In these tutorials the import of a externel geometry will be review

Workbench 12.1

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File   View   Tools   Units   Help

New   Open...   Save   Save As...   Import...   Reconnect   Refresh Project   Update Project   Project   Compact Mode

Toolbox

Analysis Systems
- Electric (ANSYS)
- Explicit Dynamics (ANSYS)
- Fluid Flow - Blow Molding (POLYFLOW)
- Fluid Flow - Extrusion (POLYFLOW)
- Fluid Flow (CFX)
- Fluid Flow (FLUENT)
- Fluid Flow (POLYFLOW)
- Harmonic Response (ANSYS)
- Hydrodynamic Diffraction (AQWA)
- Linear Buckling (ANSYS)
- Magnetostatic (ANSYS)
- Modal (ANSYS)
- Modal (Samcef)
- Random Vibration (ANSYS)
- Response Spectrum (ANSYS)
- Shape Optimization (ANSY)
- Static Structural (ANSYS)
- Static Structural (Samcef)
- Steady-State Thermal (ANSYS)
- Thermal-Electric (ANSYS)
- Transient Structural (ANSYS)
- Transient Structural (MBD)
- Transient Thermal (ANSYS)

Component Systems
Custom Systems
Design Exploration

View All / Customize...

Project Schematic

As an example we will use a Static Structural analysis. Start the building of a Structural analysis double clicking on "Static Structural (Ansys)"

No data

	A	B
1	Property	Value

Messages

	A	B	C
1	Type	Text	Date/Time

Progress

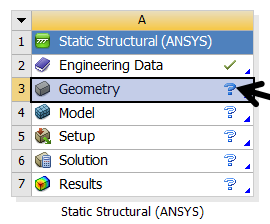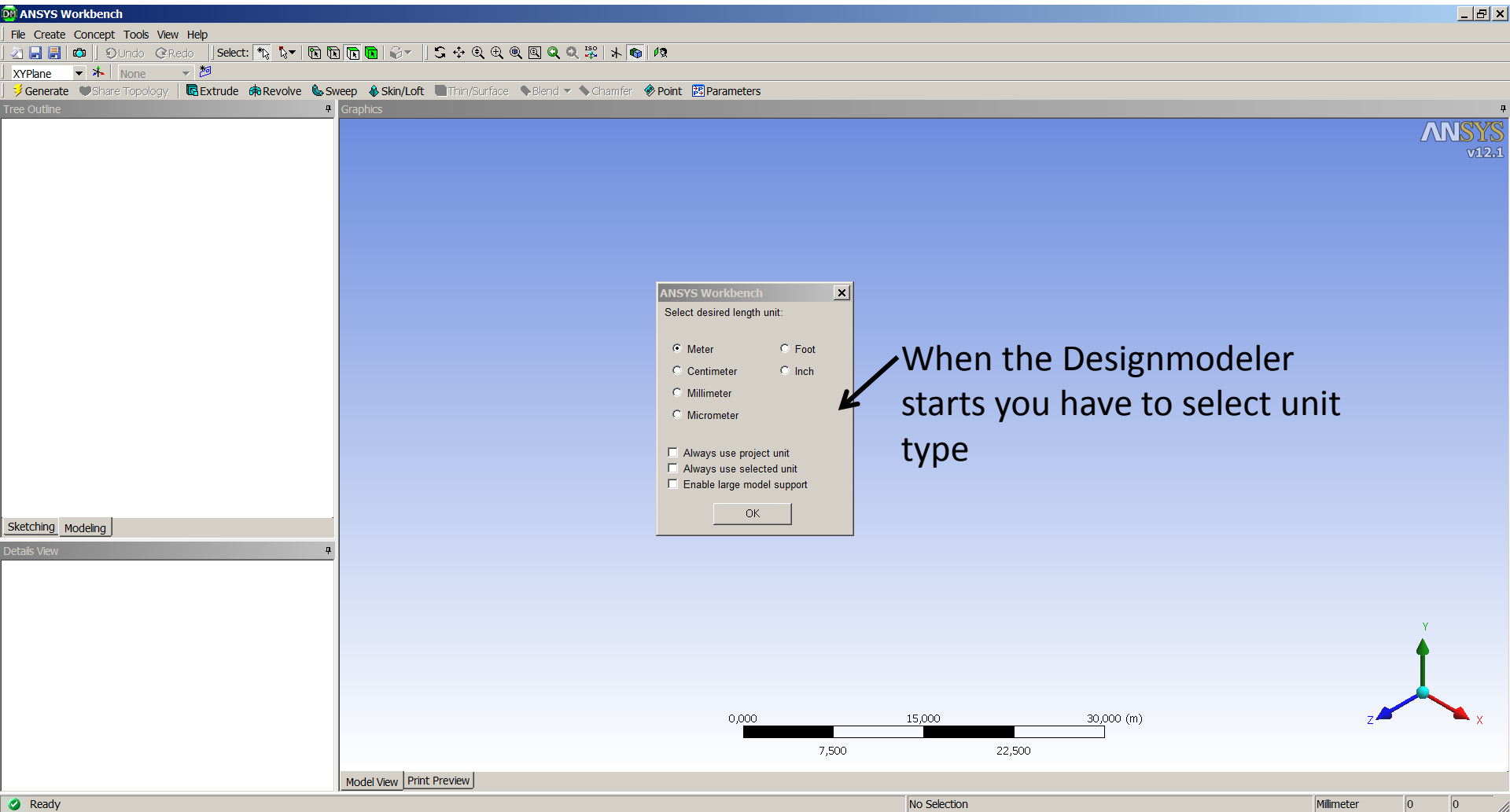|	A	B	C
1	Status	Details	Progress
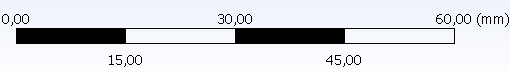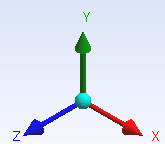
Double-click or drag items from the Toolbox to build a schematic that represents the project.

