



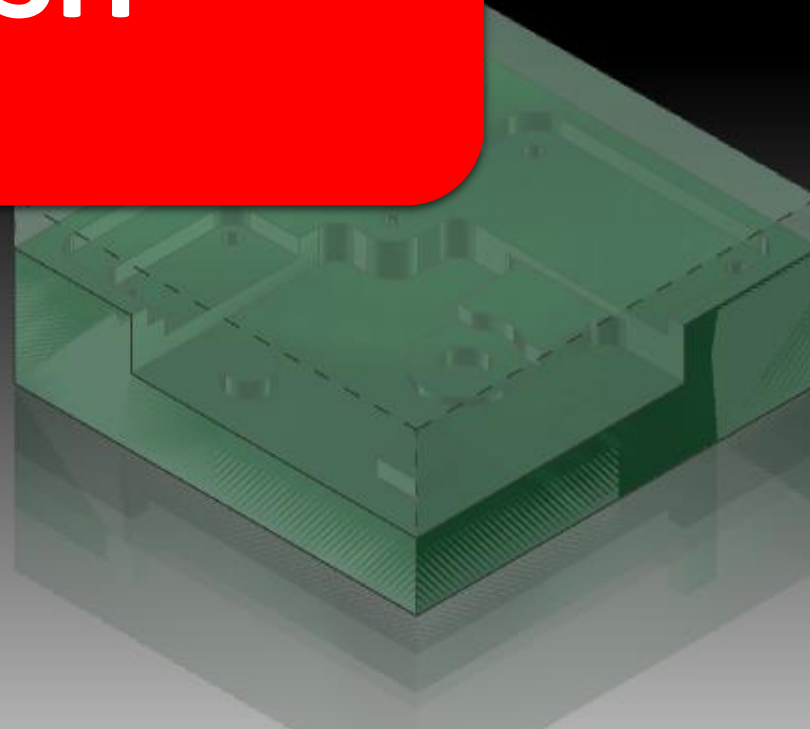
PLM Software

SIEMENS

NX

MILL FINISH

Edgard Gonçalves Cardoso
www.professoredgard.com



NX 12 - Manufacturing SIEMENS

File Home Assemblies Curve Analysis View Render Tools Application Find a Command

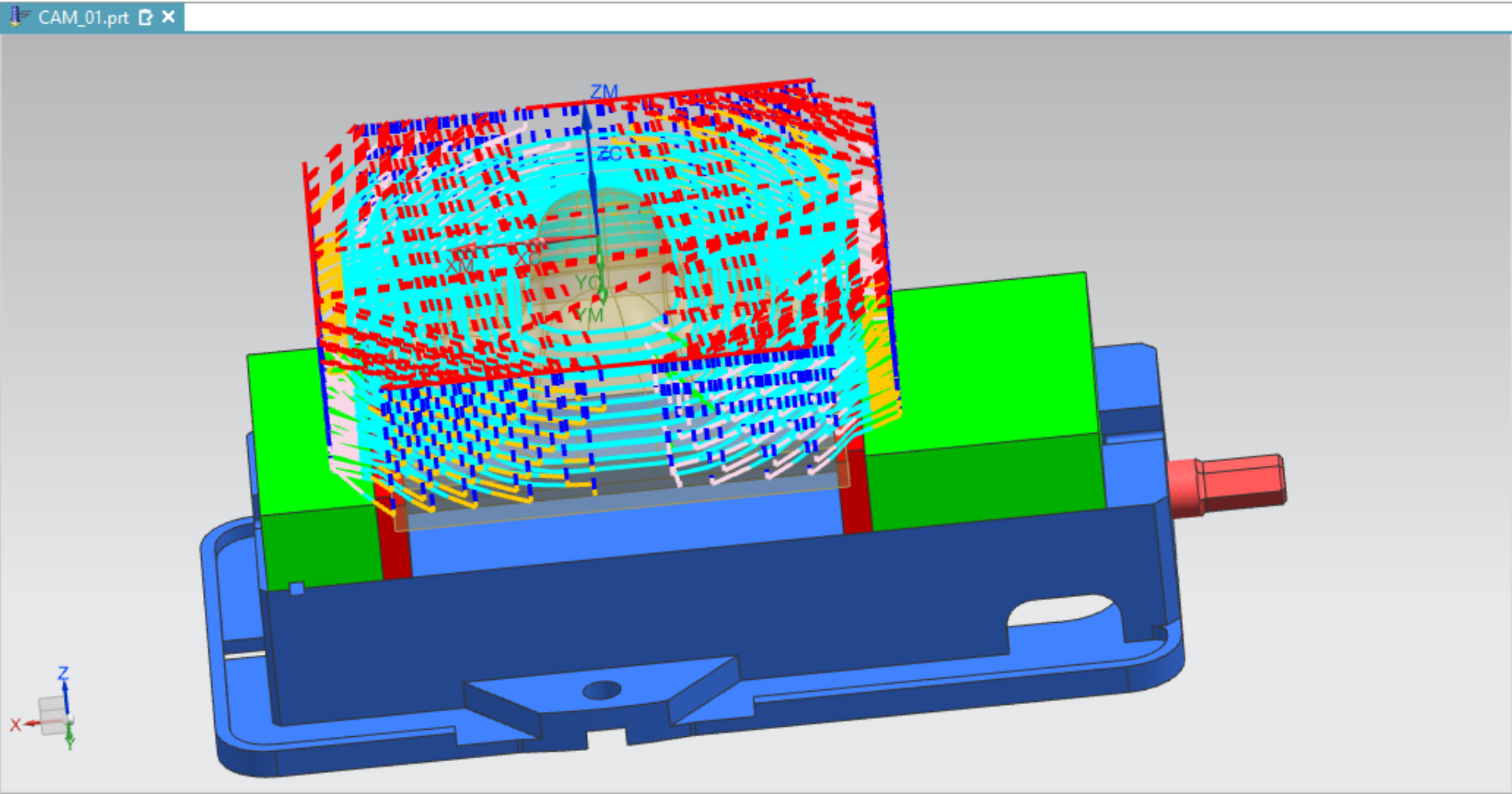
Create Tool Create Geometry Create Operation Properties Generate Tool Path Verify Tool Path Simulate Machine Post Process Shop Documentation More Display Animation Workpiece Analysis Geometry Synchronous Modeling Feature Tools

Menu No Selection Filter Entire Assembly Speed: 5 Show 3D IPW

Operation Navigator - Geometry

Name	Path	Tool
GEOMETRY		
Unused Items		
MCS_MILL		
WORKPIECE		
WORKPIECE_1		
DESBASTE	✓	FRES

Dependencies Details



GOTO/-124.453,65.153,-2.800

1

Feed Rate 0.000000

Replay 3D Dynamic

Tool Display: Tool

Tool Path: None

Number of Motions: 10

IPW Resolution: Medium

Display Options

Enhance IPW Resolution

IPW: None

Create Delete

Analyze

Show 3D Show Spinning 3D

Check for IPW Collisions

Check Tool and Holder

Collision Settings List

Reset

Suppress Animation

Animation Speed: 10

OK Cancel

View Render Tools Application

Find a Command

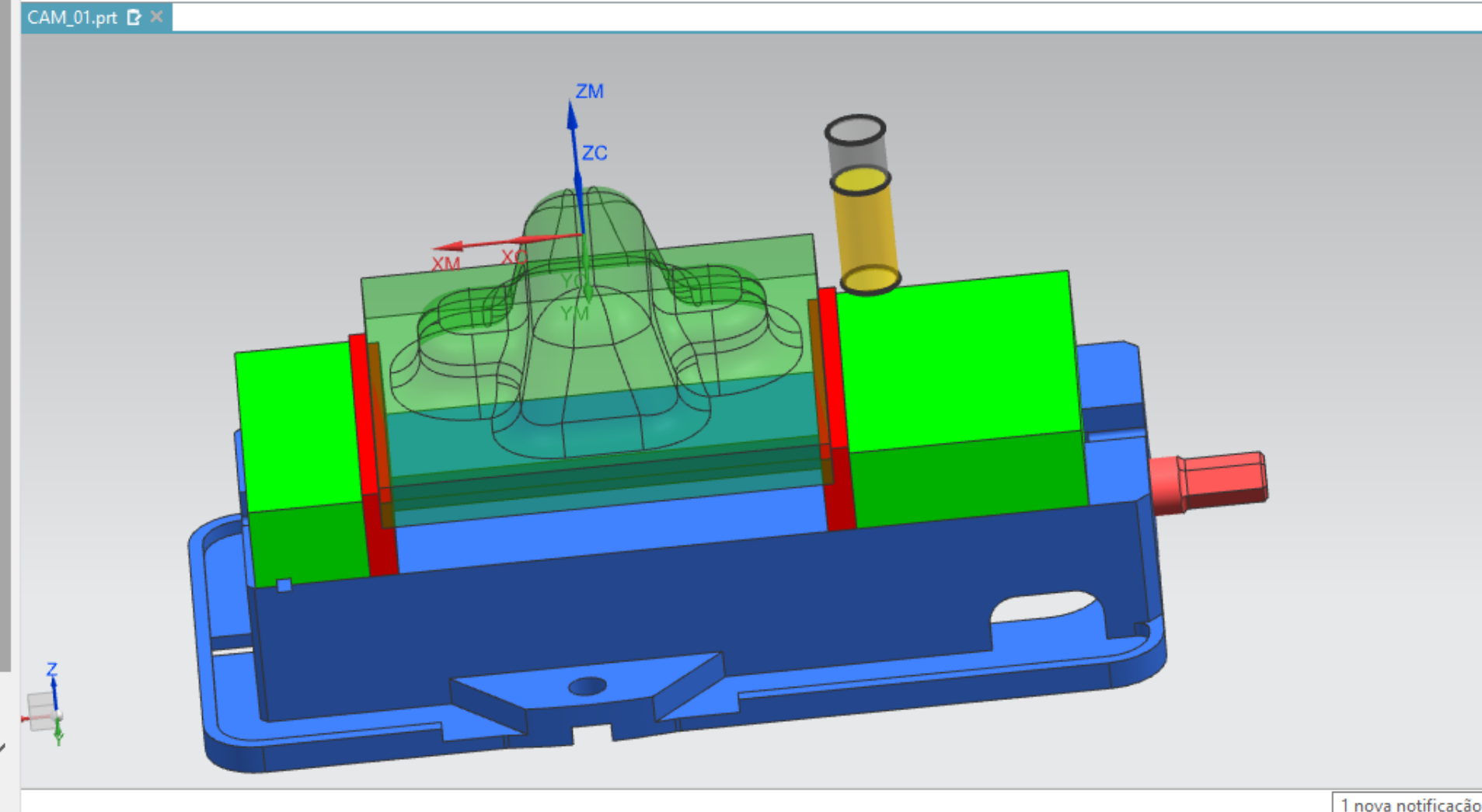
Verify of Path Simulate Machine Post Process Shop Documentation More

