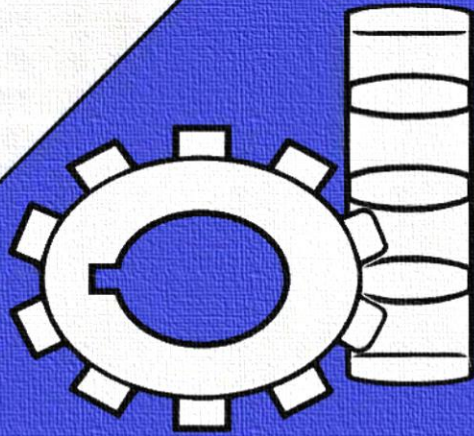


Introduction To:



All

American

MECHANICAL COMPONENTS & GEARS

Inc.

Since 2003, All American has been Producing Superior Gears, Gear Assemblies & Mechanical Components

The Owner/President's Professional Highlights Include :

- * Over 30 Years of Gear Design and Manufacturing Experience**
- * Former Manager & Vice President of Engineering for Allied Devices and Senior Project Engineer of Gear Development for Globe Motor's Automotive Application Division**
- * Longstanding Member & Current Vice Chairman of the AGMA Fine Pitch Gear Committee**

**All American's Designs and Workmanship
are Still Reliably Operating across the Globe
in HI-TECH Applications & Industries Like These....**

AEROSPACE

MEDICAL DIAGNOSTICS

SCIENTIFIC INSTRUMENTS

ROBOTICS

DEFENSE

AUTOMOTIVE ACTUATORS

DENTAL

SURGICAL

SEMICONDUCTOR

**...Offering a Wide Range of Available Options that can
be Tailored to Suit Your Specific Product Requirements**

All American Manufactures *1st Time Quality*
Fine & Medium Pitch Gear and Gear Assemblies
YOU CAN DEPEND ON!

GEAR TYPES

Spur
Helical
Timing Pulley
Worm
Bevel
Anti-Backlash
Internal
Rack & Pinion
Sector

GEAR ASSEMBLIES

Planetary Gear Boxes
Spur Gear Boxes
Miniature Precision Differentials
Bevel Gear Boxes
INCLUDING
Gear Mechanisms for
Automation and Controls
Assembled with
Resolvers



