



This Quick Reference Card (QRC) is a look-up of the most useful shortcuts relevant to the main features of DesignSpark Mechanical. This is an overview that compliments our detailed tutorials and resources. We recommend you print this QRC and use it when transforming your next big idea into a real concept design.

Select		Orient		Dimension	
	Single-click	Click to select one object		Spin	
	Double-click	Double-click to cycle through Face / Edge / Curve loops		Zoom	
	Triple-click	Triple-click to select all the faces of a body		Scroll	
	Ctrl + Click	Add or remove an object from the selection		Shift + Click	
	Shift + Click	Select all objects between the original selection and this object		Pan	
	Alt + Click	Select a driving or alternate object for many tools (in blue)		Snap View	
	Select all objects completely within the box				
	Select all objects partially within the box				
	Scroll	Select other objects under the cursor		Home View	
	Click + Drag	• Click to get command menus • Drag to invoke gesture shortcuts			
	Esc	• Exit current tool and return to selection • Click drop-down arrow for more options such as area and boundary selection	Anything selected + Z	Zoom Fit selection	
		Revert to the last set of selected items		Previous view	
		To exit current tool and return to selection		Next view	
Files					
					Ctrl + S
					Save
					Ctrl + Shift + S
					Save As
					Ctrl + Alt + S
					Save As New Version

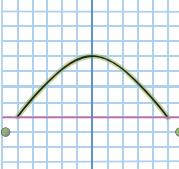


## Sketch & Section

	<ul style="list-style-type: none"> <li>Select sketch curves and use model edges</li> <li>Select faces and edges by their section lines and points</li> </ul>
	Drag sketch and section curves
	Move and Rotate curves

### Splines

Select entire spline to move

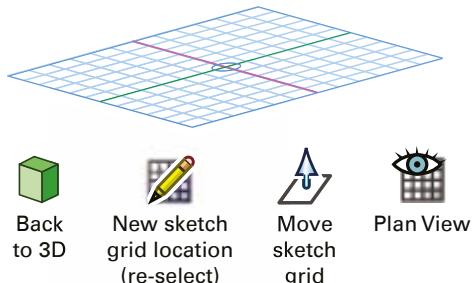


- Add spline point
- Remove spline point
- Measure curvature
- Drag endpoint tangency

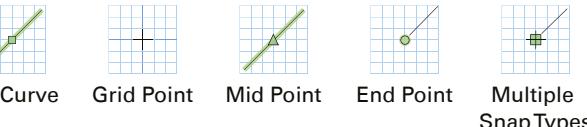
**Ctrl** • Press to copy in Drag and Move  
• Toggle extension indicators

**Shift** • Toggle snapping to grid  
• Grab dimension reference

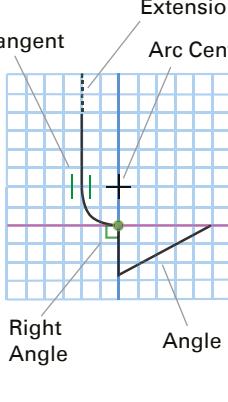
**Esc** • Cancel an in-progress action



### Snaps



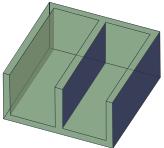
### Indicators



### Dimension Anchors

## Associations

### Shell



Create with tool

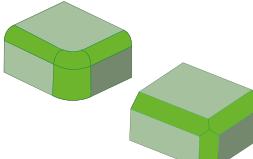
Show offset baseline faces

Pull option:  Maintain offset

Change face property:

Change face offset

### Round & Chamfer

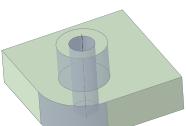


Create by pulling edges

Toggle with +

Remove with or by changing face property

### Coaxial

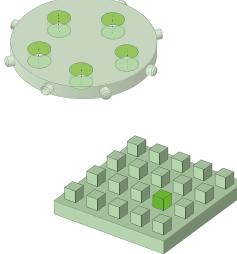


Create: + Create Coaxial Group

Remove: + Remove from Coaxial Group

Change: + Set Cylinder Diameter

### Pattern



Create with +  Create Patterns

Remove with + Unpattern Member

Works on:

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