Operations Display Animation Workpiece

Speed: 5

Show 3D IPW Analysis Geometry Synchronous Modeling Feature Tools

Entire Assembly



File 272

1 272

Feed Rate (MMPM) 250.000000

Replay 3D Dynamic

Tool Display Tool

Tool Path None

Number of Motions 10

IPW Resolution Medium

Display Options

Enhance IPW Resolution

IPW None

Create Delete

Analyze

Show 3D Show Spinning 3D

Check for IPW Collisions

Check Tool and Holder

Collision Settings List

Reset

Suppress Animation

Animation Speed

1 10

1 10

OK Cancel

View Render Tools Application

Find a Command

Verify of Path Simulate Machine Post Process Shop Documentation More

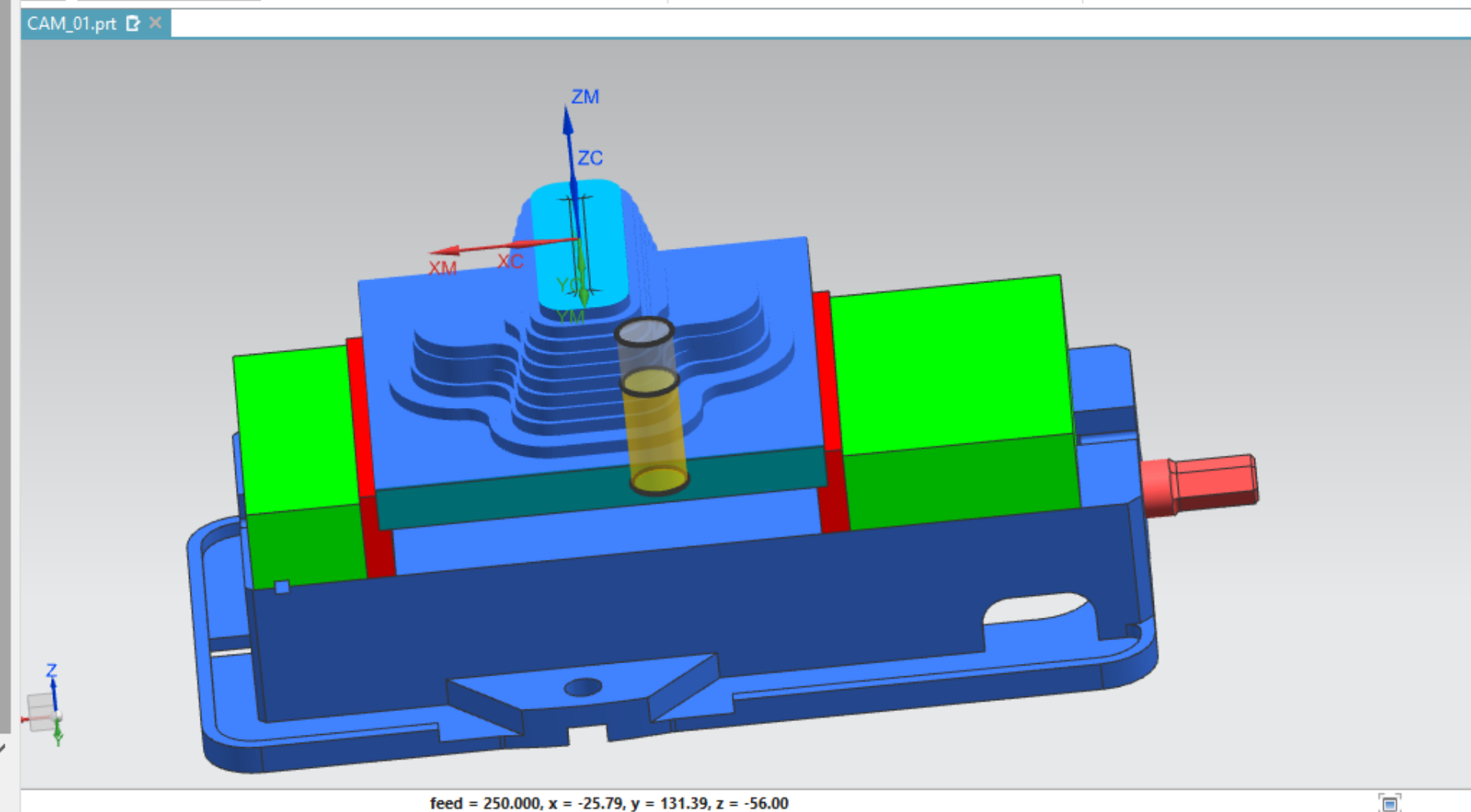
Operations Display Animation Workpiece

Speed 5

Show 3D IPW

Analysis Geometry Synchronous Modeling Feature Tools

Entire Assembly



File Edit View Window

272 272

1

Feed Rate (MMPM) 250.000000

Replay 3D Dynamic

Tool Display Tool

Tool Path None

Number of Motions 10

IPW Resolution Medium

Display Options

Enhance IPW Resolution

IPW None

Create Delete

Analyze

Show 3D Show Spinning 3D

Check for IPW Collisions

Check Tool and Holder

Collision Settings List

Reset

Suppress Animation

Animation Speed

1 10

1

OK Cancel

View Render Tools Application

Find a Command

Verify of Path Simulate Machine Post Process Shop Documentation More

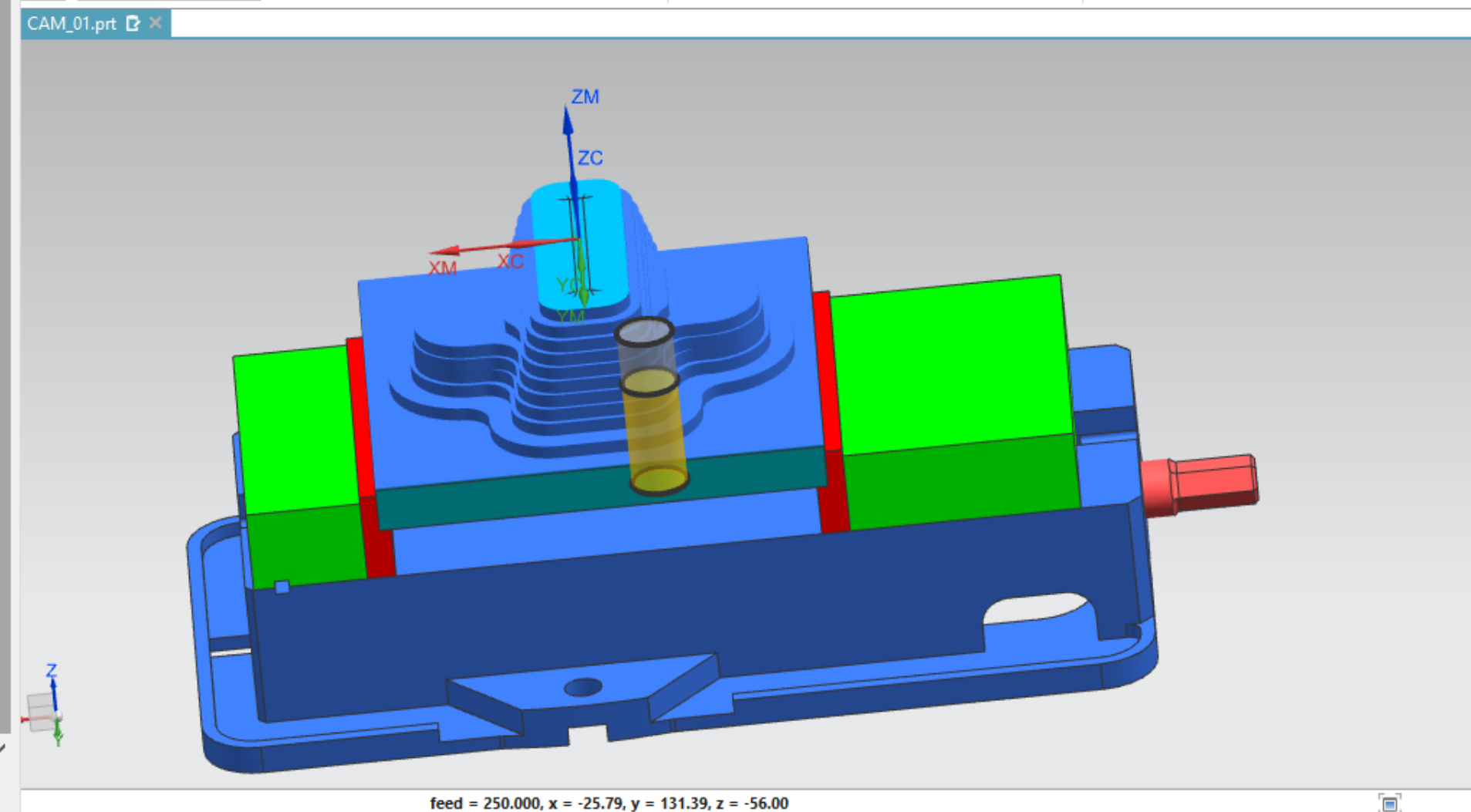
Operations

Display

Animation Speed 5

Workpiece Show 3D IPW Analysis Geometry Synchronous Modeling Feature Tools

Entire Assembly



File 272

1 272

Feed Rate (MMPM) 250.000000

Replay 3D Dynamic

Tool Display Tool

Tool Path None

Number of Motions 10

IPW Resolution Medium

Display Options

Enhance IPW Resolution

IPW None

Create Delete

Analyze

Show 3D Show Spinning 3D

Check for IPW Collisions

Check Tool and Holder

Collision Settings List

Reset

Suppress Animation

Animation Speed

1 10

1 10

OK Cancel

View Render Tools Application

Find a Command

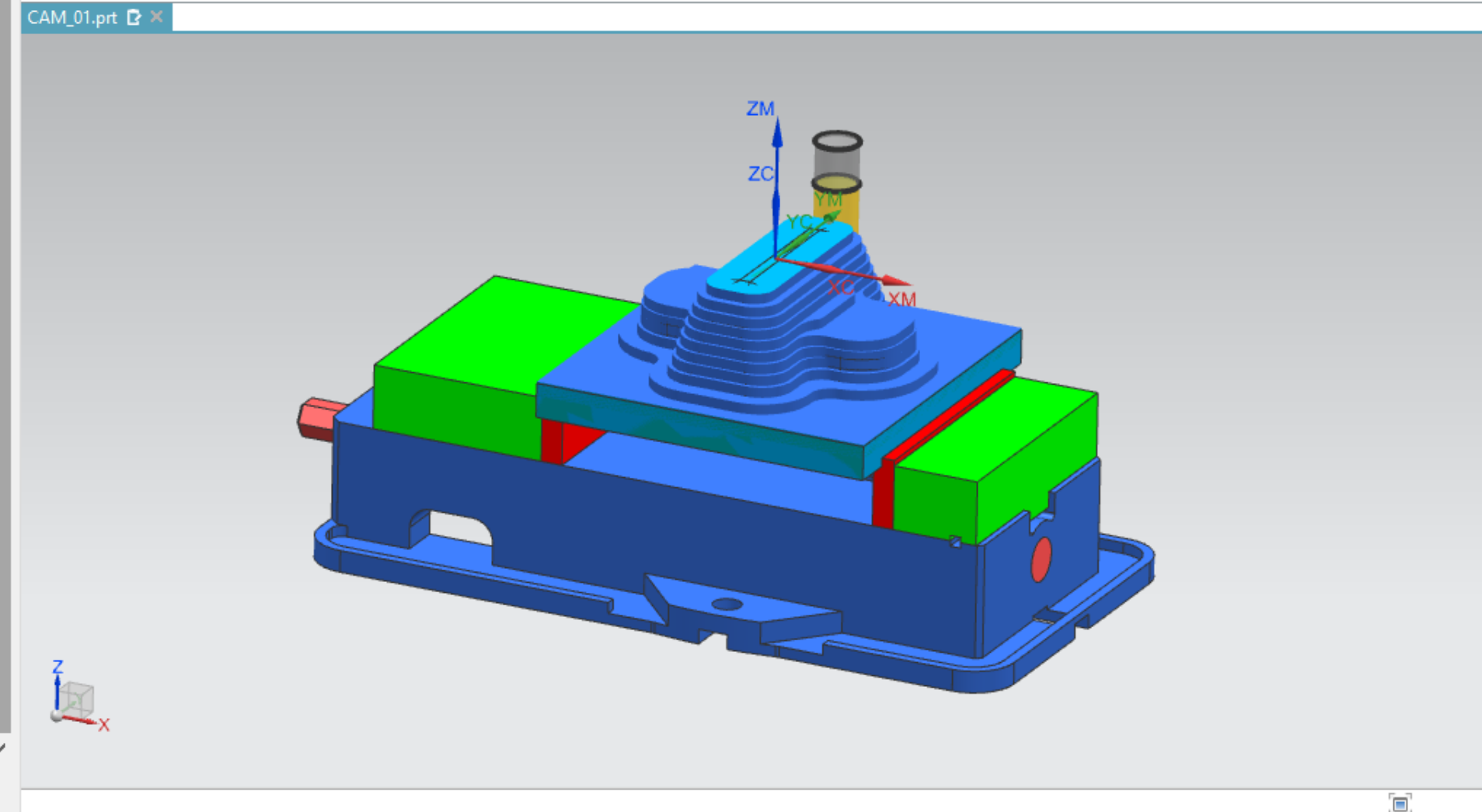
Verify of Path Simulate Machine Post Process Shop Documentation More

Operations Display Animation Workpiece

Speed 5

Show 3D IPW Analysis Geometry Synchronous Modeling Feature Tools

Entire Assembly



NX 12 - Manufacturing SIEMENS

File Home Assemblies Curve Analysis View Render Tools Application Find a Command

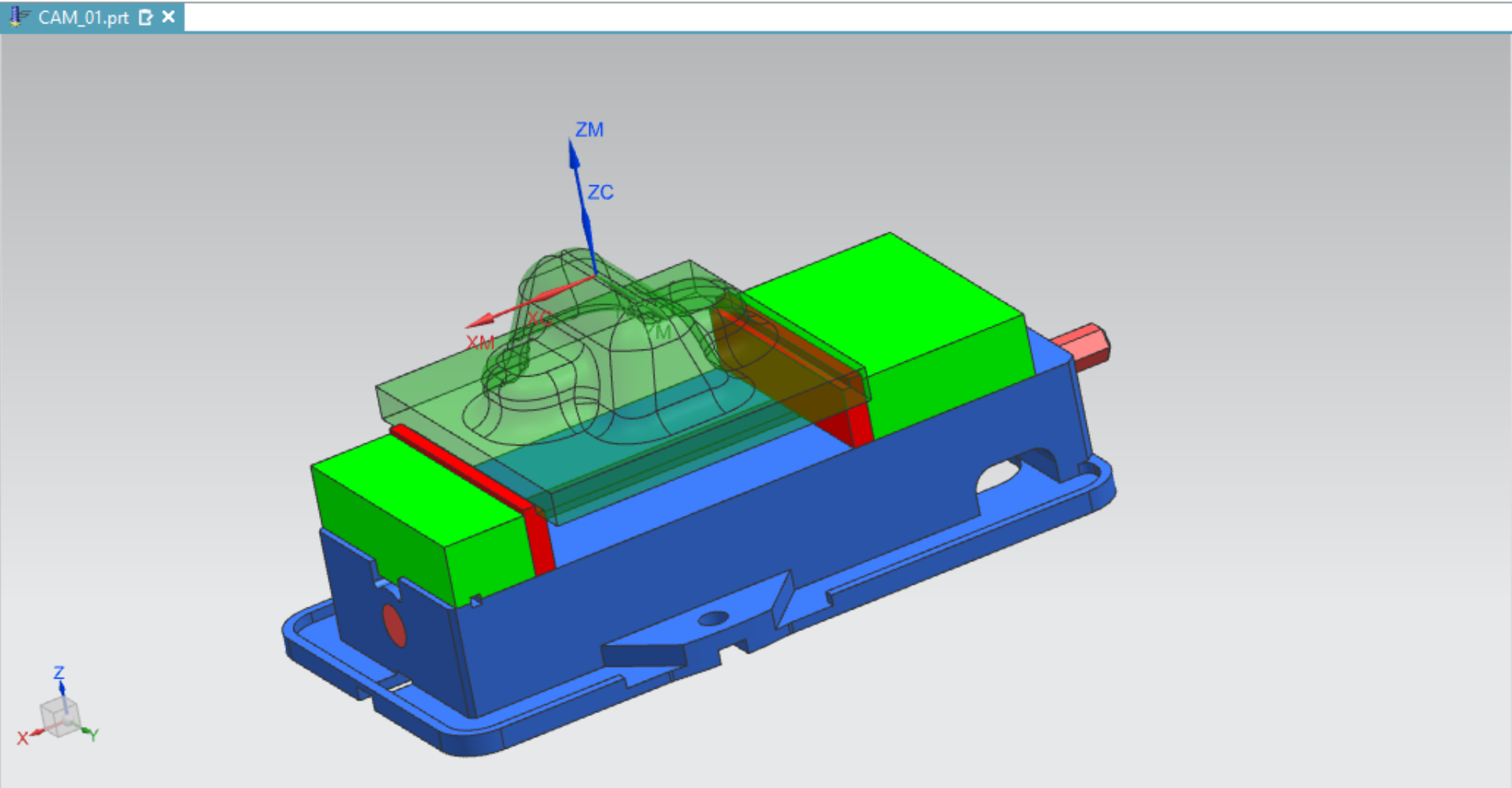
Create Tool Create Geometry Create Operation Properties Generate Tool Path Verify Tool Path Simulate Machine Post Process Shop Documentation More Display Animation Workpiece Analysis Geometry Synchronous Modeling Feature Tools

Menu No Selection Filter Entire Assembly Speed: 5

Operation Navigator - Geometry

Name	Path	Tool
GEOMETRY		
Unused Items		
MCS_MILL		
WORKPIECE		
WORKPIECE_1		
DESBASTE	✓	FRESA

Dependencies ▼
Details ▼



File Home Assemblies Curve Analysis View Render Tools Application
Find a Command

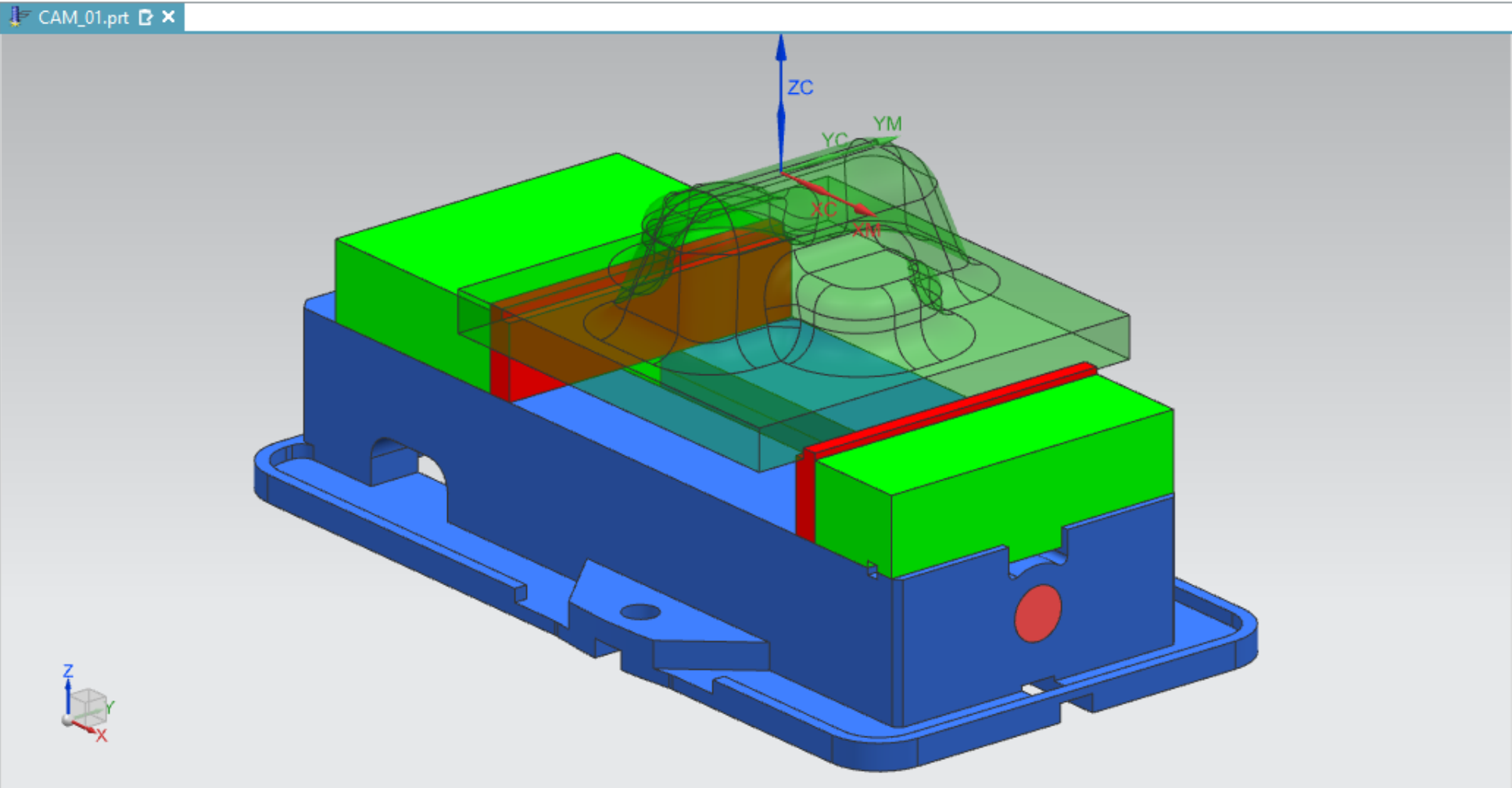
Create Tool Create Geometry Create Operation
Properties Generate Tool Path Verify Tool Path Simulate Machine Post Process Shop Documentation More
Display Animation Workpiece Analysis Geometry Synchronous Modeling Feature Tools

Menu No Selection Filter Entire Assembly
Speed: 5

Operation Navigator - Geometry

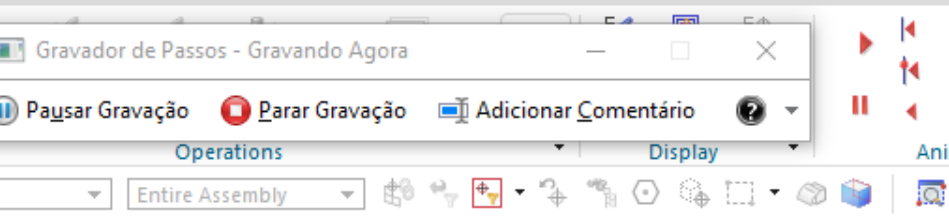
Name	Path	Tool
GEOMETRY		
Unused Items		
MCS_MILL		
WORKPIECE		
WORKPIECE_1		
DESBASTE	✓	FRESA

