

The logo for SVS FEM features the text "SVS FEM" in a bold, black, sans-serif font. The text is positioned on a yellow horizontal bar that has a slight gradient and a shadow effect. Below the yellow bar is a solid black horizontal line.

SVS FEM

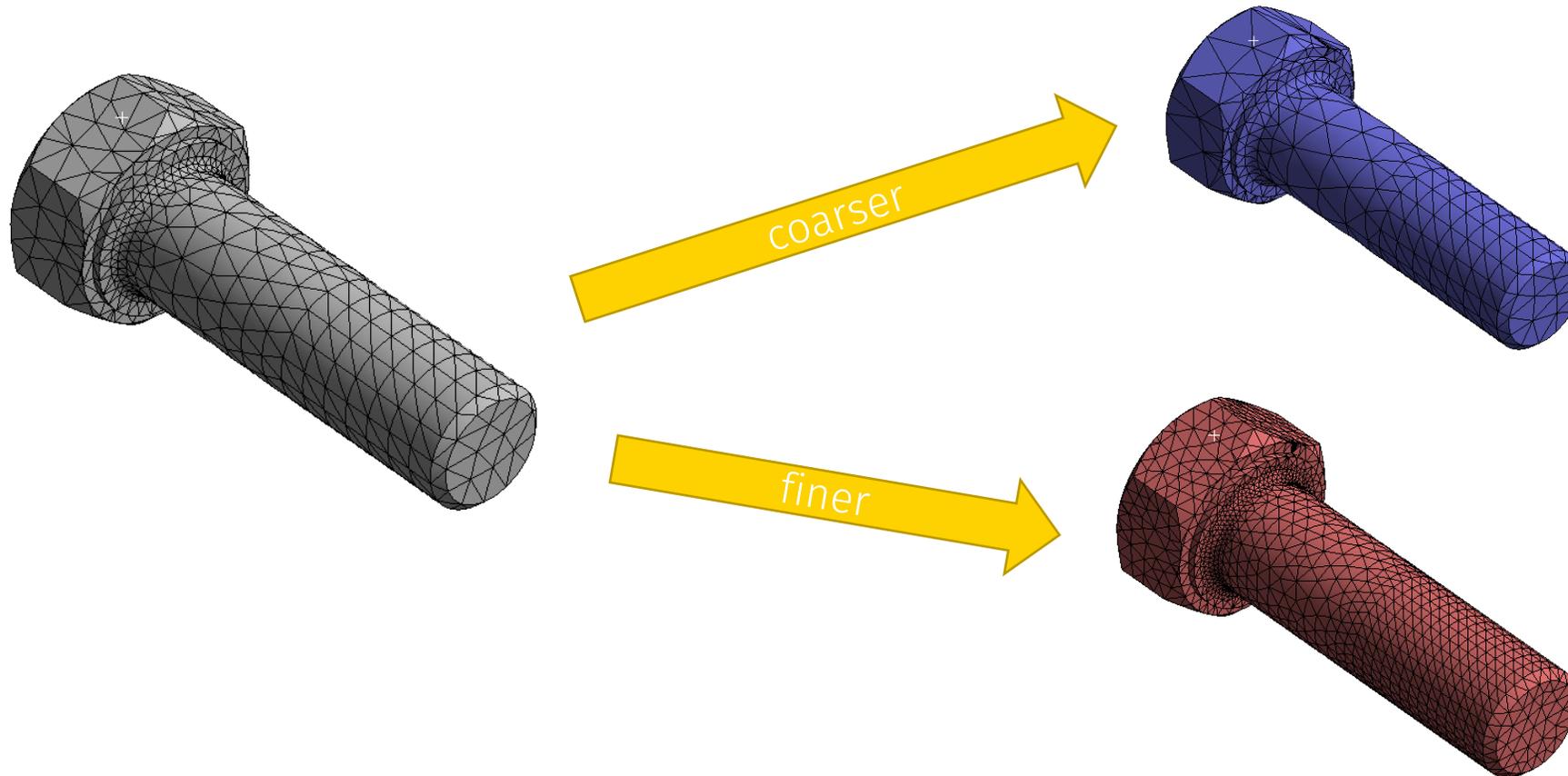
Mesh Settings Scaling

Your partner in computing

— Description

Modul: Mechanical

Change all mesh sizing settings by scale factor on one click.



