At Control Plastics & Metals we take a lot of pride in how we start and finish projects for customers. Control Plastics & Metals has been in manufacturing industry since 1978. We try to solve any potential issues we see with the part before we start manufacturing. Each project starts with a DFM (design for manufacturing) report that is similar to the one attached.

The **DFM Report** covers:

- Gating
- Mold Concept
- Parting Lines
- Ejector Side
- Draft Needed
- Sink Issues
- Mold Flow (Weld Lines, Air Traps, Short Shots)
- Sharp Internal Corners
- Thin Steel conditions
- Thick/Thin plastic
- Sinks & Voids
- Mold Life issues
- Cooling
- Secondary Process requirements
- Slides, Lifters, Core Pulls
- Warp Analysis available at additional cost.

Upon approval of the DFM Report, we proceed with the **Tooling Design** (2D format). This is sent to our customer for approval before cutting any steel.

The **Tooling Design** includes:

- 2D files of Tool Design; detailed views of entire design (3D available upon request).
- Cavity, Core and Slide Blocks supplied in 3D and updated to an “as built” specification.
- BOM (Bill of Materials; covers all components, steel type and rockwell hardness).

Upon approval of the Tooling Design, we provide weekly **Tooling Schedule Report’s**. This shows the progress of the tooling. Please see attached.

The **Tooling Schedule Report’s** include a weekly timeline of all the following:

- Mold Design
- Mold Base
- Cavity Block
- Core Block
- Slides
- Lifters
- Assembly
- T1 Sample Date

If you have a part or project you would like to have quoted, please contact us at 1-800-600-2010. We look forward to working with you. Please visit our website at [www.controlplastics.com](http://www.controlplastics.com)

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*Custom Injection Molding & Manufacturing for over 35 years.*