Custom Gear Products

PIC Design has the ability to manufacture products to your specifications. Below are some examples of our capabilities. Call 800-243-6125 or email your sketches/designs to sales@pic-design.com

- **Spur & Helical** – From 0.080” to 16” Diameter
- **Racks** – Up to 48” long
- **Bevel** – Up to 2.25” Diameter
- **Worm Wheels** – Up to 6” Diameter

**Materials** – Stainless Steel, Aluminum, Brass, Bronze, Steel, Engineered Plastics

**Precision** – Up to AGMA 14

Visit **www.pic-design.com** for our complete catalog

Customer Resources

For over 60 years, we have offered our customers: engineering, manufacturing and motion control expertise.

**Website**  [www.pic-design.com](http://www.pic-design.com)

- Our re-designed website offers the following features:
  - Online shopping
  - Product specifications
  - CAD downloads
  - Technical articles
  - Selection wizards
  - Request a quote
  - Cross references

**Customer Service**

Speak with an experienced Customer Service Rep to:

- Place an order
- Request a quote
- Answer product questions
- Cross references
- Order status

**Application Engineers**

If you can’t find the technical resources you need, Customer Service will put you in touch with an Applications Engineer who can guide you in the specification and use of PIC Design products.

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Contact Us Today

**800.243.6125**

sales@pic-design.com

[www.pic-design.com](http://www.pic-design.com)

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**From Prototype Through Production**

Your Source for Standard and Custom Precision Mechanical Components
Standard Products

Gear Products
- Spur & Helical Gears
- Fine Pitch Racks
- Fine Pitch Round Racks
- Anti-Backlash Gears
- Miter & Bevel Gear Sets
- Worms & Wheels
- Pion So Shafts
- Cluster Gears
- Speed Reducers

Belts and Pulleys
- Machined Pulleys & Sprockets
  - No-Slip™ Positioning Belts (Positive Tooth Engagement)
  - No-Slide™ Timing Belts (Self Tracking)
- Traditional Timing Belts
- Round Belts
  - .1425" & .250" Pitch Stainless Steel Chain

Linear Motion
- Complete Linear Systems
  - Ball Slides
  - Crossed Roller Slides
  - Linear Stages
  - Pion So Shafts
  - Linear Rails
  - Slide Guides
  - Linear System Components

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Standard Products

Precision Components
- Dowel Pins
- Shoulder Screws
- Shafting
- Couplings
- Set Screws

Lead Screws and Nuts
- Acme Lead Screws & Nuts
- Precision Style Lead Screws & Nuts
- Anti-Backlash Nuts
- Rolled Ball Screws & Nuts

Bearings
- Precision Ball Bearings
  - Inch Bore: from .24" to 1.5"
  - Metric Bore: from 6mm to 40mm
- Bronze Sleeve Bearings
- Thrust Bearings
- Linear Bearings
- Plastic Bearings
- Rod Ends

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Modified Standard Products

Gear Products
- Bore Size
- Number Pitch Teeth
- Extra Set Screw
- Face Width
- Material
- Finish

Racks
- Length, Width, Height
- Mounting Holes
- End Configurations

Belts and Pulleys
- Number of Teeth
- Bore Size
- Material
- Extra Set Screw
- Finish

Lead Screws and Nuts
- Journals, Flats, etc.
- Length
- Optional Coating (black oxide, teflon, etc.)
- Material Choice (stainless steels, carbon steels, alloy steels, etc.)

Bearing Components
- Length
- Thread
- Material
- Finish

Precision Components
- Length
- Diameter
- Thread
- Material
- Finish

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