

Autodesk Fusion Getting Started tutorial series

Video 16 - Configurations

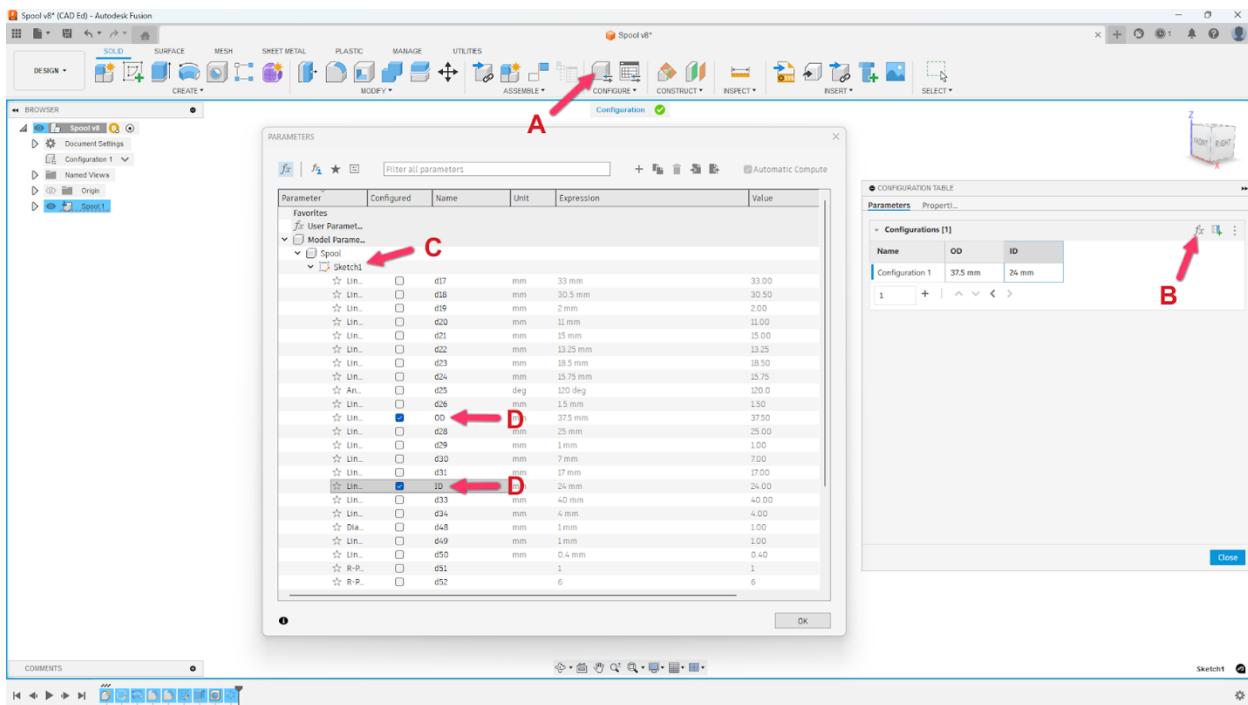


Exhibit 1

In this exhibit, we have clicked on the Configure icon (A) to bring up the Configuration Table. In the Configuration Table, click on the Add Parameters icon (B) and the Parameters Table will appear. Expand open the Sketch1 (C) under Spool and select the OD and ID dimensions (D). Then press OK in the Parameters window.

