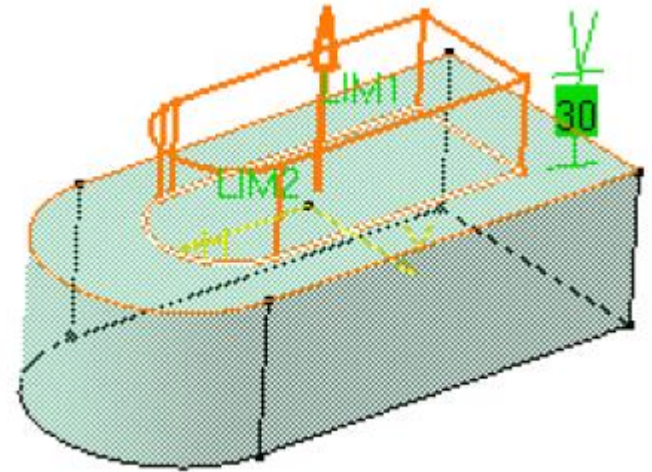
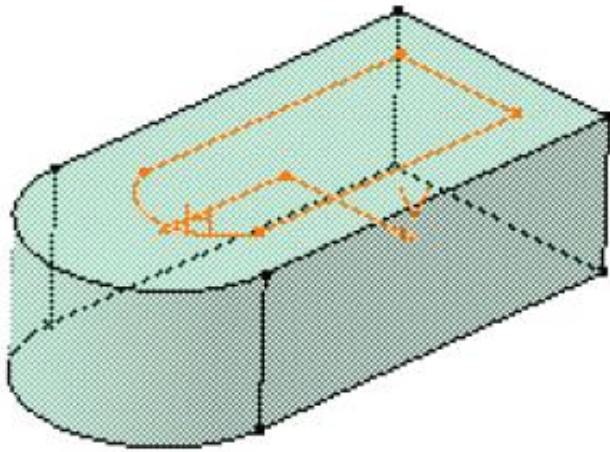
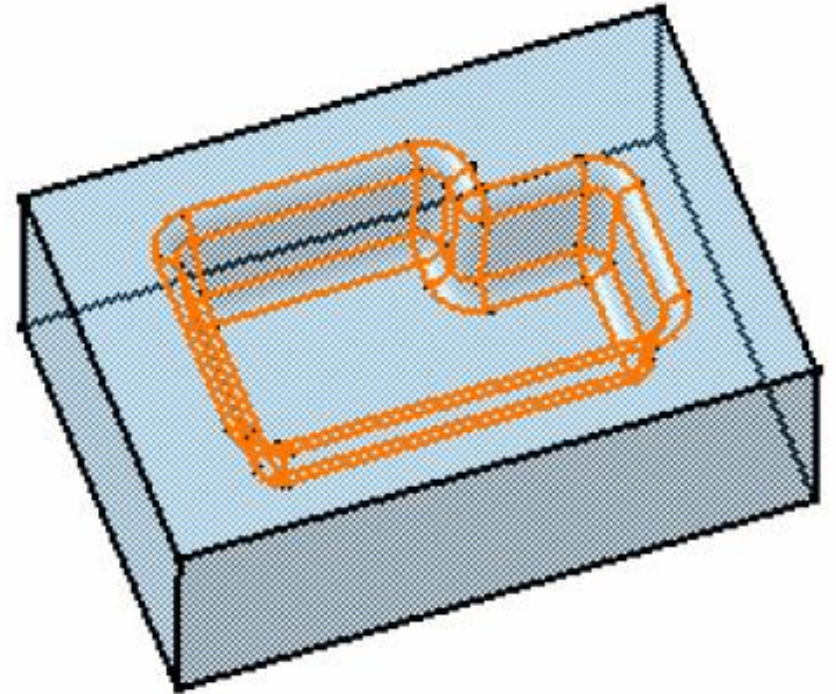
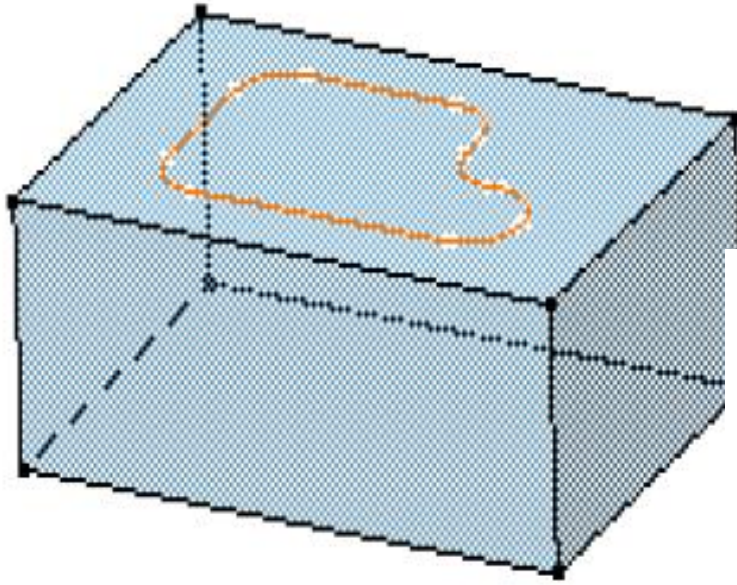


