

Subtractive Manufacturing



CNC



Sheet Metal

Additive Manufacturing



FDM



SLA



SLS



DMLS



Polyjet 3D



Injection Molding



Urethane Casting

Tooled Manufacturing

Applications	Prototyping	★★	★★	★★★	★★★	★★★	★★★	★★★	—	★★
	Jigs, Fixtures & Tooling	★★★★	★	★★★	★★★	★★	★★★	★★	—	★
	End-Use Products	★★★★	★★★★	★★	★★	★★★	★★★	★	★★★★	★★★★
Quantity Range		1 - 10,000	1 - 10,000	1 - 1,000	1 - 100	1 - 1,000	1 - 100	1 - 100	500 - 250,000+	5 - 100
Typical Lead Time In Days		6	12	3	4	3	5	2	21	15
Materials	Metal	✓	✓				✓			
	Plastic	✓		✓	✓	✓		✓	✓	✓
	Wide Material Selection	★★★★	★★	★★	★★★	★	★	★★	★★★★	★★★★
Manufacturing Considerations	Complex Geometry	★★	★	★★	★★★	★★★	★★★	★★★	★★★★	★★
	Quantity Discount	★★★★	★★★★	★	★★	★★	★★	★★	★★★★	★★★★
	Easily Scalable	★★★★	★★★★	★	★★★	★★★	★★	★★	★★★★	★★★★
	Precision Tolerance	★★★★	★★	★★	★★★	★★	★★★	★★★	★★★★	★★
	Good For Fine Details	★★	★★	★	★★★	★★	★★★	★★★	★★★★	★★★★
Good For Large Parts	★★★★	★★★★	★★★	★★	★★	★	★★	★★	★★★★	