



ATLAS
PRESSED METALS

Precision Parts. Trusted Partners.

PM-101

Understanding Sintered Metals

Learn From Industry Experts



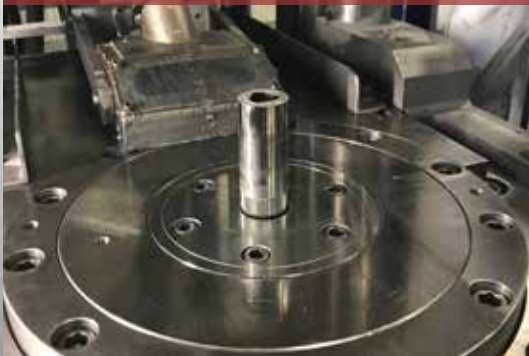
MIXING



Our in-person complimentary course in Understanding Sintered Metals provides insights regarding the PM process for you and your team. We cover a wide variety of topics relating to powder metallurgy including material standards, molding & sintering, and even secondary operations.

Atlas is dedicated to helping others realize the full potential of powder metallurgy. We are always eager to educate engineers in the benefits and opportunities of the industry, and to provide an introductory hands-on workshop for your company.

COMPACTING

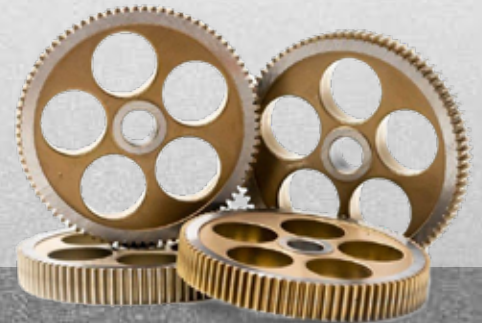


SINTERING



Learn how you can take advantage of:

- Net or Near Net Shape Capabilities
- Controlled Porosity
- Minimized Additional Machining
- Rich Dimensional Control
- High-Volume Consistency
- High-Quality Results
- Eco-Friendly Processing
- and much more...



“Atlas presented their PM 101 class to our company and it was well-received by our engineering team. I would not hesitate to recommend Atlas to others in the industry.”

- Michael, VP Global Operations

ATLAS PM-101

COURSE TOPICS

Material

- Powder Types
 - Steel, Stainless Steel, Brass, Bronze
- Powder Manufacturing
- MPIF Standards
- Material References
- Design Selection

Powder Metallurgy Process

- Molding
 - Methods to Form Sintered Metal
 - Tools & How They're Used
 - Step by Step Instructions
- Sintering
 - Furnace Types
 - Particle Bonding
 - Sintering Process

Secondary Operations

- Sizing
- Resin Impregnation
- Lubrication Impregnation
- Machining
- Grinding & Honing
- Heat Treatment
- Plating & Coatings
- Steam Treatment
- Vibratory Deburr

- Welding Sintered Metal
- Industry "Rules of Thumb"
- Advantages of Sintered Metal
- Opportunities for Conversions
- And More...

Contact Us to
schedule a

Complimentary Understanding Sintered Metals

course for your
company today!



www.atlaspresedmetals.com

(814) 371-4800



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and ISO 9001:2015 – ANSI/ISO/ASQ Q9001-2015

