



QUICK TURN TOOLING CHEAT SHEET

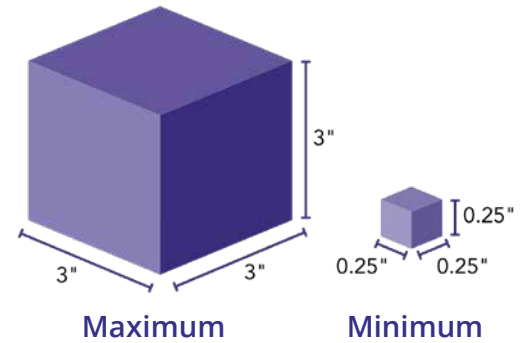
MUD set is a modular injection molding system that streamlines mold-making and lowers tooling costs, ideal for short runs or prototypes.

It works by placing a smaller, interchangeable mold insert, containing the unique cavity, within a standard base that remains mounted in the machine.

RAPID LEAD TIMES (weeks)

1 st Tool			2 nd Tool	3 rd Tool
1	2	3	4	5

BUILD BOX SIZES



QUICK TURN TOOLING COMPARISON

List of Features	QUICK TURN	General Production	Specialized Production
Cadence	In Series	Parallel	Parallel
Lead Time	3 – 5 weeks	4 – 8 weeks	8 – 12 weeks
Cost	~ \$15k	> \$15k	> \$25k
Tolerances	± 0.01	± 0.005	± 0.002
Max Size	3" x 3" x 3"	N/A	N/A
Shots	25k	100k	500k
DFM	Gate Location / Type, Ejection Method	✓	✓
Tool Design Provided by Aprios	✗	✓	✓
Surface Finish	SPI-C3	SPI-B2	SPI-A22
Cavitation	1 – 2 (Upon Review)	2 – 8	8+
Complexity	Simple – Moderate	Moderate – Complex	Complex – Extreme
Cooling	Standard or Conduction via Insert	Standard	Advanced
Cams	Up to 1 (Upon Review)	✓	✓
Slides, Lifters, Threads, Unscrewing	✗	✓	✓