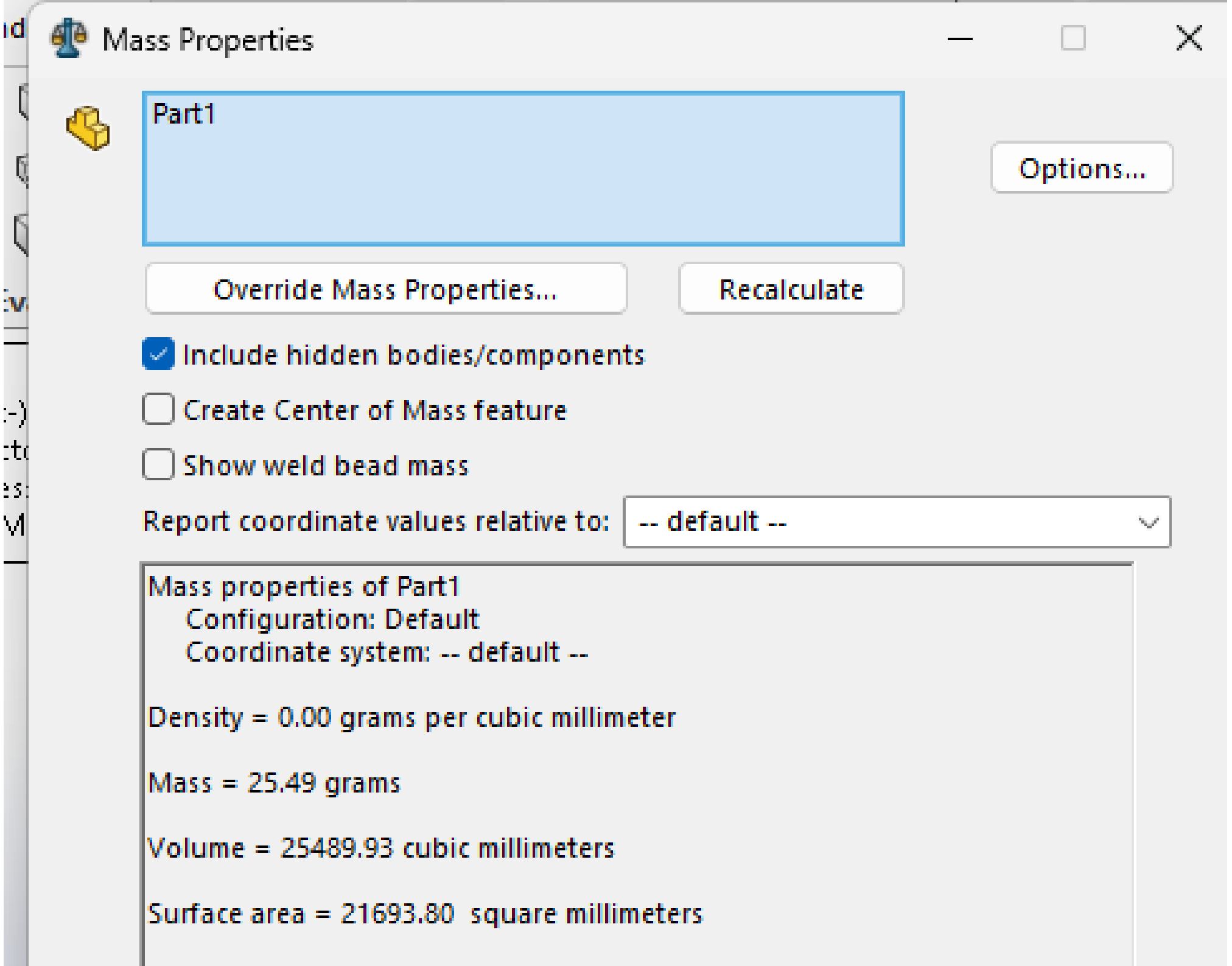
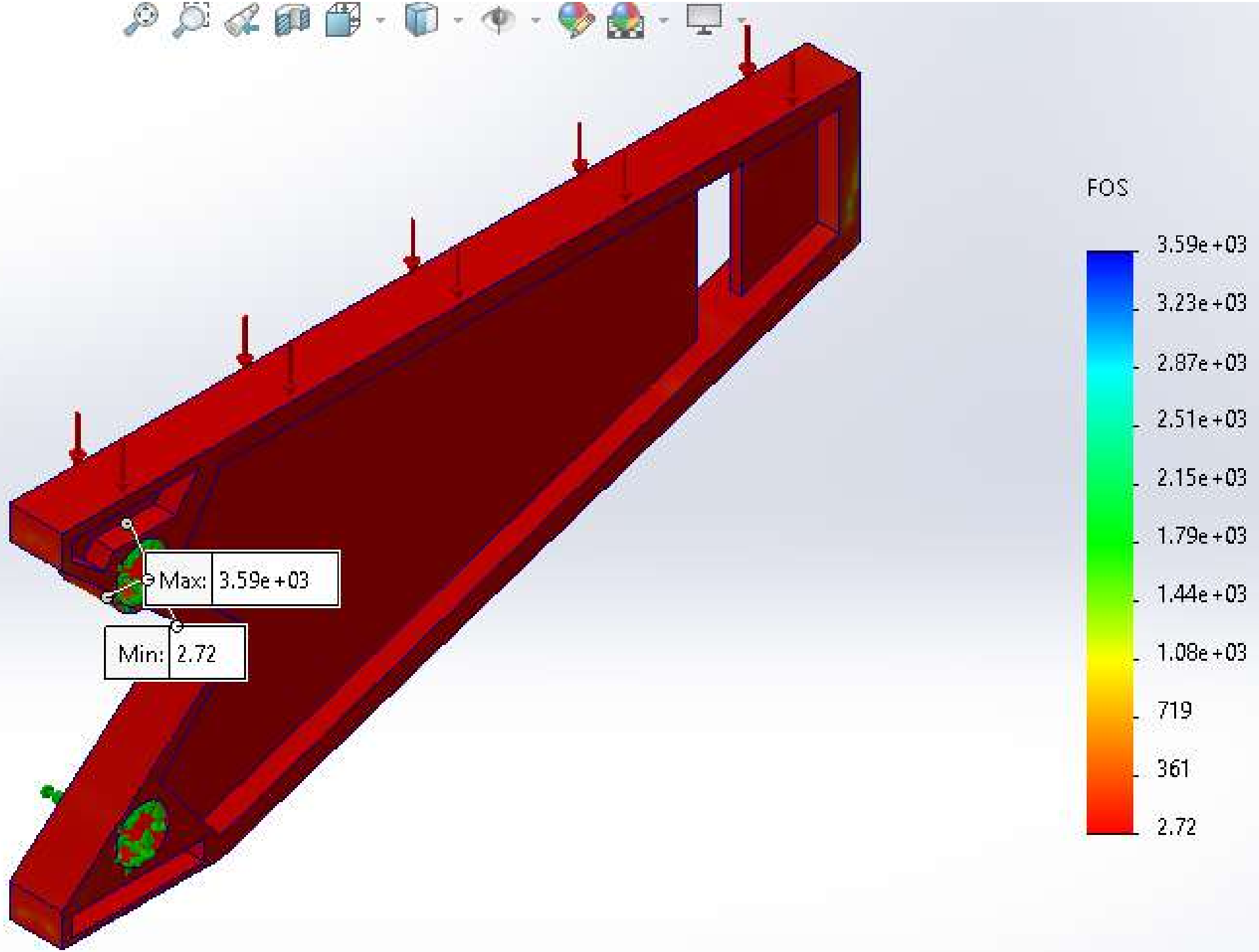
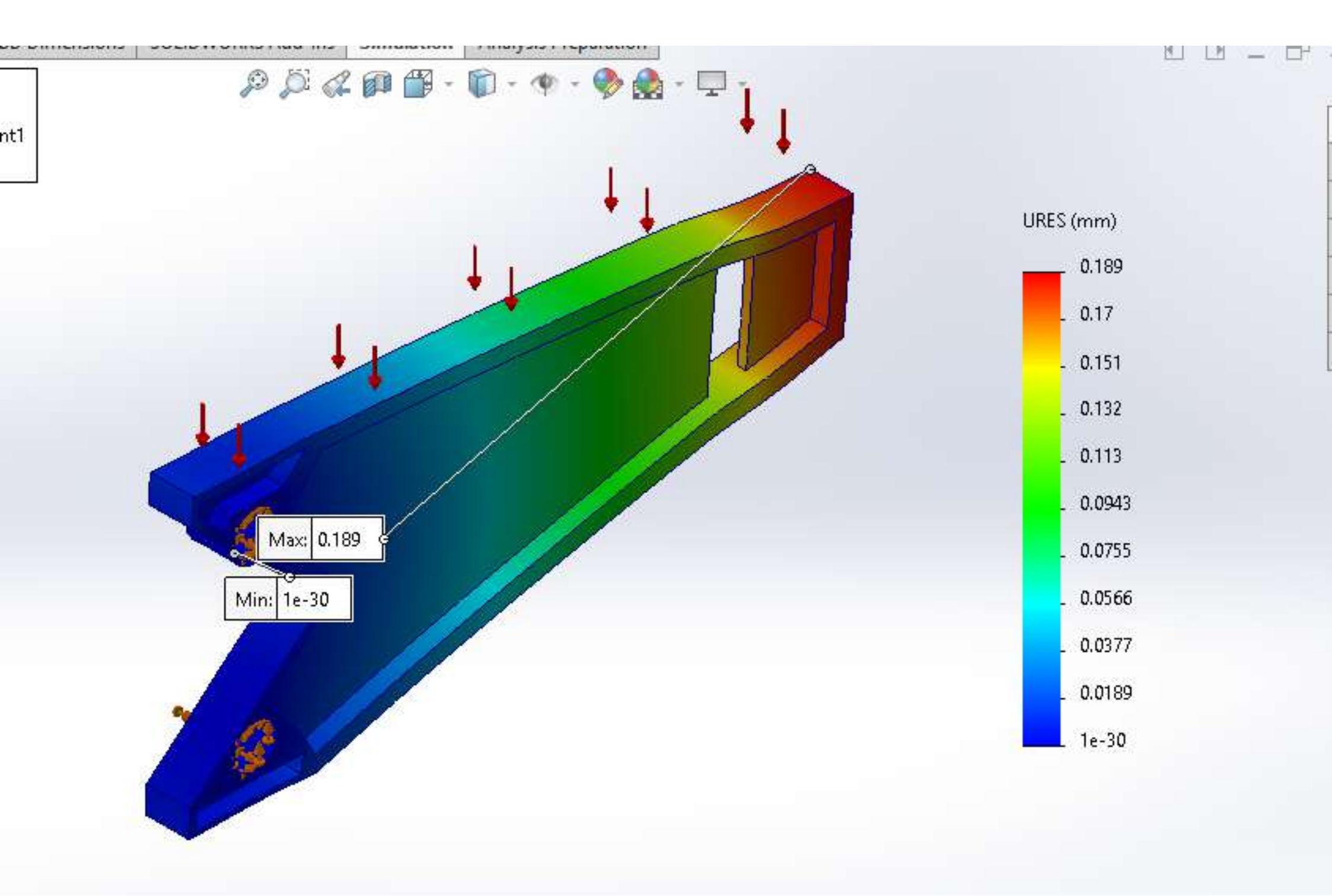
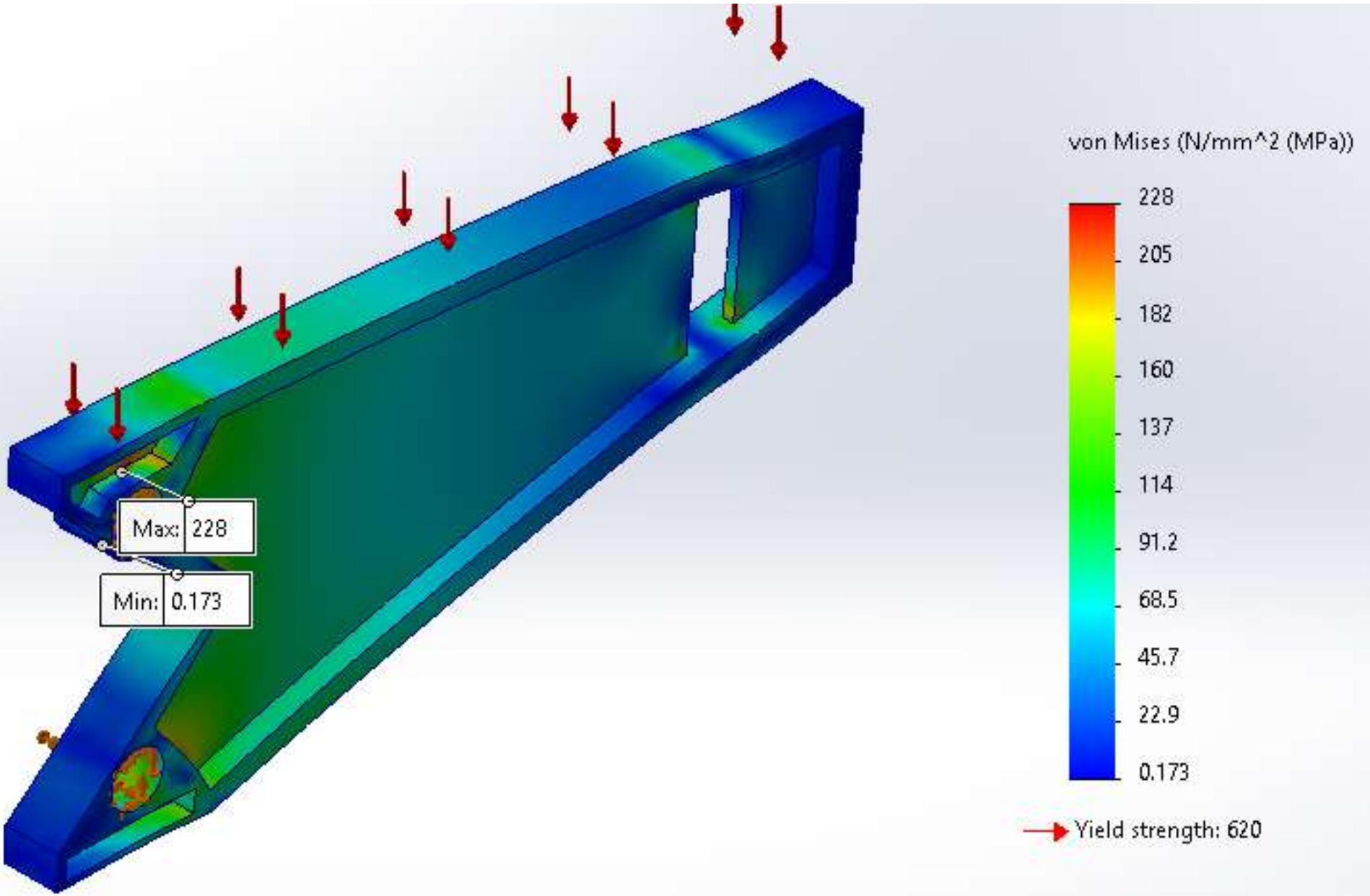

Mass Properties
Part1
Options...
Override Mass Properties...
Recalculate
Include hidden bodies/components
Create Center of Mass feature
Show weld bead mass
Report coordinate values relative to:
-- default --
Mass properties of Part1
Configuration: Default
Coordinate system: -- default --
Density = 0.00 grams per cubic millimeter
Mass = 25.49 grams
Volume = 25489.93 cubic millimeters
Surface area = 21693.80 square millimeters


Max: 3.59e+03
Min: 2.72
FOS
3.59e+03
3.23e+03
2.87e+03
2.51e+03
2.15e+03
1.79e+03
1.44e+03
1.08e+03
719
361
2.72


URES (mm)
0.189
0.17
0.151
0.132
0.113
0.0943
0.0755
0.0566
0.0377
0.0189
1e-30
Max: 0.189
Min: 1e-30


Max: 228
Min: 0.173
von Mises (N/mm^2 (MPa))
228
205
182
160
137
114
91.2
68.5
45.7
22.9
0.173
Yield strength: 620