


*RM case study*

Case name	<b>Cooling channels</b>		
Dimensions in mm (L x W x H)	Ø=40 mm, H=45 mm		
Application	Chemistry Applications, Aerospace, Automotive, Moulding Technology		
RM process	SLM		
Software	SolidWorks 2006, 3D Shop		
System	PHENIX SYSTEMS PM100		
Material	Inox 904L, Inox 316L, Inconel 625		
Lead time (hours/days)	50 hours		
Costs	3000 €		
Surface finish	—		
Mechanical properties	— near-bulk properties, about 1% porosity		
Thermal properties	— near-bulk properties		
Any additional info	—		
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