

## **Creating AutoCAD Hatch Patterns:**

When drawing objects you can use the hatch command to fill areas. It creates block patterns that can represent materials such as earth, insulations, or grass. You can also create solid fill the same way you create hatch patterns. Although AutoCAD comes with custom standard patterns, you can also create your own hatch patterns or use the external pattern library displayed in the hatch Pattern Palette dialogue box.

You can define a simple hatch pattern based on the current <u>linetype</u>. You define the pattern by changing the angle and spacing of the hatch lines.

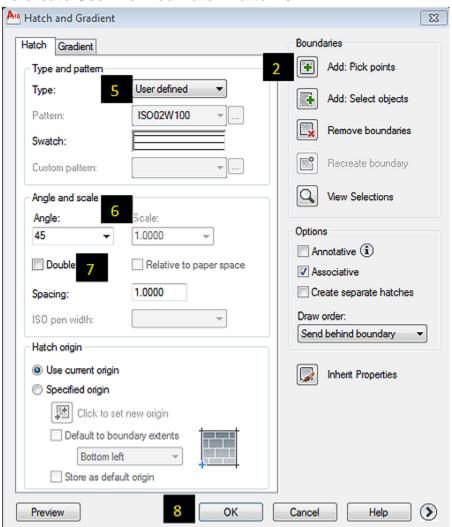
To use a predefined hatch pattern from AutoCAD And Hatch and Gradient 23 Boundaries Gradient Hatch Add: Pick points Type and pattern Predefined Type: Add: Select objects ISO02W100 Pattem: Remove boundaries Swatch: Recreate boundary Custom pattern: View Selections Angle and scale Scale: Angle: Options 45 1.0000 Annotative Double Relative to paper space ✓ Associative 1.0000 Create separate hatches Spacing: Draw order: ISO pen width: Send behind boundary Hatch origin Use current origin Inherit Properties Specified origin Click to set new origin Default to boundary extents Bottom left Store as default origin OK (>) Preview Cancel Help

- 1. From the Draw Menu, choose **Hatch** or type **Hatch** in the command prompt.
- 2. At the right of the Boundary Hatch and Gradient fill dialog box, choose **Pick Points** or **Select Objects**.



- **3.** Specify an internal point for the hatch area or select the object.
- **4.** Hit the **Tab bar** or press **Enter** to go back to the Hatch dialogue box.
- **5.** Select **Predefined** in the Type box.
- **6.** Select a **Pattern** From the Pattern box. *If you select an ISO pattern, you can specify a pen width, which determines the lineweight in the pattern.*
- 7. Choose OK.

## To create User-Defined Hatch Patterns



- 1. From the Draw Menu, choose **Hatch** or type **Hatch** in the command prompt.
- 2. At the right of the Boundary Hatch and Gradient fill dialog box, choose **Pick Points** or **Select Objects**.
- **3.** Specify an internal point for the hatch area or select the object.
- **4.** Hit the **Tab bar** or press **Enter** to go back to the Hatch dialogue box.



- **5.** Select **User-defined** in the Type box.
- **6.** Specify the angle and spacing of the hatch pattern.
- **7.** Select **Double** to use intersecting lines in the pattern.
- **8.** Choose **OK**.

If you need any further help, contact me using the <u>contact page</u> or visit the discussion forum site <u>http://www.2learncad.com/forum.</u>