



DFM Solution | DFX Analyzer

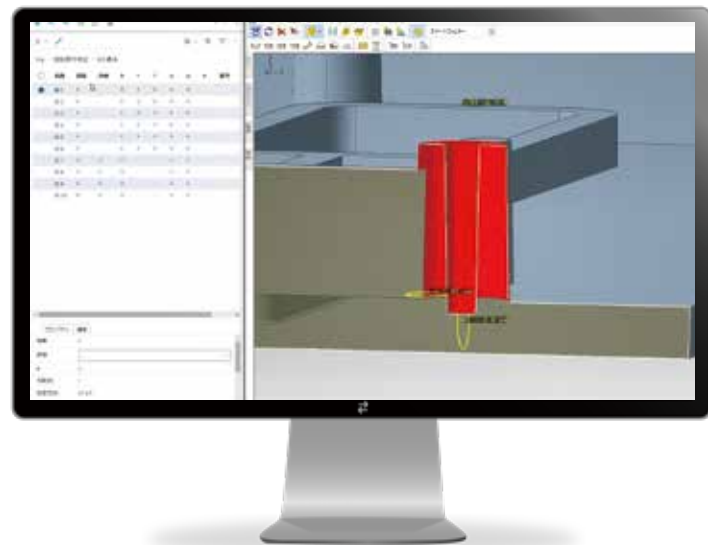
Automatic Manufacturability Assessment System

DFX Analyzer Plug-in for DFM is a solution to auto-evaluate the quality of your design in terms of manufacturability, machinability, and moldability based on the design CAD models.

Fix Potential Manufacturability Issues in Early Design Phase

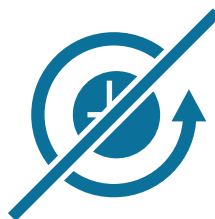
It is almost impossible for even experienced engineers to design optimally considering the full manufacturability of the product.

DFX Analyzer Plug-in for DFM aids design engineers during the design process by detecting potential manufacturability issues through geometry feature analysis. This helps eliminate the risk of spending hours or even days on engineering changes to fix issues raised by production engineers, and cause a delay on the entire production lead-time.



Automatic Evaluation to Save Engineers' Time

Release design engineers from tedious, human eye manufacturability checks to facilitate value-added creative work.



Eliminate Rework to Shorten Lead-time

Minimize the risk of rework after dispatching the data to post processes, reducing lead-time.



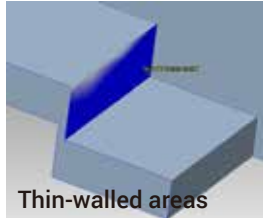
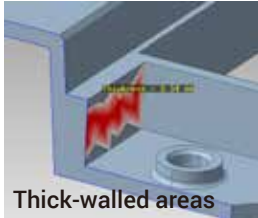
Cost Reduction through Standardization

Reduce the manufacturing costs by avoiding complex tooling, standardizing the hole diameter, etc.

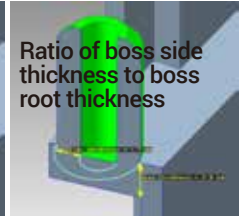
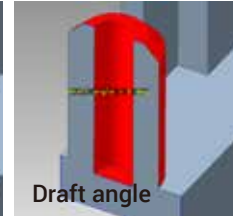
Pre-set Check Criteria

For Plastic (Resin) Part

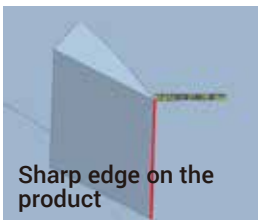
Wall Thickness of Product



Boss / Rib



Sharp Edge

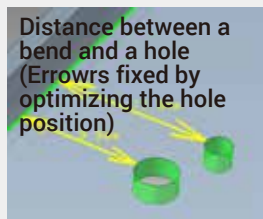
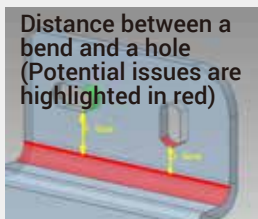


Other Check Criteria

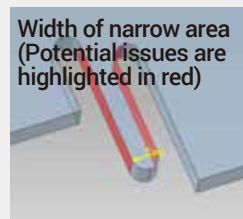
- Undercuts
- Tiny fillets (R)
- Thin parts (Mold)
- Holes

For Sheet Metal

Distance between Bend and Hole



Width of Narrow Area



Other Check Criteria

- Bosses
- Burring
- Holes
- Half-punching
- Engraving
- Dowels
- Bridges
- Overhangs
- Bends / Flanges / Hemings