Hide Progress   Hide 0 Messages

Now double click on "Geometry" to start Designmodeler.

When the Designmodeler starts you have to select unit type

Then click on "File"

🔄 Refresh Input	
📝 Start Over	
📂 Load DesignModeler Database...	
💾 Save Project	
💾 Export...	
📦 Attach to Active CAD Geometry	
📦 Import External Geometry File...	
🔧 Write Script: Sketch(es) of Active Plane	
🔧 Run Script	
🖨 Print	
📥 Auto-save Now	
Restore Auto-save File	▶
Recent Imports	▶
Close DesignModeler	
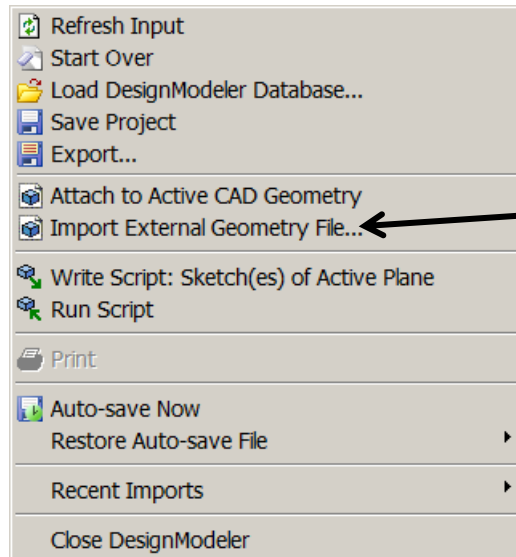
In the File menu click on "Import External Geometry File…"

