



Plastic Drilling Instruction

Basic Instructions

The below are 3 different methods for drilling plastic components.

Method 1 (Recommended):

1. Drill with #41 pilot drill with as fast a motor speed as possible (Perform this in the frame to locate holes)
2. Remove from frame.
3. Use a step drill to bring the hole diameter up to 7/16" - 1/2".
4. Ream hole with reamer or sand hole ID to remove any nicks or defects
5. Deburr with de-burring tool or countersink

Method 2:

1. Drill with #41 pilot drill with as fast a motor speed as possible (Perform this in the frame to locate holes)
2. Remove from frame.
3. Use aircraft counter bore to bring hole up to 7/16" - 1/2".
4. Re-drill with a drill speed as fast as possible. Do quickly but lightly.
5. Deburr with de-burring tool

Method 3:

1. Drill using a plastic drill, if one is available. Use at highest speed possible.
2. Deburr with de-burring tool