

ATTRIBUTE	INVESTMENT CASTING	MIM
Precision	± 0,7% of nominal dimension	± 0,4% of nominal dimension
Mould cost	Low	Medium-high
Surface roughness (Ra)	3,2	1,6
Steel choice	Unlimited	Limited
Geometrical complexity achievable	Medium-high	High
Component weight	5 Kgs max.	50 gr. max.
Detail level	Medium-high	High
Batch dimension	Flexible	Medium-high
Mechanical properties	Equal	

Investment casting mould			
Mould type	Numerosity	Complexity	Cost
Silicon	Low	Medium-high	Low
Tin-bismuth	Medium	Medium-high	Medium
Aluminum/Steel	High	High	Medium-high
Prototype	Low	High	High

MIM mould			
Mould type	Numerosity	Complexity	Cost
Metallic	High	High	Medium-high
Prototype	Low	High	Very High

Benchmark

