

# Gluer - Metal Binder Jetting

- Introduced in 1993, revived in the 2010s
  - ExOne, Digital Metal
- Liquid binder is applied to join powder particles by layer during the process
- Necessary post-processing steps
  - the parts are fragile because of their low mechanical properties
  - must be sintered or infiltrated with a low-melting-temperature metal such as bronze
- No support structures are required
  - printed parts are surrounded by loose, unused powder
- Less expensive than 3D printers
- Faster print time