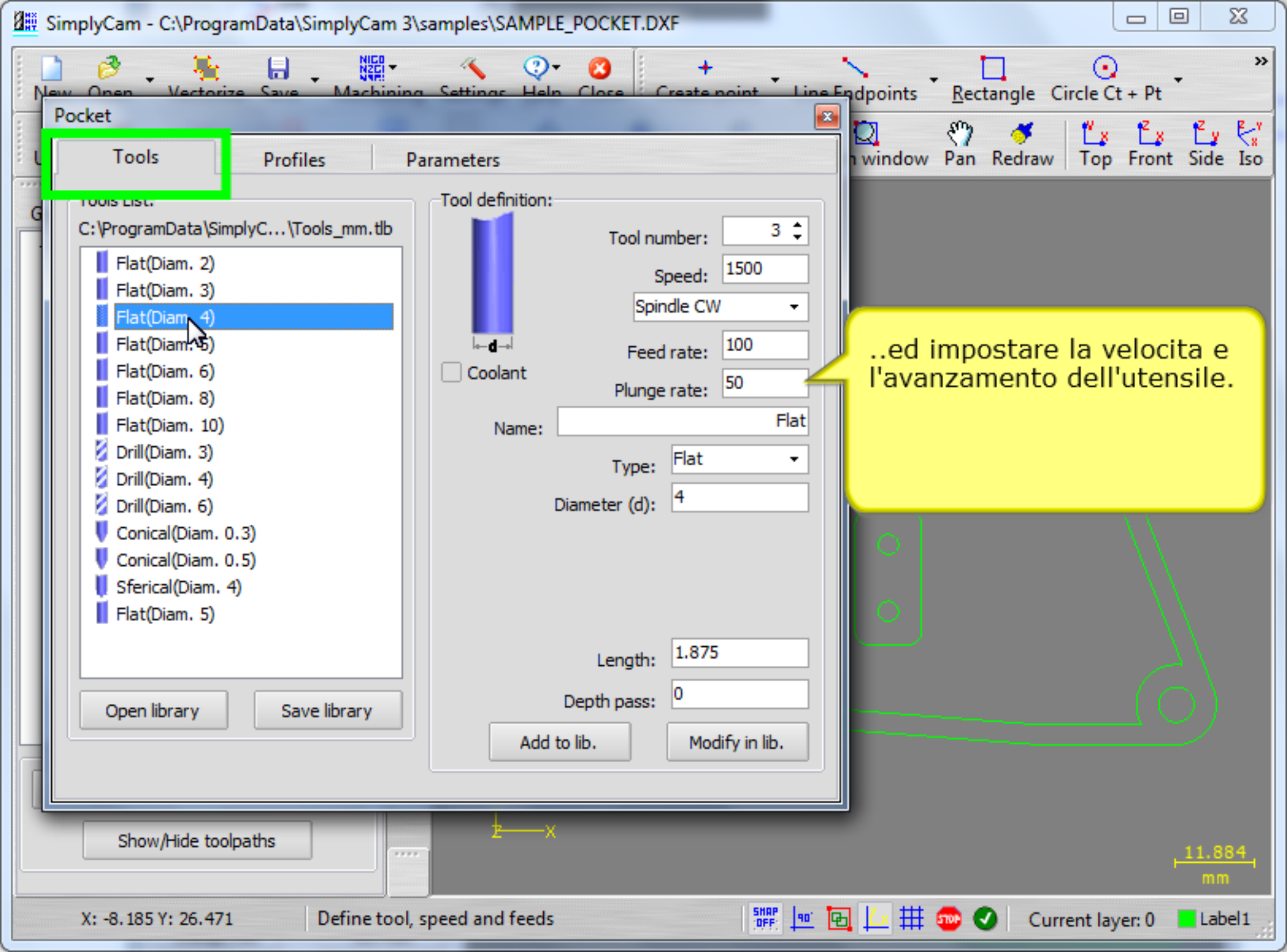

SimplyCam
Click sul bottone Carica per importare il file Dxf.
New
Open
Undo
Delete
Fillet
Geometry
Toolpath
Machine: Mach2-3
Change Post
Run Post
Show/Hide toolpaths
Look in:
samples
Recent Places
Desktop
Libraries
Computer
Network
Name
LatheSampleRouFin.DXF
LatheSampleRouFin.SNC
LatheSampleRough.SNC
PIZZALED.JPG
SAMPLE_CONTOUR.DXF
Sample_ipad-base.DXF
SAMPLE_LABEL.JPG
SAMPLE_MULTI_OP.DXF
SAMPLE_POCKET.DXF
Selezionare nella cartella "..\SimplyCam 3\Samples\" il file SAMPLE_POCKET.DXF.
3.157
mm
X: -11.869 Y: -12.121
Open file (*.snc,*.dxf, *.stl, *.svg,*.bmp,*.jpg)
Current layer: 0
Label1

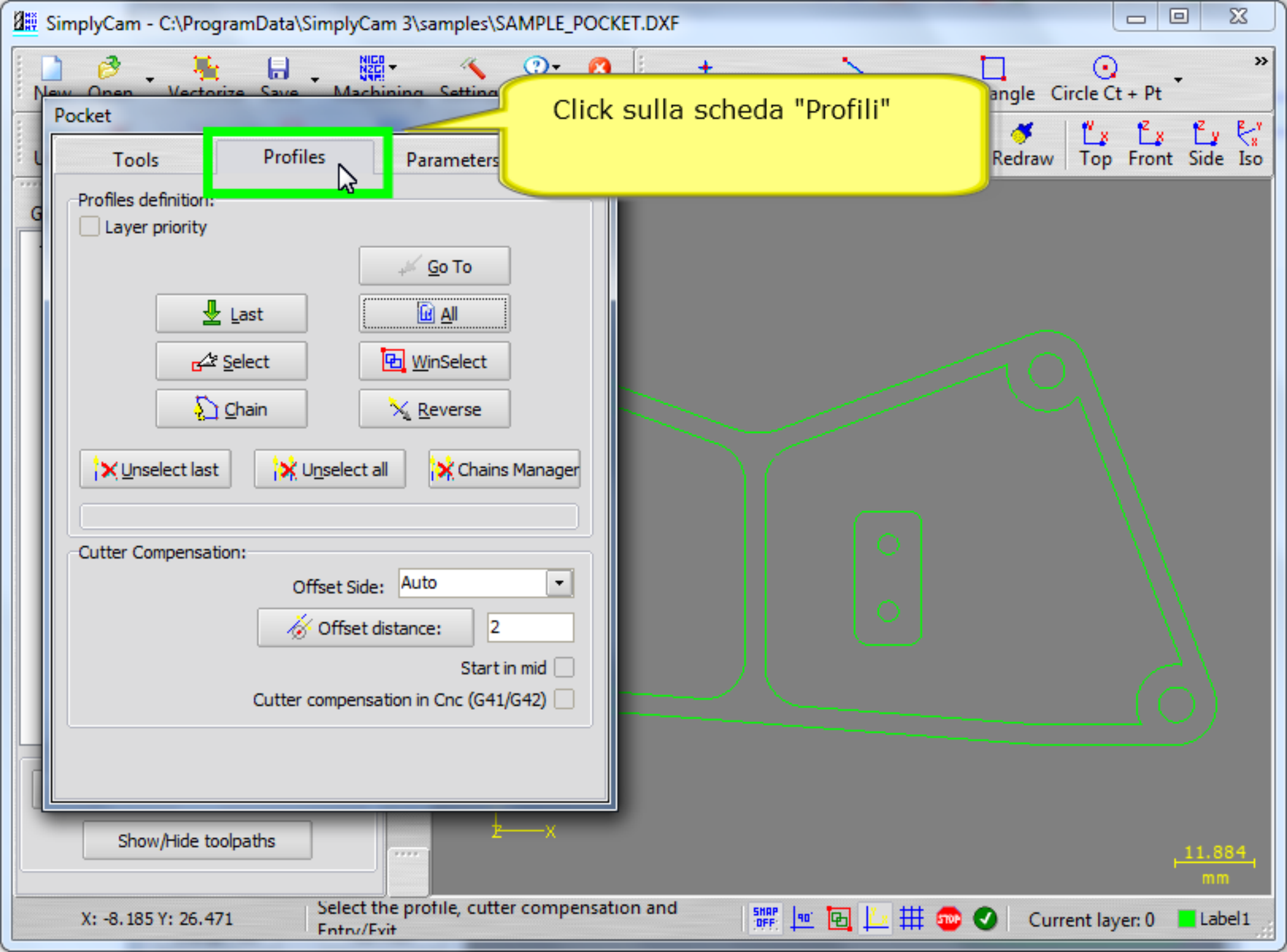

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Open Dxf
Dxf info
Dxf info - Version: 12
Name:SAMPLE_POCKET.DXF
First vertex: X0, Y0
Second vertex: X109.128, Y6
Width: 109.128
Height: 61.973
Points:0
Lines:19
Arcs:17
Circle:6
Polyline:0
Spline:0
Ellipse:0
Text:0
Scale to:
Width(X): 109.128 mm
Height(Y): 61.973 mm
Thickness(Z): 0.0 mm
Keep ratio
Reference setting:
Use drawing origin and orientation
Select Pt.
Reference point X: 0
Reference point Y: 0
Reference point Z: 0
Rotate:
Angle: 0
Use Dxf color index
Autozoom
Apply
Done
Il dialogo viene visualizzata con le informazioni e la dimensione del disegno.
Scalare la dimensione disegno se desiderata.
Definire il punto di riferimento e premere il pulsante "Applica/Finito".
Show/Hide toolpaths
11.884
mm
X: 37.688 Y: -9.182
Define dimension and reference point
Current layer: 0
Label1

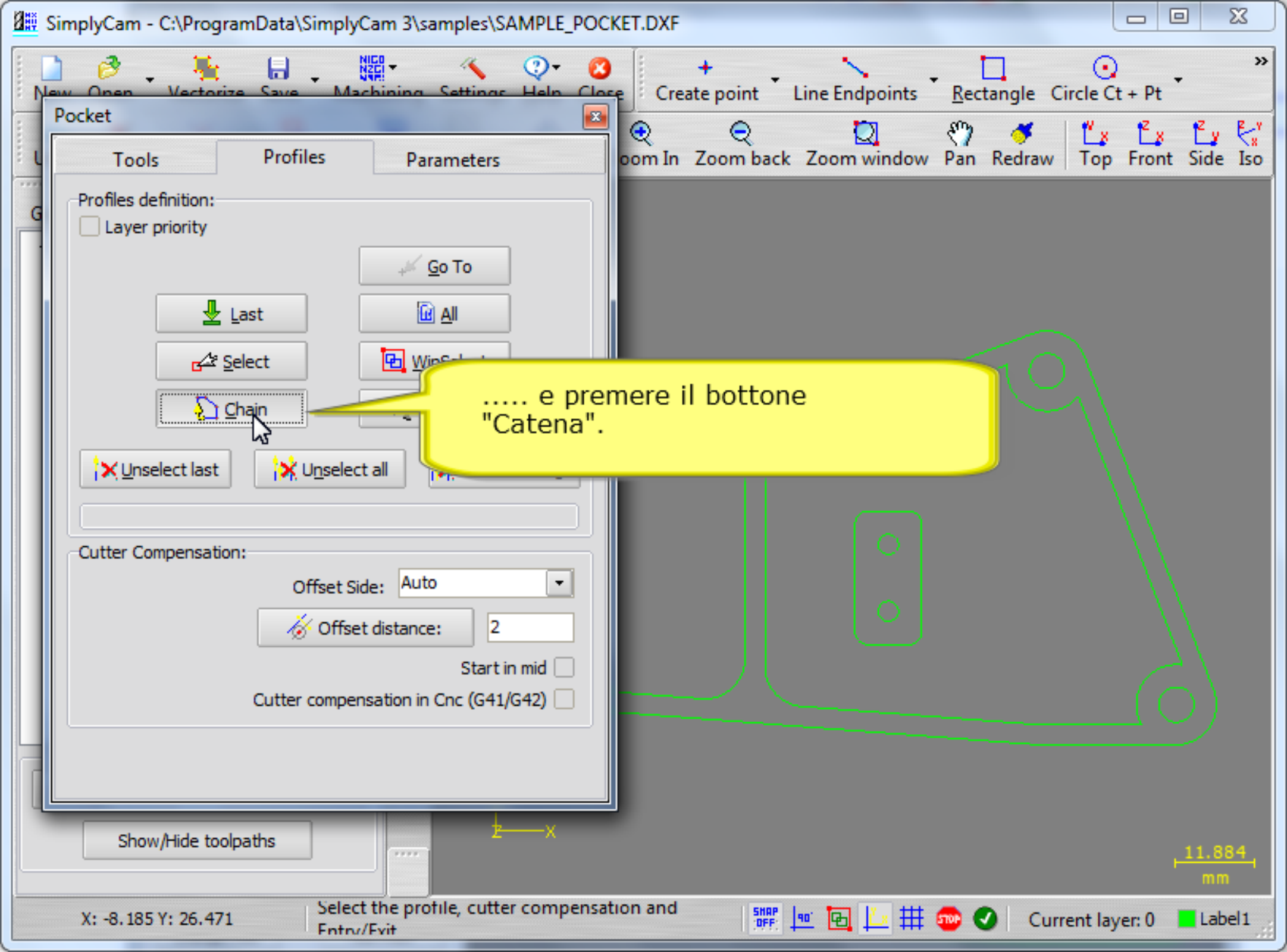

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Fillet
Translate
Select
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Geometry
Toolpath
Machine: Mach2-3
Change Post
Show/
Il disegno è visualizzato nella area grafica con griglia, direzione assi, origine e informazioni scala.
11.884
mm
X: 22.001 Y: -12.034
Current layer: 0
Label1