Pad تعلية اعطاء السماكة



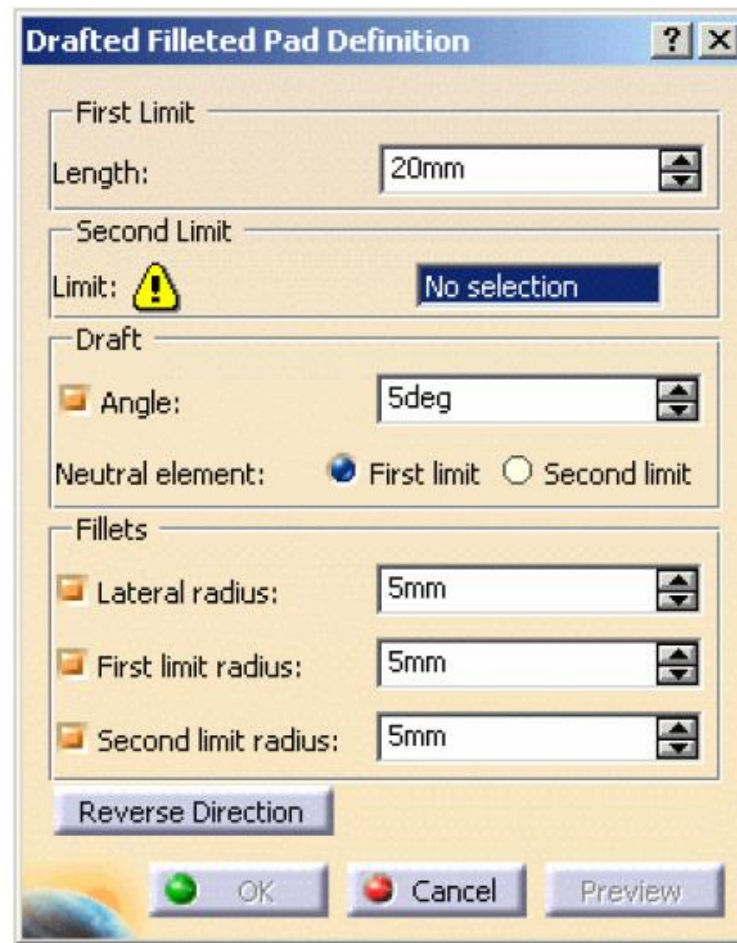
Pocket تعلیمة تفريغ أو التحويل

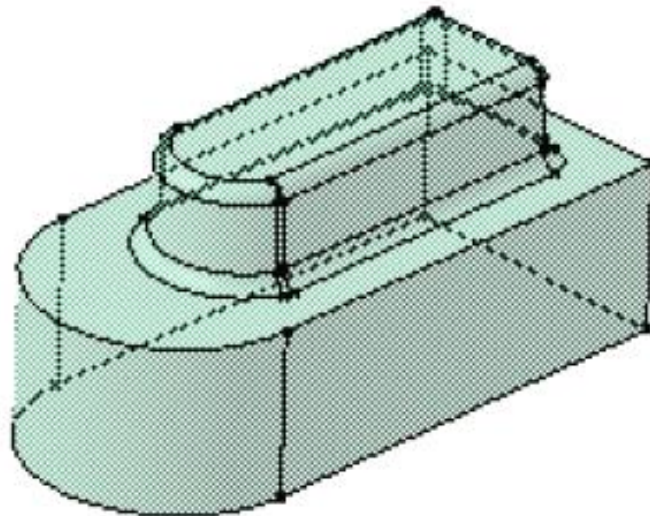
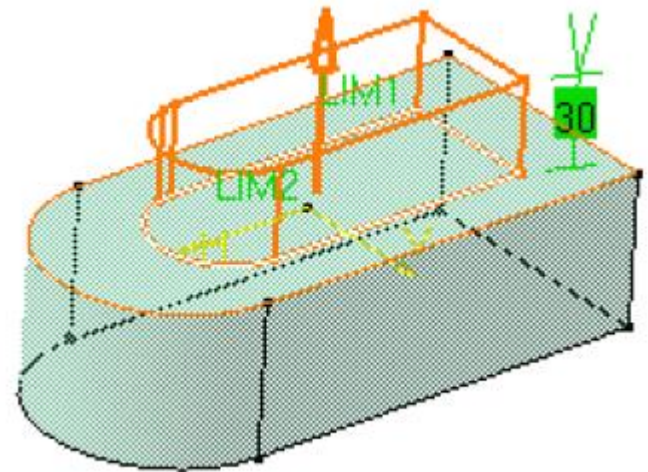
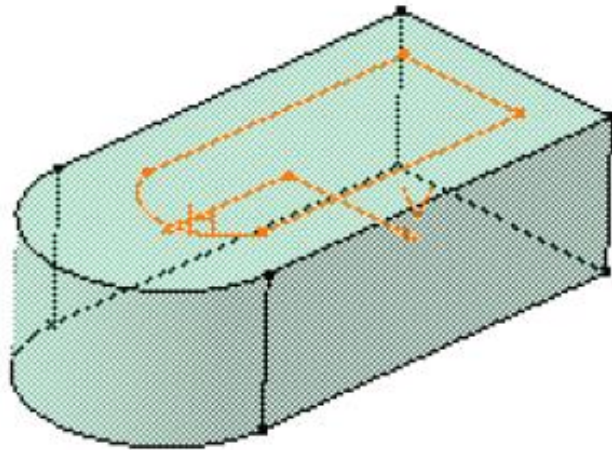


الرسم الصناعي باستخدام الحاسب

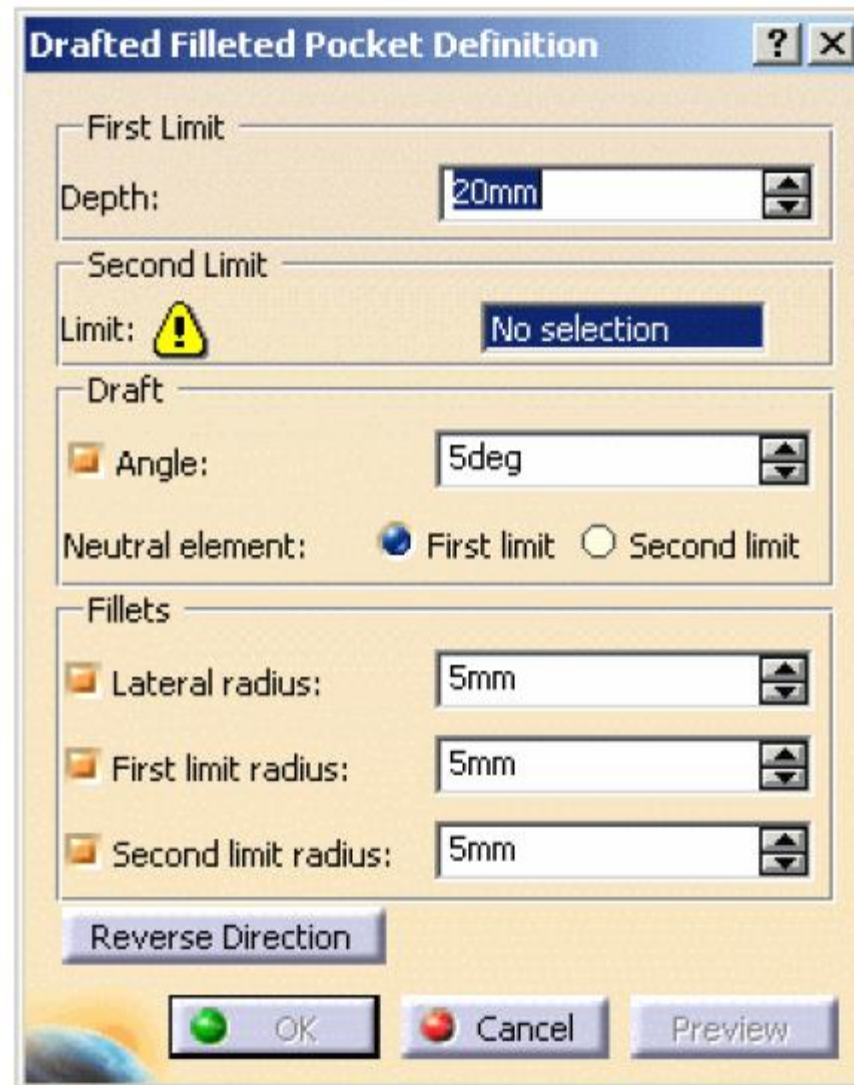
د. تمام سلوم

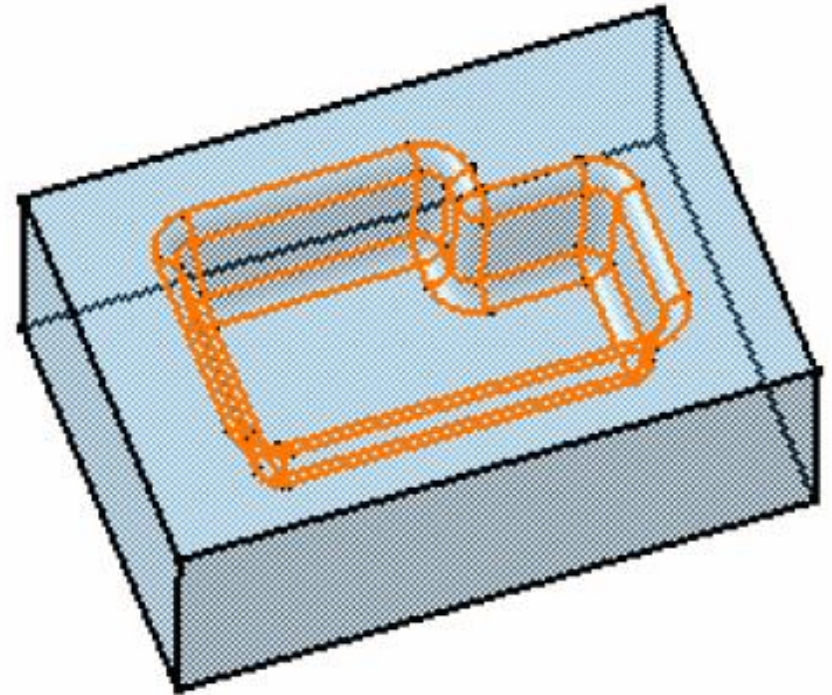
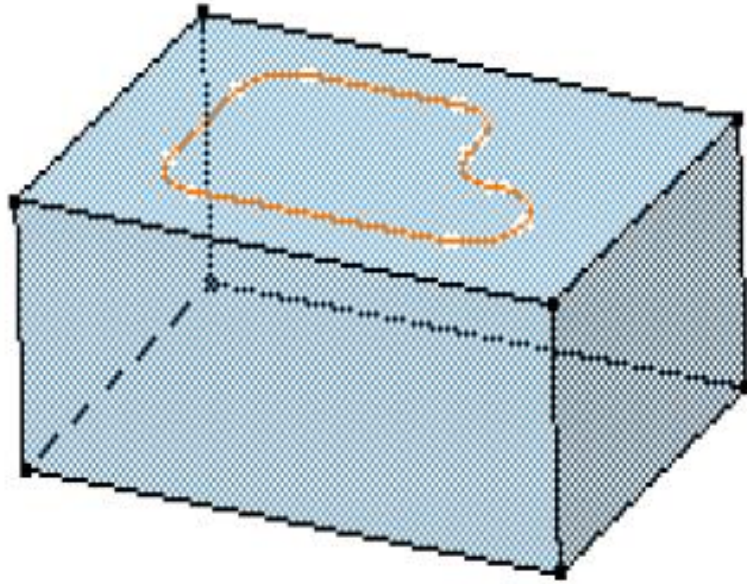
Creating Drafted Filleted Pads