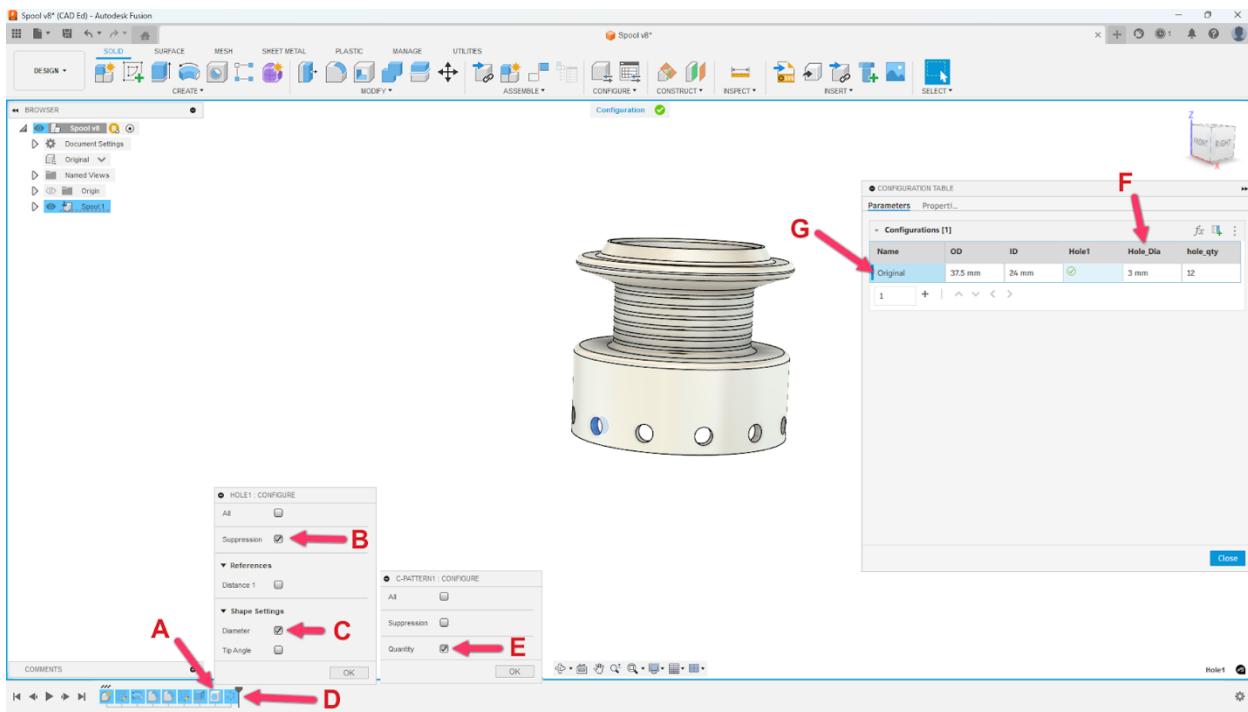


Exhibit 2

In this exhibit, we have clicked on the Hole feature (A) in the Timeline and the Hole Configuration dialog appears. Click on Suppression (B) and Diameter (C) to add those options to the Configuration Table. Click OK, then click on the Pattern feature (D) in the Timeline and select Quantity (E) in the dialog and press OK. In the Configuration Table, rename the hole diameter column to Hole_Dia (F) and rename the configuration to Original (G).

