

# NWI Defense

Introduction

October 4, 2019



NWI

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# MARKETS SERVED

## Key Markets:

- Aerospace
- Defense, Space, & Military
- Communications & Wireless Equipment
- Medical & Healthcare

## Key Customers:

- Aerojet Rocketdyne
- General Dynamics OTS
- TE Connectivity (TE Connect)
- Global Tungsten & Powders (GTP)
- Varian Medical Systems
- Parker-Hannifin Corporation



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**GENERAL DYNAMICS**  
Ordnance and Tactical Systems

# MATERIALS



**NWI-Defense LLC, provides forging, fabricating and machining services for, molybdenum, tungsten , niobium and tantalum metals.** It serves clients in the aerospace, defense, medical, chemical and electronics industries throughout the United States. The company maintains lathe and milling machines. NWI Defense offers high-temperature cathodes and anodes, as well as furnace components. It also provides tungsten and molybdenum crucibles.

# PRODUCTS

**NWI Defense manufactures parts for Commercial and Military use, including the "Hellfire" & "Javelin" warheads.**



Javelin  
Warhead



Hellfire  
Warhead

# FORGING

## Forging Capabilities:

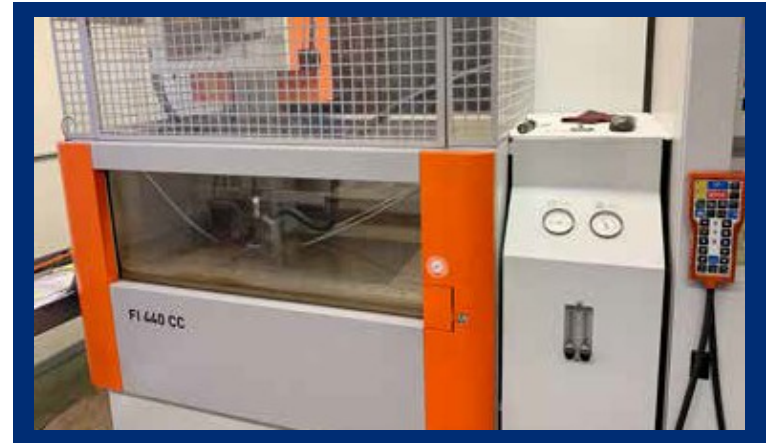
- (1) 1500 ton Mechanical Forge
  - 28" stroke 60"x40" part size capability, 20 cycles per minute continuous
- (2) 800 ton Mechanical Forges
  - 1 PLC (auto) controlled 20" stroke, 20 cycles per minute
  - 1 manual controlled 10" stroke, 10 cycles per minute
- Forging Furnaces with temperature capability up to 2500°F



# MACHINERY

## Machinery Capabilities:

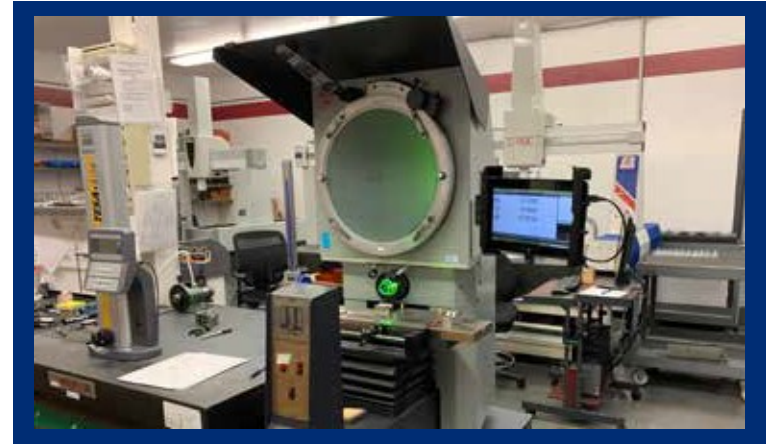
- Milling, Turning, EDM
- 2 CNC lathes
- 17 CNC lathes, 2 axis
- 2 CNC 3 axis mills, 4th axis capable
- 4 axis wire EDM  
(Agie Charmilles F1440cc)
- Full Manual Machine Shop
- 2D, 3D, CAD drawing and model generation capable



# NON DESTRUCTIVE TESTING

## NDT Capabilities:

- On Site - Trained Level 2 Employees— Liquid Penetrant Testing (Type 1, Method A)
- Aerojet approved to perform Non Destructive Testing under the fixed designation to:  
ASTM E1417 (Type I, Method A, Sensitivity 3, Form D)





# CONTACT US

**Thank You for your time, and we hope to add your business to our growing list of happy clients.**

**Feel free to contact us about your next project.**

**NWI Defense**

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