Creating Drafted Filleted Pockets

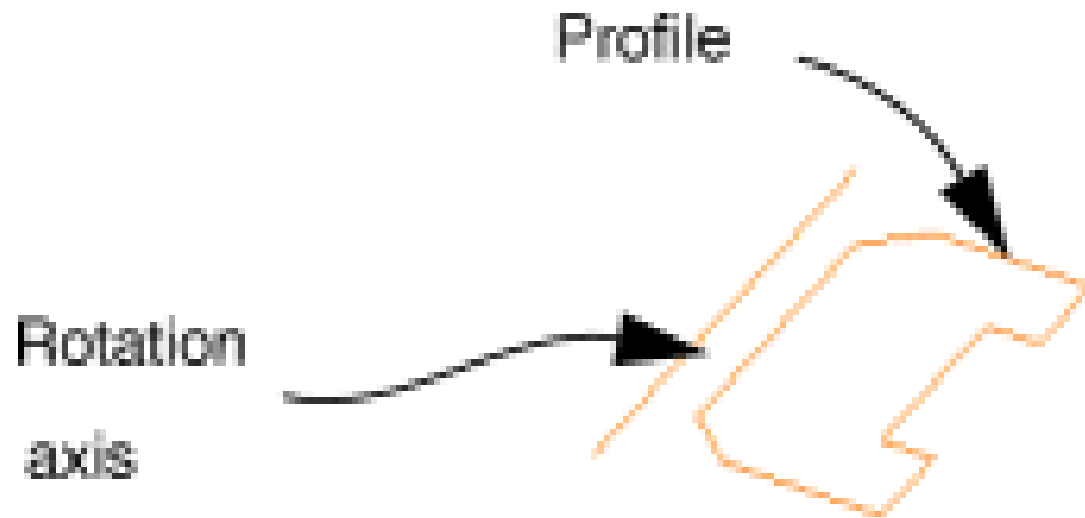


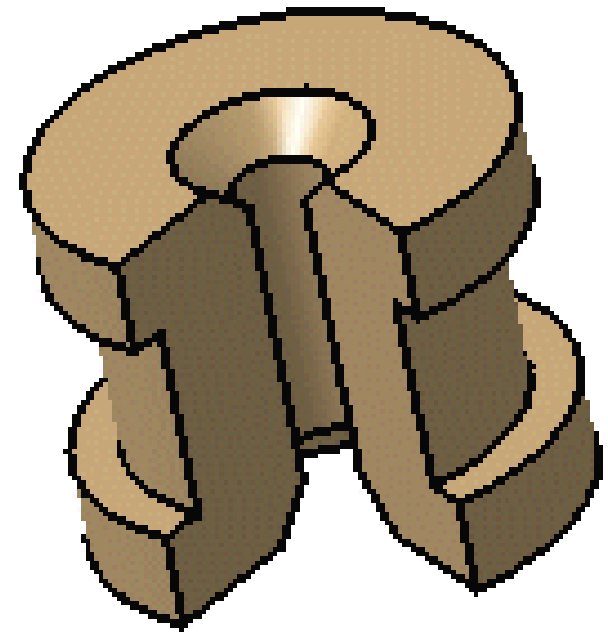
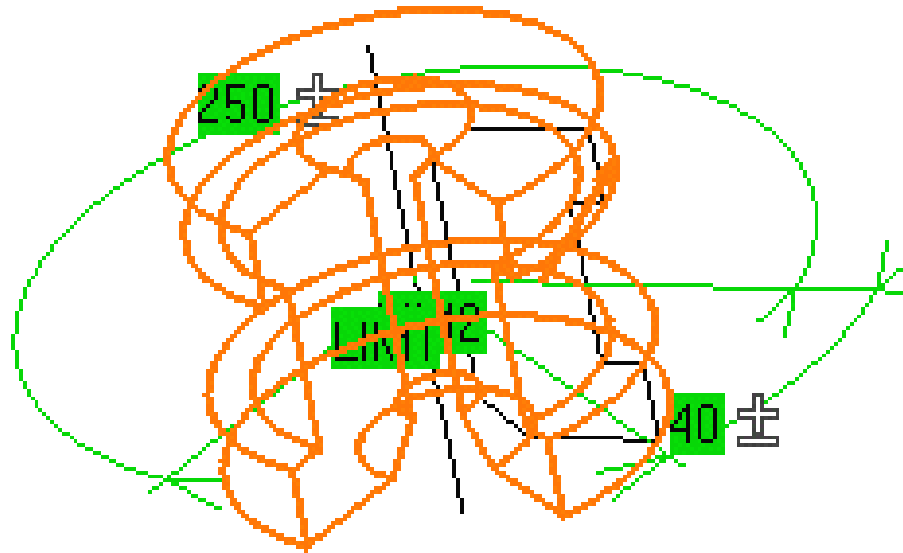