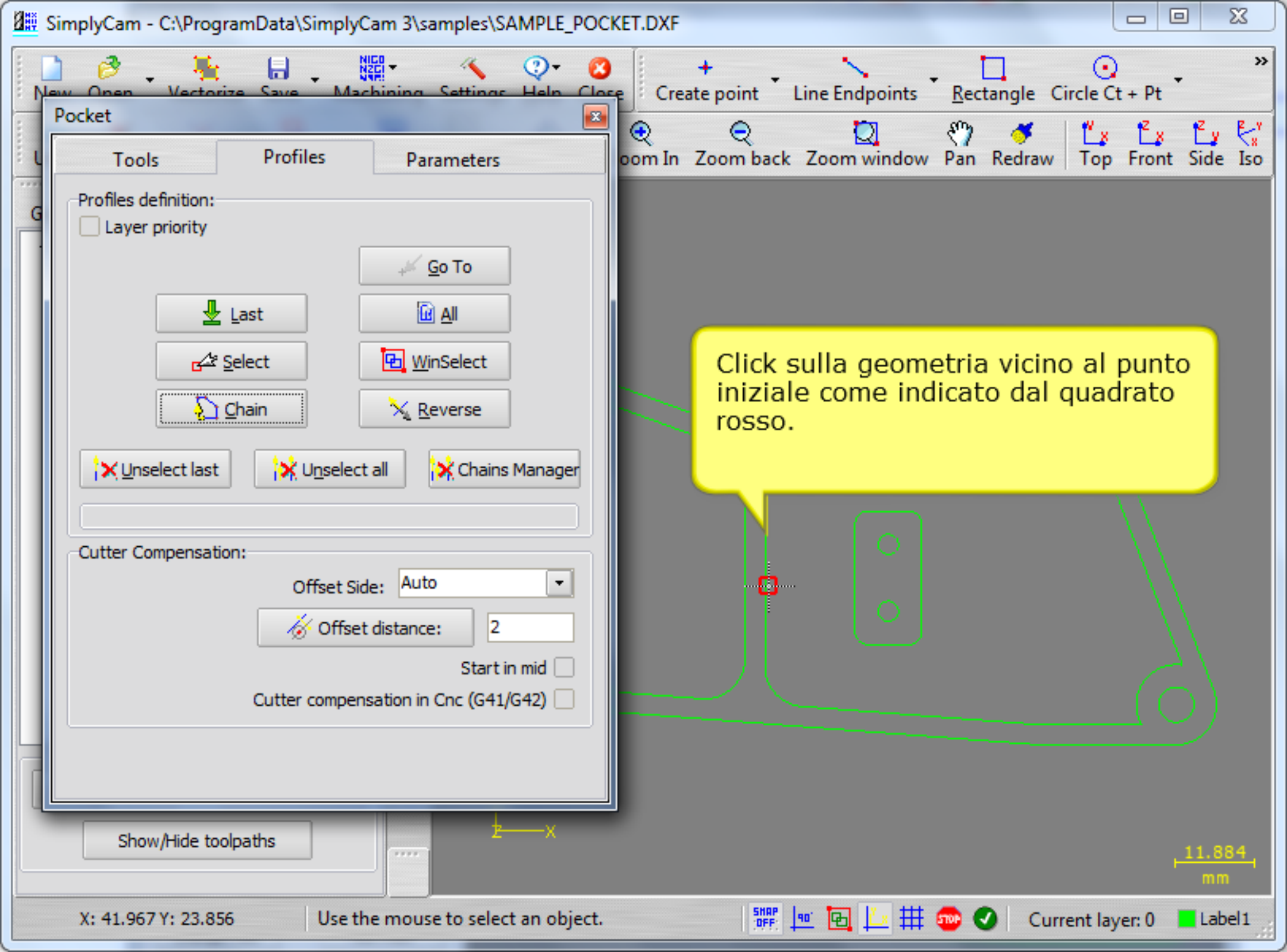

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Fillet
Translat
Side
Iso
New
Contour
Pocket
Drill
Write
Parallel
Edit G-Code
Grbl Panel
Premere "Tasca" dal menu "Lavorazioni"
Geometry
Toolpath
Machine: Mach2-3
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
11.884
mm
X: -8.185 Y: 43.109
Current layer: 0
Label1

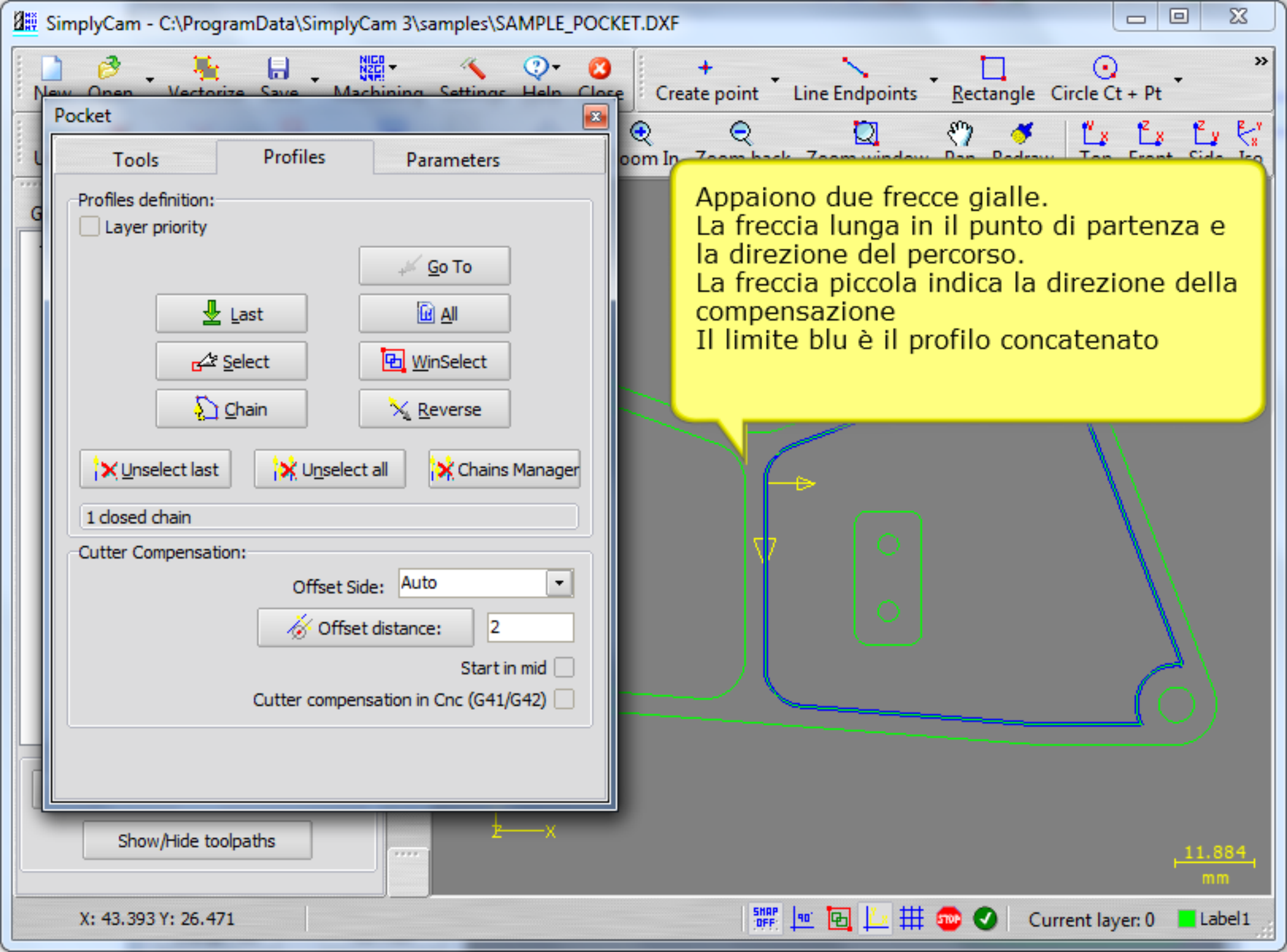

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
Pocket
Tools
Profiles
Parameters
Tool definition:
C:\ProgramData\SimplyC...\Tools_mm.tlb
Flat(Diam. 2)
Flat(Diam. 3)
Flat(Diam. 4)
Flat(Diam. 5)
Flat(Diam. 6)
Flat(Diam. 8)
Flat(Diam. 10)
Drill(Diam. 3)
Drill(Diam. 4)
Drill(Diam. 6)
Conical(Diam. 0.3)
Conical(Diam. 0.5)
Sferical(Diam. 4)
Flat(Diam. 5)
Nella scheda Utensili, cliccare nella lista per selezionare l'utensile
Plunge rate:
Name:
Flat
Type:
Flat
Diameter (d):
4
Length:
1.875
Depth pass:
0
Open library
Save library
Add to lib.
Modify in lib.
Show/Hide toolpaths
Rectangle
Circle Ct + Pt
Pan
Redraw
Top
Front
Side
Iso
11.884
mm
X: -8.185 Y: 26.471
Define tool, speed and feeds
Current layer: 0
Label1

