

Your all-in-one page of links for "Forming and Joining"

[The Basics of Brazing and Soldering](#) some guy's web page. Pretty good.

***Wow! An injection molder! I wanna do it, too!:**

Do you really? Injection molding is a lot of work. It's hard, and trained professionals may spend weeks tuning up a particular mold for optimal performance. So why bother?

Usually, you won't. But it may be handy if you:

need many multiples

need a part made of a particular material

need good material properties

need to prototype a part for mass-production injection molding

need to in-mold parts (mold plastic around an existing part of dissimilar material)

If you don't need anything like that, consider alternatives like:

CNC machining

3D printing

stereolithography

casting (for multiples) using either a soft mold for plastic parts or a hard mold for metal parts

hand forming (clay-like epoxies, sculpey, etc.)