الرسم الصناعي باستخدام الحاسب

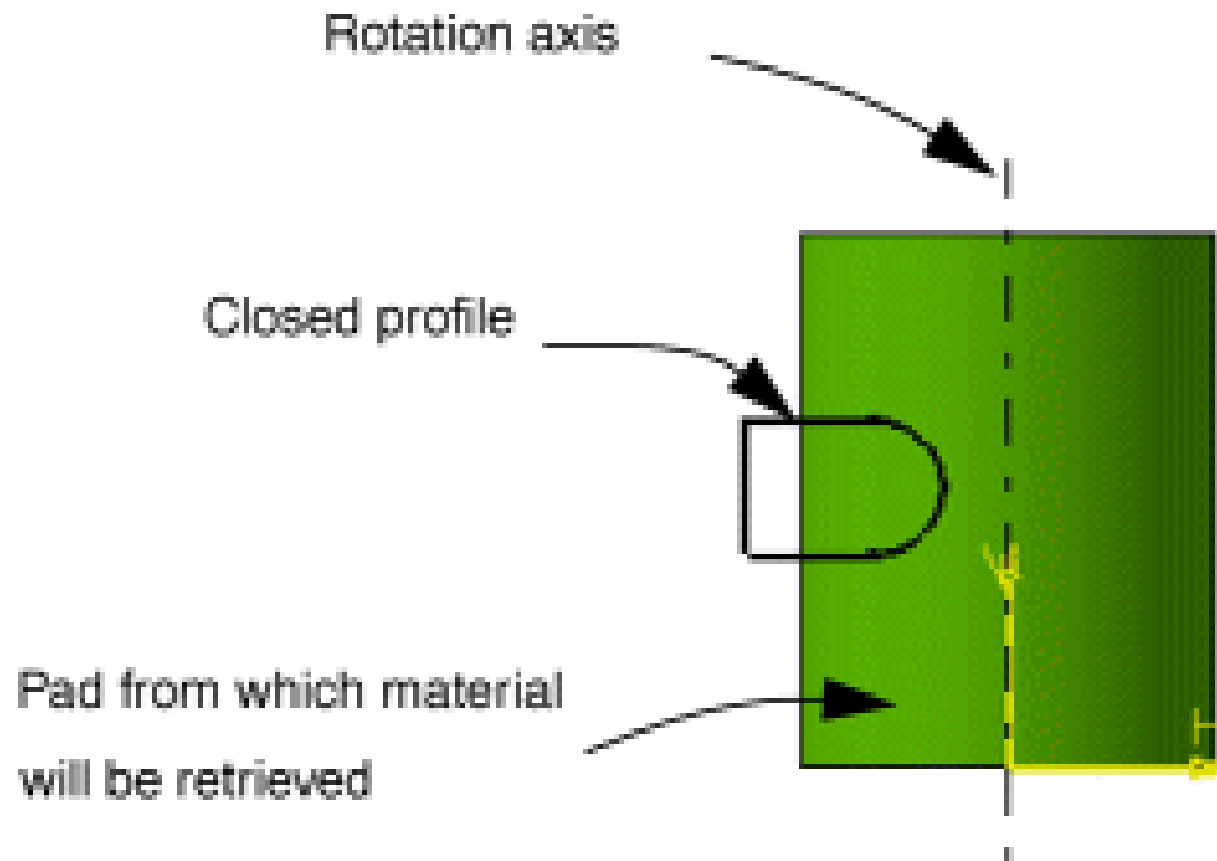
د. تمام سلوم

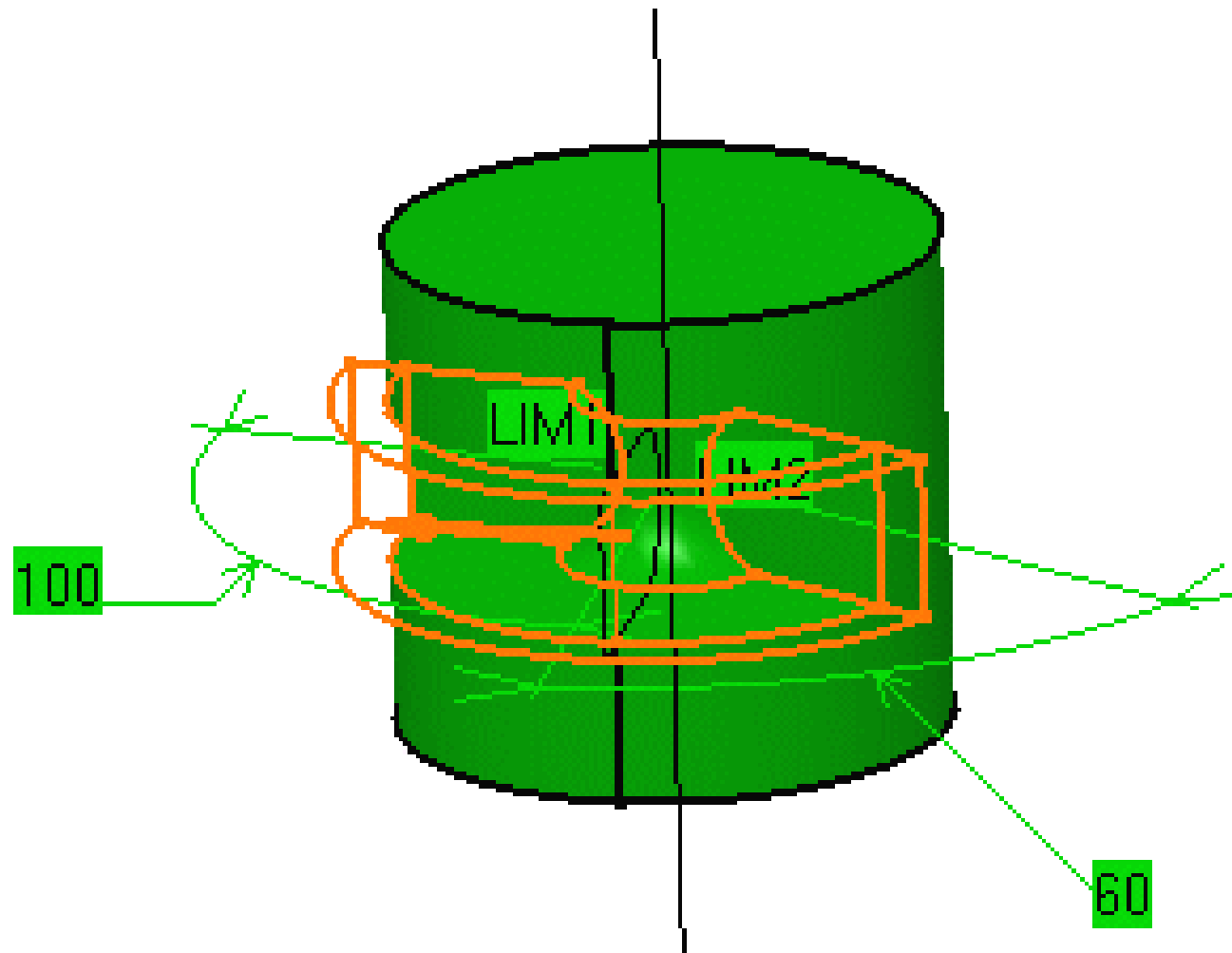
Shaft



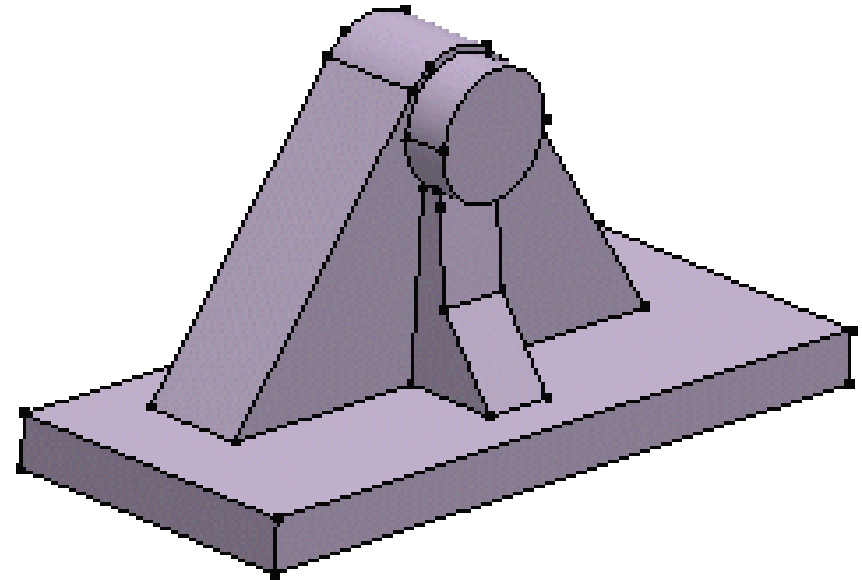
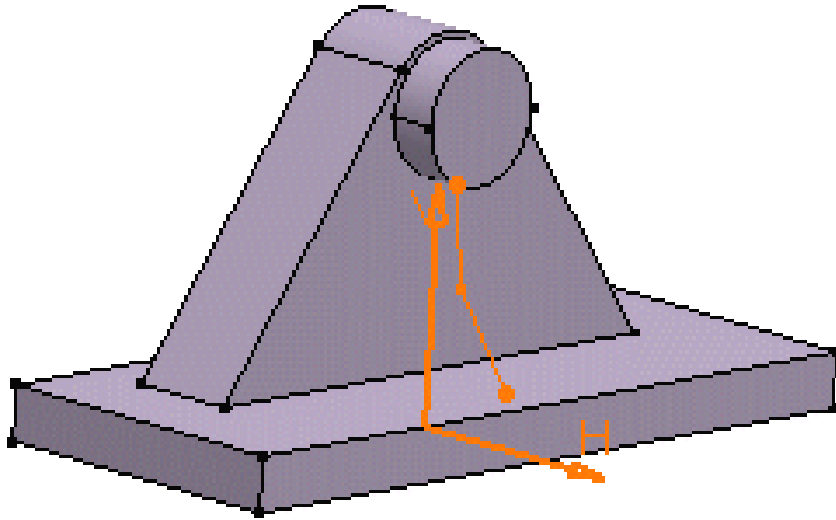