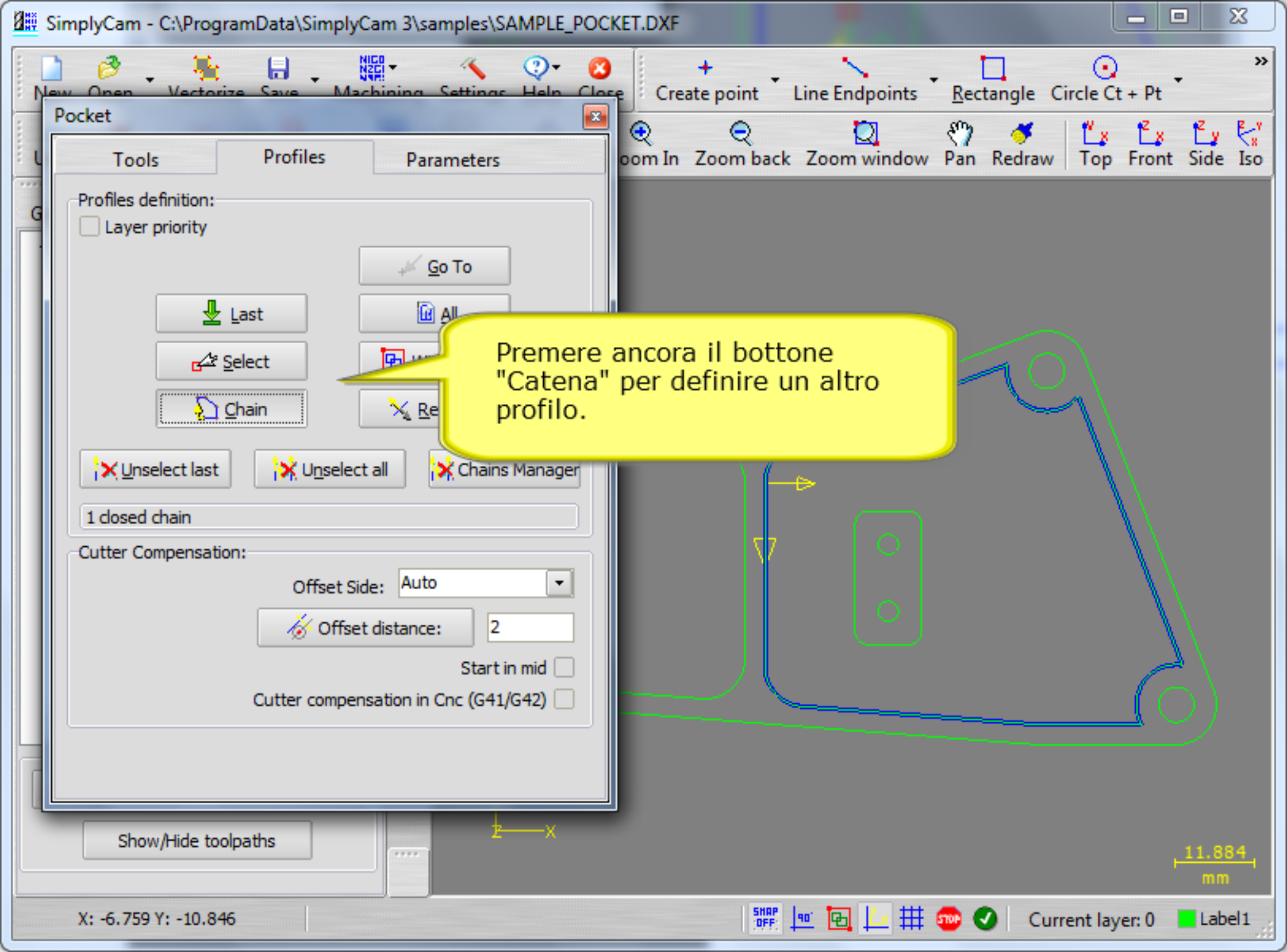

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
window
Pan
Redraw
Top
Front
Side
Iso
Pocket
Tools
Profiles
Parameters
Tools List:
C:\ProgramData\SimplyC...\Tools_mm.tlb
Flat(Diam. 2)
Flat(Diam. 3)
Flat(Diam. 4)
Flat(Diam. 5)
Flat(Diam. 6)
Flat(Diam. 8)
Flat(Diam. 10)
Drill(Diam. 3)
Drill(Diam. 4)
Drill(Diam. 6)
Conical(Diam. 0.3)
Conical(Diam. 0.5)
Sferical(Diam. 4)
Flat(Diam. 5)
Open library
Save library
Tool definition:
d
Coolant
Tool number: 3
Speed: 1500
Spindle CW
Feed rate: 100
Plunge rate: 50
Name: Flat
Type: Flat
Diameter (d): 4
Length: 1.875
Depth pass: 0
Add to lib.
Modify in lib.
..ed impostare la velocita e l'avanzamento dell'utensile.
Show/Hide toolpaths
11.884
mm
X: -8.185 Y: 26.471
Define tool, speed and feeds
Current layer: 0
Label1

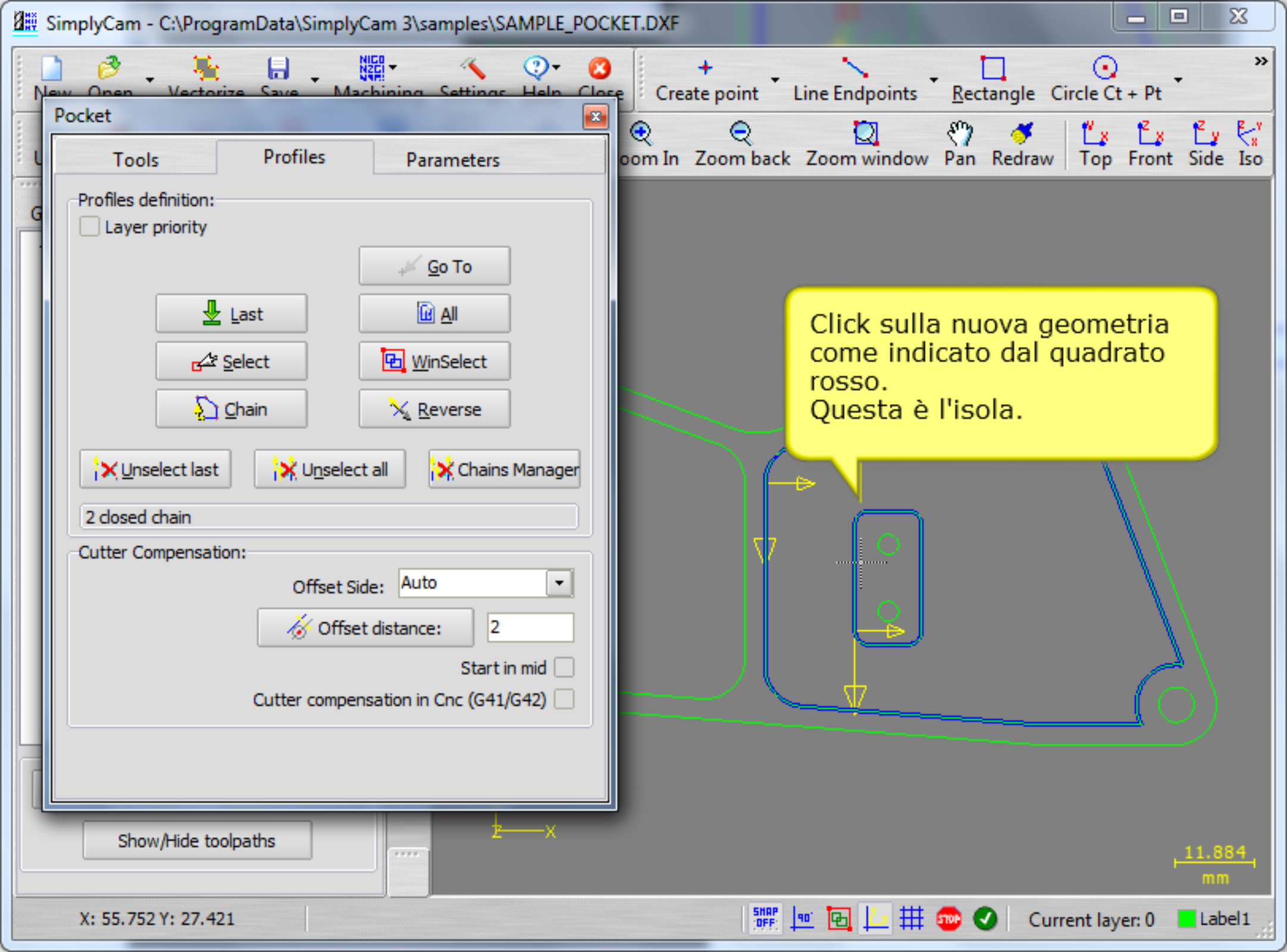

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
Click sulla scheda "Profili"
Pocket
Tools
Profiles
Parameters
Profiles definition:
Layer priority
Go To
Last
All
Select
WinSelect
Chain
Reverse
Unselect last
Unselect all
Chains Manager
Cutter Compensation:
Offset Side:
Auto
Offset distance:
2
Start in mid
Cutter compensation in Cnc (G41/G42)
Show/Hide toolpaths
Redraw
Top
Front
Side
Iso
11.884
mm
X: -8.185 Y: 26.471
Select the profile, cutter compensation and
Current layer: 0
Label1

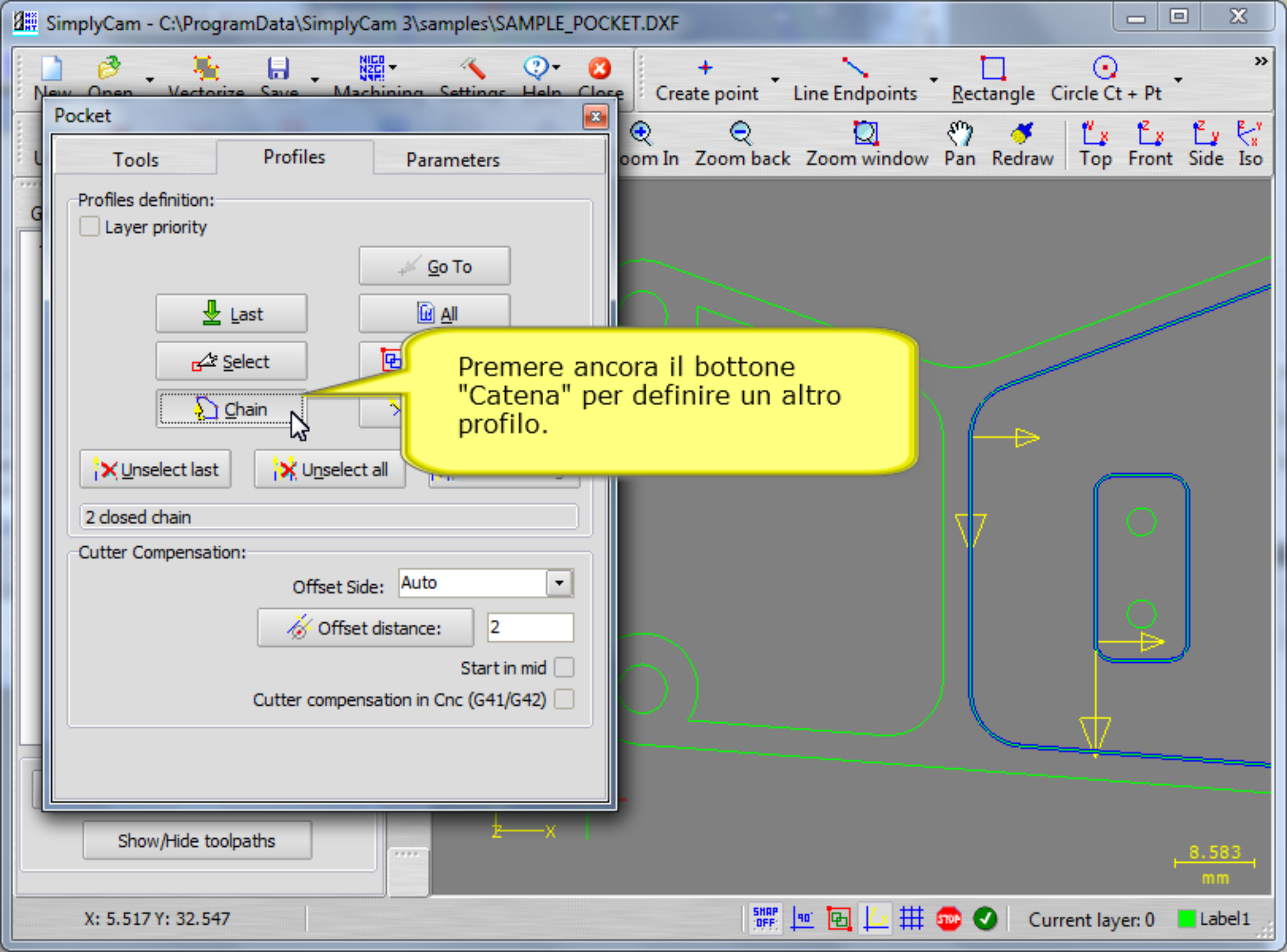

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Pocket
Tools
Profiles
Parameters
Profiles definition:
Layer priority
Go To
Last
All
Select
Chain
Unselect last
Unselect all
..... e premere il bottone "Catena".
Cutter Compensation:
Offset Side:
Auto
Offset distance:
2
Start in mid
Cutter compensation in Cnc (G41/G42)
Show/Hide toolpaths
11.884
mm
X: -8.185 Y: 26.471
Select the profile, cutter compensation and
Entry/Exit
Current layer: 0
Label1