[Dependencies](#) ▼
[Details](#) ▼



Gravador de Passos - Gravando Agora

Operations Display



Cutting Parameters

Strategy | Stock | Corners

Connections | Containment | More

Blank

Trim by: None

In Process Workpiece: Use Level Based

Minimum Material Removed: 0.0000

Collision Checking

Check Tool and Holder

Suppress Path if Less Than Minimum

Small Area Avoidance

Small Closed Areas: Cut

Reference Tool

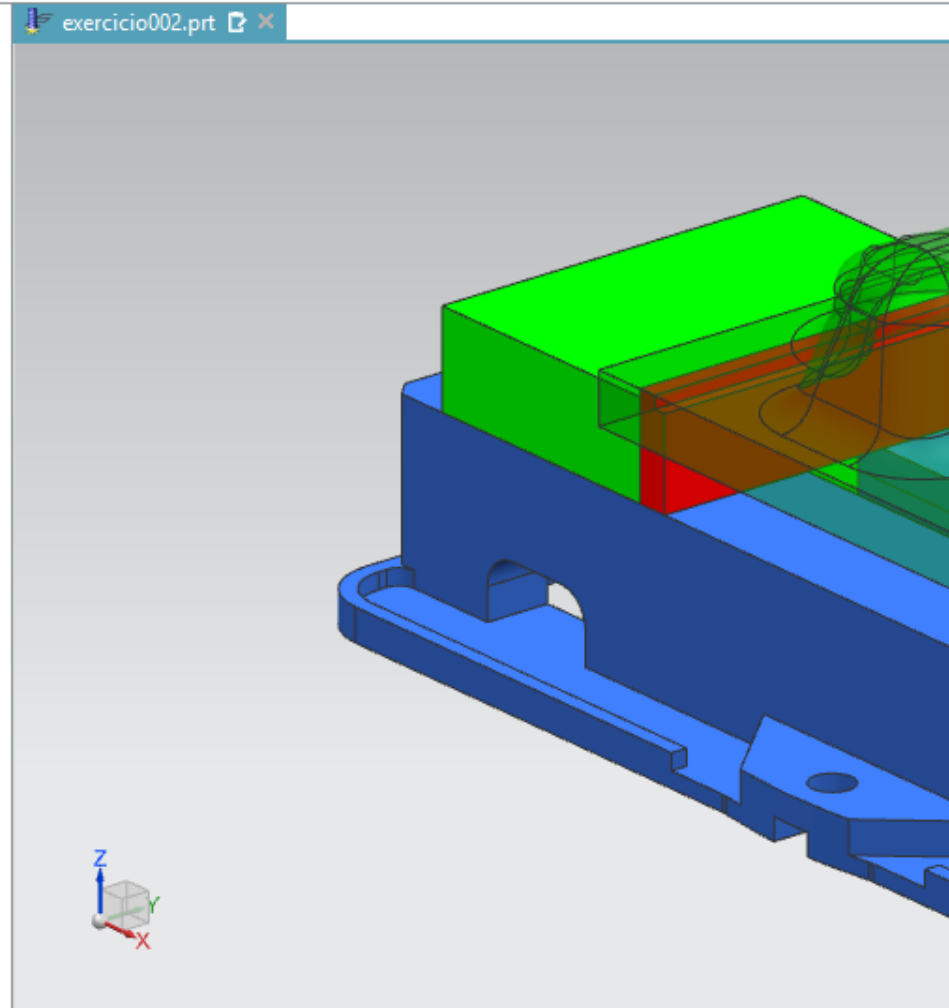
Overlap Distance: 0.0000

OK Cancel

Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
Unused Items		
FRESA_25		
✓ DESBASTE	✓	FRESA
FRESA_16		
✗ REDESABASTE	✗	FRESA

Dependencies Details



NX 12 - Manufacturing

File Home Assemblies Curve Analysis View Render Tools Application

Gravador de Passos - Gravando Agora

Pausar Gravação Parar Gravação Adicionar Comentário

Speed 5

Show 3D IPW

Analysis Geometry Synchronous Modeling Feature Tools

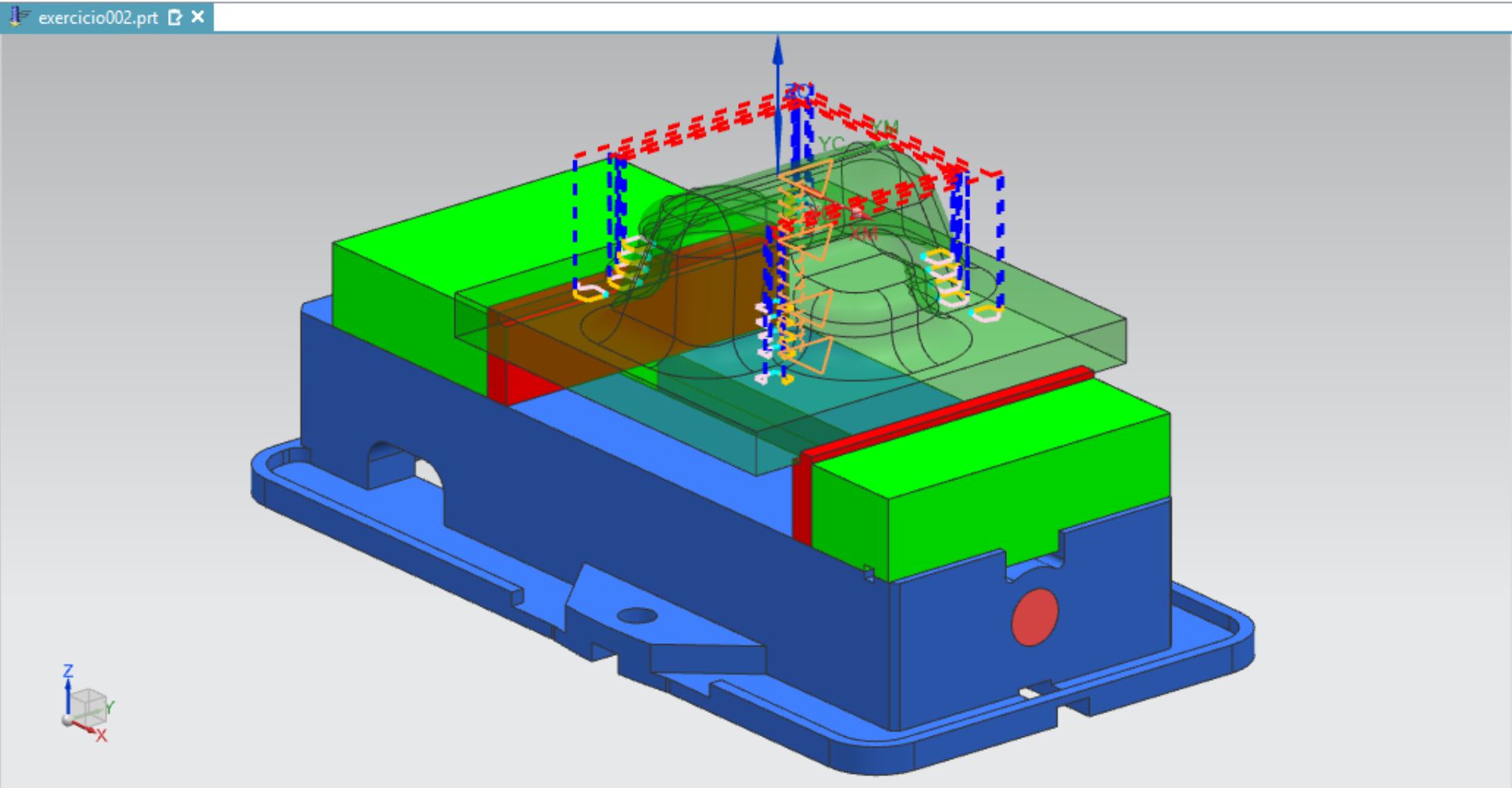
No Selection Filter Entire Assembly

Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
Unused Items		
FRESA_25		
DESBASTE	✓	FRESA
FRESA_16		
REDESBASTE	✓	FRESA

Dependencies

Details



SIEMENS NX 12 - Manufacturing

File Home Assemblies Curve Analysis View Render Tools Application

Find a Command

Gravador de Passos - Gravando Agora

Pausar Gravação Parar Gravação Adicionar Comentário

Speed 5

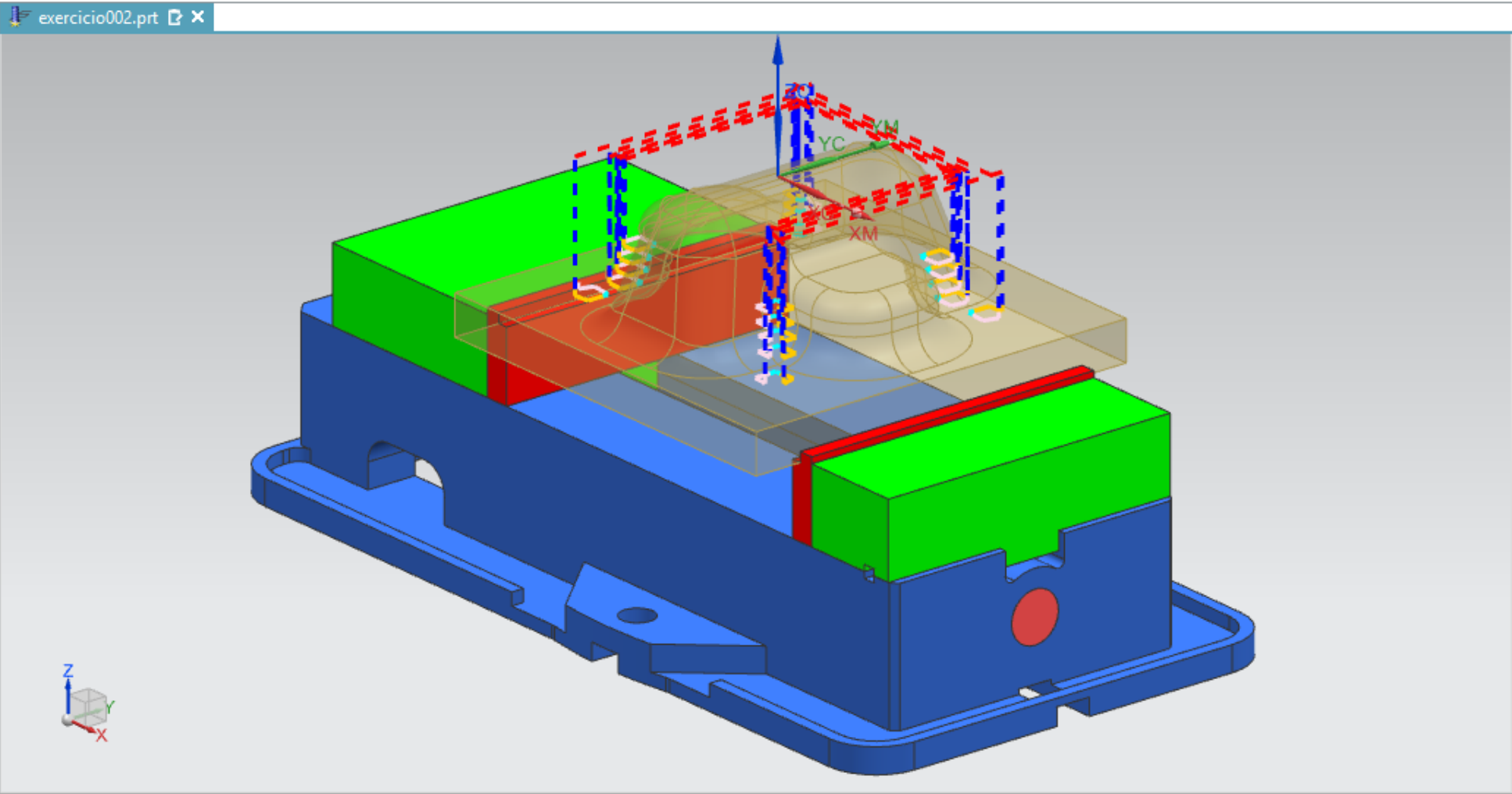
Animation Workpiece Analysis Geometry Synchronous Modeling Feature Tools

Menu No Selection Filter Entire Assembly

Operation Navigator - Machining Method

Name	Path	Tool
METHOD		
Unused Items		
MILL_ROUGH		
DESABASTE	✓	FRESA
MILL_SEMI_FINISH		
REDESABASTE	✓	FRESA
MILL_FINISH		
DRILL_METHOD		

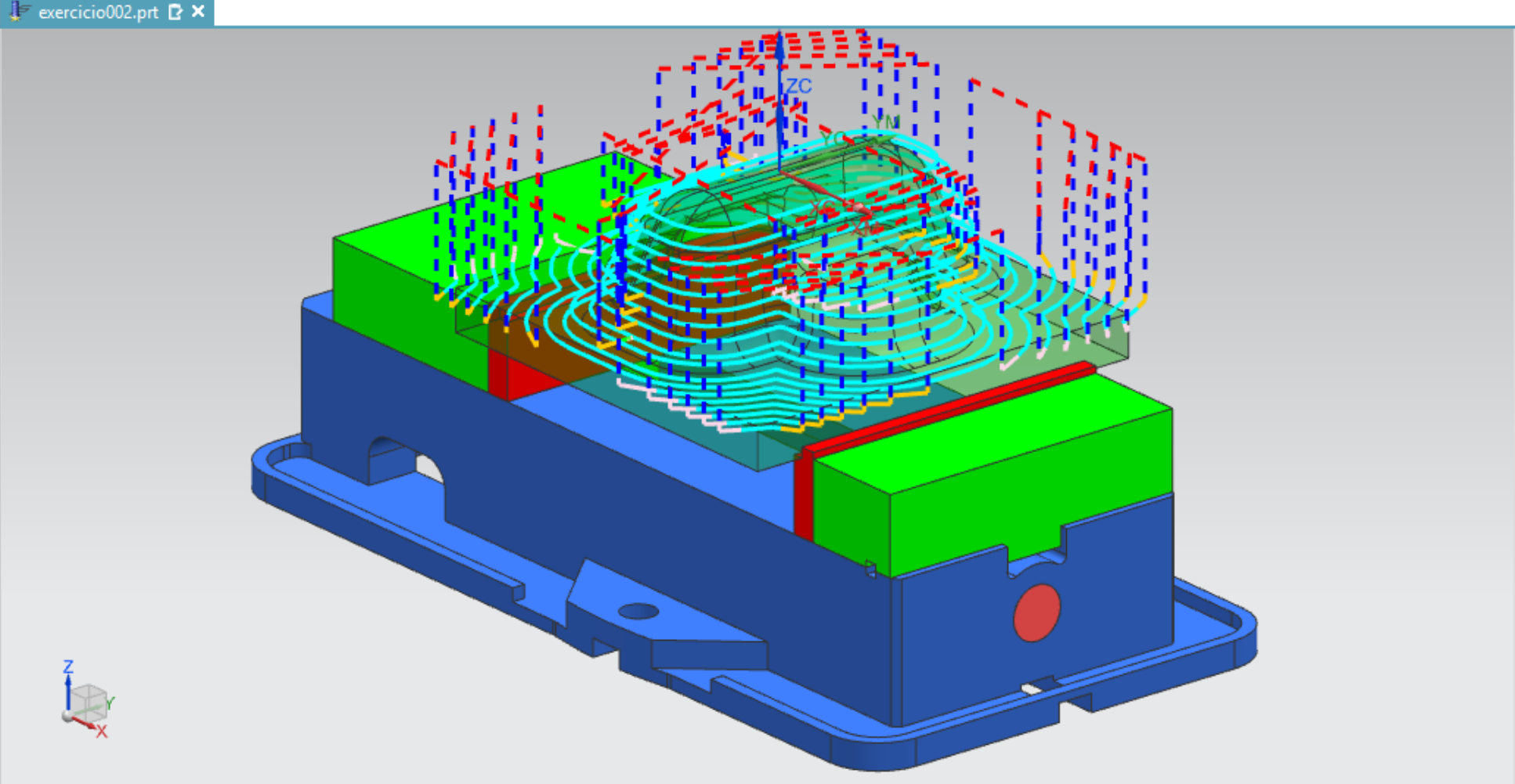
Dependencies Details



Operation Navigator - Machining Method

Name	Path	Tool
METHOD		
Unused Items		
MILL_ROUGH		
✓ DESBASTE	✓	FRESA
MILL_SEMI_FINISH		
! REDESBASTE	✓	FRESA
MILL_FINISH		
DRILL_METHOD		

[Dependencies](#) ▼
[Details](#) ▼



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File Home Assemblies Curve Analysis View Render Tools Application

Find a Command

Speed 5

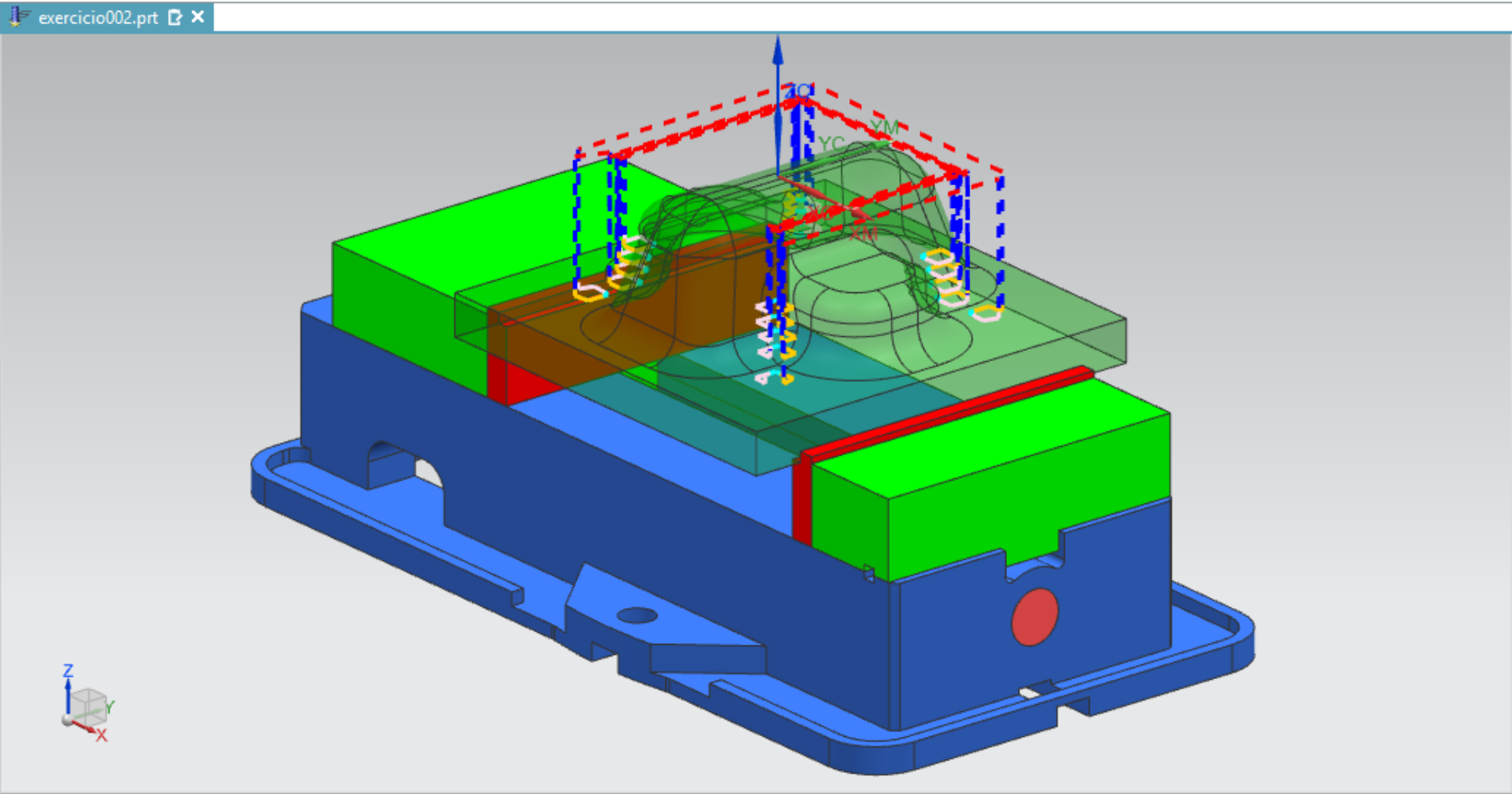
Show 3D IPW

Analysis Geometry Synchronous Modeling Feature Tools

Menu No Selection Filter Entire Assembly

Operation Navigator - Machining Method

Name	Path	Tool
METHOD		
Unused Items		
MILL_ROUGH		
✓ DESBASTE	✓	FRESA
! REDESABASTE	✓	FRESA
MILL_SEMI_FINISH		
MILL_FINISH		
DRILL_METHOD		
Dependencies		
Details		