Groove

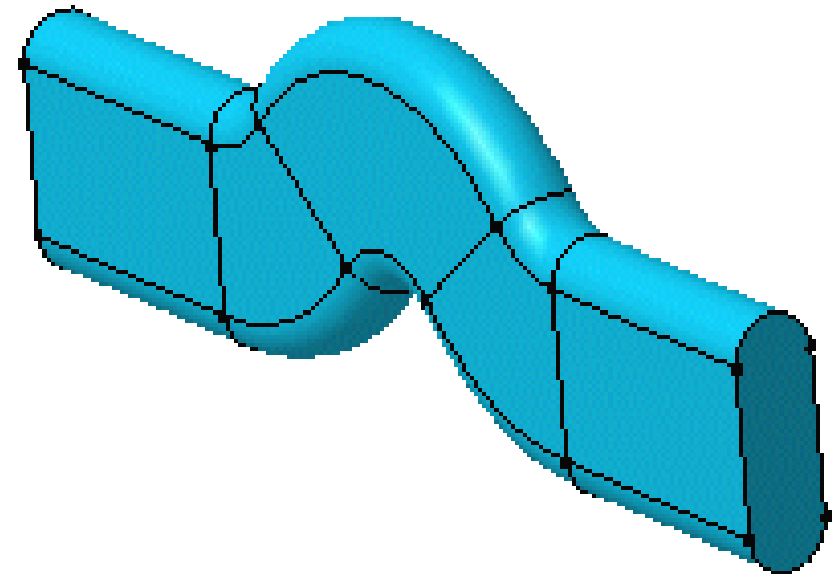
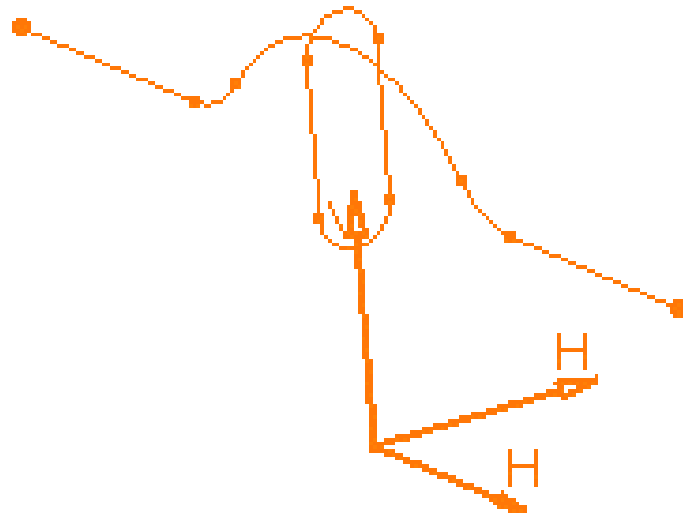




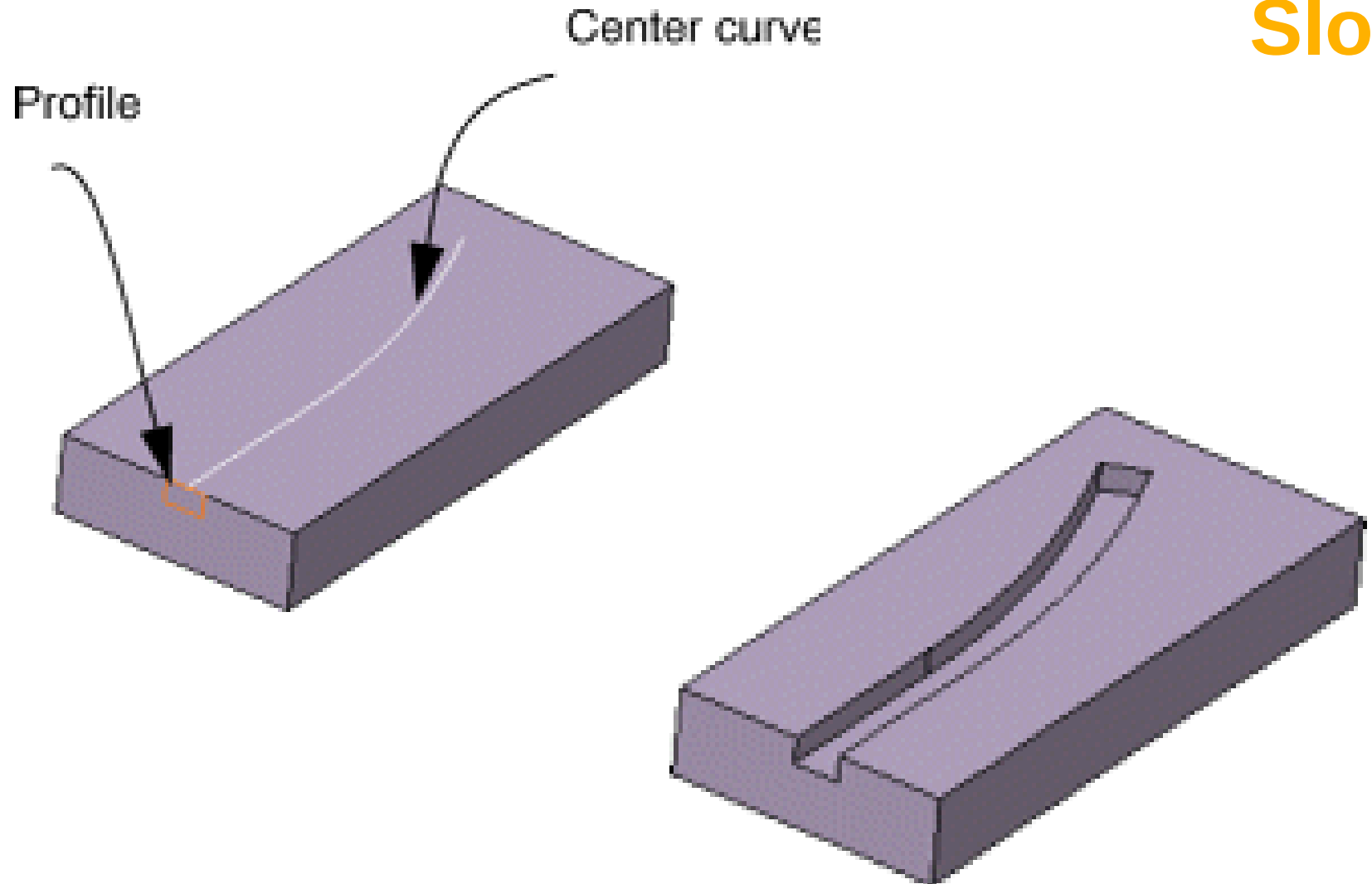
Stiffener



Rib



Slot



رسم وتصميم Creating Hole Features

الثقوب

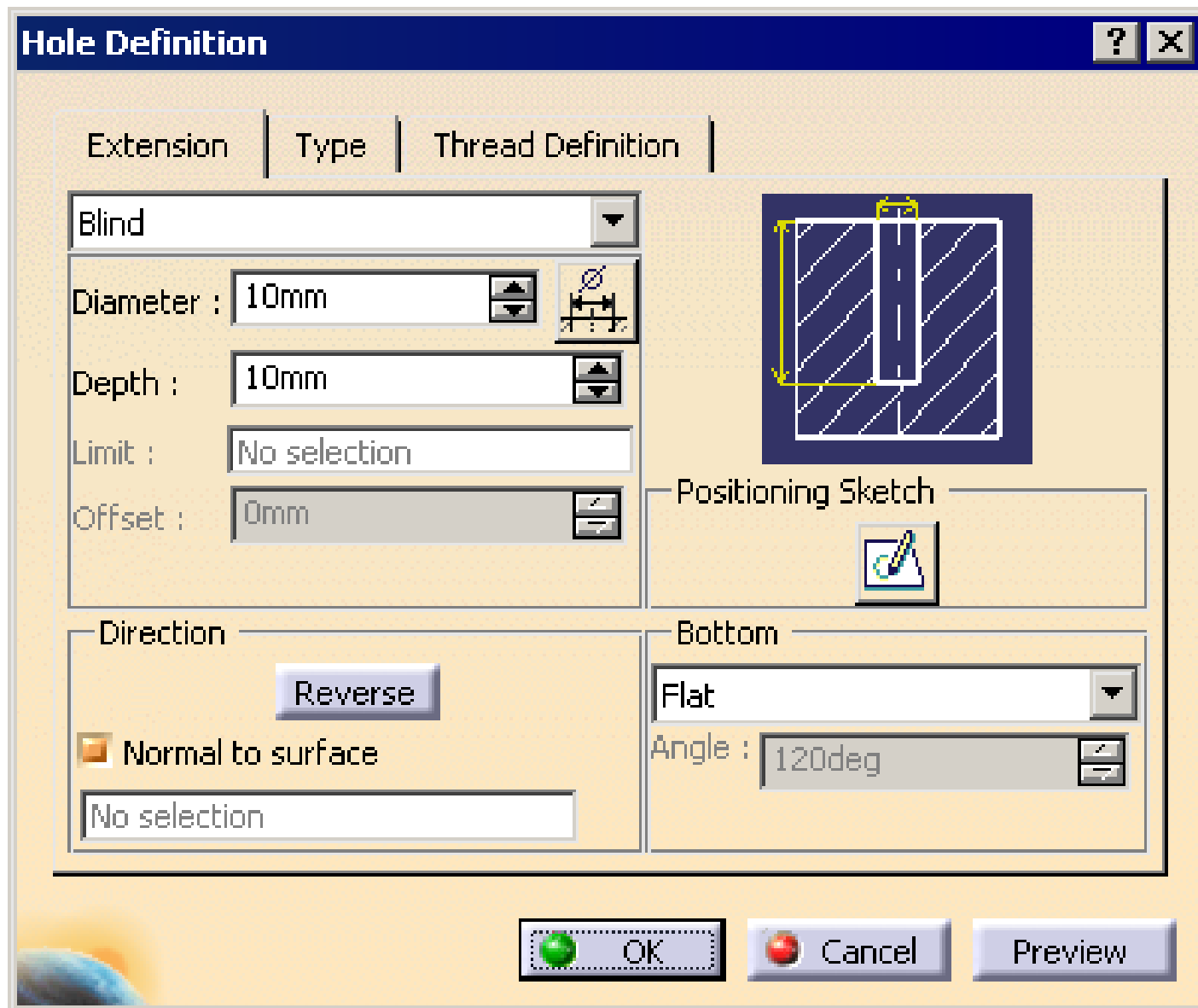
لرسم وتصميم الثقوب يجب استخدام التعليمات التالية :

