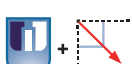
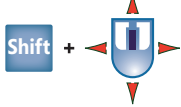


 Select	
 Single-click	Click to select one object
 Double-click	Double-click to cycle through Face / Edge / Curve loops
 Triple-click	Triple-click to select all the faces of a body
 Ctrl + Click	Add or remove an object from the selection
 Shift + Click	Select all objects between the original selection and this object
 Alt + Click	Select a driving or alternate object for many tools (in blue)
 Click in box	Select all objects completely within the box
 Click in box	Select all objects partially within the box
 Scroll	Select other objects under the cursor
 Click + Drag	- Click to get command menus - Drag to invoke gesture shortcuts
	Use the Select-Bounds toolguide to stop the propagation of selected faces and edges
	Revert to the last set of selected items
 Esc	To exit current tool and return to selection

 Orient	
	Spin
 Ctrl + 	Zoom
 	Scroll
 Shift + 	Pan
 + 	Snap View
 Shift + 	Double-click
 H	Home View
 +  V	Plan View
 Double-click	Zoom Fit selection
Anything selected +  Z	
	
Previous view	Next view

 Dimension	
 Spacebar	Edit dimension while dragging
 Tab	Toggle between editable dimensions
 Shift + 	Hover over geometry to dimension from it while sketching
 Enter	- Accept the dimension value - Complete most tools
 Shift + Alt + 	Create temporary objects
 	Create a linear / angular ruler dimension
 Ctrl + G	Create Group and store ruler dimension
	Drive a ruler dimension with an Annotation dimension
 U	Select an Up To reference

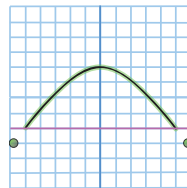
 Files	
 Ctrl + S	Save
 Ctrl + Shift + S	Save As
 Ctrl + Alt + S	Save As New Version

Sketch & Section

	- Select sketch curves and use model edges - Select faces and edges by their section lines and points
	Drag sketch and section curves
	Move and Rotate curves

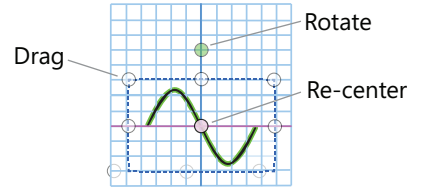
Splines

Select entire spline to move



- Add spline point
- Remove spline point
- Measure curvature
- Drag endpoint tangency

Scale/Rotate



☐ Fix Aspect Ratio  Reorient Box

Ctrl

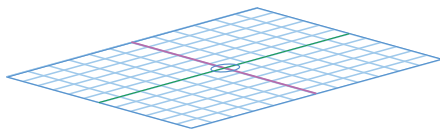
- Press to copy in Drag and Move
- Toggle extension indicators

Shift

- Toggle snapping to grid
- Grab dimension reference

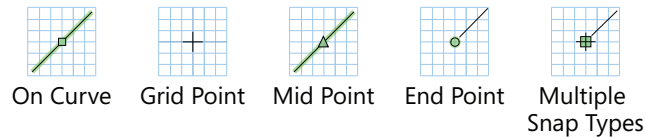
Esc

- Cancel an in-progress action

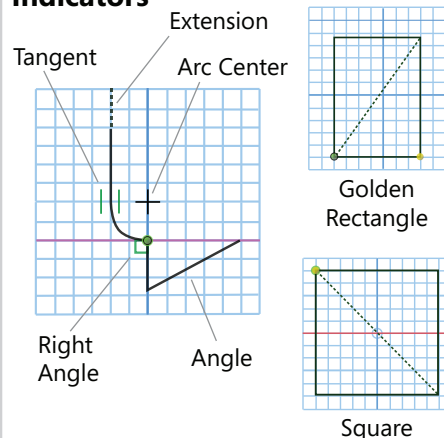


 Back to 3D
  New sketch grid location (re-select)
  Move sketch grid
  Plan View

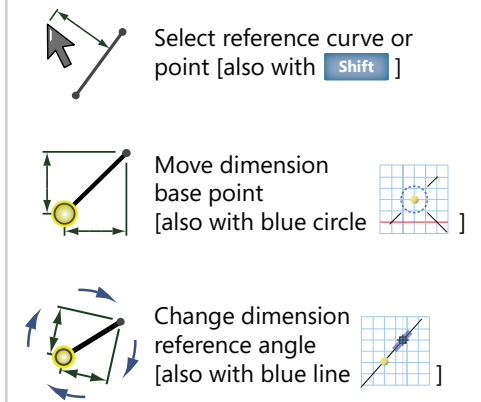
Snap



Indicators

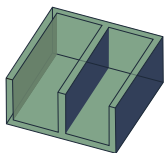


Dimension Anchors



Associations

Offset & Shell



Create with  and  tools

☐ Show offset baseline faces

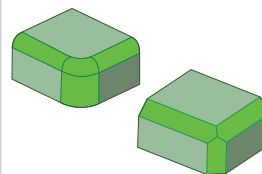
Pull option: ☐ Maintain offset

Change face property: None

Change face offset

This face
Other face
Center

Round & Chamfer

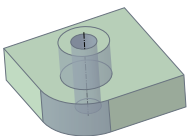


Create by pulling  edges

Toggle with  +  

Remove with  or by changing face property

Coaxial

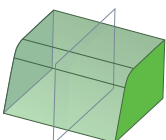


Create:  + Create Coaxial Group

Remove:  + Remove from Coaxial Group

Change:  + Set Cylinder Diameter

Mirror

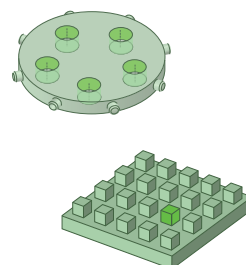


Set up: face + face + 

Add to:  then  or  **Ctrl**

Remove:  then  **Ctrl**

Pattern



Create with  Move + ☒ Create Patterns

Remove with  + Unpattern Member

Works on:

- Solids, surfaces, curves, planes, beams
- Protrusions and depressions
- Components
- Imported features of interest

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