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File Home Assemblies Curve Analysis View Render Tools Application

Find a Command

Speed 5

Show 3D IPW

Analysis Geometry Synchronous Modeling Feature Tools

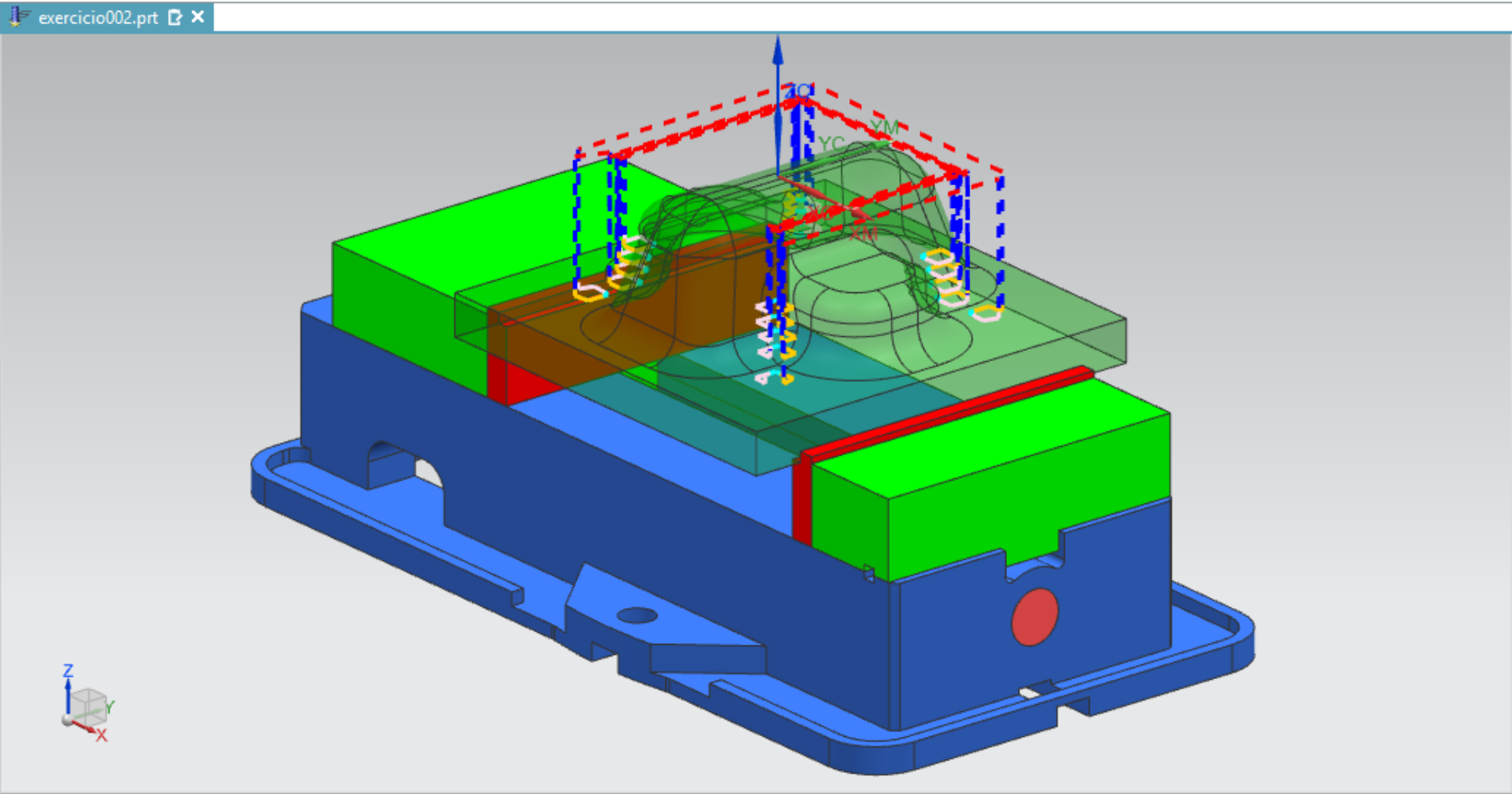
Menu No Selection Filter Entire Assembly

Operation Navigator - Geometry

Name	Path	Tool
GEOMETRY		
Unused Items		
MCS_MILL		
WORKPIECE		
WORKPIECE_1		
DESABASTE	✓	FRESA
REDESABASTE	✓	FRESA

Dependencies

Details



File Home Assemblies Curve Analysis View Render Tools Application

Find a Command

Create Tool Create Geometry Create Operation Properties Generate Tool Path Verify Tool Path Simulate Machine Post Process Shop Documentation More

Insert Actions Operations Display Animation Workpiece Analysis Geometry Synchronous Modeling Feature Tools

Menu No Selection Filter Entire Assembly

File

Edit

View

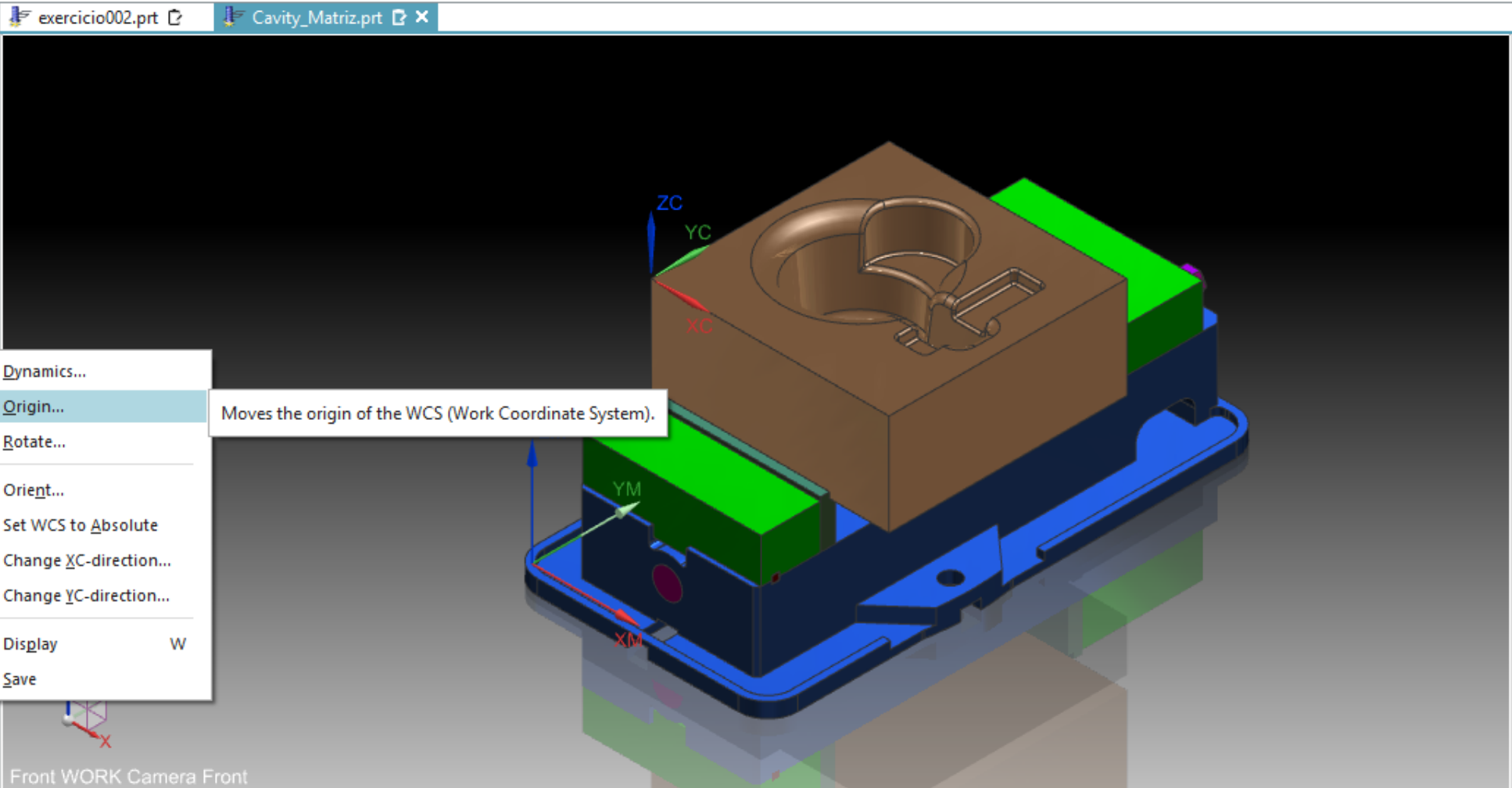
Insert

Format

- Layer Settings... Ctrl+L
- Layer Visible in View...
- Layer Category...
- Move to Layer...
- Copy to Layer...
- WCS
 - Dynamics...
 - Origin... Moves the origin of the WCS (Work Coordinate System).
 - Rotate...
 - Orient...
 - Set WCS to Absolute
 - Change XC-direction...
 - Change YC-direction...
 - Display W
 - Save
- MCS Display
- Reference Sets...
- Group
- Parts List Levels...

Dependencies

Details



Edit objects in the Operation Navigator or use Insert to create new objects

Application toolbars: Create Tool, Create Geometry, Create Operation, Properties, Generate Tool Path, Display, Animation, Workpiece, Analysis, Geometry, Synchronous Modeling, Feature, Tools.

Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
... Unused Items		

Dependencies

Details

Point

Point on Face

Face

- Select Object (1) []

Location on Face

U Parameter: 0.5

V Parameter: 0.5

Output Coordinates

Reference: WCS

XC: 101.600000001 mm

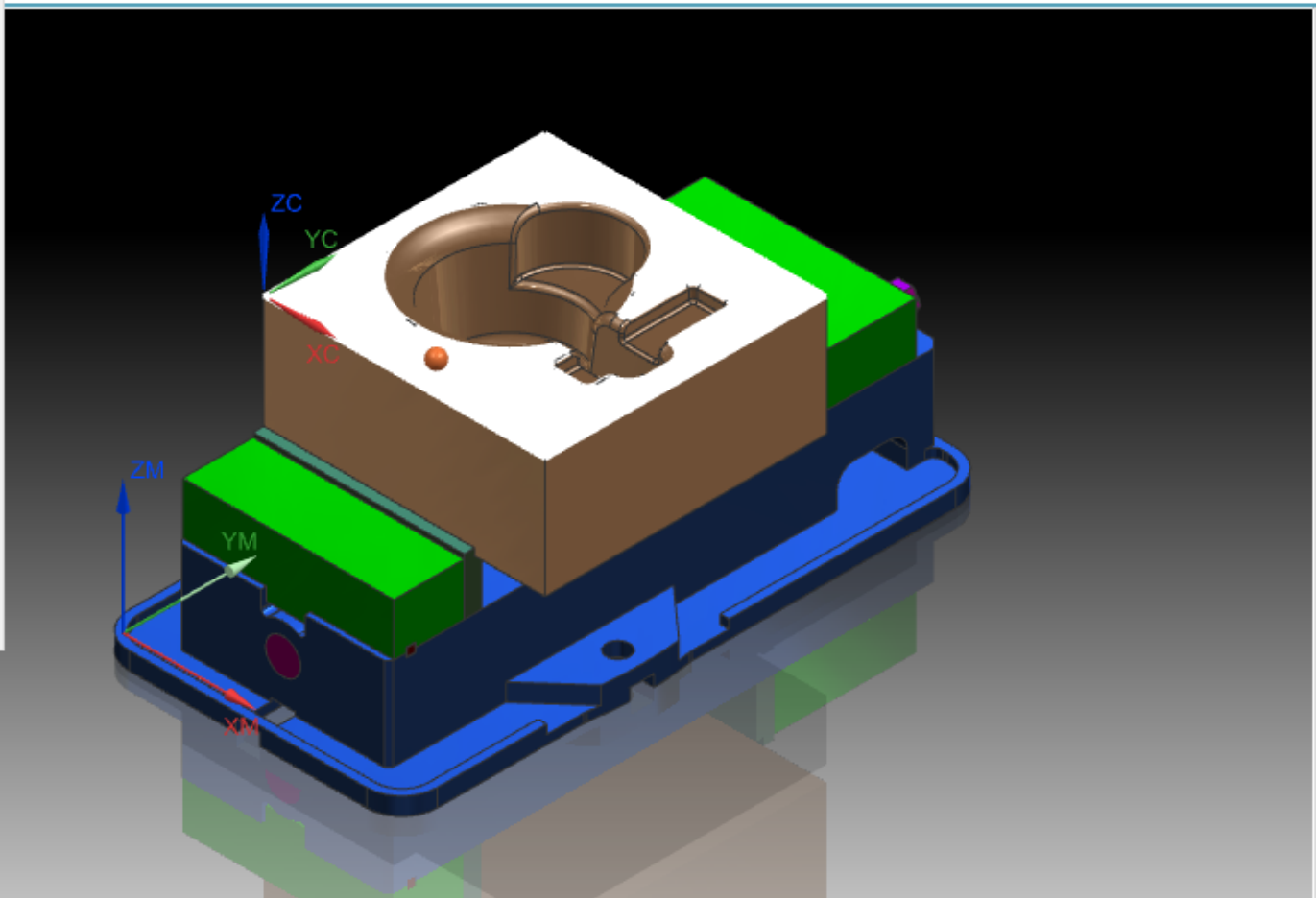
YC: 23.0752950971 mm

ZC: 0.00000000001 mm

Offset

Offset Option: None

OK Cancel



Specify surface parameter percentages Non-associative point on surface specified

File Home Assemblies Curve Analysis View Render Tools Application

Find a Command

Create Tool Create Geometry Create Operation Properties Generate Tool Path Verify Tool Path Simulate Machine Post Process Shop Documentation More

Insert Actions Operations Display Animation Workpiece Analysis Geometry Synchronous Modeling Feature Tools

Menu No Selection Filter Entire Assembly

File

Edit

View

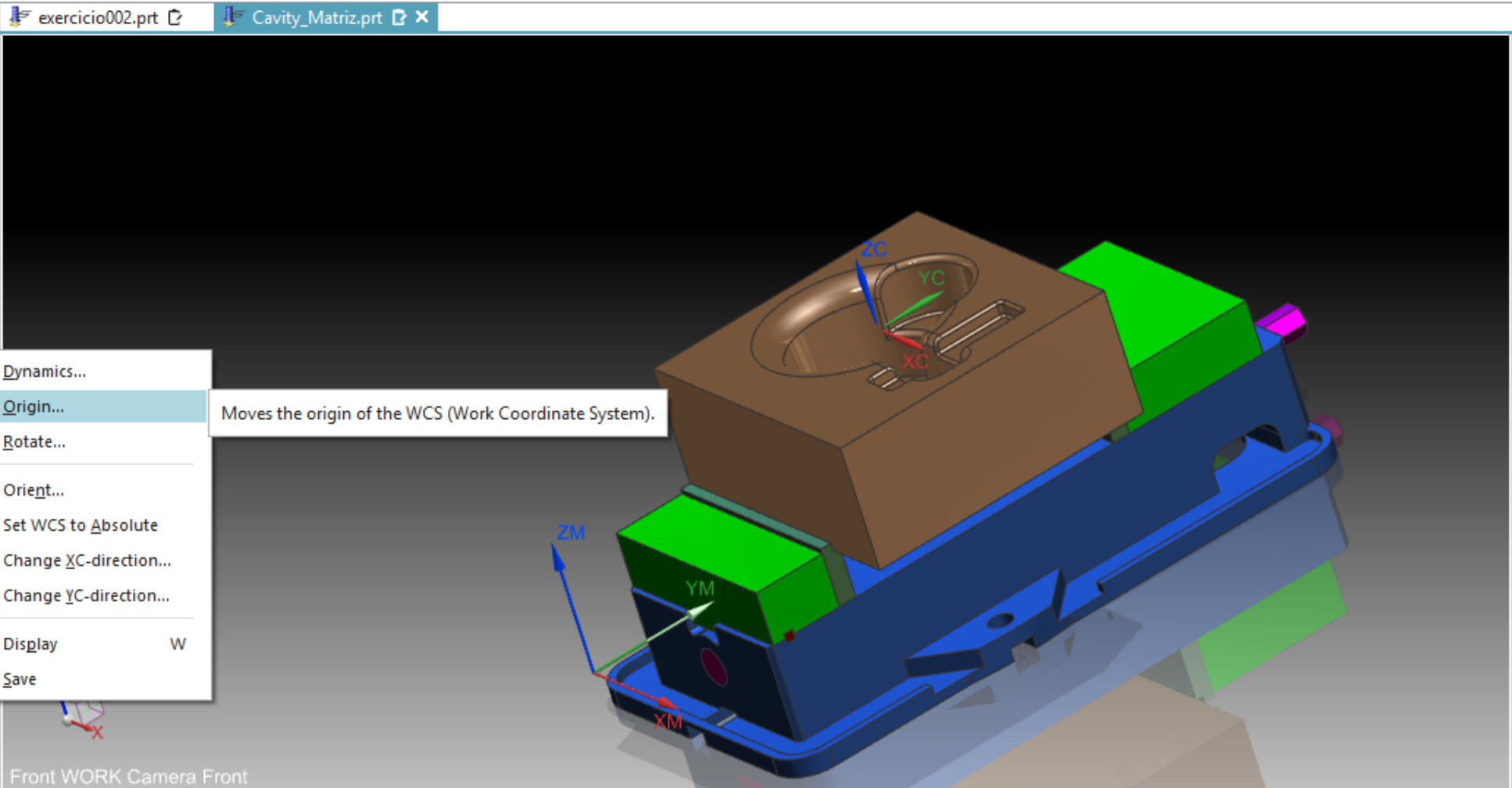
Insert

Format

- Layer Settings... Ctrl+L
- Layer Visible in View...
- Layer Category...
- Move to Layer...
- Copy to Layer...
- WCS
 - Dynamics...
 - Origin... Moves the origin of the WCS (Work Coordinate System).
 - Rotate...
 - Orient...
 - Set WCS to Absolute
 - Change XC-direction...
 - Change YC-direction...
 - Display W
 - Save
- MCS Display
- Reference Sets...
- Group
- Parts List Levels...