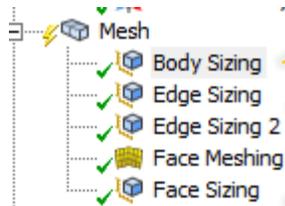
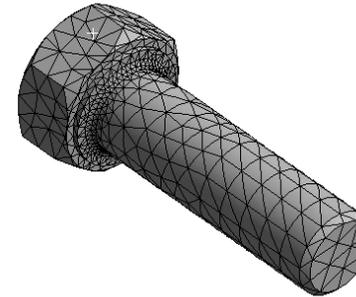
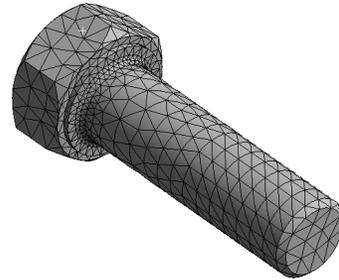


Controls



Coarser (scale +10%)

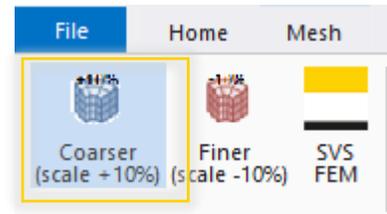
Adds 10% of size to all mesh size settings e.g: 10 mm → 11 mm



Definition	
Suppressed	No
Type	Element Size
<input type="checkbox"/> Element Size	3.0 mm
Advanced	
<input type="checkbox"/> Defeature Size	5.e-002 mm
<input type="checkbox"/> Growth Rate	Default (1.85)
Capture Curvature	Yes
<input type="checkbox"/> Curvature Normal Angle	Default (70.395°)
<input type="checkbox"/> Local Min Size	0.1 mm
Capture Proximity	No

Definition	
Suppressed	No
Type	Number of Divisions
<input checked="" type="checkbox"/> Number of Divisions	4

Definition	
Suppressed	No
Type	Element Size
<input type="checkbox"/> Element Size	0.75 mm



Definition	
Suppressed	No
Type	Element Size
<input type="checkbox"/> Element Size	3.3 mm
Advanced	
<input type="checkbox"/> Defeature Size	5.5e-002 mm
<input type="checkbox"/> Growth Rate	Default (1.85)
Capture Curvature	Yes
<input type="checkbox"/> Curvature Normal Angle	Default (70.395°)
<input type="checkbox"/> Local Min Size	0.11 mm
Capture Proximity	No

Definition	
Suppressed	No
Type	Number of Divisions
<input type="checkbox"/> Number of Divisions	3

Definition	
Suppressed	No
Type	Element Size
<input type="checkbox"/> Element Size	0.825 mm

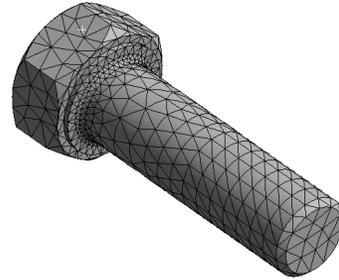


Controls



Finer (scale -10%)

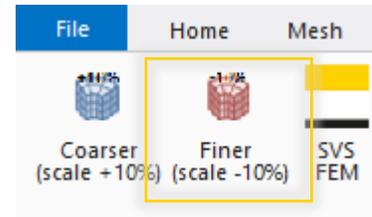
Subscribes 10% of size to all mesh size settings e.g: 10 mm → 9 mm



Definition	
Suppressed	No
Type	Element Size
<input type="checkbox"/> Element Size	3.0 mm
Advanced	
<input type="checkbox"/> Defeature Size	5.e-002 mm
<input type="checkbox"/> Growth Rate	Default (1.85)
Capture Curvature	Yes
<input type="checkbox"/> Curvature Normal Angle	Default (70.395°)
<input type="checkbox"/> Local Min Size	0.1 mm
Capture Proximity	No

Definition	
Suppressed	No
Type	Number of Divisions
<input checked="" type="checkbox"/> Number of Divisions	4

Definition	
Suppressed	No
Type	Element Size
<input type="checkbox"/> Element Size	0.75 mm



Definition	
Suppressed	No
Type	Element Size
<input type="checkbox"/> Element Size	2.7273 mm
Advanced	
<input type="checkbox"/> Defeature Size	4.5455e-002 mm
<input type="checkbox"/> Growth Rate	Default (1.85)
Capture Curvature	Yes
<input type="checkbox"/> Curvature Normal Angle	Default (70.395°)
<input type="checkbox"/> Local Min Size	9.0909e-002 mm
Capture Proximity	No

Definition	
Suppressed	No
Type	Number of Divisions
<input type="checkbox"/> Number of Divisions	5

Definition	
Suppressed	No
Type	Element Size
<input type="checkbox"/> Element Size	0.68182 mm

**Thank you for using
SVS FEM ACTs**

SVS FEM

www.svsfem.cz