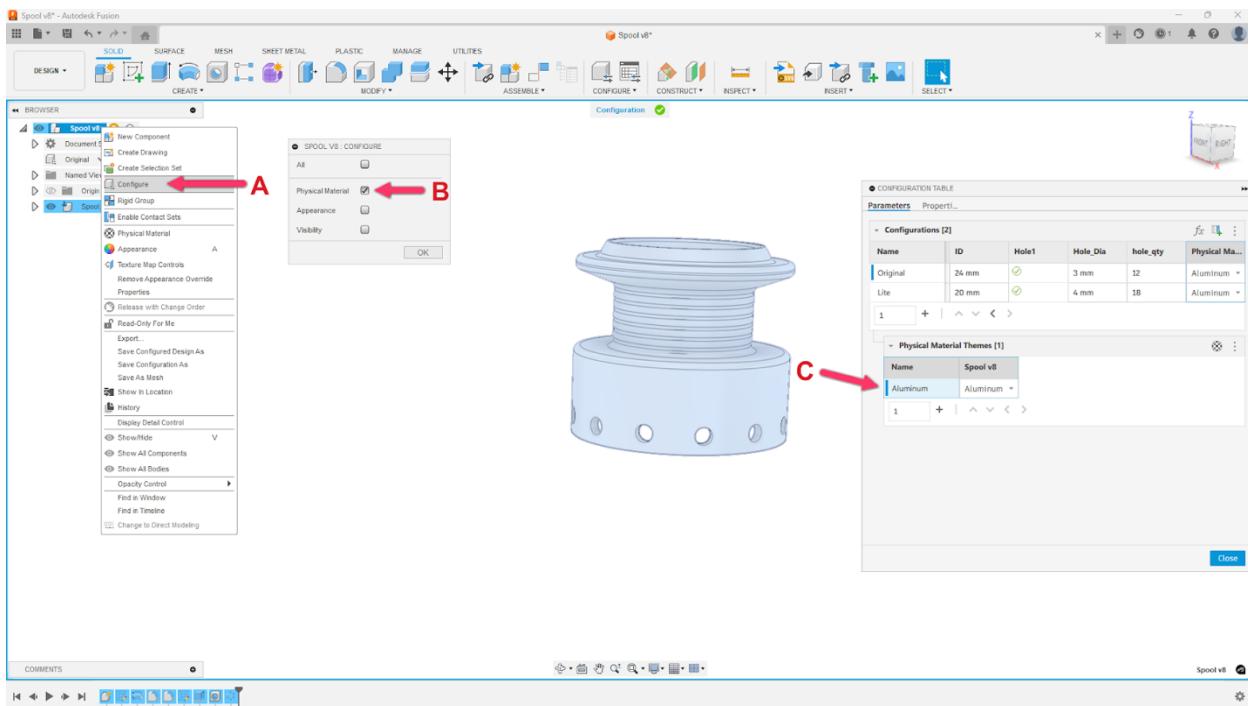


Exhibit 3

In this exhibit, we have right-clicked on the top-level Spool and selected Configure (A) and then Physical Material (B). This adds a Physical Material Theme to the Configuration Table. Rename the theme to Aluminum (C) and then close the Configuration Table.

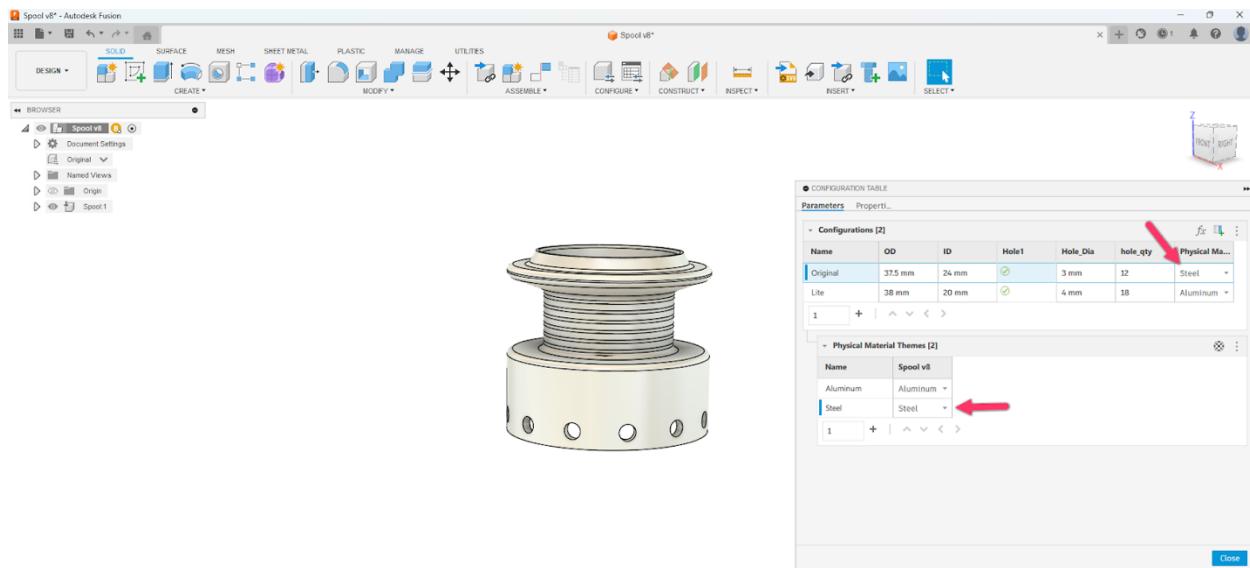


Exhibit 4

In this exhibit, we have added a new Physical Material theme and renamed it to Steel and changed the material to steel from the pull-down. Then, in the Configuration table, change the Physical Material selection to Steel for the Original configuration.