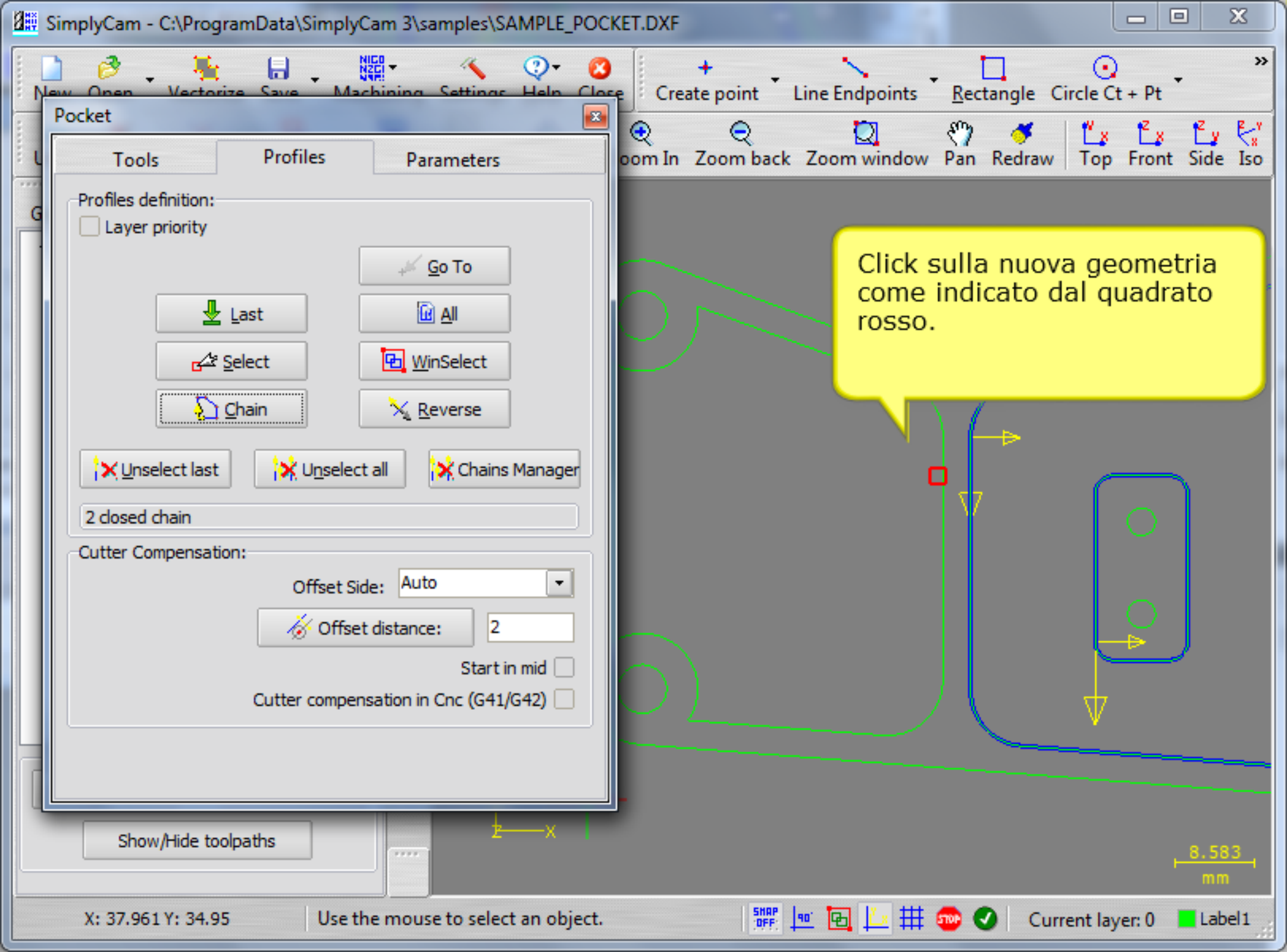

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Pocket
Tools
Profiles
Parameters
Profiles definition:
Layer priority
Go To
Last
All
Select
WinSelect
Chain
Reverse
Unselect last
Unselect all
Chains Manager
Cutter Compensation:
Offset Side:
Auto
Offset distance:
2
Start in mid
Cutter compensation in Cnc (G41/G42)
Show/Hide toolpaths
Click sulla geometria vicino al punto iniziale come indicato dal quadrato rosso.
11.884
mm
X: 41.967 Y: 23.856
Use the mouse to select an object.
SNAP OFF
STOP
Current layer: 0
Label1

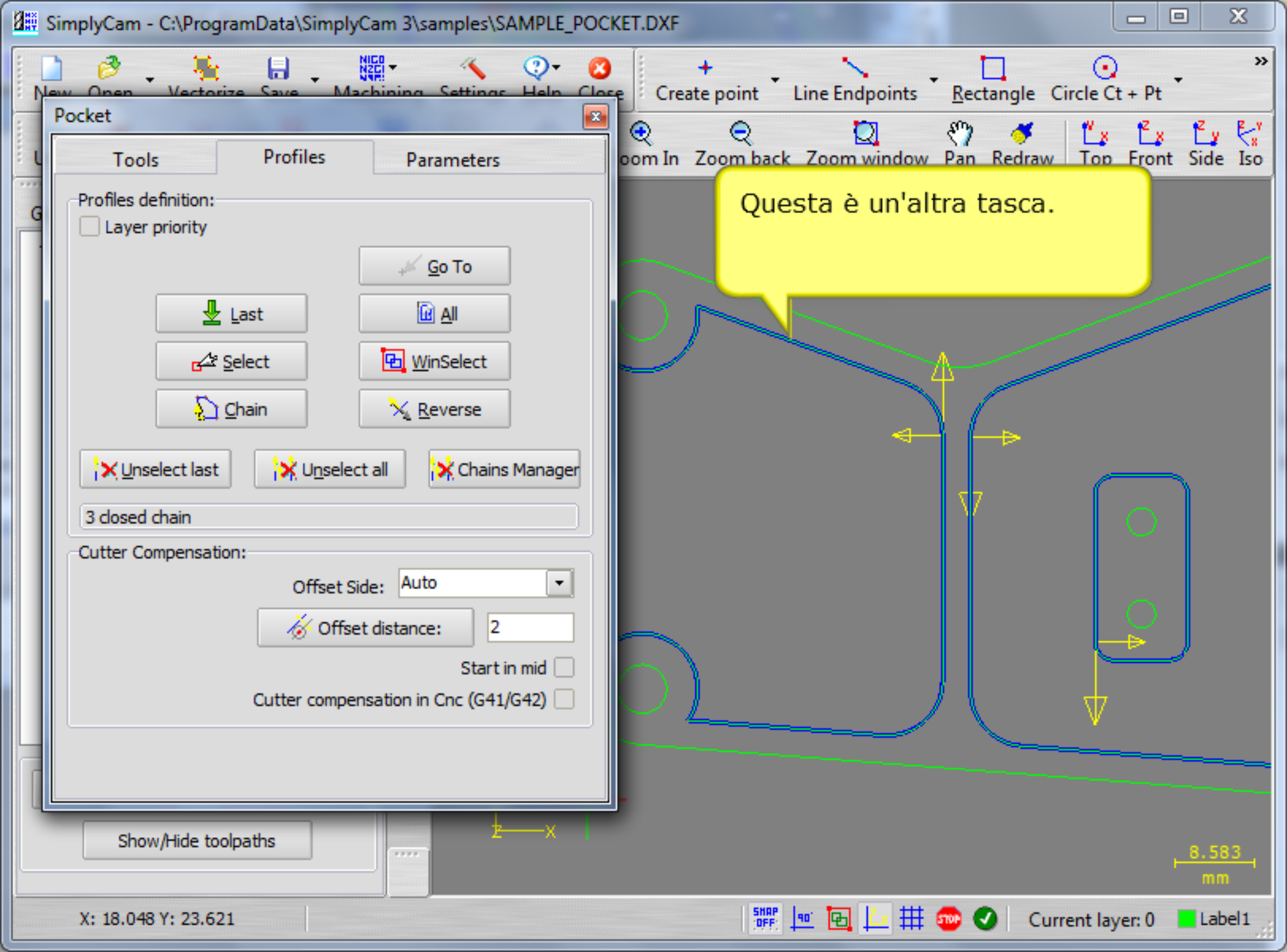

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Pocket
Tools
Profiles
Parameters
Profiles definition:
Layer priority
Go To
Last
All
Select
WinSelect
Chain
Reverse
Unselect last
Unselect all
Chains Manager
1 closed chain
Cutter Compensation:
Offset Side:
Auto
Offset distance:
2
Start in mid
Cutter compensation in Cnc (G41/G42)
Show/Hide toolpaths
Appaiono due frecce gialle.
La freccia lunga in il punto di partenza e la direzione del percorso.
La freccia piccola indica la direzione della compensazione
Il limite blu è il profilo concatenato
11.884
mm
X: 43.393 Y: 26.471
Current layer: 0
Label1


SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Pocket
Tools
Profiles
Parameters
Profiles definition:
Layer priority
Go To
Last
All
Select
Chain
Unselect last
Unselect all
Chains Manager
1 closed chain
Cutter Compensation:
Offset Side:
Auto
Offset distance:
2
Start in mid
Cutter compensation in Cnc (G41/G42)
Premere ancora il bottone "Catena" per definire un altro profilo.
Show/Hide toolpaths
11.884
mm
X: -6.759 Y: -10.846
Current layer: 0
Label1


SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Pocket
Tools
Profiles
Parameters
Profiles definition:
Layer priority
Go To
Last
All
Select
WinSelect
Chain
Reverse
Unselect last
Unselect all
Chains Manager
2 closed chain
Cutter Compensation:
Offset Side:
Auto
Offset distance:
2
Start in mid
Cutter compensation in Cnc (G41/G42)
Show/Hide toolpaths
Click sulla nuova geometria come indicato dal quadrato rosso.
Questa è l'isola.
11.884
mm
X: 55.752 Y: 27.421
Current layer: 0
Label1


SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Pocket
Tools
Profiles
Parameters
Profiles definition:
Layer priority
Go To
Last
All
Select
Chain
Unselect last
Unselect all
2 closed chain
Cutter Compensation:
Offset Side:
Auto
Offset distance:
2
Start in mid
Cutter compensation in Cnc (G41/G42)
Premere ancora il bottone "Catena" per definire un altro profilo.
Show/Hide toolpaths
8.583
mm
X: 5.517 Y: 32.547
Current layer: 0
Label1


SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Pocket
Tools
Profiles
Parameters
Profiles definition:
Layer priority
Go To
Last
All
Select
WinSelect
Chain
Reverse
Unselect last
Unselect all
Chains Manager
2 closed chain
Cutter Compensation:
Offset Side:
Auto
Offset distance:
2
Start in mid
Cutter compensation in Cnc (G41/G42)
Show/Hide toolpaths
Click sulla nuova geometria come indicato dal quadrato rosso.
8.583
mm
X: 37.961 Y: 34.95
Use the mouse to select an object.
Current layer: 0
Label1


SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Pocket
Tools
Profiles
Parameters
Profiles definition:
Layer priority
Go To
Last
All
Select
WinSelect
Chain
Reverse
Unselect last
Unselect all
Chains Manager
3 closed chain
Cutter Compensation:
Offset Side:
Auto
Offset distance:
2
Start in mid
Cutter compensation in Cnc (G41/G42)
Show/Hide toolpaths
Questa è un'altra tasca.
8.583
mm
X: 18.048 Y: 23.621
Current layer: 0
Label1

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF

Pocket

Tools | Profiles | Parameters

Click sulla scheda "Parametri" e impostare i seguenti parametri:

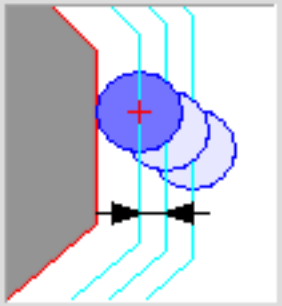
Pocket parameters:

Feed Plane: 2

Top of part: 0

Depth: -1

Depth increment: 1



Depth Entry: None

Keep tool down

Stock to leave: 0

Step over(%): 60

N. 1

Finish cuts size: 0.0

Lead In/Out (none)

