

# 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](mailto: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](http://www.pic-design.com) for our complete catalog

# PIC<sup>®</sup> DESIGN 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:

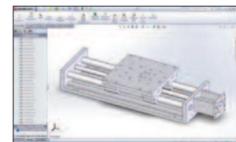
Online shopping	Product specifications	Request a quote
CAD downloads	Technical articles	Cross references
Calculators	Selection wizards	



## Customer Service

Speak with an experienced Customer Service Rep to:

Place an order	Price and delivery	Cross references
Request a quote	Answer product questions	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.



Visit us at  
[www.pic-design.com](http://www.pic-design.com)  
 for our complete  
 catalog



Contact Us Today  
**800.243.6125**  
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[www.pic-design.com](http://www.pic-design.com)

PIC Design • 86 Benson Road, Middlebury, CT 06762

# PIC<sup>®</sup> DESIGN



From Prototype Through Production

## Your Source for Standard and Custom Precision Mechanical Components



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# Standard Products

## Gear Products

Spur & Helical Gears  
Fine Pitch Racks  
Fine Pitch Round Racks  
Anti-Backlash Gears  
Mitre & Bevel Gear Sets  
Worms & Wheels  
Pinion 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  
Positioners  
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 Bores from .04" to 1.5"  
Metric Bores from 3mm 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 of 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.)



## Precision Components

Length  
Diameter  
Thread  
Bore  
Material  
Finish



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