Dependencies

Details



Edit objects in the Operation Navigator or use Insert to create new objects

Create Tool
 Create Geometry
 Create Operation
 Properties
 Generate Tool Path

CSYS
 Dynamic
 Reference CSYS
 Reference: Absolute - Displayed
 Manipulator
 Specify Orientation

Display
 Animation
 Speed: 5
 Workpiece
 Show 3D IPW
 Analysis
 Geometry
 Synchronous Modeling
 Feature
 Tools

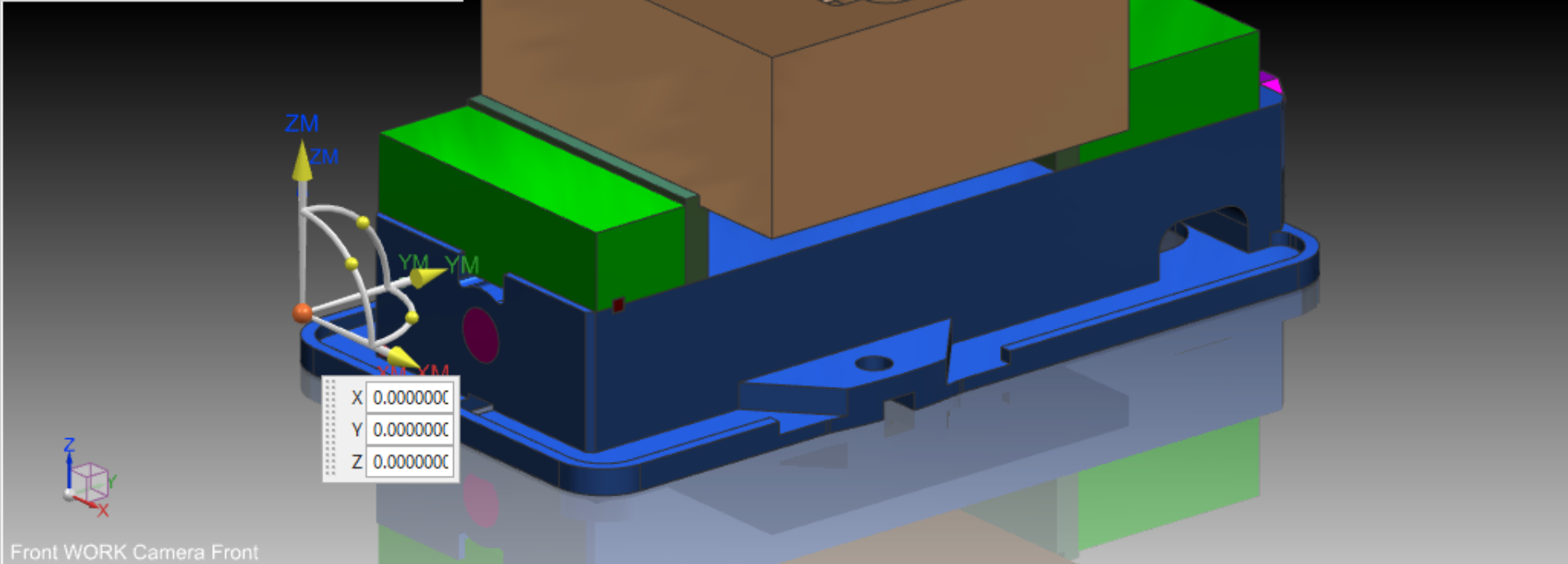
Menu

Operation Navigator - Geometry

Name	Path	Tool
GEOMETRY		
Unused Items		
MCS_MILL		
WORKPIECE		

Dependencies
 Details

OK
 Cancel



Drag a handle or select a handle for direct entry; use Alt key to turn off snapping

Translate origin

Insert Actions

Create Tool
Create Geometry
Create Operation

Properties
Generate Tool Path

CSYS

Dynamic

Display Animation Workpiece

Speed 5

Show 3D IPW

Analysis Geometry Synchronous Modeling Feature Tools

Menu

Reference CSYS

Reference

- Absolute - Displayed F
- WCS
- Absolute - Displayed Part
- Selected CSYS

Manipulator

Specify Orientation

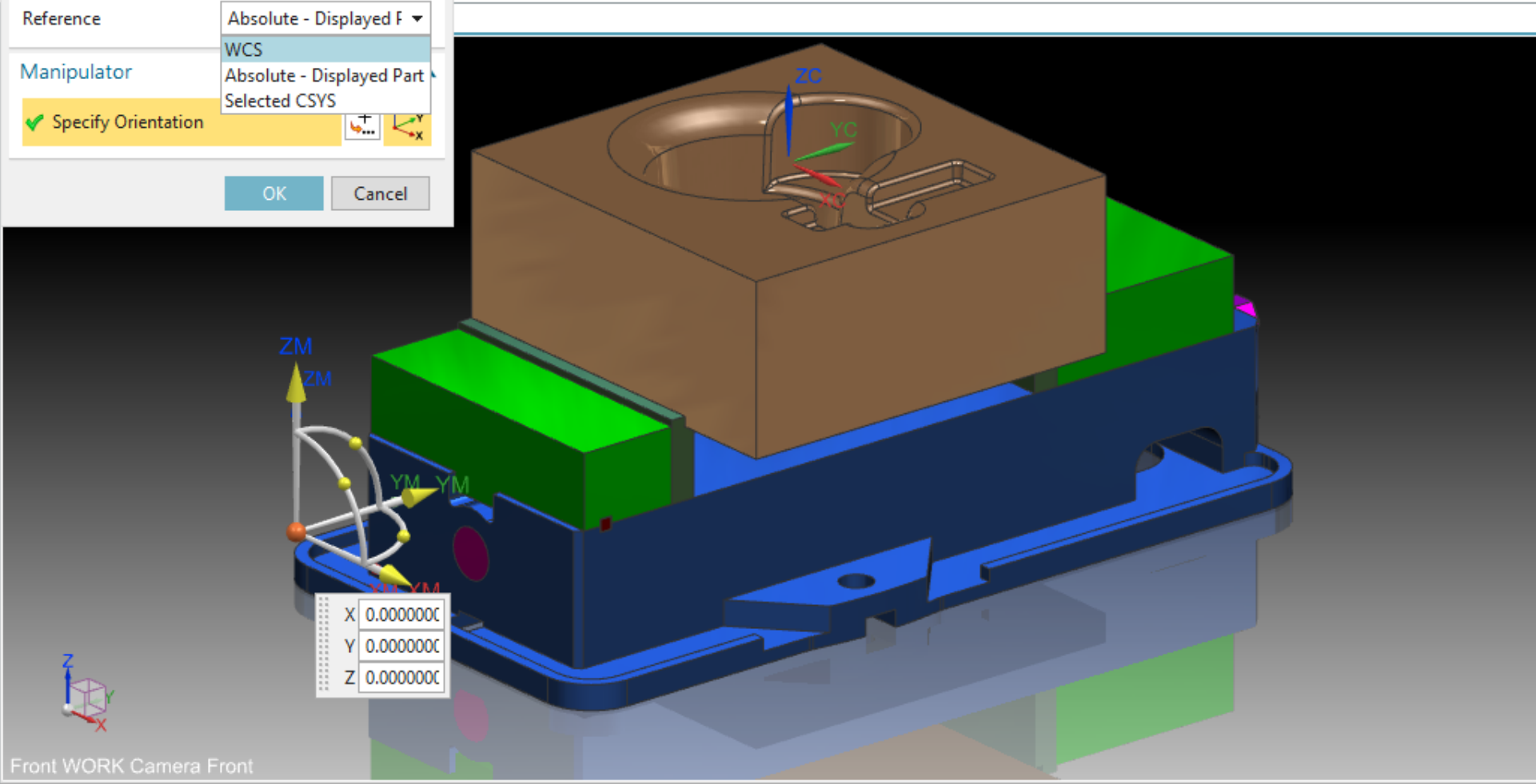
OK Cancel

Operation Navigator - Geometry

Name	Path	Tool
GEOMETRY		
Unused Items		
MCS_MILL		
WORKPIECE		

Dependencies

Details



SIEMENS NX 12 - Manufacturing

File Home Assemblies Curve Analysis View Render Tools Application

Find a Command

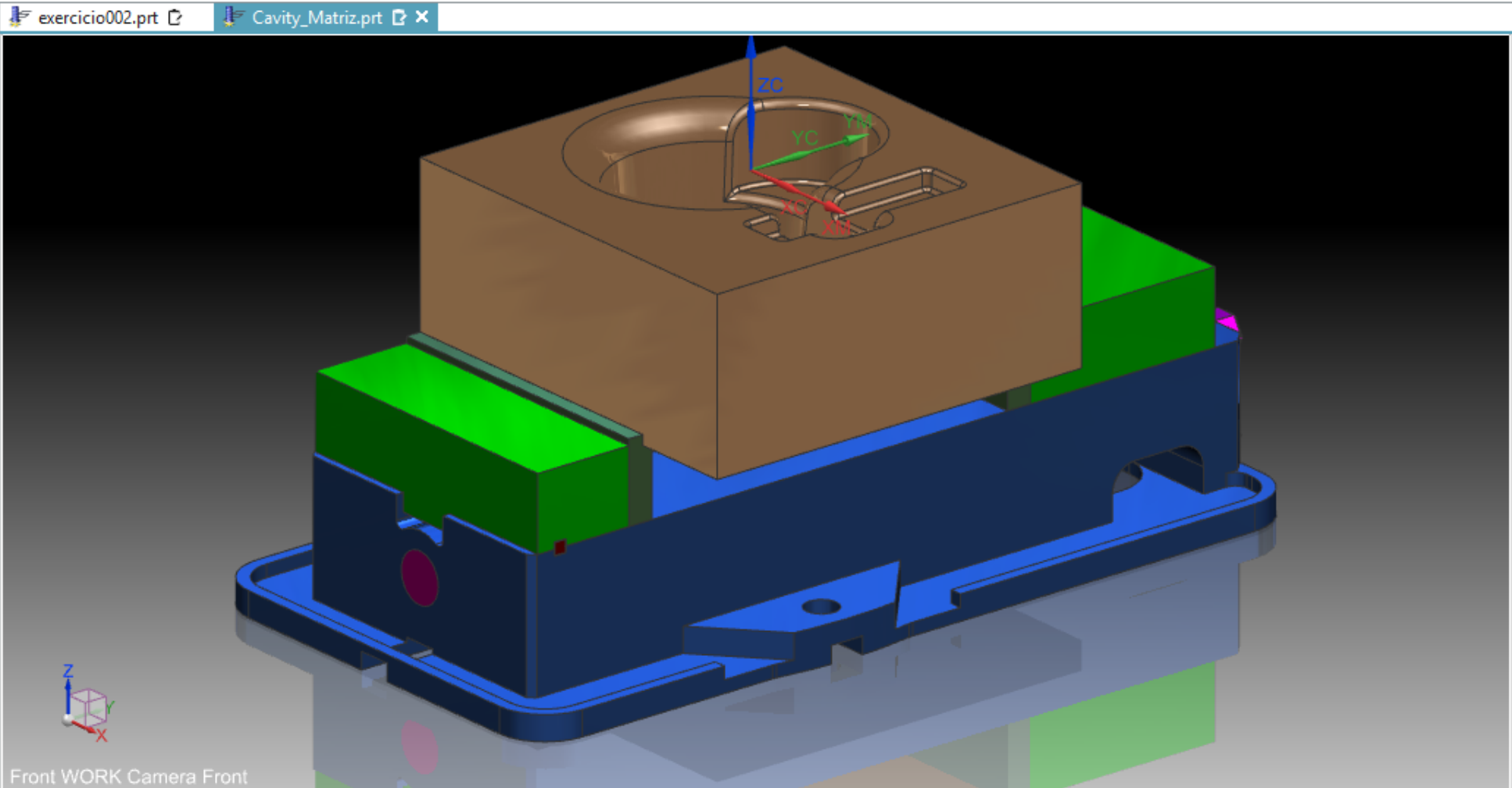
Create Tool Create Geometry Create Operation Properties Generate Tool Path Verify Tool Path Simulate Machine Post Process Shop Documentation More Display Animation Workpiece Analysis Geometry Synchronous Modeling Feature Tools

Menu No Selection Filter Entire Assembly

Operation Navigator - Geometry

Name	Path	Tool
GEOMETRY		
Unused Items		
MCS_MILL		
WORKPIECE		

Dependencies Details



File Home Assemblies Curve Analysis

Create Tool Create Geometry Create Operation Properties Generate Tool Path

Insert Actions

Menu

Operation Navigator - Geometry

Name	Path	Tool
GEOMETRY		
Unused Items		
MCS_MILL		
WORKPIECE		
DESABASTE	✓	FRESA
REDESABASTE	✓	FRESA