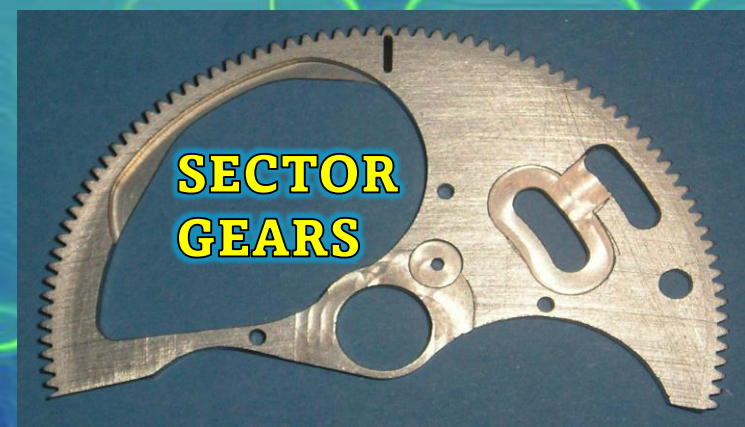
MINIATURE GEARS



WORM GEARS



BEVEL GEARS



SECTOR GEARS



INTERNAL GEARS



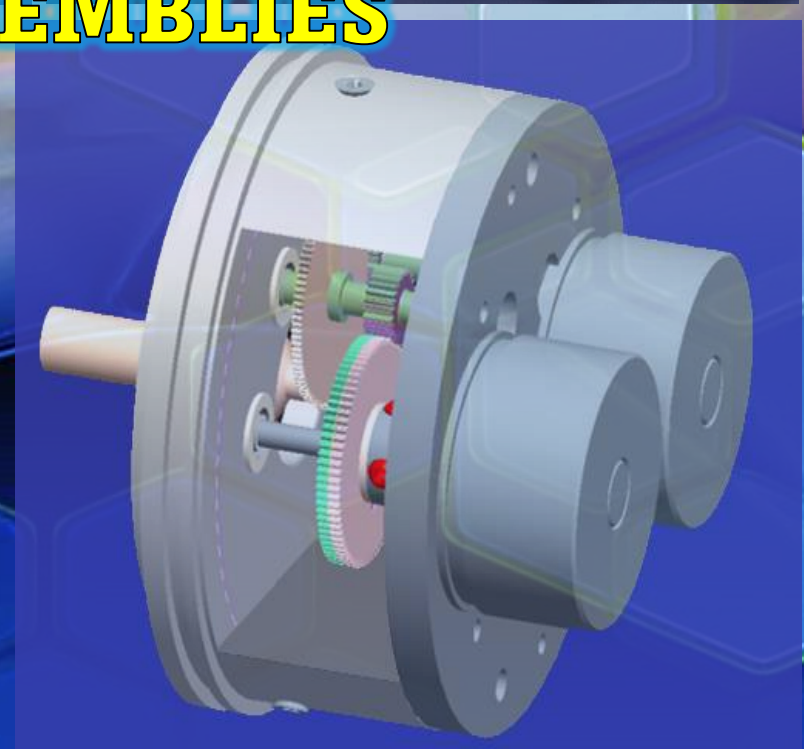
ANTI - BACKLASH GEARS



**LARGER GEARS
UP TO
12"**



CUSTOM GEAR BOXES & ASSEMBLIES





**Standard & Custom
Timing Pulleys**

**Single Flange
Double Flange
Custom Hub Types
Special Tooth Profiles
Anti-Backlash**

**Shoulder Bolts
Studs/Pins
Thumbscrews
Fittings &
More**



Custom Fasteners



With ALL AMERICAN's Extensive Knowledge, and Their Ability to Provide Optimized Gear Design, Manufacturing Options and Testing Services to Meet any Customers Exact Requirements,

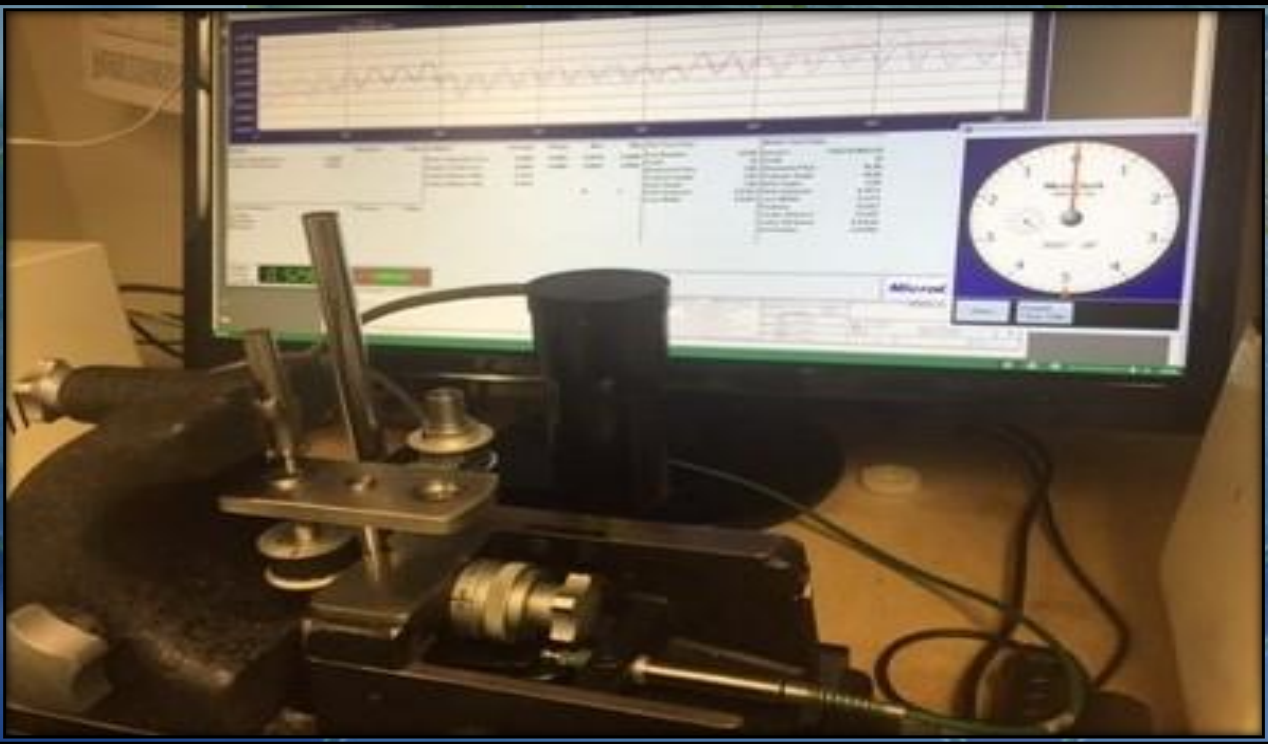
ALL AMERICAN Should Be Considered a Key Asset For any New R&D Project or Existing Program