Menu: Insert > Sketch-Based Features > Hole

Toolbar: Sketch-Based Features > Hole

انواع الثقوب

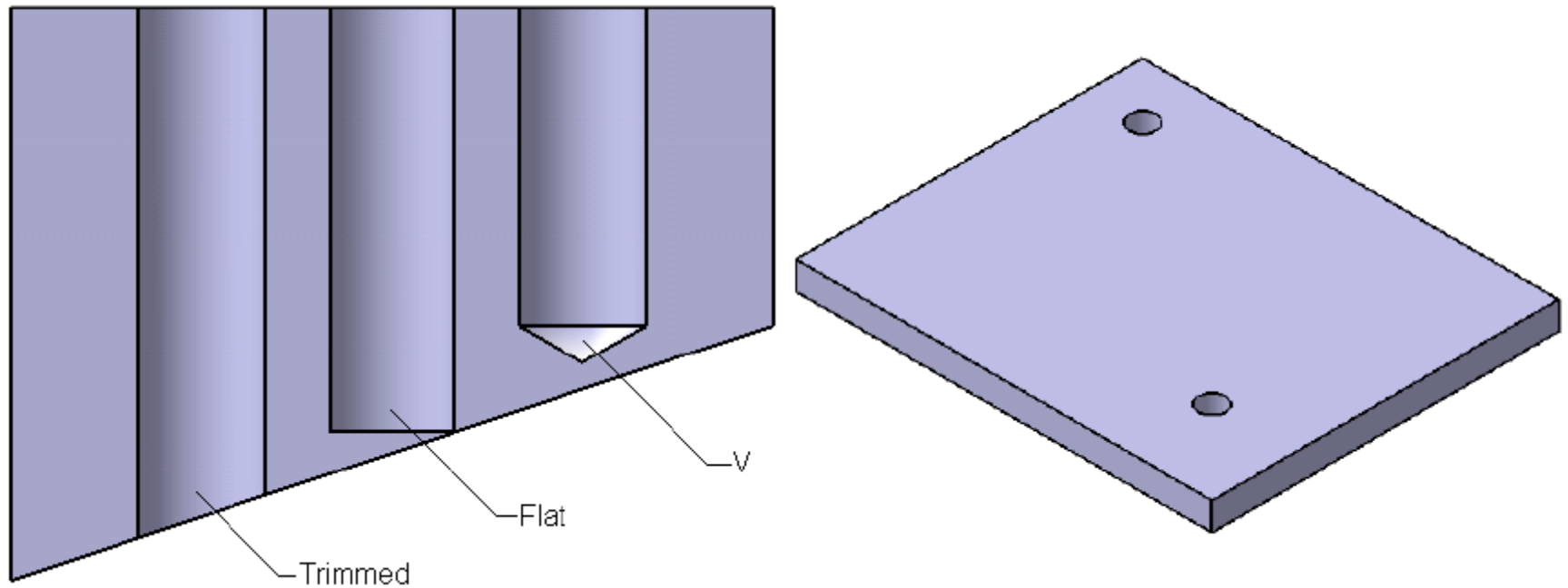
You can create a simple hole, a tapered hole, a counterbored hole, a countersunk hole, and a counterdrilled hole using the **Hole** tool. You can also provide threads in the holes. The **Hole Definition** dialog box is shown in Figure



Creating a Simple Hole

Invoke the **Type** tab; the **Simple** option is selected in its drop-down list.

Therefore, a simple hole will be created using the current option. Now, invoke the **Extension** tab



Creating a Threaded Simple Hole

To create the threaded hole, invoke the **Thread Definition** tab from the **Hole Definition**

dialog box. By default, the **Threaded** radio button is cleared. Select the **Threaded** radio

button to invoke the options available in the **Thread Definition** tab, as shown in Figure

Hole Definition [?] [X]