Pocket type: ZigZag

Angle: 0

Transform | Calculate | Cancel

Show/Hide toolpaths

Top | Front | Side | Iso

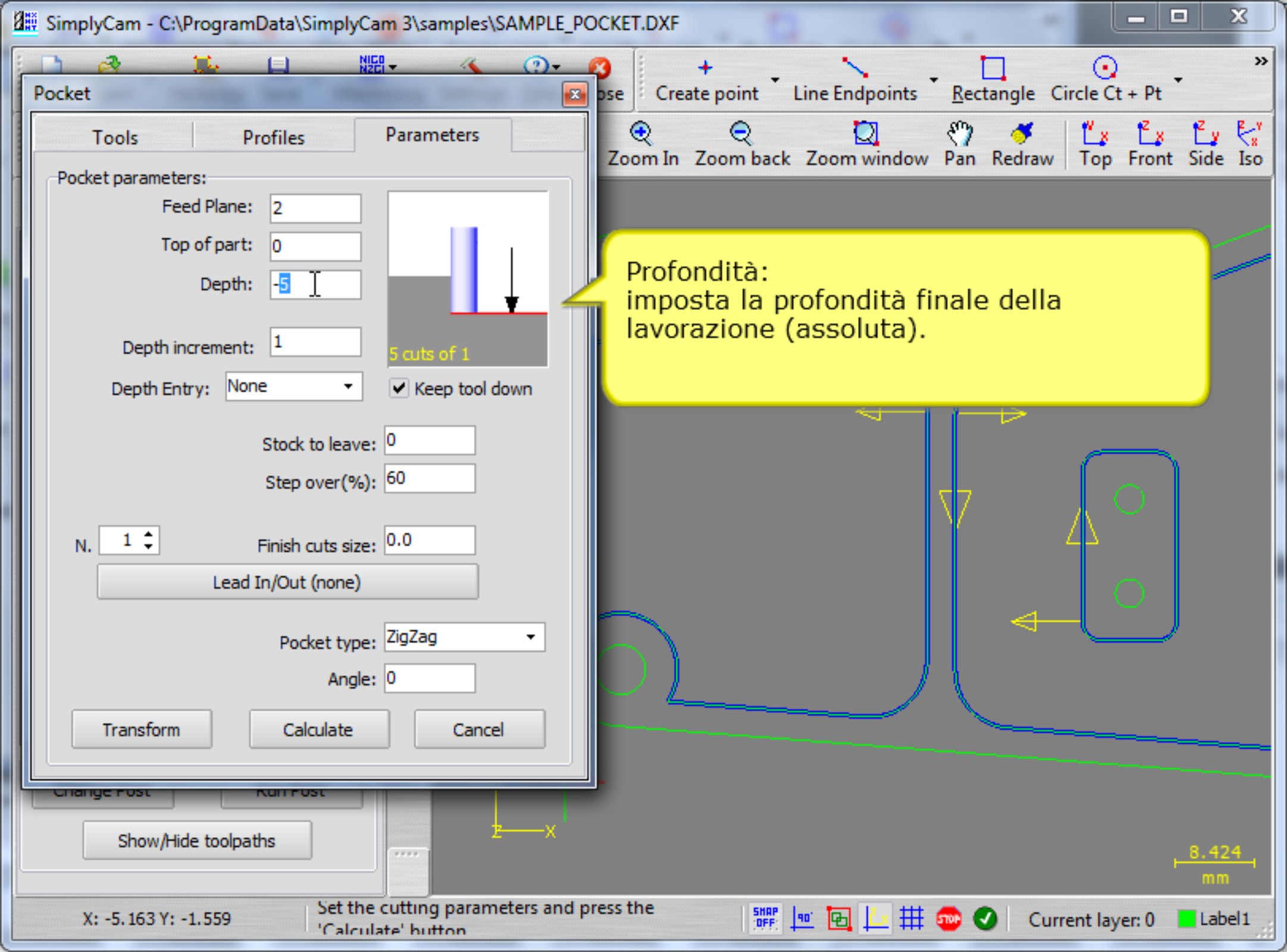
8.424 mm

X: -5.163 Y: -1.559

Set the cutting parameters and press the 'Calculate' button

Current layer: 0

Label1


SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
Pocket
Tools
Profiles
Parameters
Pocket parameters:
Feed Plane: 2
Top of part: 0
Depth: -5
Depth increment: 1
5 cuts of 1
Depth Entry: None
Keep tool down
Stock to leave: 0
Step over(%): 60
N. 1
Finish cuts size: 0.0
Lead In/Out (none)
Pocket type: ZigZag
Angle: 0
Transform
Calculate
Cancel
Show/Hide toolpaths
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Profondità:
imposta la profondità finale della lavorazione (assoluta).
8.424
mm
X: -5.163 Y: -1.559
Set the cutting parameters and press the 'Calculate' button
Current layer: 0
Label1

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF

Create point | Line Endpoints | Rectangle | Circle Ct + Pt

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

Pocket

Tools | Profiles | Parameters

Pocket parameters:

Feed Plane:	2
Top of part:	0
Depth:	-5
Depth increment:	2
Depth Entry:	None
Keep tool down	☑
Stock to leave:	0
Step over(%):	60
N.	1
Finish cuts size:	0.0
Pocket type:	ZigZag
Angle:	0

Lead In/Out (none)

Transform | Calculate | Cancel

Show/Hide toolpaths

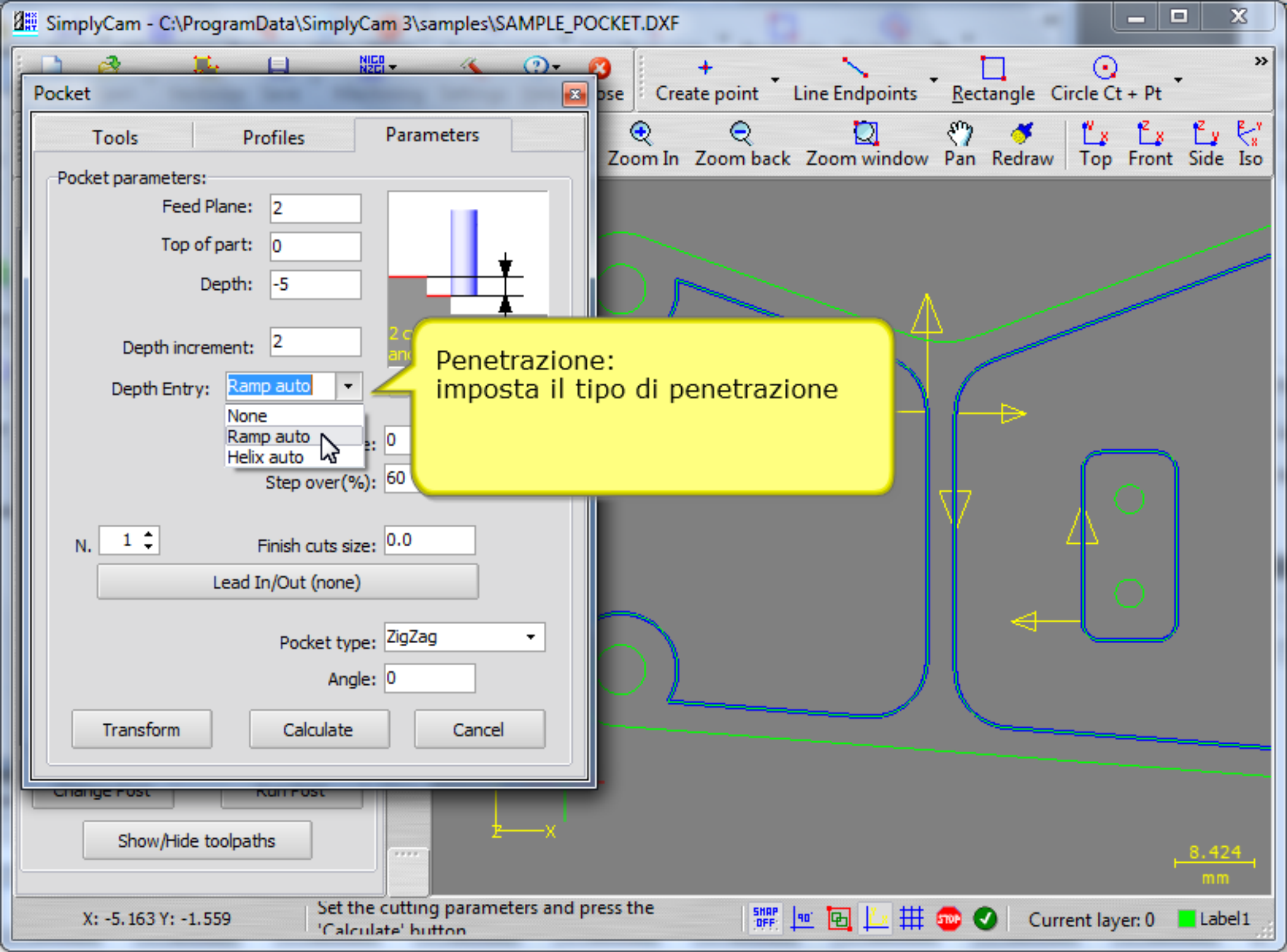
Passata in Z:
imposta l'asportazione massima per ogni passata in profondità.

8.424 mm

X: -5.163 Y: -1.559

Set the cutting parameters and press the 'Calculate' button

Current layer: 0 | Label1


SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Pocket
Tools
Profiles
Parameters
Pocket parameters:
Feed Plane: 2
Top of part: 0
Depth: -5
Depth increment: 2
Depth Entry: Ramp auto
None
Ramp auto
Helix auto
Step over(%): 60
N. 1
Finish cuts size: 0.0
Lead In/Out (none)
Pocket type: ZigZag
Angle: 0
Transform
Calculate
Cancel
Penetrazione:
imposta il tipo di penetrazione
Show/Hide toolpaths
8.424
mm
X: -5.163 Y: -1.559
Set the cutting parameters and press the
Current layer: 0
Label1

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF

Create point | Line Endpoints | Rectangle | Circle Ct + Pt

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

Pocket

Tools | Profiles | Parameters

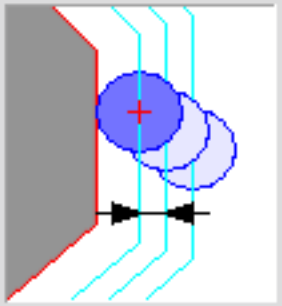
Pocket parameters:

Feed Plane: 2

Top of part: 0

Depth: -5

Depth increment: 2



Depth Entry: Ramp auto

Keep tool down

Stock to leave: 0

Step over(%): 60

N. 1

Finish cuts size: 0.1

Lead In/Out (none)

Pocket type: ZigZag

Angle: 0

Transform | Calculate | Cancel

Change Post | Run Post

Show/Hide toolpaths

Numero di passate di finiture/ Asportazione per ogni finitura:
imposta il numero e l'asportazione delle passate di finutura sulle pareti.

8.424 mm

X: -5.163 Y: -1.559

Set the cutting parameters and press the 'Calculate' button

Current layer: 0 | Label1

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF

Create point | Line Endpoints | Rectangle | Circle Ct + Pt

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

Pocket

Tools | Profiles | Parameters

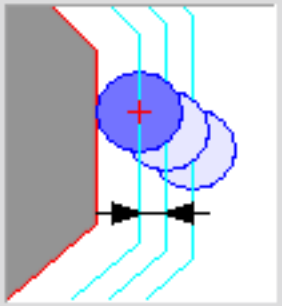
Pocket parameters:

Feed Plane: 2

Top of part: 0

Depth: -5

Depth increment: 2



Depth Entry: Ramp auto

Keep tool down

Stock to leave: 0

Step over(%): 60

N. 1

Finish cuts size: 0.1

Lead In/Out (none)

Pocket type: Spiral

Spiral In-Ou

ZigZag

Spiral

Transform | Calculate | Cancel

Change Post | Run Post

Show/Hide toolpaths

Tipo Tasca:
definisce il metodo di taglio
nella sgrossatura della tasca.

8.424 mm

X: -5.163 Y: -1.559

Set the cutting parameters and press the 'Calculate' button

Current layer: 0 | Label1

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF

Create point | Line Endpoints | Rectangle | Circle Ct + Pt

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

Pocket

Tools | Profiles | Parameters

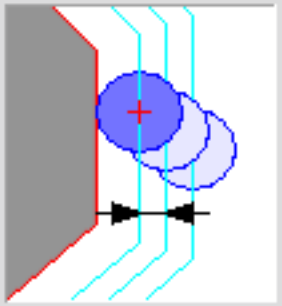
Pocket parameters:

Feed Plane: 2

Top of part: 0

Depth: -5

Depth increment: 2



Depth Entry: Ramp auto

Keep tool down

Stock to leave: 0

Step over(%): 60

N. 1

Finish cuts size: 0.1

Lead In/Out (none)

Pocket type: Spiral

Spiral In-Out

Transform | Calculate | Canc

Premere il bottone "Calcola".