**All American Can Provide
Gear and Gear Assemblies
Up-To AGMA Q10 Quality,
Guaranteeing all Dimension
& Geometric Tolerances are
Met**



**... By Inspecting Each Part
Using a Combination of
Specialized Measurement
Equipment and Computer
Programs to Test for Exact
Fit, Form and Function**

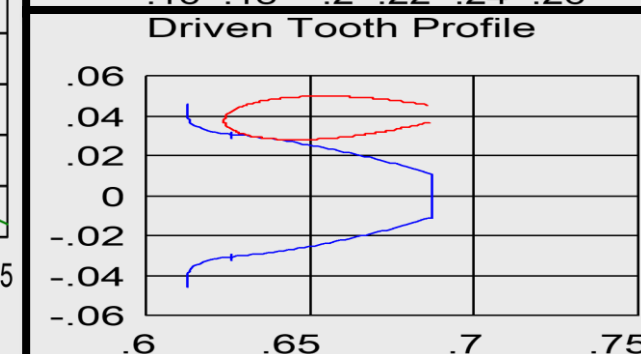
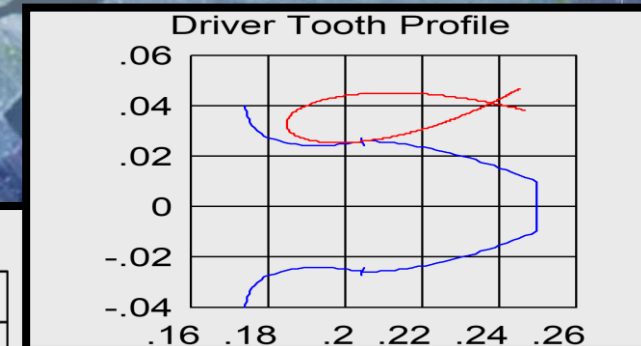
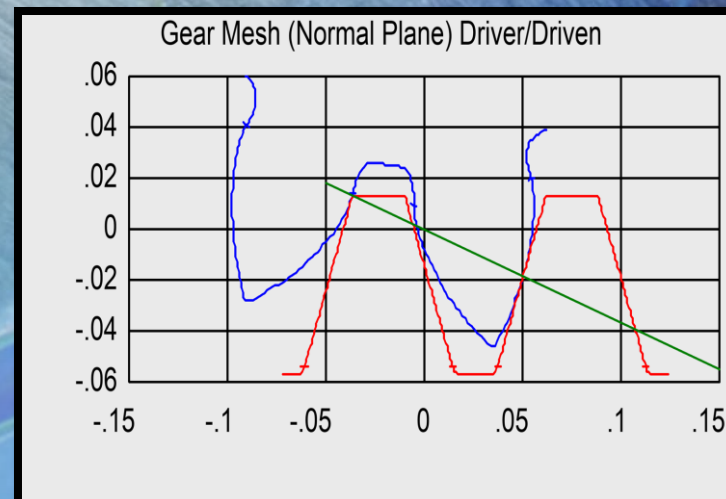


Do you Have Ongoing Gear or Gear Assembly Functionality Concerns Such as Binding, Unwanted Backlash, or Excessive Wear ?

Companies Have Come to Trust ALL AMERICAN's Expertise
to Take on These Types of Challenging Issues.

Through the Careful Analysis of The Factors Listed Below,
ALL AMERICAN can Generate the Solutions Needed to Help
Resolve Your Problems Too.

- **Stacked Effects of Manufacturing Tolerances**
- **Specific Sliding Velocities**
- **Gear Mesh**
- **Tooth Interference**
- **Tooth Profile**
- **Contact Ratio**
- **Center Distance Variation**





**All
American**
MECHANICAL COMPONENTS & GEARS
Inc.

Visit our website
www.allamericangears.com
To cross reference any standard gear part
number to All American's with their
easy to use search tool

**Contact
All American's
Regional Outside
Sales Specialist
Today For More
Information**

Jason Martino-CPMR

Phone:

(413) 627-1607

Email

jmartino@newagemfgsales.com

**Northeast Region – MA, NY, CT,
PA, NJ, NH, ME, RI, VT**