







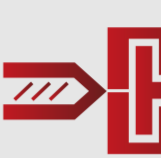



Rapid-Manufacturing-Process-Selection

		Subtractive Manufacturing		Additive Manufacturing						Tooled Manufacturing	
		 CNC	 Sheet Metal	 FDM	 SLA	 SLS	 DMLS	 Polyjet 3D	 MJF	 Injection Molding	 Urethane Casting
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	1 - 100	500 - 250,000+	5 - 100
Typical Lead Time In Days		6	12	3	4	3	5	2	3	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	★★★	★★★★	★★★	★★	★★	★	★★	★★	★★	★★★★