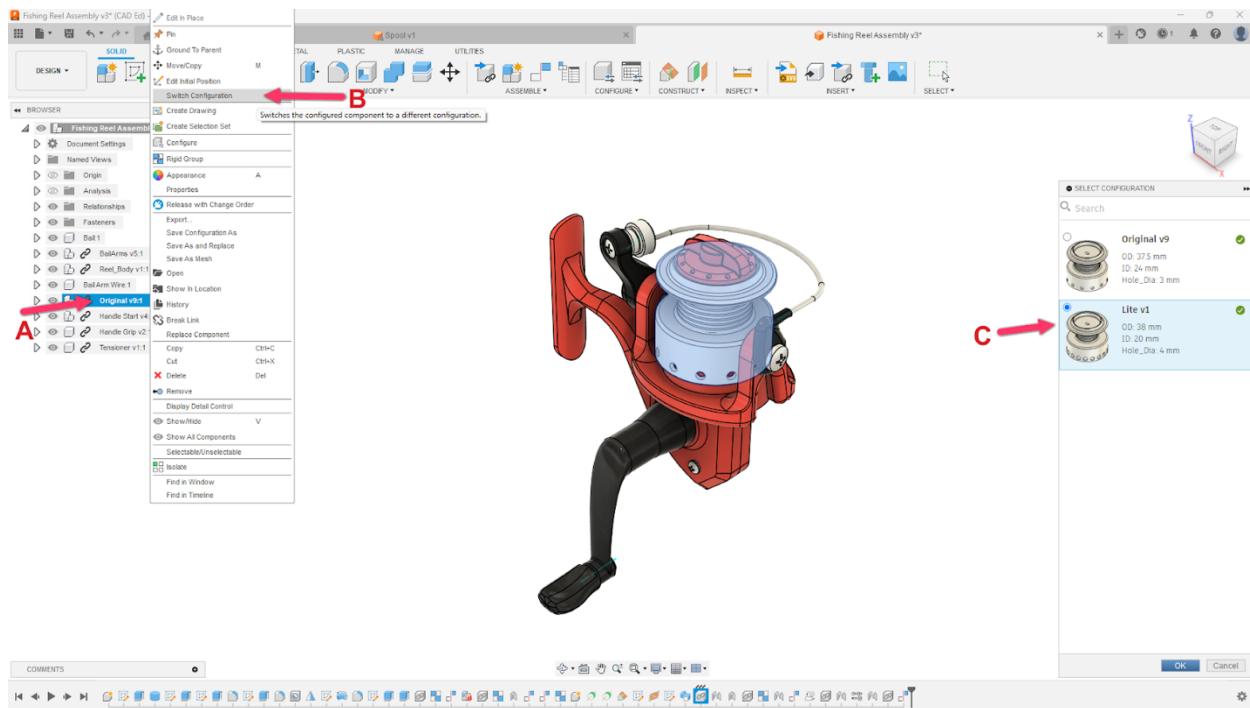


Exhibit 5

In this exhibit, we have right-clicked on the Original Spool (A) in the Browser and then selected Switch Configuration (B) from the menu. This allows you to pick the Lite configuration (C) and have it replaced in the assembly.

