

THE PROCESS

Pioneer's Nituff® finish penetrates fluoropolymers into precision coatings for metals, transforming the surface into a hardness comparable to case-hardened steel. This process maintains the durability and strength of hard metals, while offering all the benefits of aluminum, such as lighter weight, ease of machining and lower cost.

PERFORMANCE BENEFITS

- Increased surface hardness
- Self Lubricating
- High Corrosion Resistance
- Low Coefficient of Friction
- Strong dialectic properties

THE OVERVIEW

NITUFF®

Achieve permanent lubrication, wear and corrosion resistance with Pioneer's Nituff® process. Across industries, including aerospace, medical, food processing and paper industries, Nituff improves component performance for a wide variety of aluminum parts

[CLICK HERE TO VIEW IMAGES OF THIS PROCESS](#)

RECEPTIVE METALS

- Aluminum
- Aluminum Alloys

THICKNESS

.0005-.003" Dependent on Alloy

MAX PART SIZE

32" Length x 48" Depth x 86" Width

SPECIFICATIONS

- MIL-A-63576 Type I
- MIL-A-8624 Type III



PRINT PRINTER FRIENDLY PDF



CONTACT A REPRESENTATIVE ABOUT THIS SERVICE

FOR OTHER PIONEER FINISHING SOLUTIONS VISIT

WWW.PIONEERMETAL.COM

METAL FINISHING