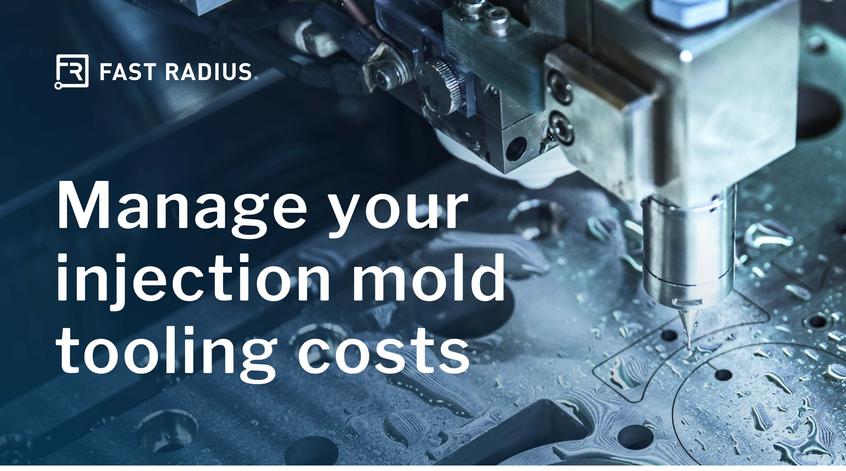


FAST RADIUS

Manage your injection mold tooling costs

Designing proper tooling is essential to making quality, cost-efficient injection molded parts. The best way to do this is to know what drives up the cost of tooling and how to reduce costs while still meeting your production volume and quality requirements.

What drives tooling costs?

Tool material

Harder materials like steel are more durable but more expensive.

Part size

Bigger parts need larger tools, which require more material.

Design complexity

Complex designs may require adding actions, an insert, or a collapsible core.

Part quantity

Larger production runs require more durable tooling.

How do you lower tooling costs?

1. Consult a professional

Work with a tooling design engineer to identify and correct manufacturability issues in your design.

2. Know your production volume

Choose the right material for your tooling based on your production volume and acceptable tolerances.

3. Plan for size adjustments

Inform your manufacturer about potential size adjustments, as major changes may render a tool useless.

Ready for your next injection molding project?
Visit **fastradius.com** to get started.