ALIBRE

1. File
2. Export
3. Save As > STL
4. Enter File Name
5. Save

UNIGRAPHICS

1. File > Export > Rapid Prototyping
2. Set Output type to Binary
3. Set Triangle Tolerance to 0.0025
4. Set Adjacency Tolerance to 0.12
5. Set Auto Normal Gen to On
6. Set Normal Display to Off
7. Set Triangle Display to On

AUTOCAD (VERSIONS: R14-2000I)

Your design must be a three-dimensional solid object to output an STL file.

1. Make sure the model is in positive space.
2. At the command prompt type "FACETRES"
3. Set FACETRES BETWEEN 1 &10. (1 Being low resolution and 10 high resolution for STL Triangles)
4. Next, at the command prompt type "STLOUT"
5. Select Objects
6. Choose "Y" for Binary
7. Choose Filenam

MECHANICAL DESKTOP

1. Use the AMSTLOUT command to export your STL fi le.
2. The following command line options affect the quality of the STL and should be adjusted to produce an acceptable file.
3. Angular Tolerance - This command limits the angle between the normals of adjacent triangles. The default setting is 15 degrees. Reducing the angle will increase the resolution of the STL file.
4. Aspect Ratio - This setting controls the Height/Width ratio of the facets. A setting of 1 would mean the height of a facet is no greater than it's width. The default setting is 0, ignored.
5. Surface Tolerance - This setting controls the greatest distance between the edge of a facet and the actual geometry. A setting of 0.0000 causes this option to be ignored.
6. Vertex Spacing - This option controls the length of the edge of a facet. The default setting is 0.0000, ignored.

PROE WILDFIRE

1. File > Save a Copy > Model
2. Change type to STL (*.stl)
3. Set Chord Height to 0. The fi eld will be replaced by minimum acceptable value.
4. Set Angle Control to 1
5. OK

CADKEY

1. Choose Stereolithography from Export options
2. Enter the Filename
3. Click OK

I-DEAS

1. File > Export > Rapid Prototype File > OK
2. Select the Part to be Prototyped
3. Select Prototype Device > SLA500.dat > OK
4. Set absolute facet deviation to 0.000395
5. Select Binary > OK

IRONCAD

1. Right Click on the part
2. Part Properties > Rendering
3. Set Facet Surface Smoothing to 150
4. File > Export
5. Choose .STL

RHINO

1. File > Save As
2. Select File Type > STL
3. Enter a name for the STL file.
4. Save
5. Select Binary STL Files

PROE

1. File > Export > Model (or File > Save a Copy)
2. Set type to STL
3. Set chord height to 0. The fi eld will be replaced by minimum acceptable value.
4. Set Angle Control to 1
5. Choose File Name
6. OK

SOLIDDESIGNER (UNKNOWN VERSION)

1. File > External > Save STL
2. Select Binary mode
3. Select Part
4. Enter 0.001mm for Max Deviation Distance
5. Click OK

INVENTOR

1. Save Copy As
2. Select STL
3. Choose Options > Set to High
4. Enter Filename
5. Save

SOLIDDESIGNER (VERSION 8.X)

1. File > Save
2. Select File Type > STL
3. Select Data
4. Click OK

SOLIDEDGE

1. File > Save As
2. Set Save As Type to STL
3. Options
4. Set Conversion Tolerance to 0.001in or 0.0254mm
5. Set Surface Plane Angle to 45.00
6. Save

SOLIDWORKS

1. File > Save As
2. Set Save As Type to STL
3. Options > Resolution > Fine > OK
4. Save

THINK3

1. File > Save As
2. Set Save As Type to STL
3. Save