

CONTACT

Sales and technical Support - MIM

Dr. Natalie Salk

T: +49 7844 9138-5850

F: +49 7844 9138-35850

natalie.salk@zimmer-group.de



HEADQUARTER:

ZIMMER GROUP

Am Glockenloch 2

DE 77866 Rheinau

T +49 7844 9139-0

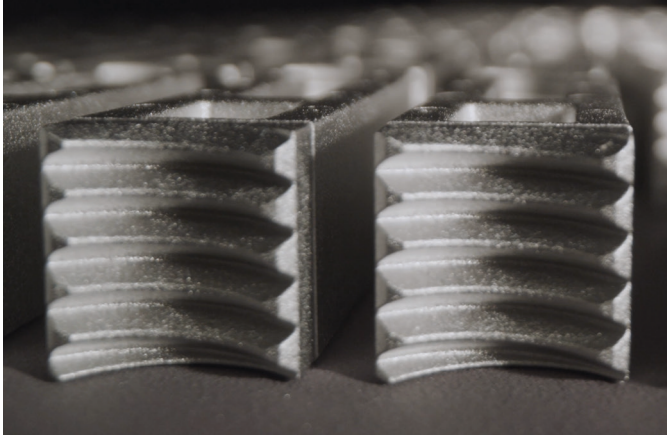
F +49 7844 9139-1199

info.de@zimmer-group.com

www.zimmer-group.com



MIM METAL INJECTION MOULDING



Process Technology

MIM technology
Elastomer technology
Plastic injection molding

THE KNOW-HOW FACTORY

YOUR ADVANTAGES

AT ONE GLANCE

Metal Injection Moulding. Metal Injection Moulding (MIM) is an innovative technology for the manufacturing of complex metallic series parts. It combines the known technologies injection moulding and sintering.



Material variety

- ▶ Stainless steel
- ▶ Low alloy steel
- ▶ Tool steel
- ▶ Titanium and Ti-alloys
- ▶ Cemented carbides
- ▶ Special alloys



Excellent surface quality

$Ra < 3 \mu m$



Post-processing

analog to the full material



Geometrical freedom

Complex metallic components with great freedom in design can be developed
(Part weight up to 250g)



Integration

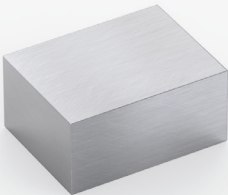


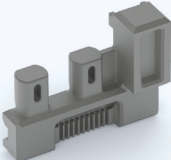
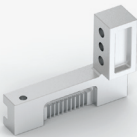
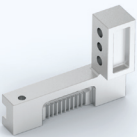
of inner and outer threads



Tight tolerances

without post-processing possible

COST ADVANTAGES THROUGH MIM

CONVENTIONAL MACHINING	METAL INJECTION MOULDING
Low alloy steel	Stainless steel
	
Machining	Injection moulding
	
Finished part	Finished part
 <div><div>approx.</div><div>19.-</div><div>Euro</div></div>	 <div><div>approx.</div><div>9.50</div><div>Euro</div></div>