

Metal Injection Molding



VENDOR

Arburg

MATERIALS

Variety of alloys

Metal injection molding is a process which combines finely-powdered metal with binder material to comprise a “feedstock” material capable of being molded.

The “feedstock” is injected as a liquid into a mold using injection molding machines. The molded part is cooled and ejected from the mold. After molding, the part is heated to densify the powders.

APPLICATIONS

Final products are small and used in a broad range of applications, including: **industrial, medical, firearms, aerospace, automotive.**

SPECIFICATIONS

- 110 U.S. tons total clamping force
- Distance between tie bars: 18.5” x 18.5”
- Injection Unit Horizontal: 25mm screw @ 59 cm³ volume

Injection unit (170) horizontal, for injection through the fixed mold plate
25 mm screw @ 59cm³ volume.