Dependencies Details

Choose Step or Play to start dynamic material removal

Tool Path Visualization

GOTO/-37.353,-14.136,11.000

1 93

Feed Rate 0.000000

Replay 3D Dynamic

Tool Display Tool

Tool Path None

Number of Motions 10

IPW Resolution Medium

Display Options

Enhance IPW Resolution

IPW None

Create Delete

Analyze

Show 3D Show Spinning 3D

Check for IPW Collisions

Check Tool and Holder

Collision Settings List

Reset

Suppress Animation

Animation Speed 10

OK Cancel

NX 12 - Manufacturing

SIEMENS

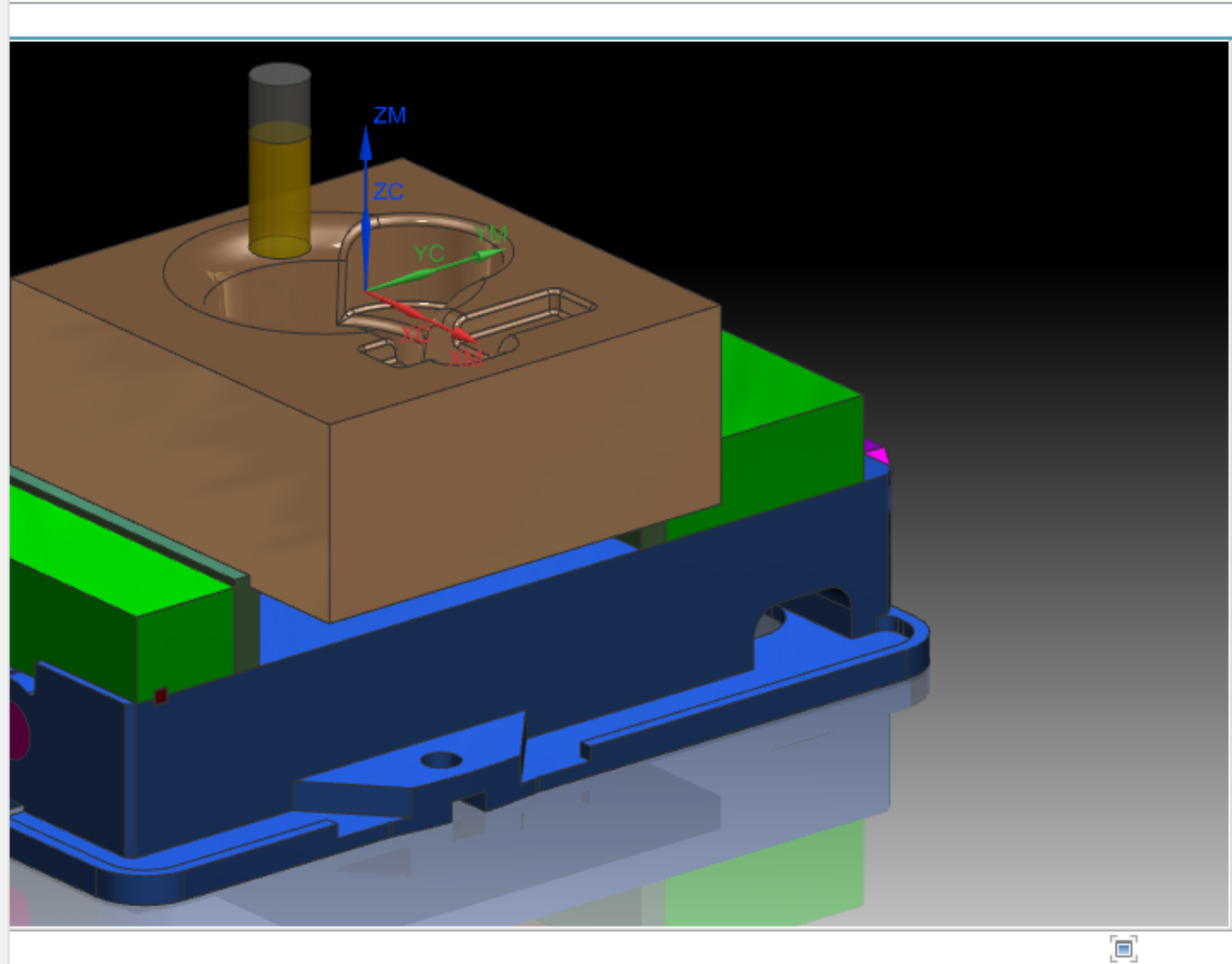
Find a Command

Speed 5

Show 3D IPW

Analysis Geometry Synchronous Modeling Feature Tools

Display Animation Workpiece



File Home Assemblies Curve Analysis

Create Tool Create Geometry Create Operation Properties Generate Tool Path

Insert Actions

Menu No Selection

Create Operation

Type mill_contour

Operation Subtype

Find a Command

Speed 5

Display Animation Workpiece

Show 3D IPW Analysis Geometry Synchronous Modeling Feature Tools

Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
Unused Items		
FRESA_25		
DESBASTE	✓	FRESA
FRESA_16		
REDESBASTE	✓	FRESA
FRESA_12		

Dependencies Details

Location

Program PROGRAM

Tool FRESA_16 (Mi

Geometry WORKPIECE

Method MILL_ROUGH

Name CAVITY_MILL

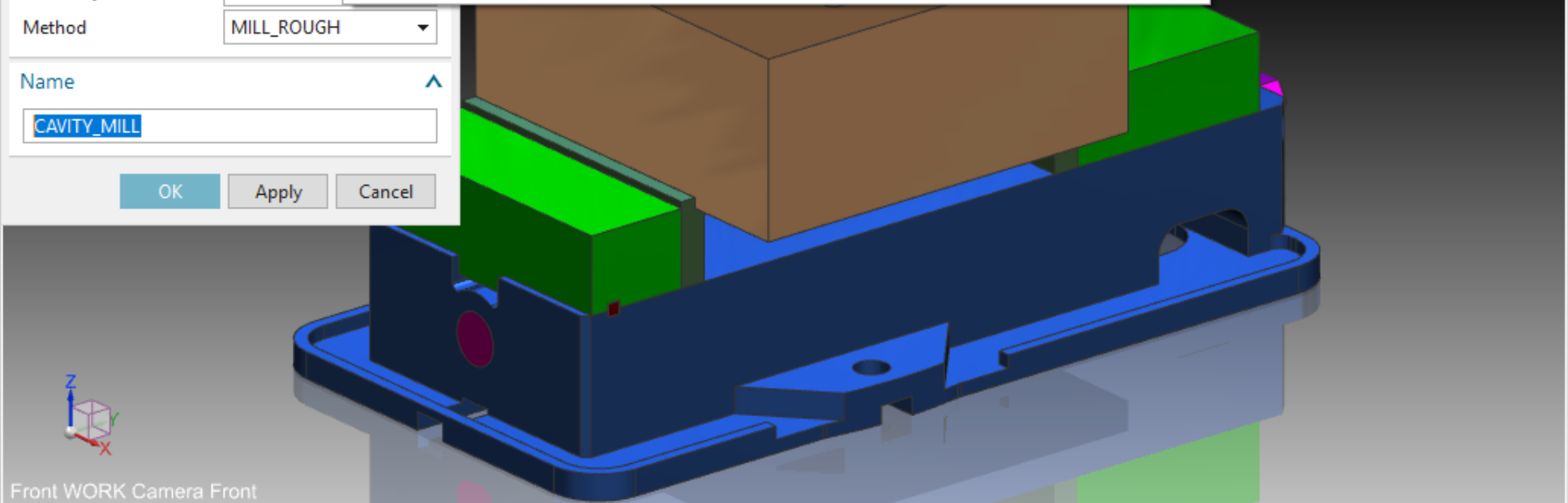
OK Apply Cancel

Zlevel Profile

Uses planar cuts normal to the tool axis to profile walls at specified levels. Can also clean up material left in gaps between levels.

Specify part geometry. Specify the cut area to determine the faces to profile. Specify the cut levels to determine the distance between profile passes.

Recommended for semi-finishing and finishing contoured shapes such as molds, dies, castings, and forgings.



Choose type, subtype, location and specify operation name

File **Home** **Assemblies** **Curve** **Analysis**

Create Tool Create Geometry Create Operation Properties Generate Tool Path

Insert Actions

Menu No Selection

Create Operation

Type: mill_contour

Operation Subtype

Location

Program: PROGRAM

Tool: FRESA_12 (Milling Toc)

Geometry: WORKPIECE

Method: MILL_FINISH

Name: ZLEVEL_PROFILE

OK Apply Cancel

Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
Unused Items		
FRESA_25		
DESABASTE	✓	FRESA
FRESA_16		
REDESABASTE	✓	FRESA
FRESA_12		

Dependencies Details

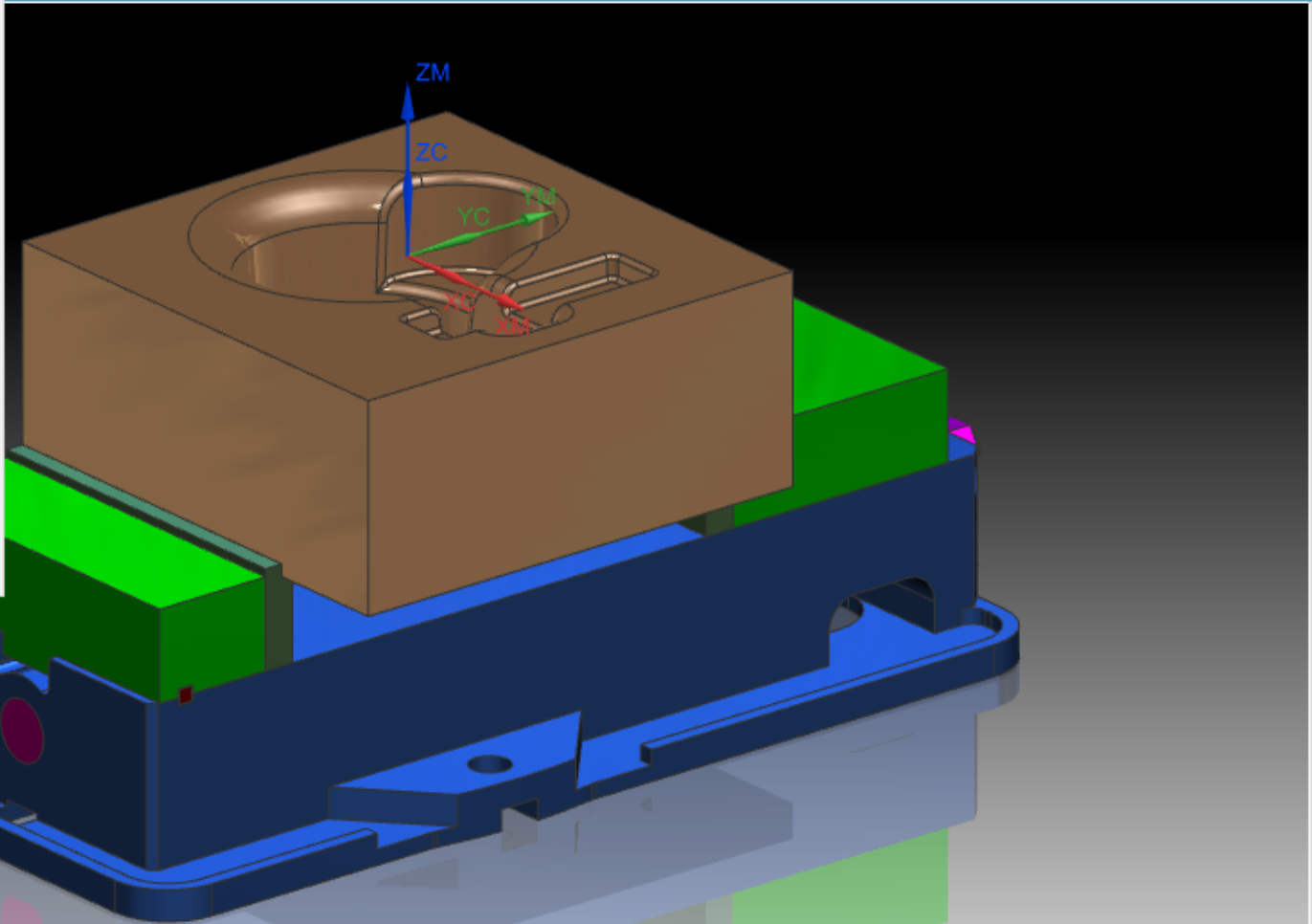
NX 12 - Manufacturing **SIEMENS**

Find a Command

Speed: 5

Display Animation Workpiece

Show 3D IPW Analysis Geometry Synchronous Modeling Feature Tools



Choose type, subtype, location and specify operation name

File **Home** **Assemblies** **Curve** **Analysis**

Create Tool Create Geometry Create Operation Properties Generate Tool Path

Insert Actions

Menu No Selection

Create Operation

Type: mill_contour

Operation Subtype

Location

Program: PROGRAM

Tool: FRESA_12 (Milling Toc)

Geometry: WORKPIECE

Method: MILL_FINISH

Name: acabamento_paredes

OK Apply Cancel

Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
Unused Items		
FRESA_25		
DESBASTE	✓	FRESA_12
FRESA_16		
REDESBASTE	✓	FRESA_12
FRESA_12		

Dependencies Details

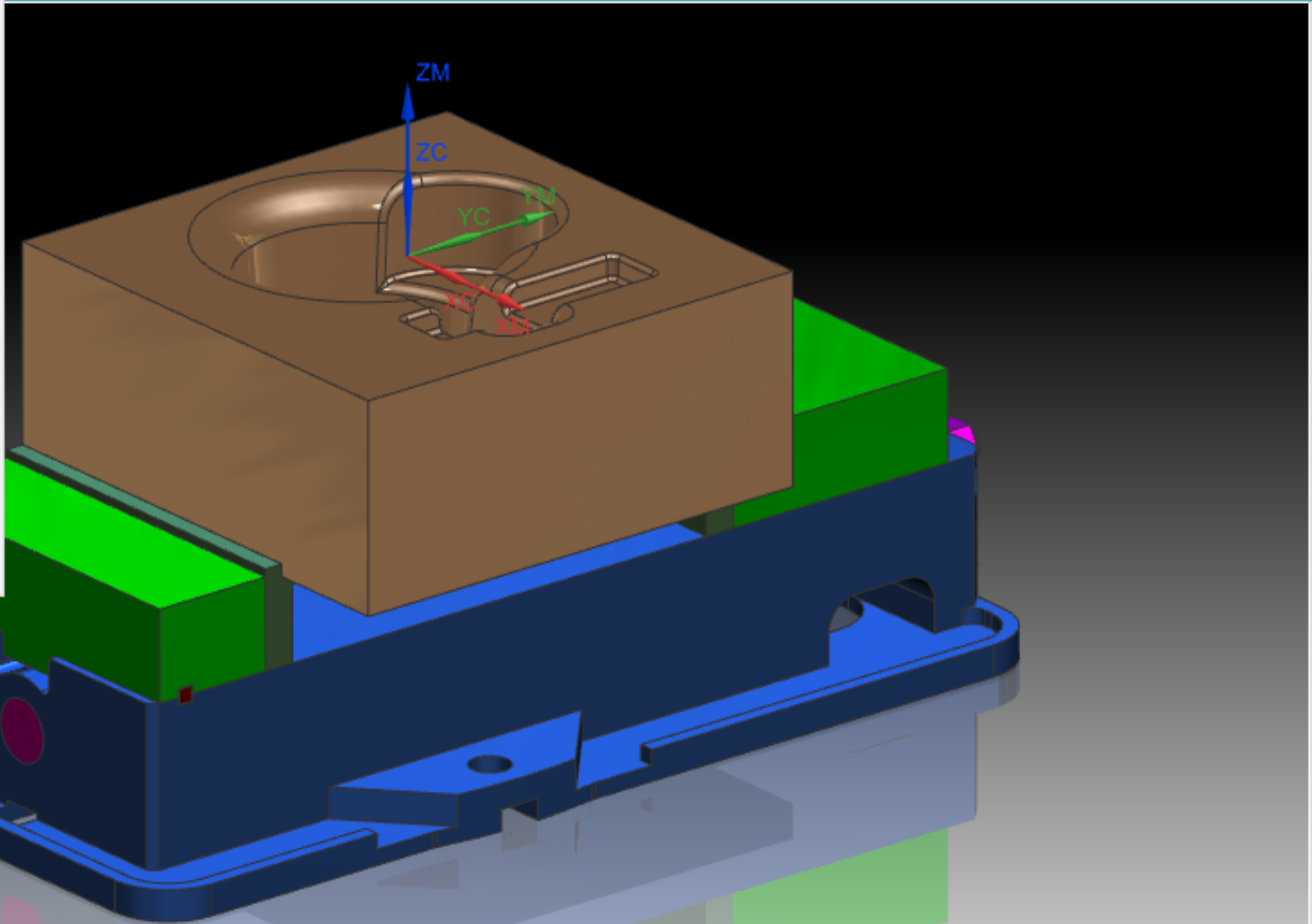
NX 12 - Manufacturing **SIEMENS**

Find a Command

Speed: 5

Display Animation Workpiece

Show 3D IPW Analysis Geometry Synchronous Modeling Feature Tools



Choose type, subtype, location and specify operation name

File Home Assemblies Curve Analysis

Create Tool Create Geometry Create Operation Properties Generate Tool Path

Insert Actions

Menu

Zlevel Profile - [ACABAMENTO_PAREDES]

Specify Cut Area

Specify Trim Boundaries

Tool

Tool Axis

Path Settings

Method: MILL_FINISH

Steep Containment: None

Merge Distance: 3.0000 mm

Minimum Cut Length: 1.0000 mm

Common Depth per Cut: Constant

Maximum Distance: 6.0000 mm

Cut Levels

Cutting Parameters

Non Cutting Moves

Feeds and Speeds

Machine Control

Program

Description

Options

Actions

Generate OK Cancel

Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
Unused Items		
FRESA_25		
DESABASTE	✓	FRESA
FRESA_16		
REDESABASTE	✓	FRESA
FRESA_12		

