Creo Elements / Direct Modeling 20.1 cheat sheet

General

F1	Help on current context
F2	Select objects
F3	Global axes on/off
F4	Hidden on/off
F5	3D geometry on/off
F6	3D shaded/wire
F7	Workplane borders on/off
F8	Workplane axes on/off
F11	Toggle full screen view
F12	Toggle Structure Browser if undocked else toggle Browser bar
Shift + Space	Show or hide the command dialog box when you perform an operation in the viewport without opening a command dialog box. For example, 1. Select any 3D edge (edge of a cube) in the viewport and drag the 3D CoPilot dragger. 2. Press Shift (plus) Space to show or hide the Create Blend dialog box.
Del	Delete preselected parts, assemblies, workplanes, 2D elements and 3D annotations in the viewport
Tab	If you move the cursor over a face within multiple faces and if the face is highlighted (using Fly-by highlighting), then press TAB to move to the next method in the selection method sequence (Boss/Pocket, Rib, Slot, Boss, and Pocket) to recognize the face.
Tab	If you move the cursor over a geometric custom feature, and if the feature is highlighted, then press TAB to highlight all the faces of the feature. Press TAB again to highlight the face that is just below the cursor. The tooltip changes each time that you press TAB.
Tab	If you select multiple elements and objects in the viewport, press TAB to go to the next selection in the selection list.
Space	If you have initiated a command, press SPACE to open the Option Mini Toolbar and to quickly find the suitable options of the command.
Shift + Tab	If you move the cursor over a face within multiple faces and if the face is highlighted (using Fly-by highlighting), then press SHIFT + TAB to move to the previous method in the selection method sequence (Boss/Pocket, Rib, Slot, Boss, and Pocket) to recognize the face.
Shift + Tab	If you move the cursor over a geometric custom feature, and if the feature is highlighted, then press SHIFT + TAB to highlight the face that is just below the cursor. Press SHIFT + TAB again to highlight all the faces of the feature. The tooltip changes each time that you press SHIFT + TAB. Tip: Click to select the highlighted elements.
Shift + Tab	If you select multiple elements and objects in the viewport, press SHIFT + TAB to go to the previous selection in the selection list.
Ctrl + C	Copy selection and put it on the Clipboard
Ctrl + F	Search
Ctrl + N	Start Creo Elements/Direct Modeling over with new empty part and workplane
Ctrl + O	Loads a file into Creo Elements/Direct Modeling
Ctrl + Q	Hide/show menus
Ctrl + S	Save selected elements
Ctrl + V	Paste Clipboard contents
Ctrl + X	Cut selection and put it on the Clipboard
Ctrl + Y	Redo one modeling operation

Ctrl + Z	Undo one modeling operation
Ctrl + P	Open the Print dialog box.
Arrow keys	Rotate by 45°
Shift + Arrow keys	Rotate by 3°
Ctrl + Arrow keys	Pan
Ctrl + Tab	Activate Probe for 3D elements and 3D objects to select a geometry that is hidden by another geometry

CoPilot

B	Toggle between straight line and arc
Z	Undo the last segment
Shift	Toggle snapping while key is held
Page Up	Increase adaptive grid size
Page Down	Decrease adaptive grid size
Home	Reset adaptive grid to default size

Mouse

Left click	Select
Middle click	OK (when mouse is still); Dynamic rotate (while dragging mouse)
Right click	Pop-up menu (when mouse is still); Dynamic pan (while dragging mouse)
Shift + Left click	Select list start/resume
Shift + Double click	Select list remove
Shift + Middle click	Select list done
Shift + Right click	Catch/select/show pop-up menu
Ctrl + Left click	Dynamic pan
Ctrl + Middle click	Dynamic rotate
Ctrl + Right click	Dynamic zoom
Shift + Ctrl + Left click	Catch center
Shift + Ctrl + Middle click	Rotate around the Vport-axis
Alt + Middle click	If you click the middle mouse button over a face while you hold the ALT key, a new workplane will be created parallel to this face and the 2D CoPilot starts in Line/Arc mode. If the face is not planar, the workplane's normal direction will be the normal direction of the face where you picked the face.
Shift + Alt + Middle click	If you hold down the ALT and SHIFT keys and click a planar face with the middle mouse button, you initiate a command to move this face by its normal direction and length. Creo Elements/Direct Modeling will prompt you to enter the distance to move this face in its normal direction.
Shift + Alt + Left click	If you hold down the ALT and SHIFT keys and click a face with the left mouse button, you initiate a command to move this face by two points. Creo Elements/Direct Modeling will prompt you to pick the FROM point and then the TO point.

Ribbon

Alt	Show to KeyTip bubble for tabs and buttons. You can then press the key or key sequence shown in the KeyTip bubble to activate the tab or button you want to use
F10	Show to KeyTip bubble for tab and button. You can then press the key or key sequence shown in the KeyTip bubble to activate the tab or button you want to use

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More information: defkey.com/creo-elements-direct-modeling-20-shortcuts

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