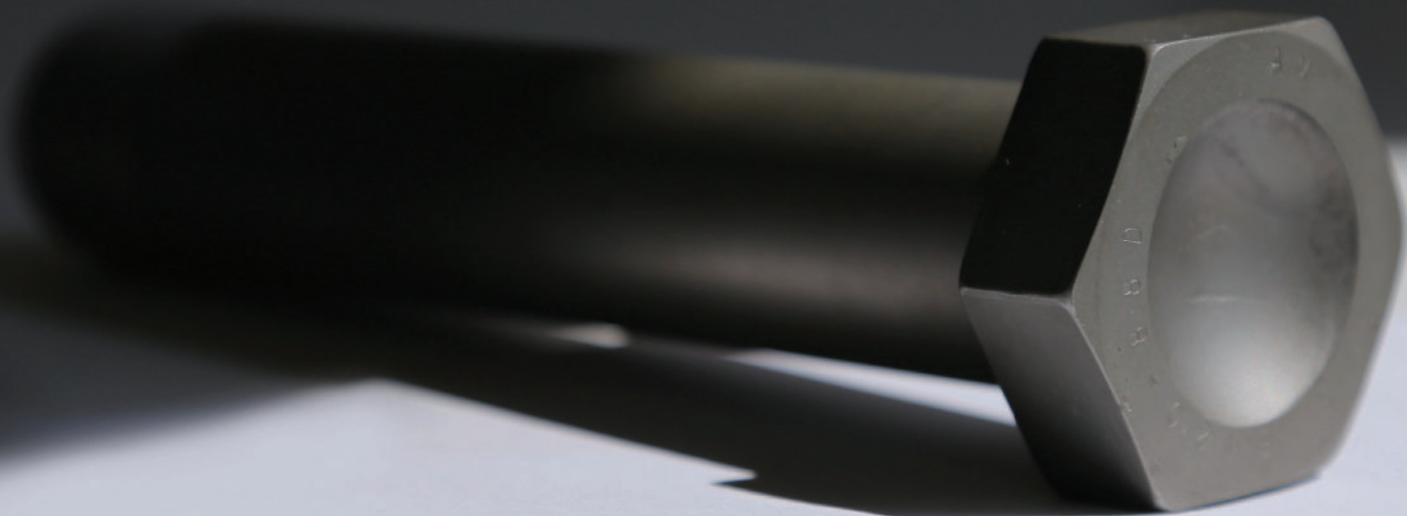




AEROSPACE MANUFACTURING



YOUR TRUSTED SOURCE OF QUALITY FASTENERS

WWW.AERO-SPACE.US



PRODUCTS

- ✓ Screws (NSN Series 5305,
- ✓ Bolts (NSN Series 5306),
- ✓ Pins (NSN Series 5315),
- ✓ Studs (NSN Series 5307),
- ✓ Threaded Rods
- ✓ Large Blanks Inventory
- ✓ No Minimum Runs
- ✓ Large stock of finished products



RAW MATERIAL

- ✓ **Super Alloys:** Waspaloy, Titanium 6-4 and 6-6, A-286, Inconel, 17-4PH, H-11, 15-5PH, 13-8MO, MP35N, Monel 400 and 500
- ✓ **Stainless Steel:** 300 and 400 Series
- ✓ **Alloy Steel:** 8740, 4140, 4340 etc.



IN HOUSE SPECIAL PROCESSES

- ✓ **Heat Treating:** In-house aging process
- ✓ **Non-Destructive Testing (NDT)** with Level II and Level III in-house certification.
- ✓ **Plating/Finishing:** cadmium, cadmium fluoborate, passivation.



HEAD STYLES

- | | | |
|----------------------|----------------|----------------------|
| ✓ Spline Head | ✓ Pan Head | ✓ Round Head |
| ✓ 12 Point | ✓ Six-Lobe | ✓ Slotted Round Head |
| ✓ Socket Head | ✓ Dovetail | ✓ Crown Hex |
| ✓ Internal Wrenching | ✓ Shear Head | ✓ Slabbed |
| ✓ Flush Head | ✓ Place Bolt | |
| ✓ Hex Head | ✓ Brazier Head | |
| | ✓ Pin Head | |

- ✓ Phillips Screw - Complete Line (Including Recess Configuration)



VERSATILITY

With a production range from #2 to 1-3/8 diameter, a length from 1/4" up to 20", a practically unlimited thread length, and a competent design team, AMI can fill your needs from the standard to the most complex fastener.

Process Capabilities:

- | | |
|--------------------------|---|
| ✓ Hot Forging | ✓ Broaching |
| ✓ Heat Treating | ✓ Warm Heading – cold and warm |
| ✓ Thread Rolling/Forming | ✓ Destructive and Non-Destructive Testing (NDT) |
| ✓ Centerless Grinding | ✓ In-House Plating |
| ✓ Machining | |
| ✓ Drilling | |



TESTING CAPABILITY

AMI's commitment to quality is evident in our upgraded, modern, climate controlled Quality Control testing facility, which allows us to perform virtually all testing on-site. The tests included tensile strength, double shear, stress rupture, stress durability, and metallurgical.

The proper equipment allows AMI to perform tension fatigue tests on specimens from a #10 screw up to 1-1/2 inch in diameter with a 260KSI UTS.

Our world-class equipment allows us to perform:

- ✓ Hardness Tests – HRC, superficial and microhardness
- ✓ Metallography Tests
- ✓ Dimensional Inspections
- ✓ Double Shear Tests
- ✓ Tensile Strength Tests
- ✓ Tension Fatigue Tests
- ✓ Stress Durability Tests
- ✓ Stress Rupture Tests
- ✓ Non-Destructing Testing (NDT) Level II and Level III in-house certified (MT, PT)
- ✓ Hydrogen Embrittlement Tests



AEROSPACE
MANUFACTURING

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