Dependencies

Details

NX 12 - Manufacturing

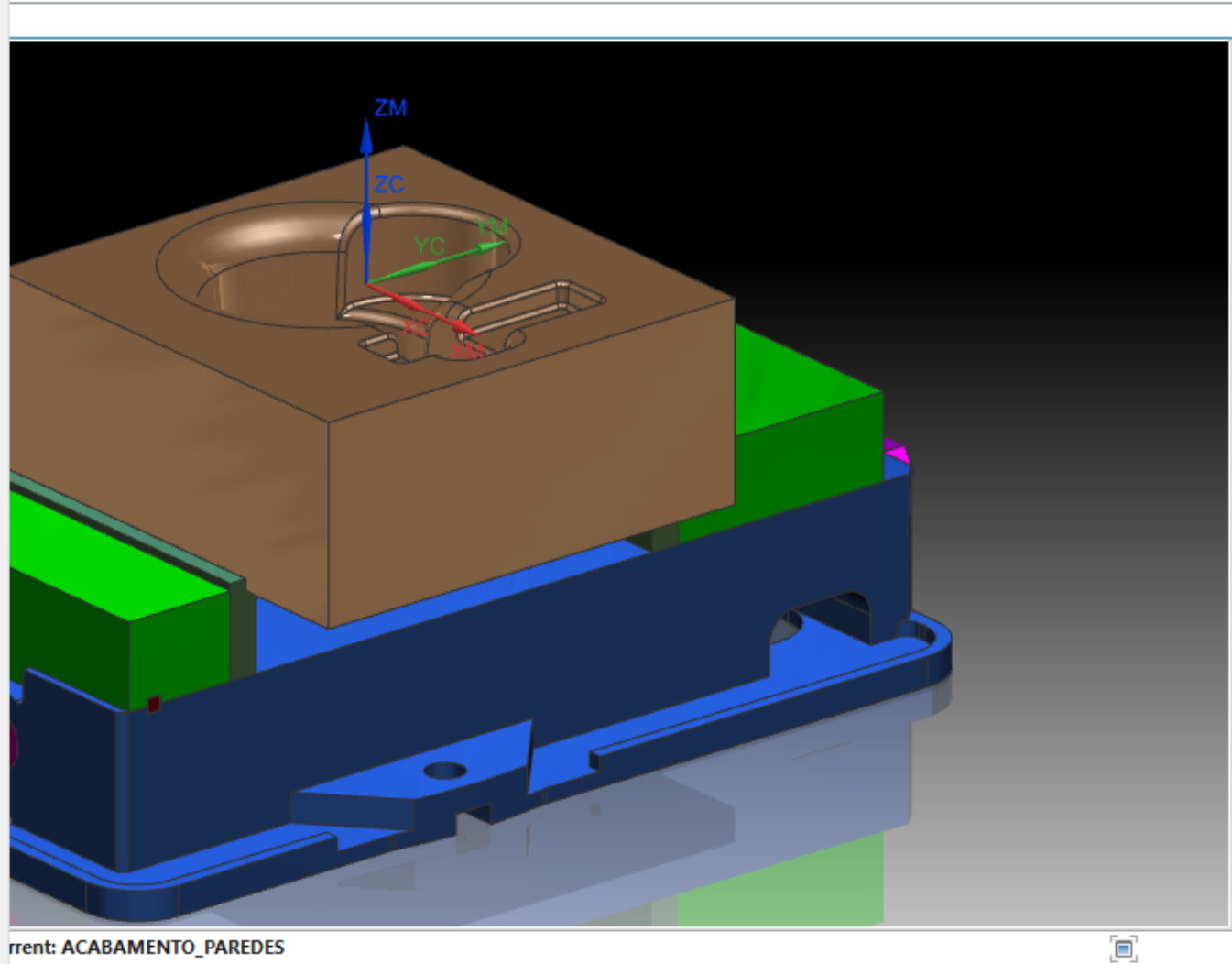
Find a Command

Speed: 5

Display Animation Workpiece

Show 3D IPW

Analysis Geometry Synchronous Modeling Feature Tools



File Home Assemblies Curve Analysis

Create Tool Create Geometry Create Operation Properties Generate Tool Path

Insert Actions

Menu

Geometry

Geometry WORKPIECE

Specify Part

Specify Check

Specify Cut Area

Specify Trim Boundaries

Tool

Tool Axis

Path Settings

Method MILL_FINISH

Steep Containment None

Merge Distance 3.0000 mm

Minimum Cut Length 1.0000 mm

Common Depth per Cut Constant

Maximum Distance 6.0000 mm

Cut Levels

Cutting Parameters

Non Cutting Moves

Feeds and Speeds

Machine Control

Program

OK Cancel

Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
Unused Items		
FRESA_25		
DESBASTE	✓	FRESA
FRESA_16		
REDESBASTE	✓	FRESA
FRESA_12		
ACABAMENTO_PARE	✓	FRESA

Dependencies

Details

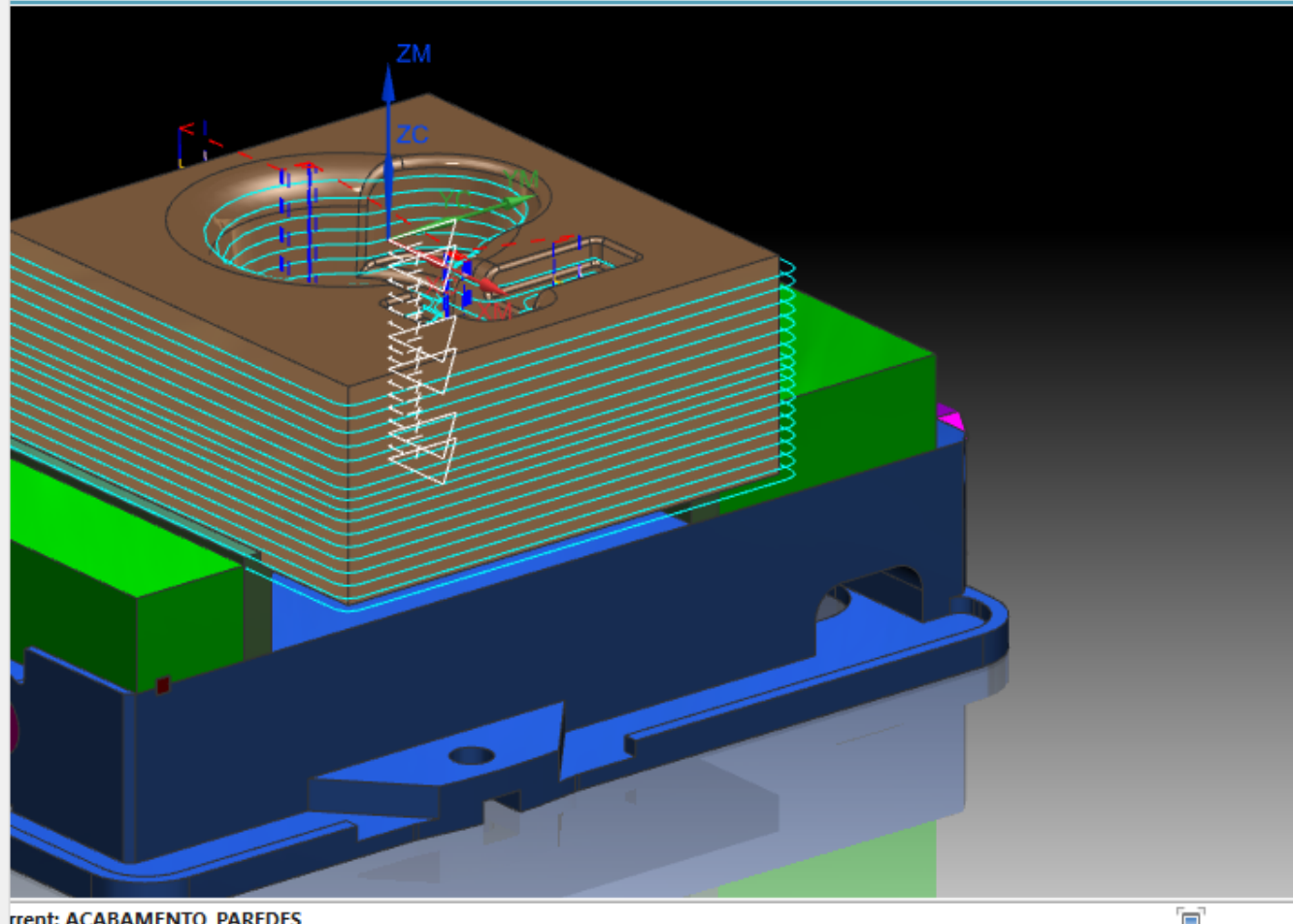
Find a Command

Speed 5

Display Animation Workpiece

Single Face Single Curve Single Body

Analysis Geometry Synchronous Modeling Feature Tools



NX 12 - Manufacturing

File Home Assemblies Curve Analysis View Render Tools Application

Find a Command

Speed 5

Show 3D IPW

Analysis Geometry Synchronous Modeling Feature Tools

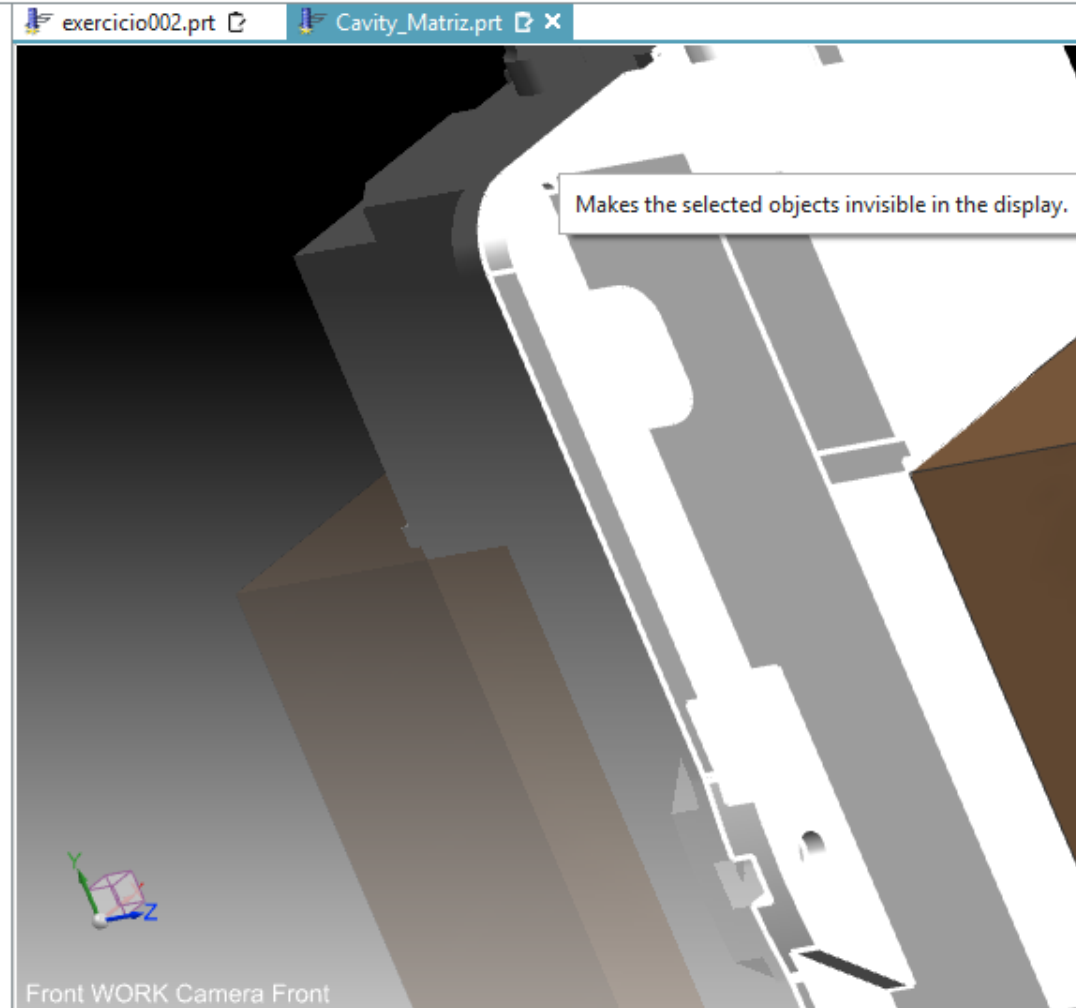
Menu No Selection Filter Entire Assembly

Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
Unused Items		
FRESA_25		
DESBASTE	✓	FRESA
FRESA_16		
REDESBASTE	✓	FRESA
FRESA_12		

Dependencies

Details



- Select from List...
- Hide** Ctrl+B
- Replace Component...
- Make Unique...
- Move...
- Suppression...
- Replace Reference Set
- Make Work Part
- Open in Window
- Open by Proximity...
- Show Lightweight
- Show Only
- Cut Ctrl+X
- Copy Ctrl+C
- Delete
- Add Component
- Edit Display... Ctrl+J
- Show Degrees of Freedom
- Properties

SIEMENS NX 12 - Manufacturing

File Home Assemblies Curve Analysis View Render Tools Application

Find a Command

Speed 5

Show 3D IPW

Analysis Geometry Synchronous Modeling Feature Tools

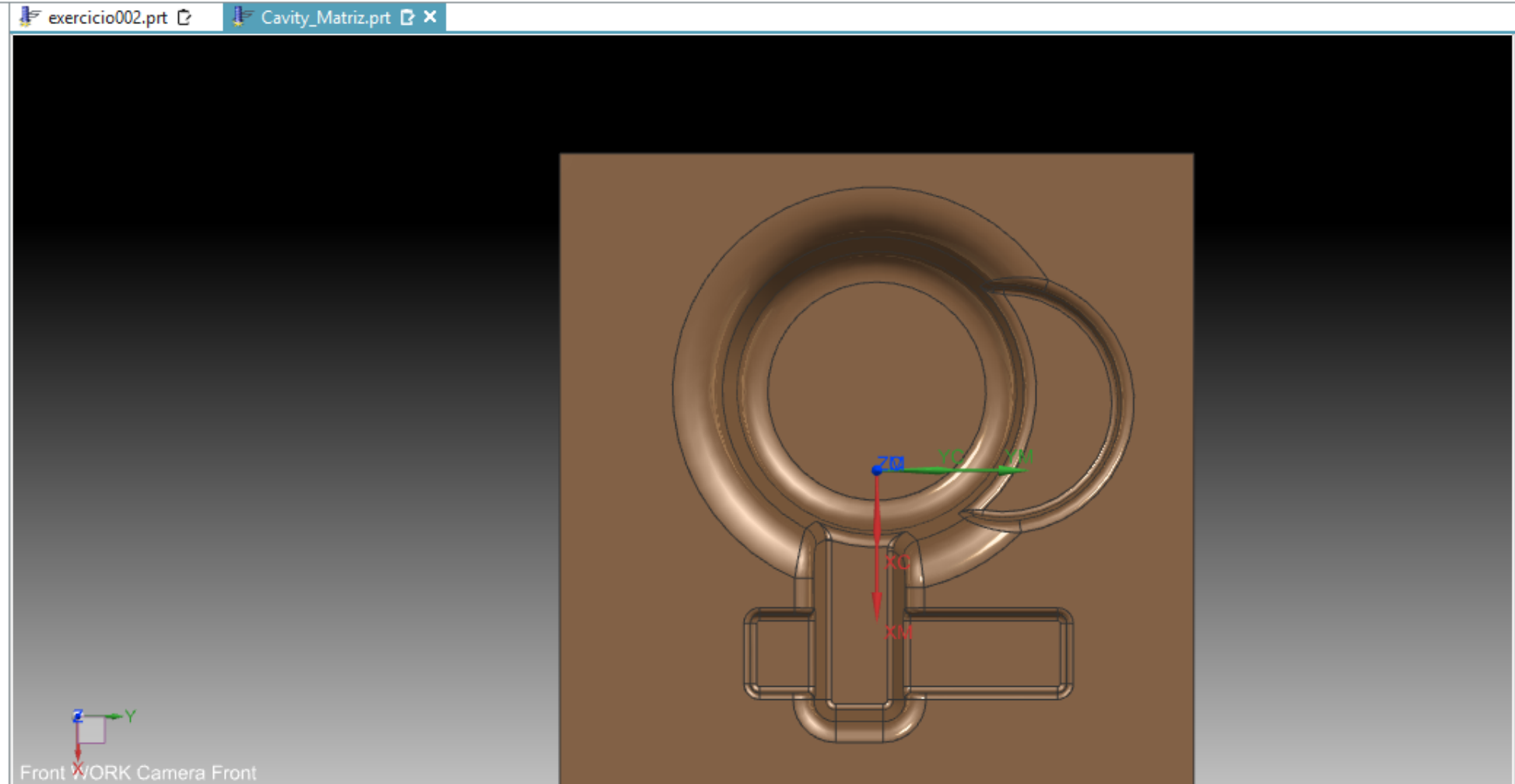
Menu No Selection Filter Entire Assembly

Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
Unused Items		
FRESA_25		
DESBASTE	✓	FRESA
FRESA_16		
REDESBASTE	✓	FRESA
FRESA_12		

Dependencies

Details



File | **Home** | **Assemblies** | **Curve** | **Analysis**

Create Tool | Create Geometry | Create Operation | Properties | Generate Tool Path

Menu | No Selection

Create Operation

Type: mill_contour

Operation Subtype: [Grid of icons]

Location:

Program: PROGRAM

Tool: FRESA_12 (Milling Toc)

Geometry: WORKPIECE

Method: MILL_FINISH

Name: acabemento_paredes

OK | Apply | Cancel

Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
Unused Items		
FRESA_25		
DESBASTE	✓	FRESA_12
FRESA_16		
REDESBASTE	✓	FRESA_12
FRESA_12		

