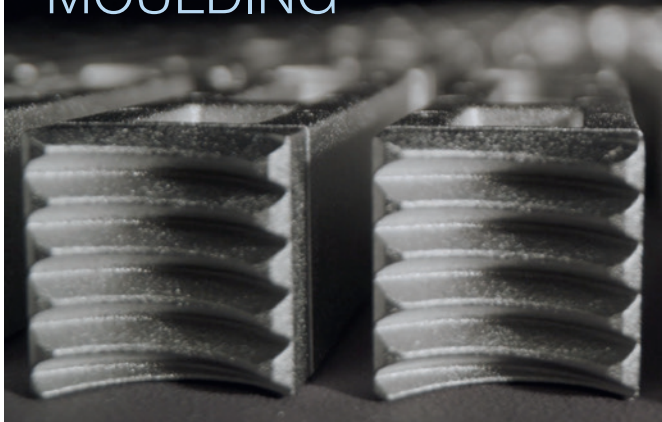


MIM

METAL INJECTION MOULDING



Process technology

MIM technology
Elastomer technology
Plastic injection molding

THE KNOW-HOW FACTORY

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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 µm



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-effective series production

from 5,000 units per year

COST ADVANTAGES THROUGH MIM

CONVENTIONAL MACHINING

Stainless steel



Machining



Finished part



approx.
15,-
Euro

METAL INJECTION MOULDING

Stainless steel



Injection moulding



Finished part



approx.
3,-
Euro

CONTACT

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ZIMMER GROUP – THE KNOW-HOW FACTORY

OUR KNOW-HOW FACTORY WORKS WITH ALL INDUSTRIES AND DELIVERS EVERYTHING FROM A SINGLE SOURCE. OUR PRODUCT RANGE IS FAR REACHING, BOTH IN ITS DEPTH AND ITS BREADTH.

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