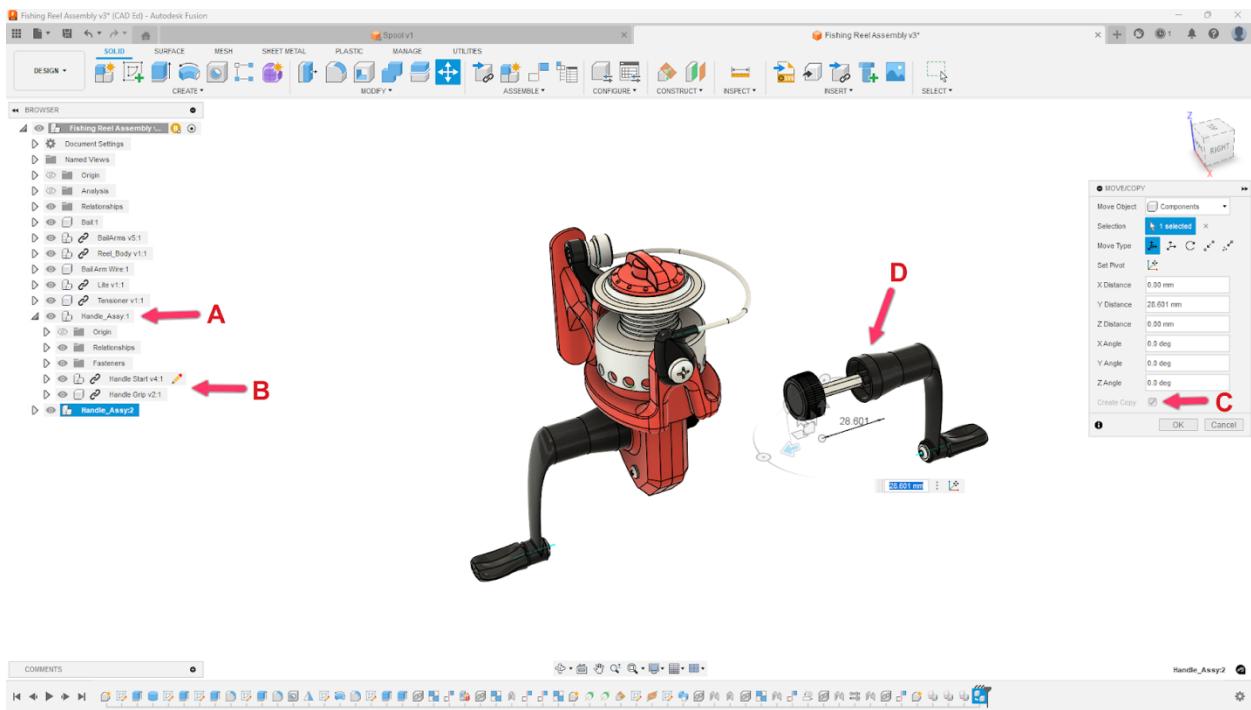


Exhibit 6

In this exhibit, we have created a component called Handle_Assy (A) and dragged Handle Start, Handle Grip, and the Fastener (B) into the Handle_Assy component. Then, right-click on the Handle_Assy component and select Move/Copy. In the Move/Copy dialog, click on Create Copy (C), then move and rotate the copied assembly (D) to the other side of the fishing reel and press OK.

