The Magics Structures Module helps you reduce the weight and material usage in your designs. Whether you wish to hollow a part and fill it with a lightweight structure, convert a part to lattice, or create functional surfaces, the easy-to-use wizard in the Magics Structures Module will guide you every step of the way.

**Save Powder**
- Once you have created a hollowed design, you can add draining holes so that excess powder can be removed, leading to lower powder consumption and production costs.

**Keep the Temperature Under Control**
- Since a model with structures requires less scanning, the generated heat can be kept under control and distortion during the build can be reduced.

**Enhance Your Design**
- Keep your model’s design intact, while reducing its weight
- Create porous designs for bone and tissue ingrowth

**Freedom of Design**
- Use the module’s structures library or design your own unit cell structures to create lattice

"Starting from a solid apple, this lightweight version was entirely created with Materialise Magics. The lattice was created by the Magics Structures Module."

[Image of apple and lattice structures]

software.materialise.com
Transform a Solid Apple into a Lightweight Version:

Create a Structure with or without Outer Shell

Original design  With outer shell  Without outer shell

Choose a Unit Structure

Diamond  Dode  Dodecahedron  Diagonals  Cross  Custom

Add Drain Holes to Remove Trapped Powder or Resin

For more information about the Materialise Magics Structures Module, contact us at: software@materialise.be or visit our website software.materialise.com