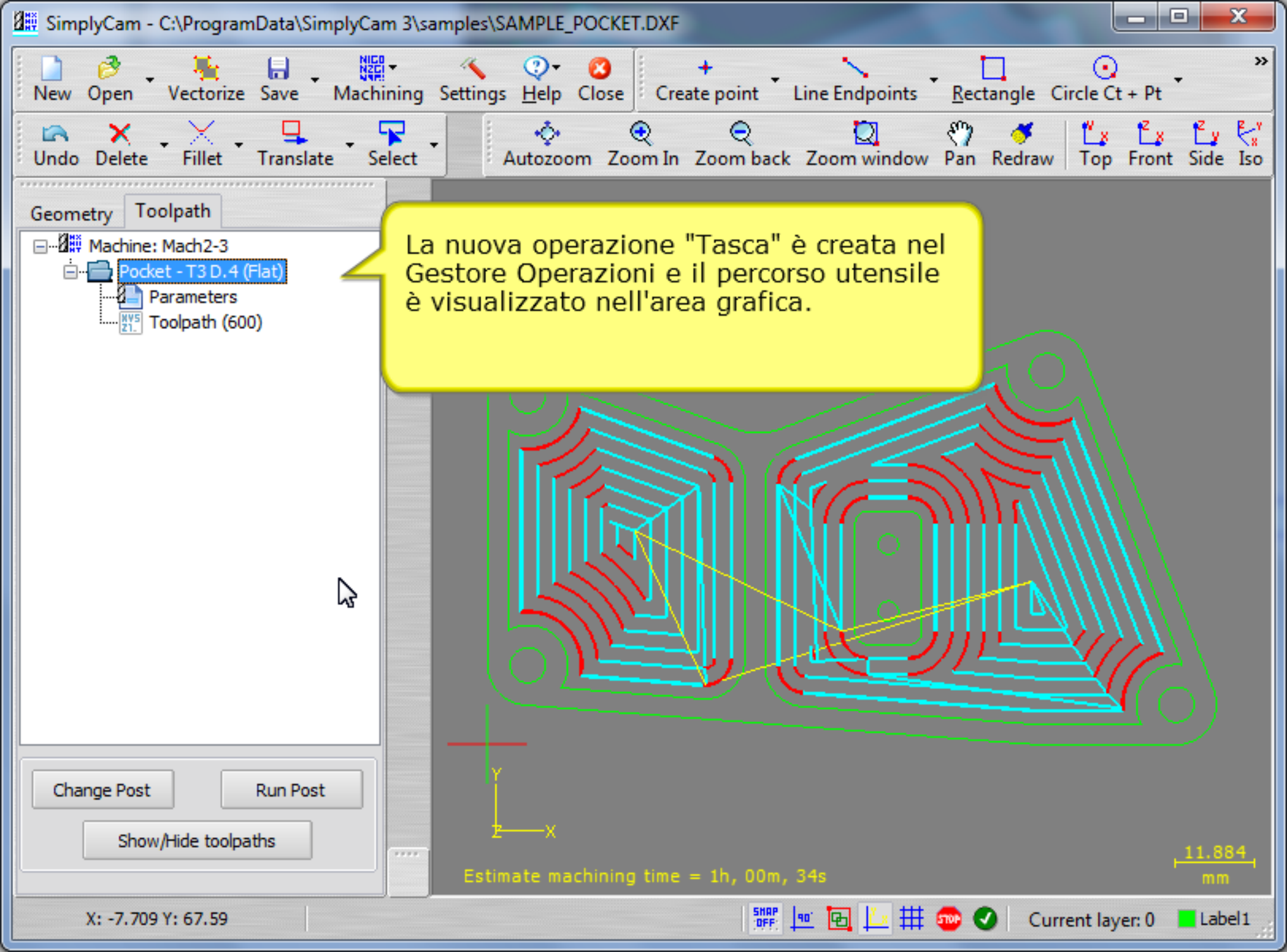
Show/Hide toolpaths

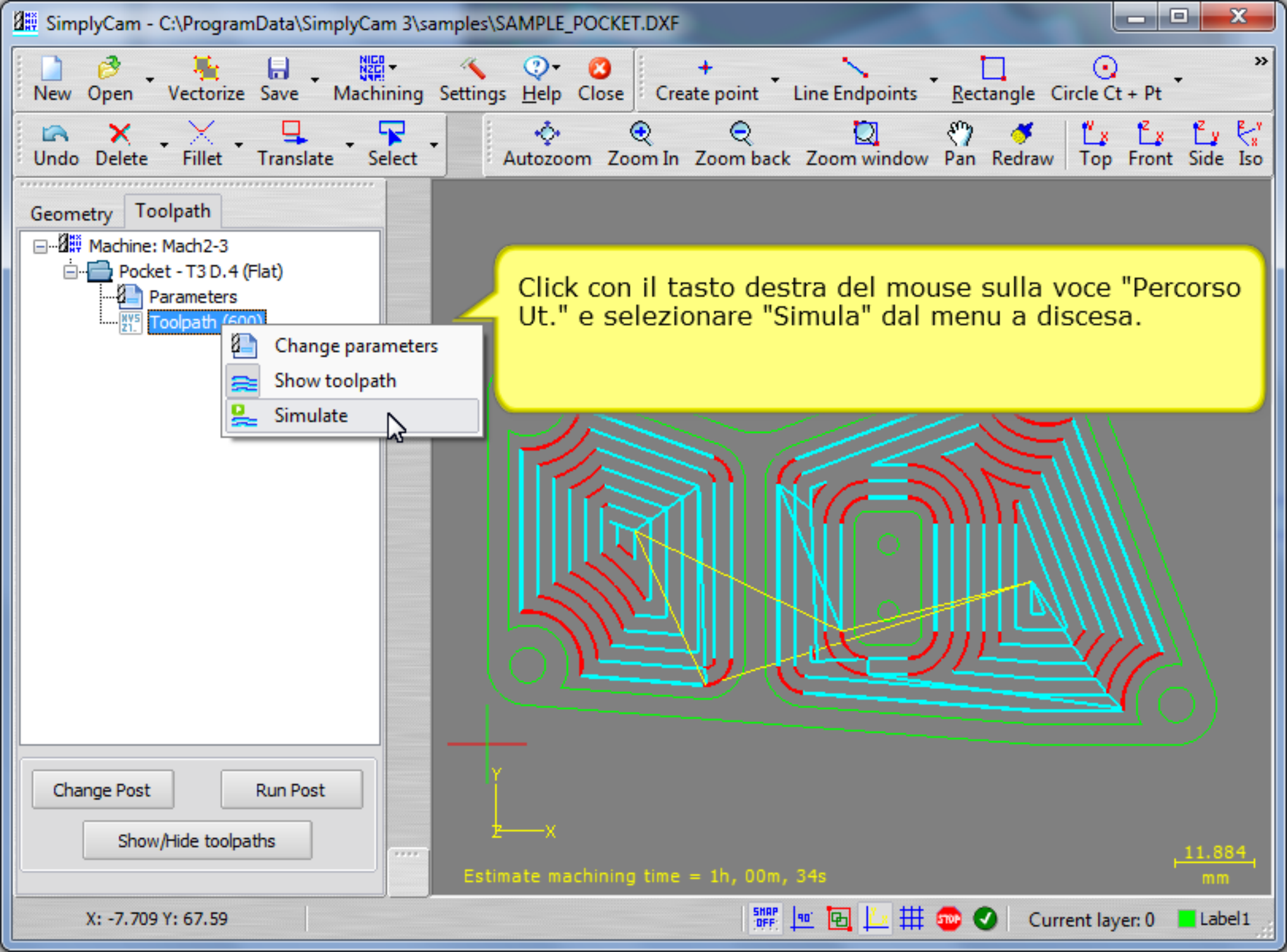
8.424 mm

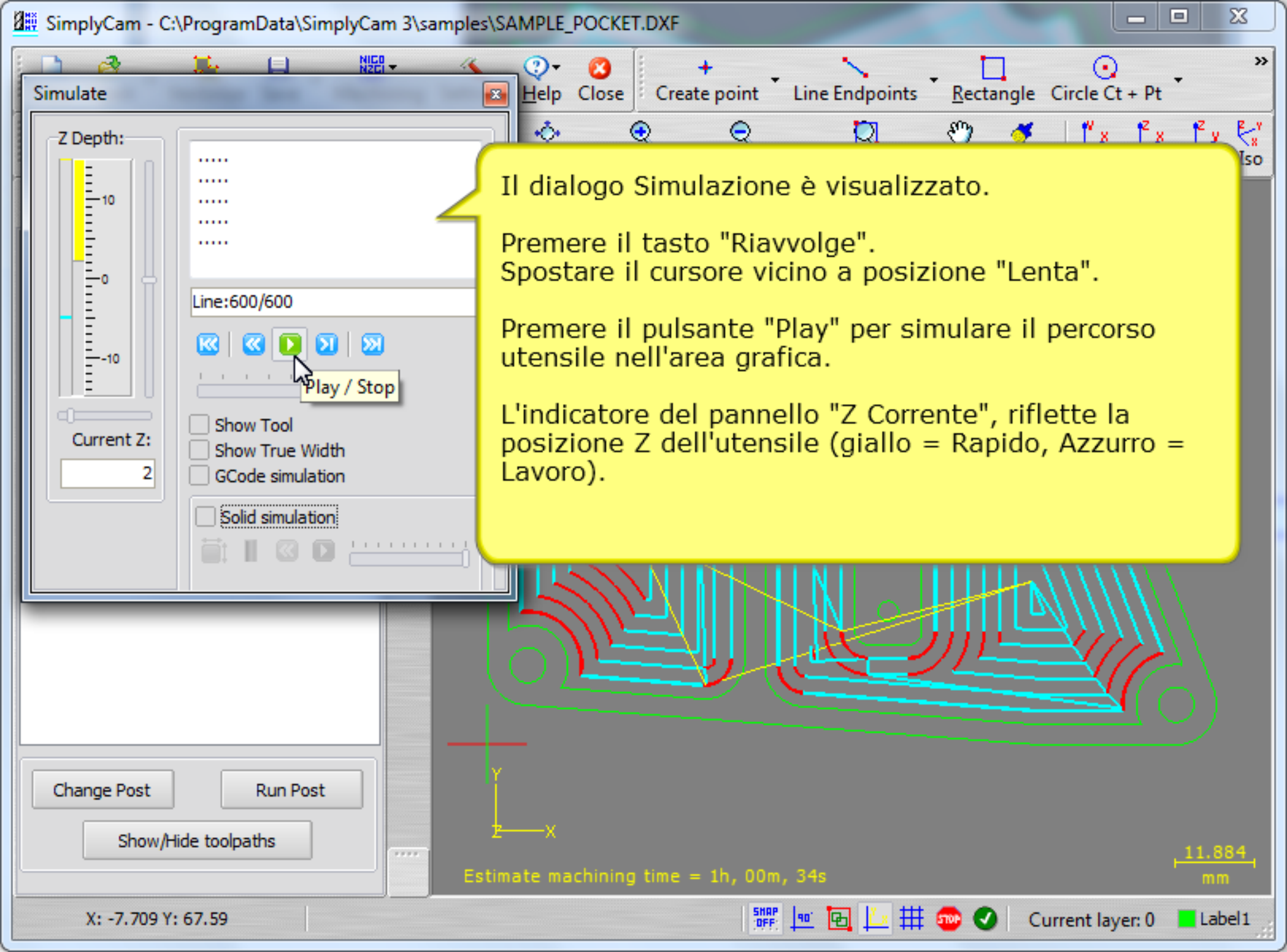
X: -5.163 Y: -1.559

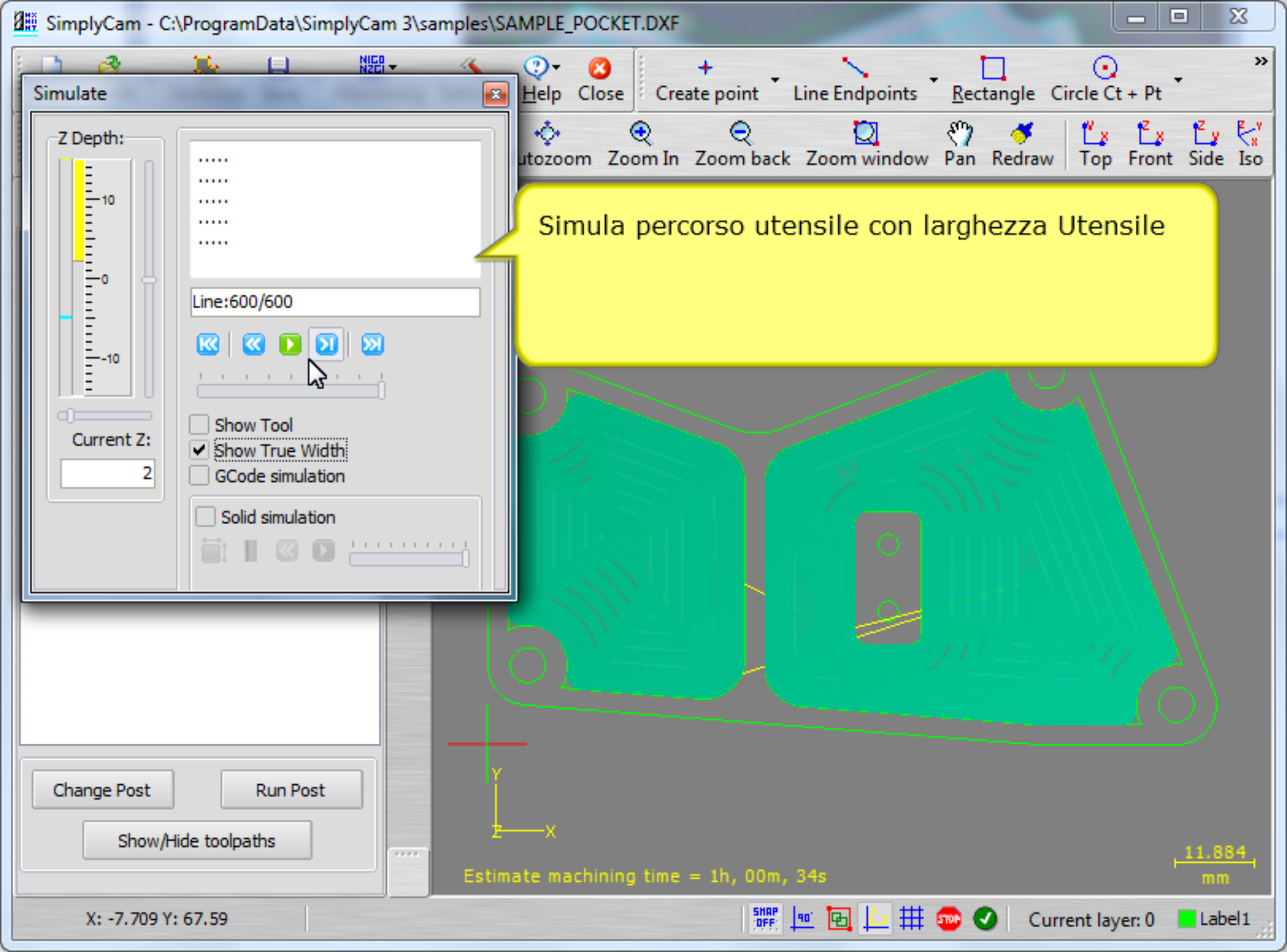
Set the cutting parameters and press the 'Calculate' button

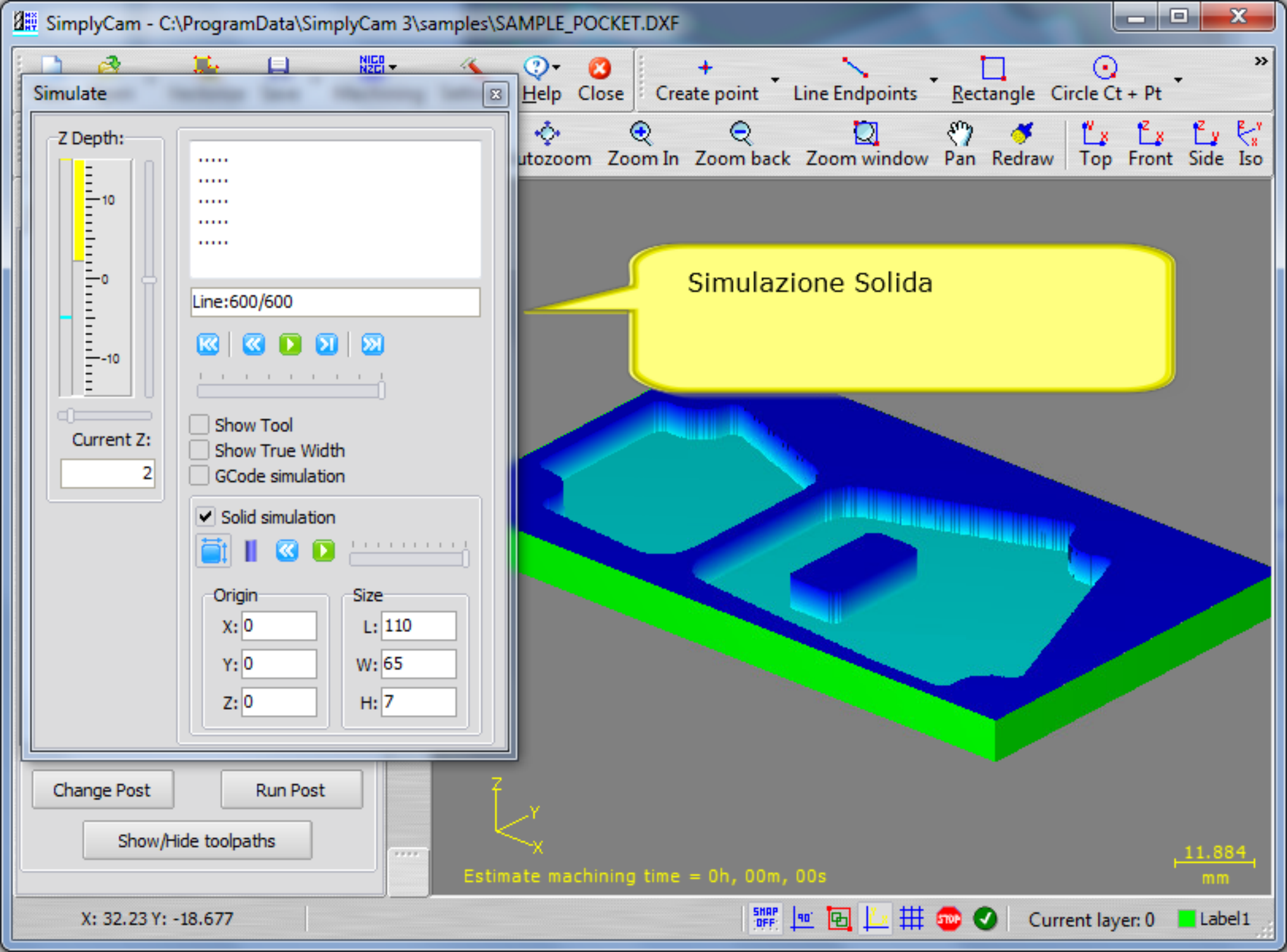
Current layer: 0 Label1

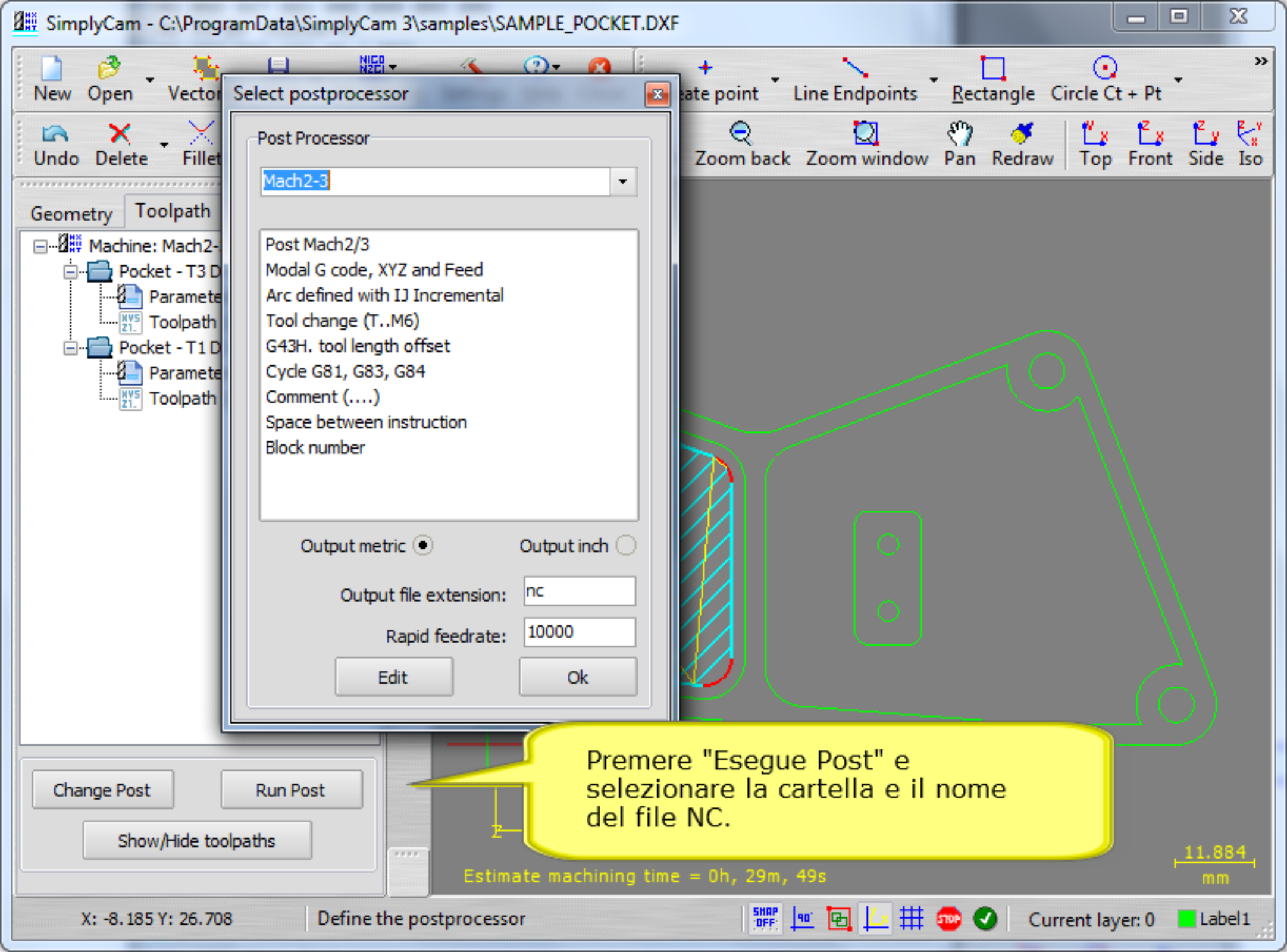

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Fillet
Translate
Select
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Geometry
Toolpath
Machine: Mach2-3
Pocket - T3 D.4 (Flat)
Parameters
Toolpath (600)
La nuova operazione "Tasca" è creata nel Gestore Operazioni e il percorso utensile è visualizzato nell'area grafica.
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
11.884
mm
Estimate machining time = 1h, 00m, 34s
X: -7.709 Y: 67.59
SNAP OFF
90°
STOP
Current layer: 0
Label1