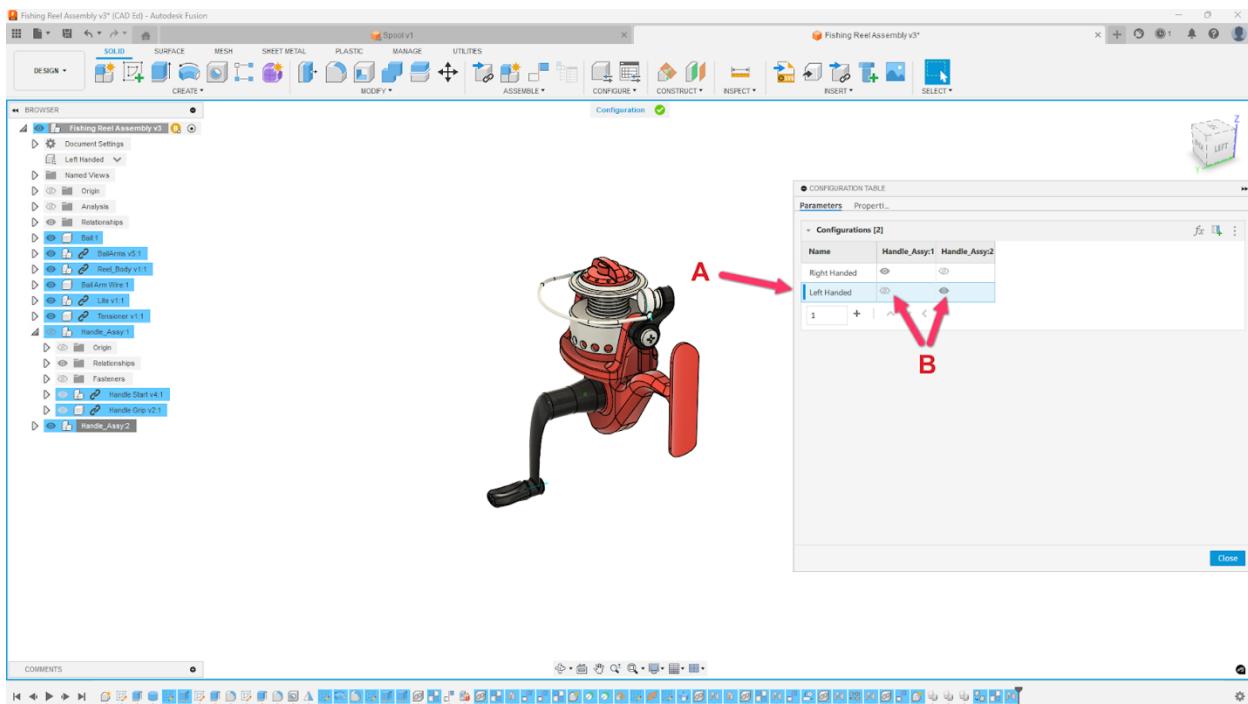


Exhibit 7

In this exhibit, we have created another configuration by pressing the + icon and renamed the configuration Left Handed (A). Then, turn off the visibility option for the first Handle_Assy and turn on the visibility for the second Handle_Assy (B) for the Left Handed configuration. Then, close the Configuration table.

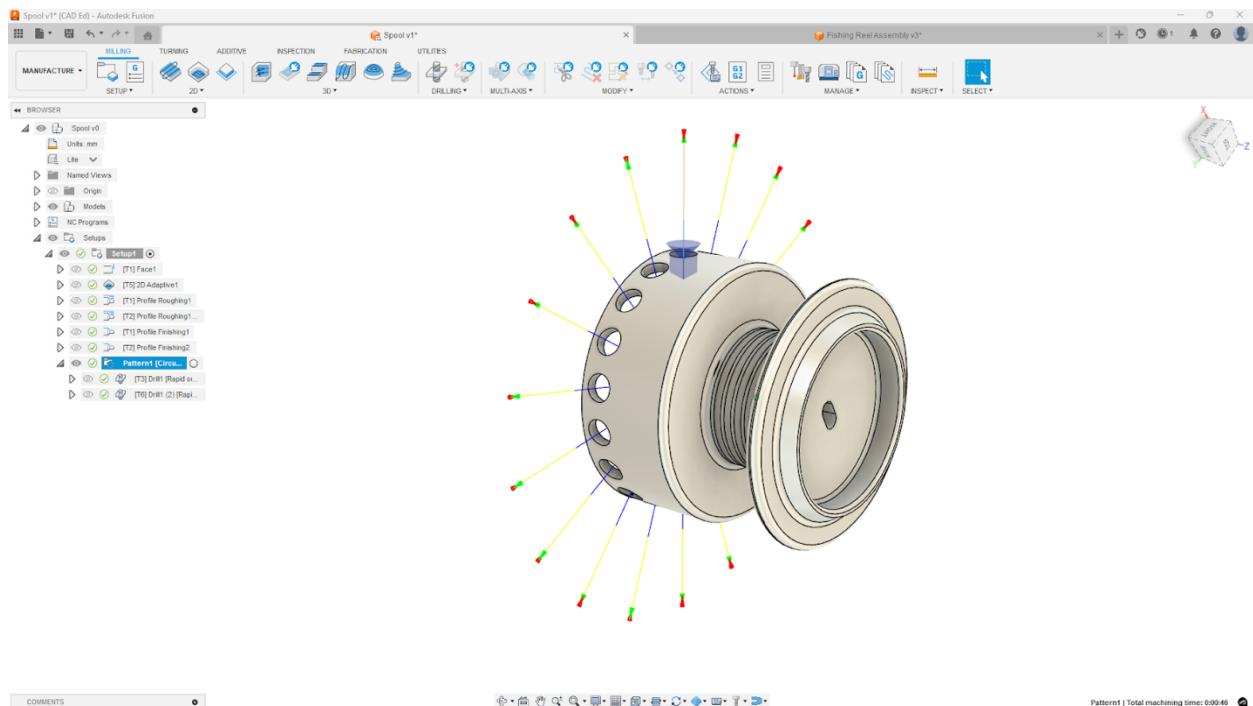


Exhibit 8

In this exhibit, we have regenerated all of the toolpaths under the setup and they all updated to the changes made by the configuration changes. Notice the drill pattern has updated from 12 holes to 18 holes automatically.