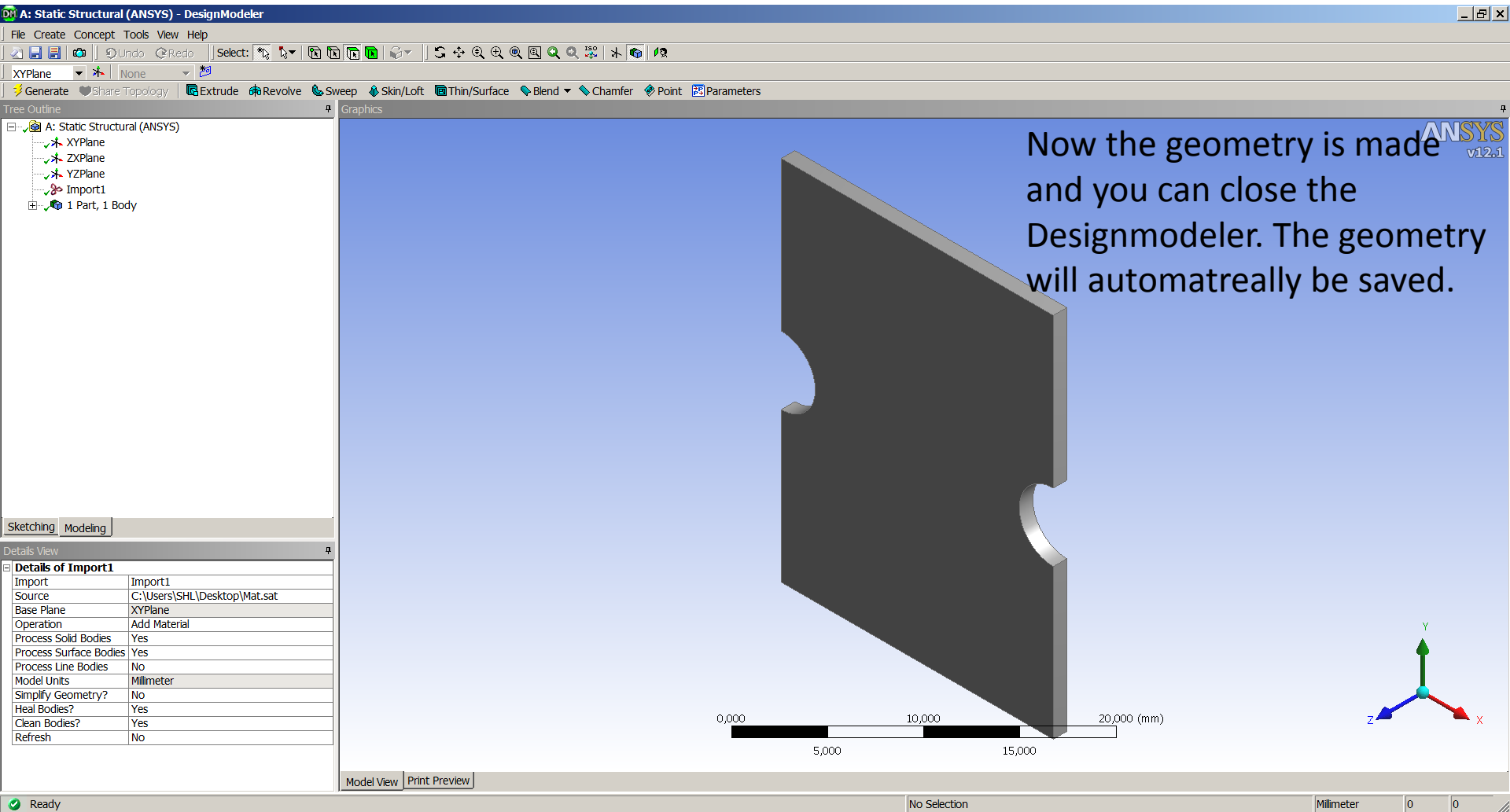Then select the geometry file you want to use. In this example we will use the file "MAT.sat"
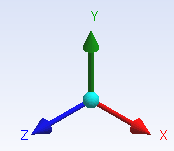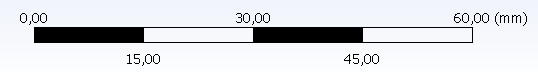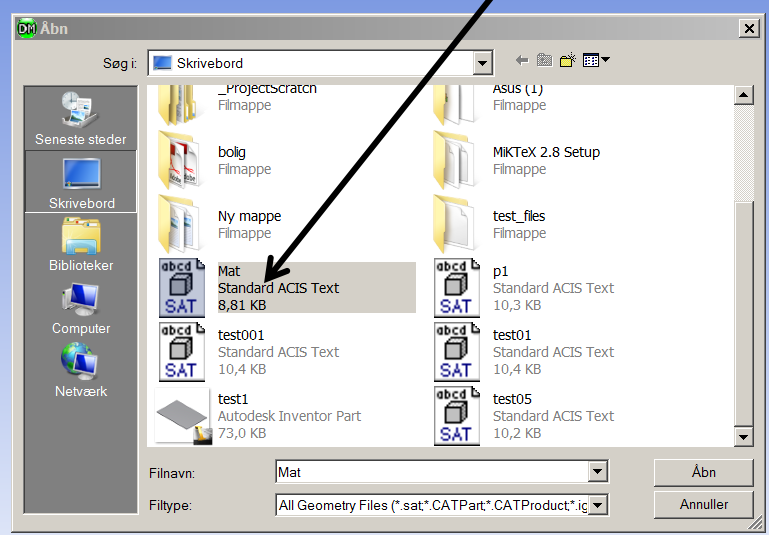
To import the geometry click on "Generate"

Now the geometry is made and you can close the Designmodeler. The geometry will automatreally be saved.

When the geometry is imported a green sign will appear to the left of the Geometry menu.