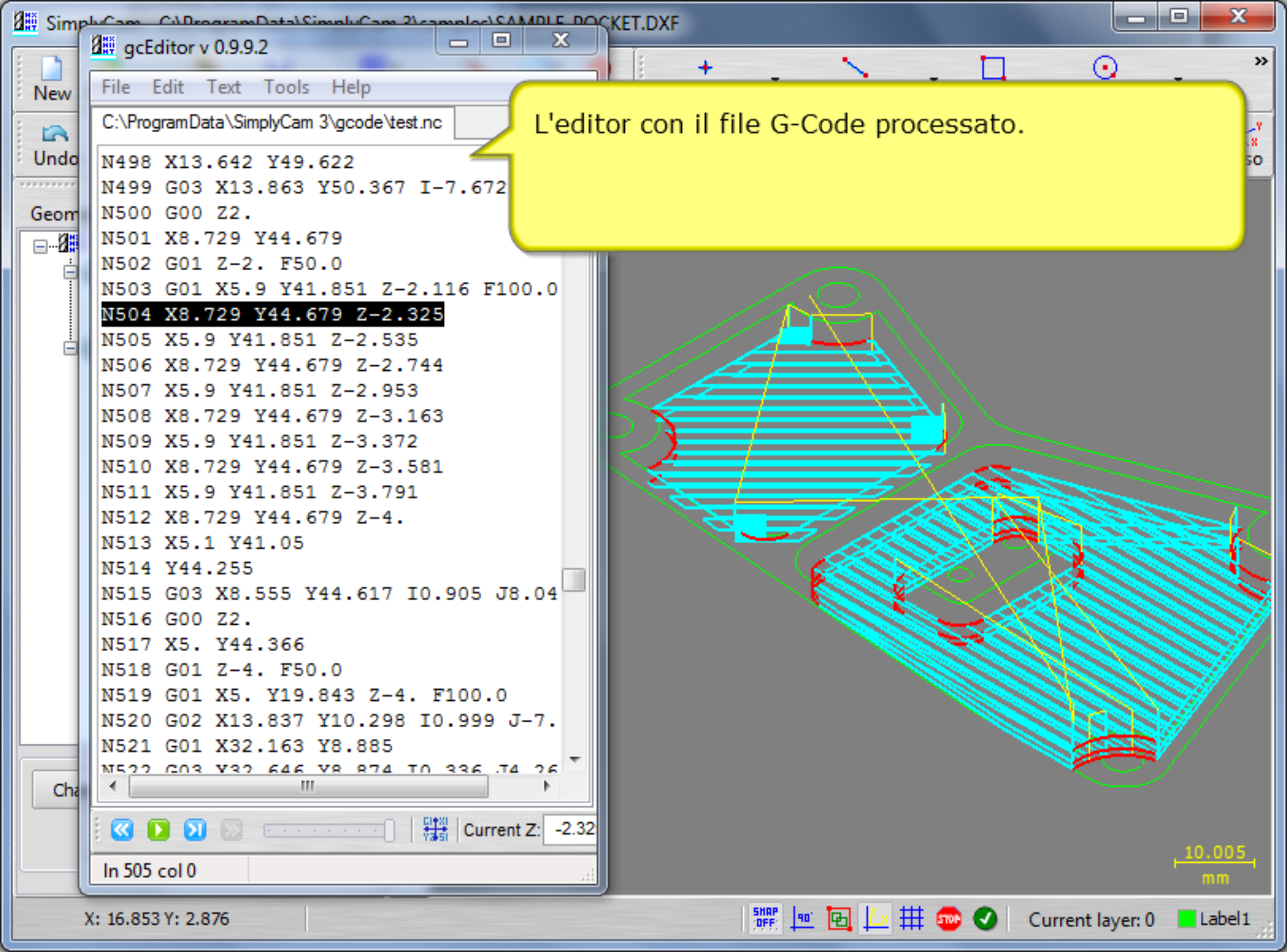

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Fillet
Translate
Select
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Geometry
Toolpath
Machine: Mach2-3
Pocket - T3 D.4 (Flat)
Parameters
Toolpath (600)
Change parameters
Show toolpath
Simulate
Click con il tasto destra del mouse sulla voce "Percorso Ut." e selezionare "Simula" dal menu a discesa.
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
11.884
mm
Estimate machining time = 1h, 00m, 34s
X: -7.709 Y: 67.59
Current layer: 0
Label1

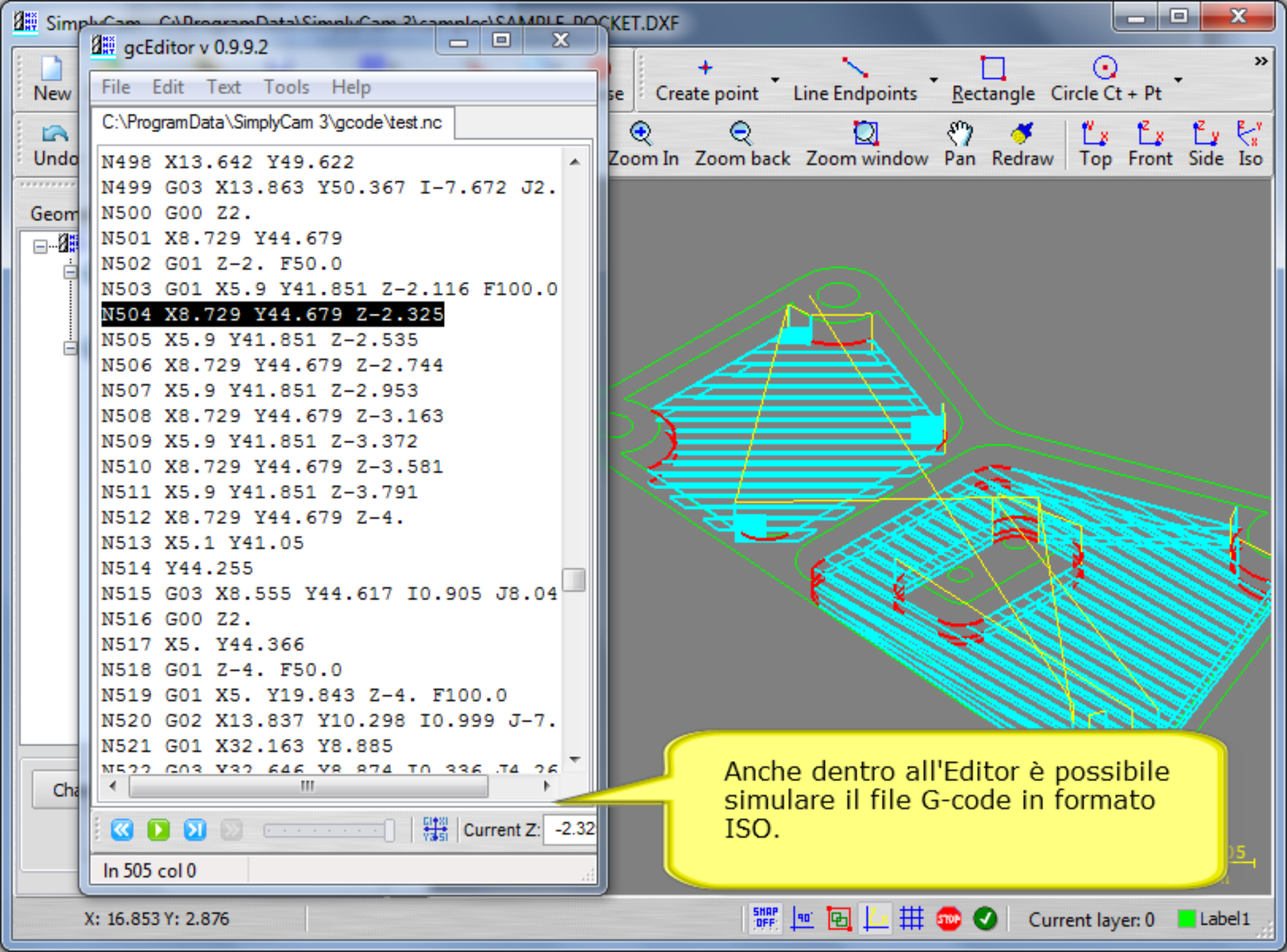

SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
Simulate
Z Depth:
10
0
-10
Current Z:
2
Line:600/600
Play / Stop
Show Tool
Show True Width
GCode simulation
Solid simulation
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Change Post
Run Post
Show/Hide toolpaths
Estimate machining time = 1h, 00m, 34s
11.884
mm
X: -7.709 Y: 67.59
Current layer: 0
Label1
Il dialogo Simulazione è visualizzato.
Premere il tasto "Riavvolge".
Spostare il cursore vicino a posizione "Lenta".
Premere il pulsante "Play" per simulare il percorso utensile nell'area grafica.
L'indicatore del pannello "Z Corrente", riflette la posizione Z dell'utensile (giallo = Rapido, Azzurro = Lavoro).


SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
utozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Simulate
Z Depth:
10
0
-10
Current Z:
2
Line:600/600
Show Tool
Show True Width
GCode simulation
Solid simulation
Simula percorso utensile con larghezza Utensile
Change Post
Run Post
Show/Hide toolpaths
Y
Z
X
11.884
mm
Estimate machining time = 1h, 00m, 34s
X: -7.709 Y: 67.59
SNAP OFF
STOP
Current layer: 0
Label1


SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
Simulate
Z Depth:
10
0
-10
Current Z:
2
Line:600/600
Show Tool
Show True Width
GCode simulation
Solid simulation
Origin
X: 0
Y: 0
Z: 0
Size
L: 110
W: 65
H: 7
Change Post
Run Post
Show/Hide toolpaths
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
utozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Simulazione Solida
Estimate machining time = 0h, 00m, 00s
11.884
mm
X: 32.23 Y: -18.677
Current layer: 0
Label1


SimplyCam - C:\ProgramData\SimplyCam 3\samples\SAMPLE_POCKET.DXF
New
Open
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Geometry
Toolpath
Machine: Mach2-
Pocket - T3 D
Pocket - T1 D
Change Post
Run Post
Show/Hide toolpaths
Select postprocessor
Post Processor
Mach2-3
Post Mach2/3
Modal G code, XYZ and Feed
Arc defined with IJ Incremental
Tool change (T..M6)
G43H. tool length offset
Cycle G81, G83, G84
Comment (....)
Space between instruction
Block number
Output metric
Output inch
Output file extension:
nc
Rapid feedrate:
10000
Edit
Ok
Premere "Esegue Post" e selezionare la cartella e il nome del file NC.
Estimate machining time = 0h, 29m, 49s
11.884
mm
X: -8.185 Y: 26.708
Define the postprocessor
Current layer: 0
Label1


gcEditor v 0.9.9.2
File Edit Text Tools Help
C:\ProgramData\SimplyCam 3\gcode\test.nc
N498 X13.642 Y49.622
N499 G03 X13.863 Y50.367 I-7.672
N500 G00 Z2.
N501 X8.729 Y44.679
N502 G01 Z-2. F50.0
N503 G01 X5.9 Y41.851 Z-2.116 F100.0
N504 X8.729 Y44.679 Z-2.325
N505 X5.9 Y41.851 Z-2.535
N506 X8.729 Y44.679 Z-2.744
N507 X5.9 Y41.851 Z-2.953
N508 X8.729 Y44.679 Z-3.163
N509 X5.9 Y41.851 Z-3.372
N510 X8.729 Y44.679 Z-3.581
N511 X5.9 Y41.851 Z-3.791
N512 X8.729 Y44.679 Z-4.
N513 X5.1 Y41.05
N514 Y44.255
N515 G03 X8.555 Y44.617 I0.905 J8.04
N516 G00 Z2.
N517 X5. Y44.366
N518 G01 Z-4. F50.0
N519 G01 X5. Y19.843 Z-4. F100.0
N520 G02 X13.837 Y10.298 I0.999 J-7.
N521 G01 X32.163 Y8.885
Current Z: -2.32
ln 505 col 0
L'editor con il file G-Code processato.
10.005
mm
X: 16.853 Y: 2.876
Current layer: 0
Label1


gcEditor v 0.9.9.2
File Edit Text Tools Help
C:\ProgramData\SimplyCam 3\gcode\test.nc
N498 X13.642 Y49.622
N499 G03 X13.863 Y50.367 I-7.672 J2.
N500 G00 Z2.
N501 X8.729 Y44.679
N502 G01 Z-2. F50.0
N503 G01 X5.9 Y41.851 Z-2.116 F100.0
N504 X8.729 Y44.679 Z-2.325
N505 X5.9 Y41.851 Z-2.535
N506 X8.729 Y44.679 Z-2.744
N507 X5.9 Y41.851 Z-2.953
N508 X8.729 Y44.679 Z-3.163
N509 X5.9 Y41.851 Z-3.372
N510 X8.729 Y44.679 Z-3.581
N511 X5.9 Y41.851 Z-3.791
N512 X8.729 Y44.679 Z-4.
N513 X5.1 Y41.05
N514 Y44.255
N515 G03 X8.555 Y44.617 I0.905 J8.04
N516 G00 Z2.
N517 X5. Y44.366
N518 G01 Z-4. F50.0
N519 G01 X5. Y19.843 Z-4. F100.0
N520 G02 X13.837 Y10.298 I0.999 J-7.
N521 G01 X32.163 Y8.885
Current Z: -2.32
In 505 col 0
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
New
Undo
Anche dentro all'Editor è possibile simulare il file G-code in formato ISO.
X: 16.853 Y: 2.876
Current layer: 0
Label1

Percorso utensile Tasca creato con successo utilizando SimplyCam

Attenzione:

Le macchine a controllo numerico sono potenzialmente pericolose.
Il post-processore può generare codice non idoneo al controllo della macchina.
Controllare il file G-code prima di inviarlo alla macchina CNC.

gcEditor v 0.9.9.2

File Edit Tex

C:\ProgramData\

```
N498 X13.64
N499 G03 X1
N500 G00 Z2
N501 X8.729
N502 G01 Z-
N503 G01 X5.9 Y41.851 Z-2.116 F100.0
N504 X8.729 Y44.679 Z-2.325
N505 X5.9 Y41.851 Z-2.535
N506 X8.729 Y44.679 Z-2.744
N507 X5.9 Y41.851 Z-2.953
N508 X8.729 Y44.679 Z-3.163
N509 X5.9 Y41.851 Z-3.372
N510 X8.729 Y44.679 Z-3.581
N511 X5.9 Y41.851 Z-3.791
N512 X8.729 Y44.679 Z-4.
N513 X5.1 Y41.05
```

Current Z: -2.32

In 505 col 0

New Undo Front Side Iso

10.005 mm

X: 16.853 Y: 2.876

Current layer: 0 Label1