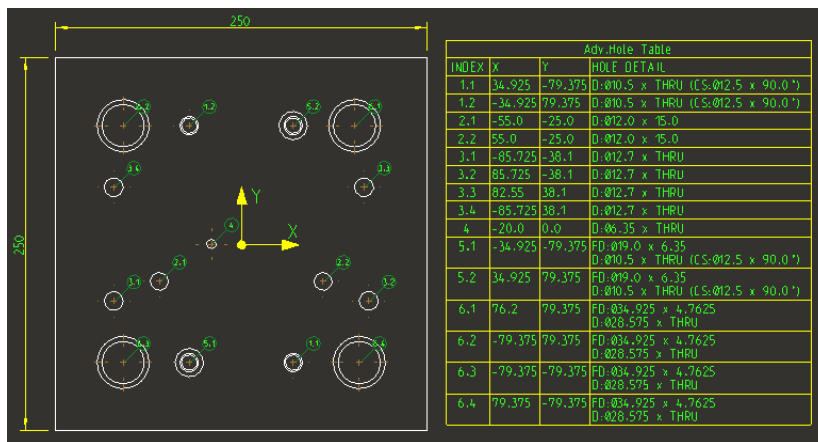
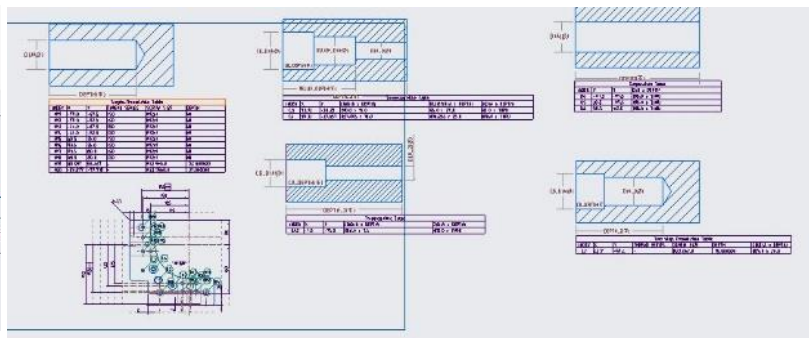


ADVHole Table Application

Application Overview / Market Segment Introduction:

ADVHole Table Application is an add-on application developed for Creo (Pro/ENGINEER) that automates all aspects of creating, updating and maintaining drawing hole tables in Creo 2D Drawing application/module. It utilizes geometry-based feature recognition to identify any type of revolved (Cylindrical / Conical) feature, regardless of the way it is created, that is, a Hole may have been created by any Cut/Hole/UDF/Sketch type features. This application extracts all the Hole information and displays it in a neatly arranged customized table/report.



Current Scenario (Without Application):

User need to Manually:

- Actual practice, collect the hole details and separate the hole type.
- Create the Hole Table for each type.

Negative consequences:

- Human error will occur due to manual counting and differentiate the types.

Positive Business Outcome:

- **ROI** – quick Return on Investment (ROI) considering the significant time savings and reduced ECN's
 - **Speed** – Quick to Create a new hole table or to update the existing hole table.

- **Enhanced User Productivity** - Eliminate Designer/Creo User's non-productive (manual entries) activities, saving up to 80% time.
- **Standardization** – Standardization of Process as per company standards.
- **Quality output:**
 - **Error Free** – Eliminates errors that can be otherwise caused by multiple interfaces including typos, read errors, etc.
 - **Simplify manufacturing tasks** – Different kind of outputs for various downstream Tasks.

How it adds value:

- Works with PTC Creo (Pro/ ENGINEER) Base (Foundation) Licenses
- Recognizes all revolved symmetric geometry elements, including imported geometry
- User defined parameter evaluation and mapping
- Grouping of Similar Holes (based on geometry / size)
- Sorting can be customized to required criteria
- Hole Index number format customized as per customer/company standards
- Control of table placement (location) can be customized
- Automatic creation of associated index numbers (Notes/Balloons) in the drawing views
- Index Note & Tables are associated to separate LAYER (easy to control the display)
- Hole Table info can be exported to different formats like MS Excel /ASCII format (for CNC drilling purposes, etc.)
- One-click solution that automatically generates the types of hole and number of holes in the drawing file.

List of satisfied users:

- Die-tech.
- Godrej.

For more info contact CADOpt Technologies Private Limited at: info@CADOpt.com or visit our website at www.CADOpt.com