ENGR 100
Creo Chapter 5 Cone Clutch
Hole Creation Clarification

Reference:
Designing with Creo Parametric 2.0
Chapter 5 p146-147
1) **Step 41:** Use the **Hole** tool to create a threaded hole in the hub opposite the keyway.” Go to next slide.
2) “First, select the **standard threaded hole**.”

3) “**Select** the outer surface of the hub for the hole placement.”

4) “**Pick** the word **Placement**.”

5) “Use the LMB to **select** the area in the offset reference box.”

Go to next slide.
6) “Select the leftmost surface of the hub”

7) “Select the leftmost surface of the hub, hold down the <Ctrl> key, and pick the FRONT datum plane.” Go to next slide.
8) “With type “Radial” set, make the angle 90.0 degrees from the FRONT datum plane and the axial distance from the right edge surface 0.50 inches.”

9) “Step 42: Select UNC, 1/4-20, and drill to selected point, curve, or surface.”

Go to next slide
10) “Select the FRONT datum plane as the surface.”

11) “Step 43: Select the word **Shape**.

12) “Change the depth of the threads to 0.6 inches.”

Go to next slide
13) Continue at Step 44