Dependencies | Details

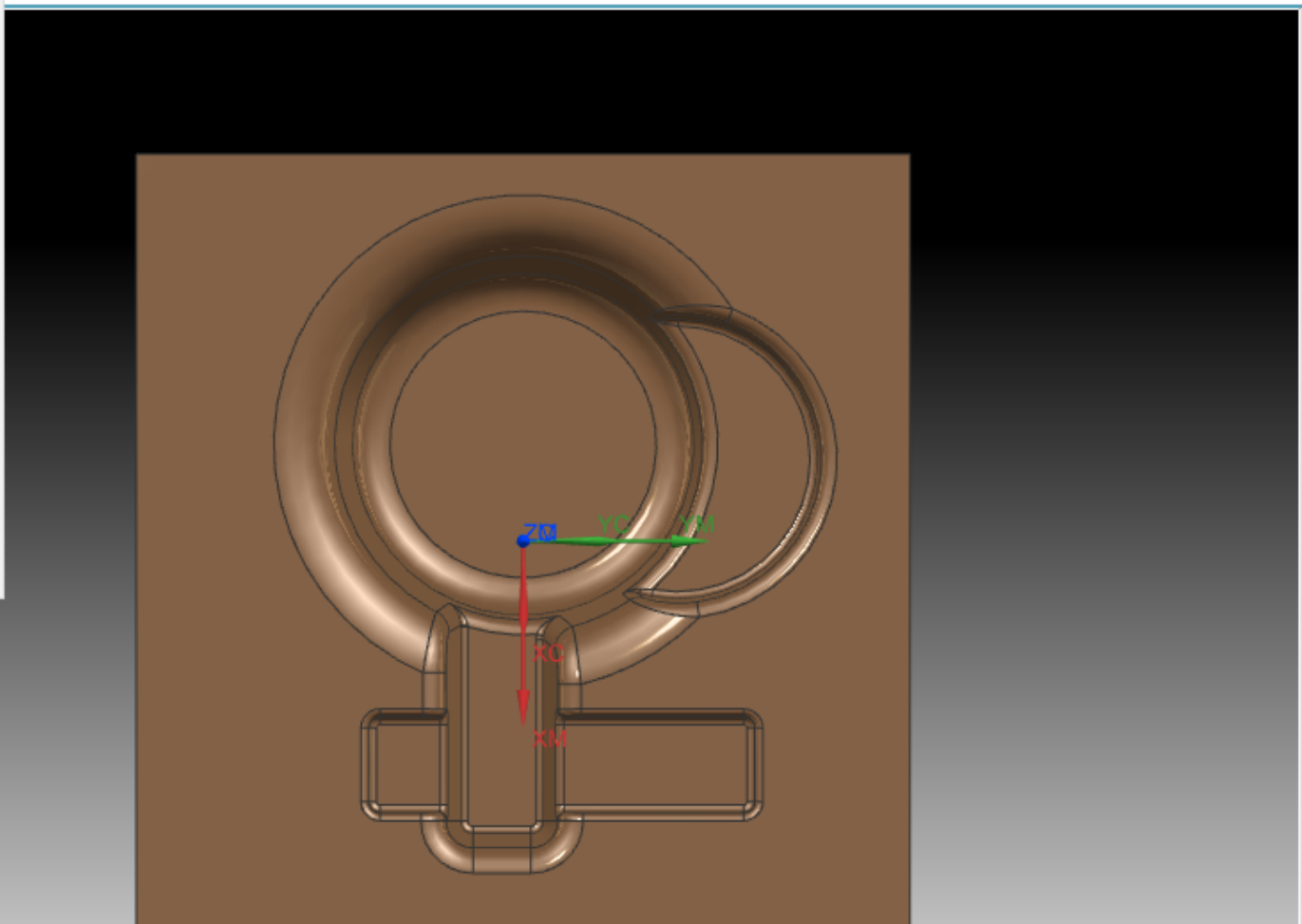
NX 12 - Manufacturing | **SIEMENS**

Find a Command | Tutorials

Speed: 5

Display | Animation | Workpiece

Analysis | Geometry | Synchronous Modeling | Feature | Tools



Choose type, subtype, location and specify operation name

File Home Assemblies Curve Analysis

Create Tool Create Geometry Create Operation Properties Generate Tool Path

Insert Actions

Specify Cut Area

Specify Trim Boundaries

Tool

Tool Axis

Path Settings

Method: MILL_FINISH

Steep Containment: None

Merge Distance: 3.0000 mm

Minimum Cut Length: 1.0000 mm

Common Depth per Cut: Constant

Maximum Distance: 6.0000 mm

Cut Levels

Cutting Parameters

Non Cutting Moves

Feeds and Speeds

Machine Control

Program

Description

Options

Actions

Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
Unused Items		
FRESA_25		
DESBASTE	✓	FRESA
FRESA_16		
REDESBASTE	✓	FRESA
FRESA_12		

Dependencies

Details

Find a Command

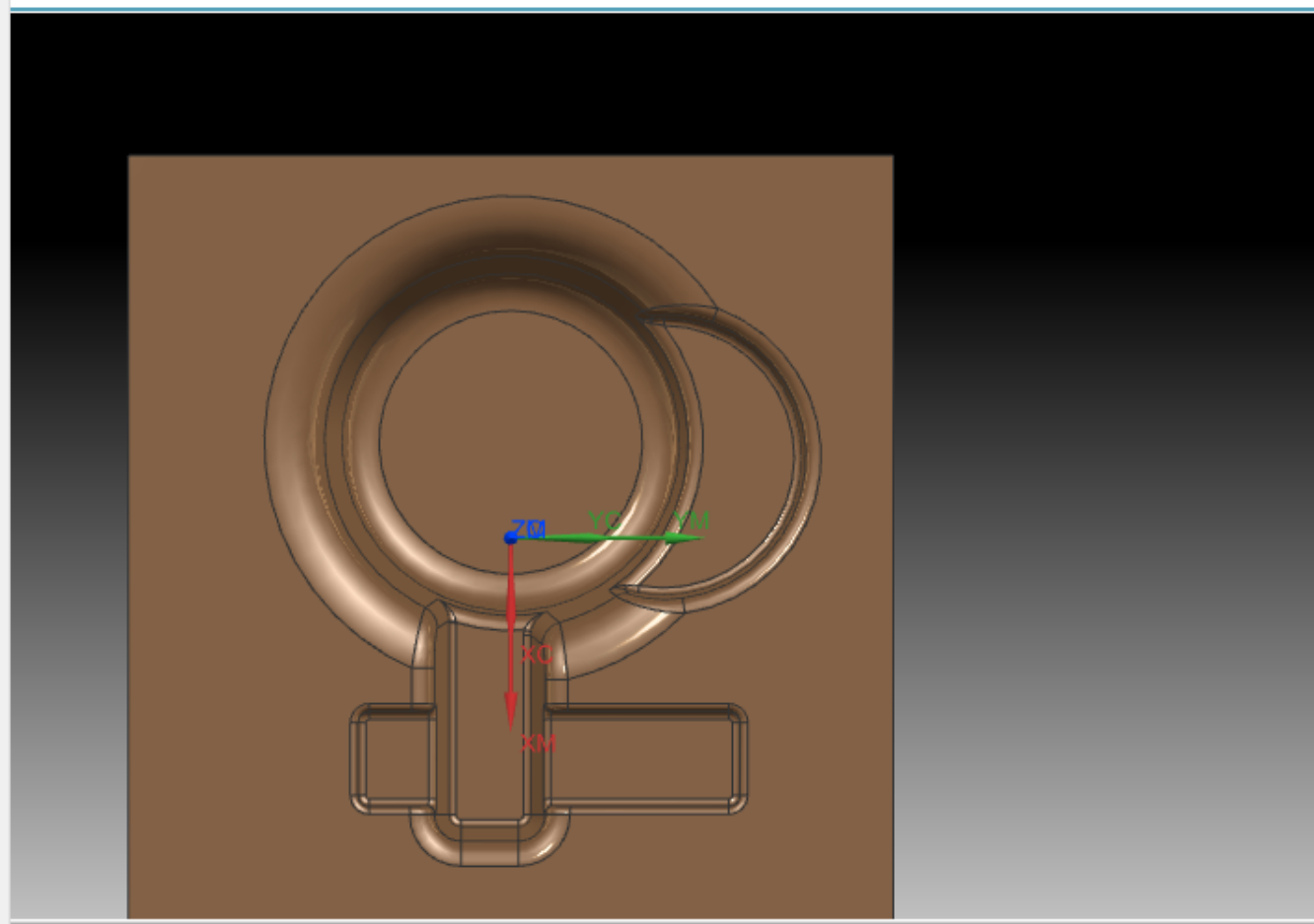
Speed: 5

Show 3D IPW

Analysis Geometry Synchronous Modeling Feature Tools

Display Animation Workpiece

Single Face Single Curve Single Body



Specify parameters

urrent: ACABEMENTO_PAREDES

SIEMENS NX 12 - Manufacturing

File Home Assemblies Curve Analysis View Render Tools Application

Find a Command

Speed 5

Show 3D IPW

Analysis Geometry Synchronous Modeling Feature Tools

Menu No Selection Filter Entire Assembly

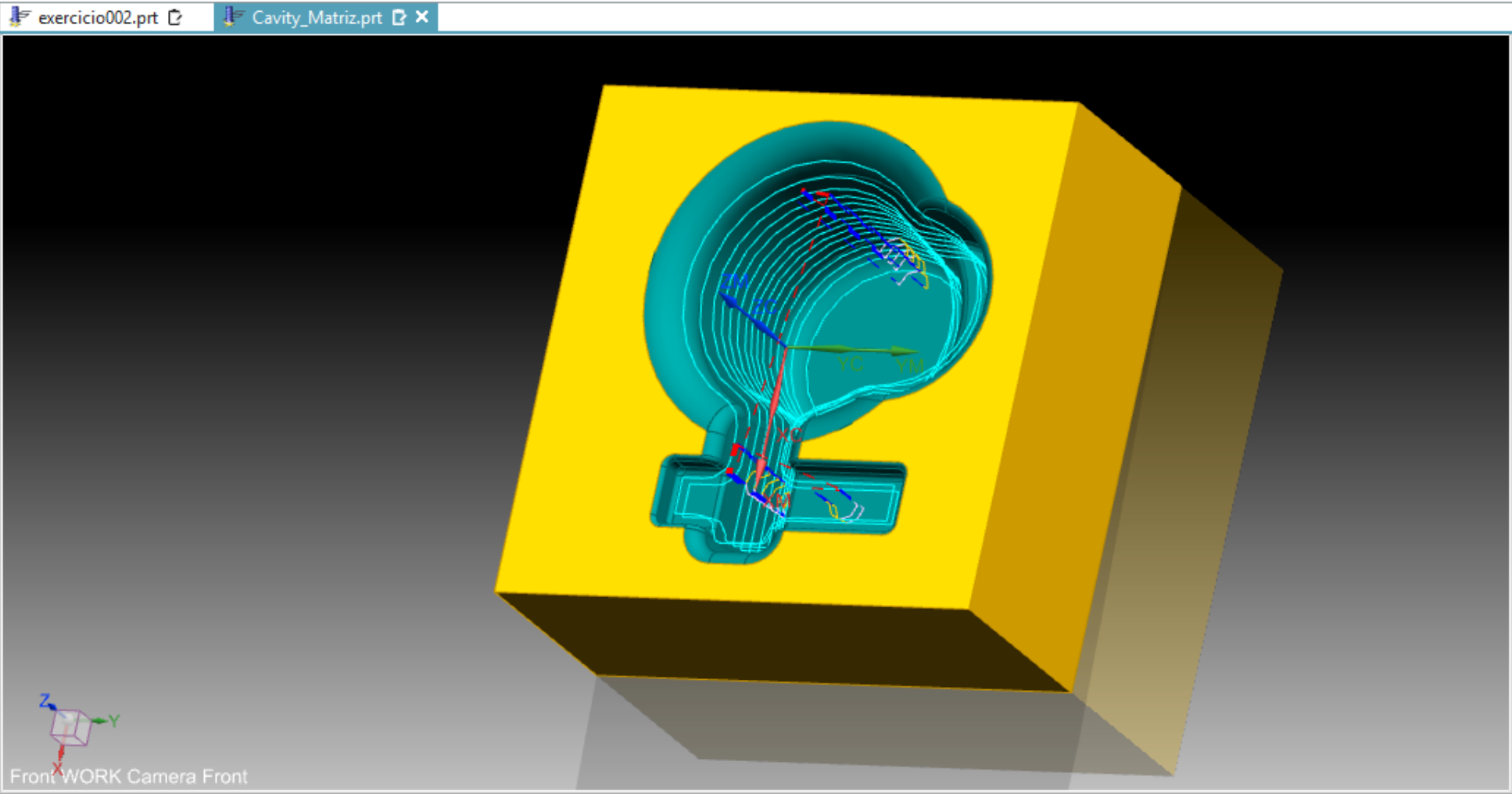
Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
Unused Items		
FRESA_25		
DESBASTE	✓	FRESA
FRESA_16		
REDESBASTE	✓	FRESA
FRESA_12		
ACABAMENTO_PAREDES	✓	FRESA

Repost

Dependencies

Details



File Home Assemblies Curve Analysis

Create Tool Create Geometry Create Operation Properties Generate Tool Path

Insert Actions

Menu

Zlevel Profile - [ACABEMENTO_PAREDES]

Geometry WORKPIECE

Specify Part

Specify Check

Specify Cut Area

Specify Trim Boundaries

Tool

Tool Axis

Path Settings

Method MILL_FINISH

Steep Containment None

Merge Distance 3.0000 mm

Minimum Cut Length 1.0000 mm

Common Depth per Cut Constant

Maximum Distance 0.5 mm

Cut Levels

Cutting Parameters

Non Cutting Moves

Feeds and Speeds

Machine Control

Program

OK Cancel

Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
Unused Items		
FRESA_25		
DESBASTE	✓	FRESA
FRESA_16		
REDESBASTE	✓	FRESA
FRESA_12		
ACABEMENTO_PARE	✓	FRESA

Dependencies

Details

NX 12 - Manufacturing

Find a Command

Speed 5

Display Animation Workpiece

Show 3D IPW

Analysis Geometry Synchronous Modeling Feature Tools

urrent: ACABEMENTO_PAREDES

File Home Assen

Create Tool Create Geometry Create Operation

Insert

Menu

Operation Navigator - M

Name
GENERIC_MACHINE
Unused Items
FRESA_25
DESBASTE
FRESA_16
REDESBAS
FRESA_12
ACABEME

Generate

- Parallel Generate
- Replay
- Post Process
- Insert
- Object
- Tool Path
- Workpiece
- Notes
- Work Instructions
- Information
- Properties

View Render Tools Application

Find a Command

Verify Tool Path Simulate Machine Post Process Shop Documentation More

Operations

Display Animation

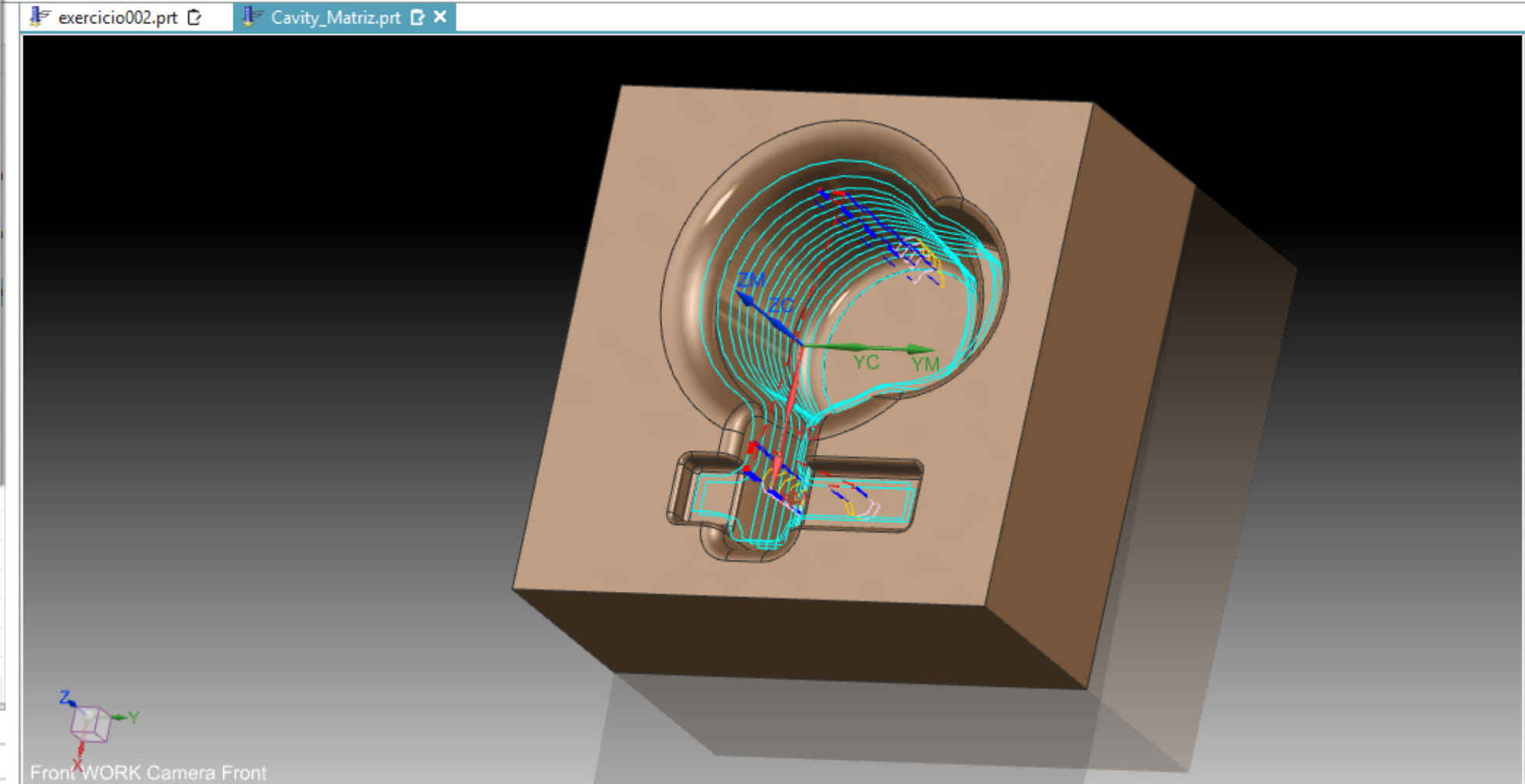
Workpiece

Analysis Geometry Synchronous Modeling Feature Tools

Speed 5

Show 3D IPW

Entire Assembly



SIEMENS NX 12 - Manufacturing

File Home Assemblies Curve Analysis View Render Tools Application

Find a Command

Speed 5

Show 3D IPW

Analysis Geometry Synchronous Modeling Feature Tools

Menu No Selection Filter Entire Assembly

Operation Navigator - Machine Tool

Name	Path	Tool
GENERIC_MACHINE		
Unused Items		
FRESA_25		
DESBASTE	✓	FRESA
FRESA_16		
REDESBASTE	✓	FRESA
FRESA_12		
ACABAMENTO_PARE	✓	FRESA

Dependencies

Details