Extension | Type | Thread Definition

☒ Threaded

Thread Definition

Type: No Standard

Thread Diameter: 11mm

Hole Diameter: 10mm

Thread Depth: 10mm

Hole Depth: 10mm

Pitch: 1mm

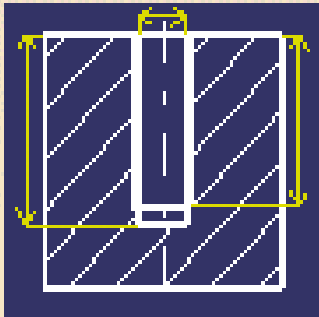
☒ Right-Threaded ☐ Left-Threaded

Standards

Add

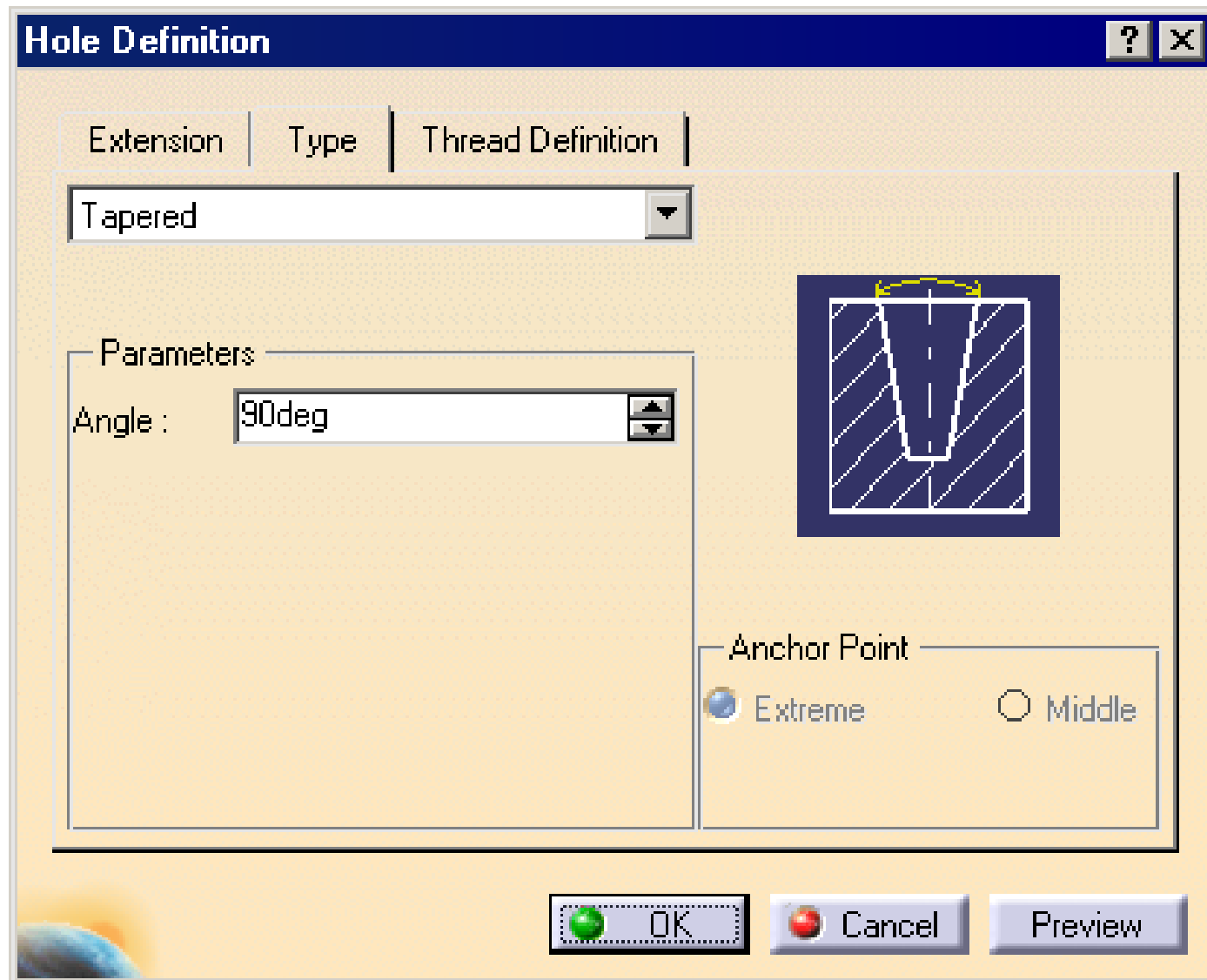
Remove

OK Cancel Preview



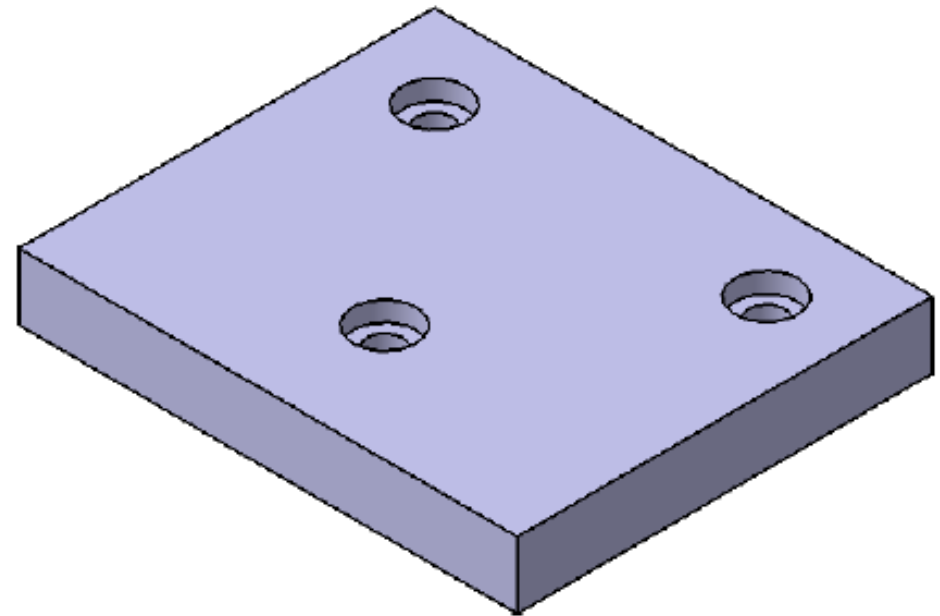
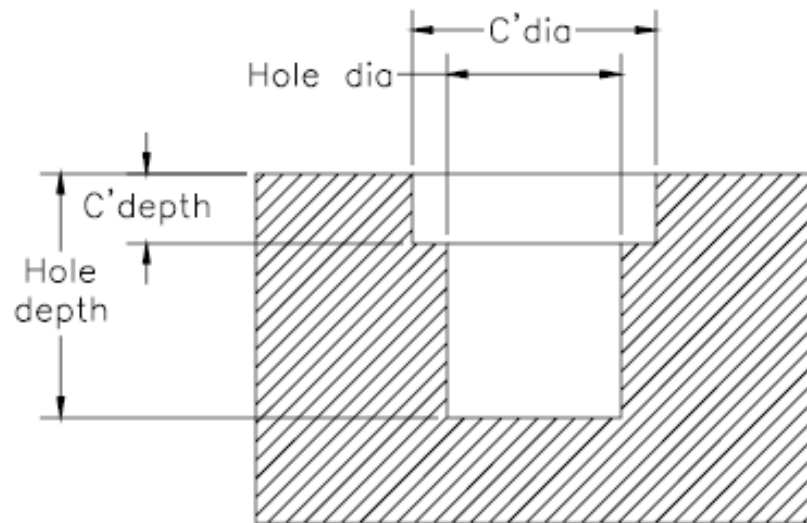
Creating a Tapered Hole

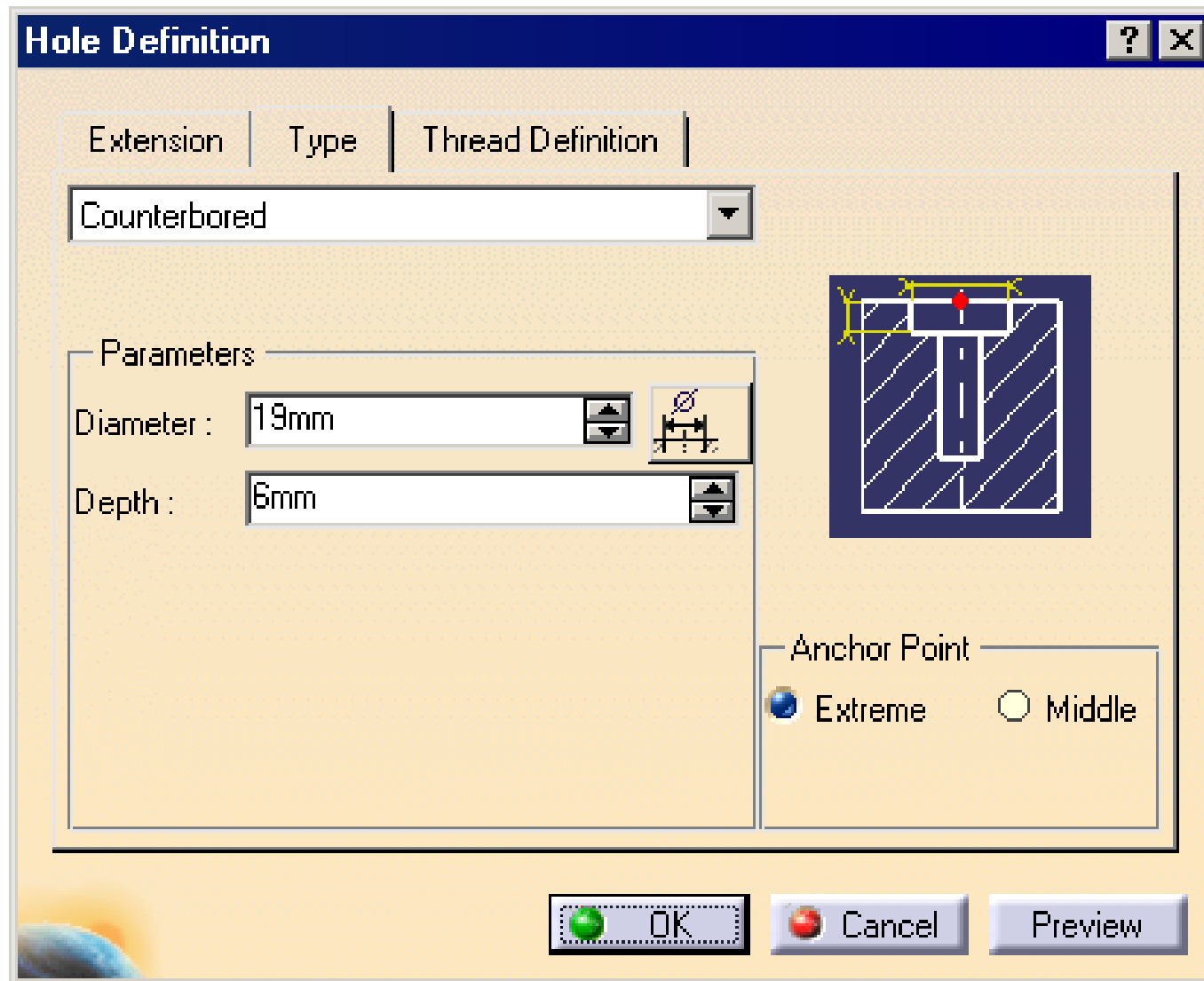
To create a tapered hole, invoke the **Type** tab of the **Hole Definition** dialog box and select the **Tapered** option from the drop-down list. Specify the taper angle in the **Angle** spinner available in the **Parameters** area,



Creating a Counterbored Hole

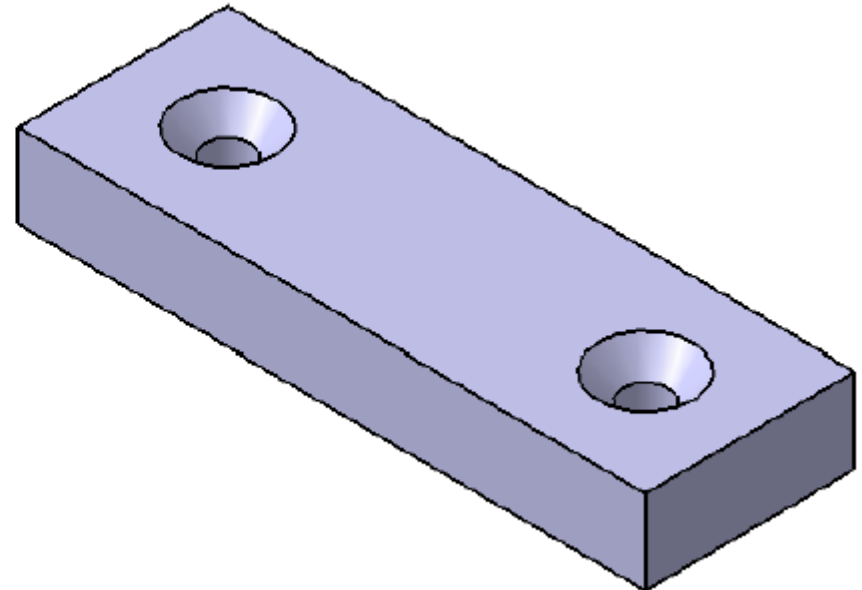
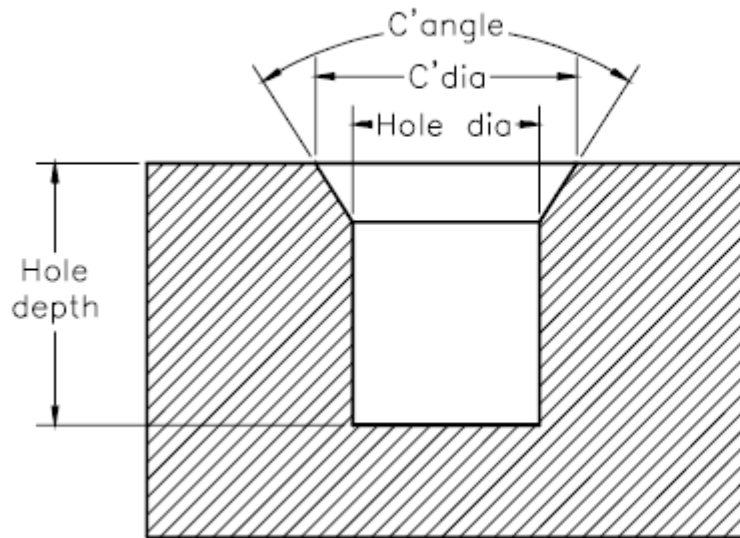
To create a counterbored hole, select the **Counterbored** option from the drop-down list available in the **Type** tab of the **Hole Definition** dialog box. A preview of counterbored hole is displayed in the geometry area. You can set the value of the counter diameter by using the **Diameter** spinner available in the **Parameters** area.

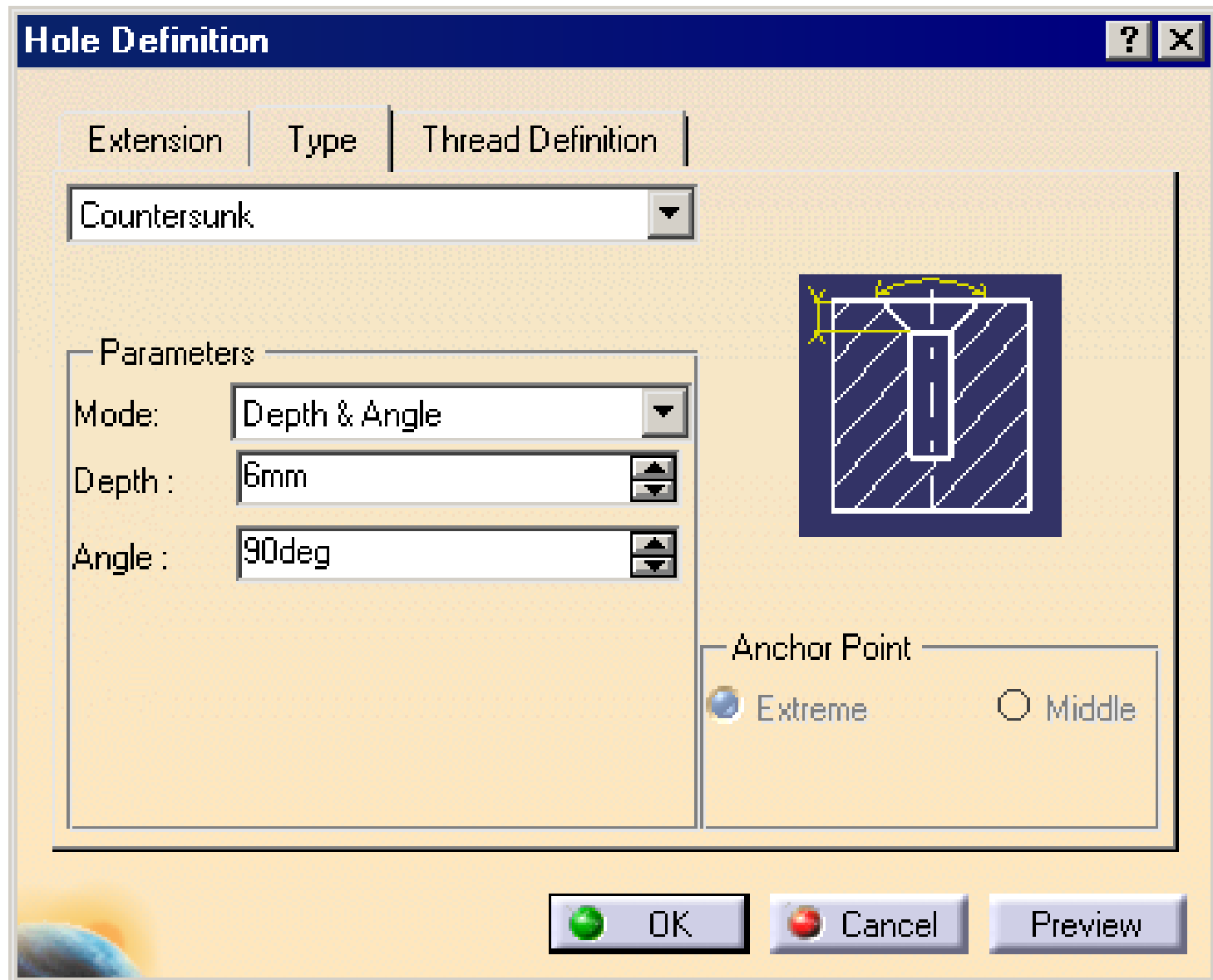




Creating a Countersunk Hole

To create a countersunk hole, select the **Countersunk** option from the drop-down list available in the **Type** tab





Creating the Counterdrilled

