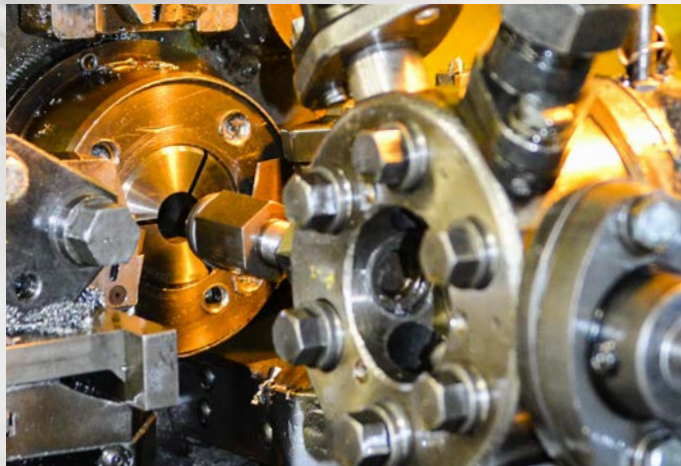
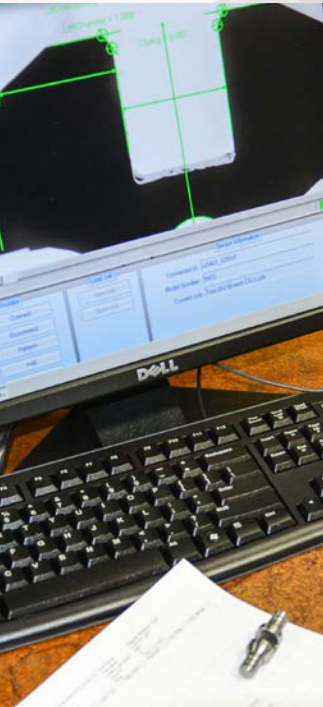
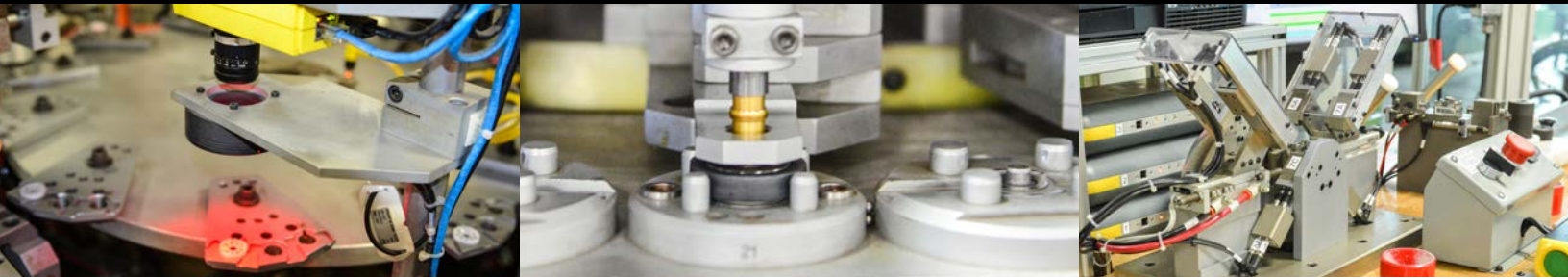


Kilian Bearings & Assemblies





Kilian

“We do whatever it takes to satisfy our customers” is more than just a slogan.

With facilities in New York and Canada, Kilian is the world leader in designing, developing and manufacturing precision-machined custom bearings and assemblies. Kilian bearings serve OEM bearing requirements for demanding automotive, aircraft and industrial applications.

With expert mechanical engineers on staff and thousands of innovative designs, Kilian works as an extension of your own in-house engineering team to create cost-effective bearing solutions and deliver the support you need to speed new product development and dramatically cut time to market. Our engineers leverage years of experience in bearing design to build a custom solution that perfectly meets your application needs.

With a reputation built on rapid, professional response that spans over 90 years in business, Kilian produces the finest precision-machined bearings and assemblies available today.




Scan to Watch
Kilian Manufacturing - Facility Overview Video

“For over 90 years Kilian has been the global market leader in the production of custom machined-race bearings.”
Don Wierbinski, General Manager

Engineering

Our experienced engineers help you optimize your design. Their familiarity with your product and industry will save you time and money. A Kilian-engineered design includes a careful review of load, speed, size, lubrication and environment. Our engineers work together with manufacturing and quality team members to make sure we meet all your requirements.



Scan to Watch
Kilian Manufacturing - Design and Development

“What sets Kilian apart from others is a streamlined product development process”
Jim Sartori, Sales and Marketing Manager

Prototypes

At Kilian, we pride ourselves on our ability to develop new products quickly and cost effectively for customers. Our engineers create new designs on CAD within days and prototypes follow within weeks. These samples are made on production equipment that represents the actual manufacturing process. Durability testing confirms analytical performance predictions.

Customer Service

Kilian's customer service is unmatched. Familiar with your account and trained to answer your questions, your customer service representative is located right in the manufacturing plant. Your field sales engineer serves as a local technical resource, working closely with the Kilian engineering staff. More than 2,500 local distributor branches stock Kilian standard catalog items and provide assistance as required.





Manufacturing Reliability

Automotive, aircraft and medical products around the world rely on Kilian precision-machined bearings and assemblies. Our engineering process, which includes design for manufacturability, assures cost efficiency and product reliability. Our skilled technicians operate best-in-class machinery. Widespread automation and electronic sensors help maintain the integrity of critical assembly operations.

Quality Assurance

At Kilian we strive to reduce variation in every product and process, while continually enhancing our ISO/IATF 16949 certified quality systems. Beginning at the design stage, our quality process is defined by a formal Control Plan. This contains well-documented procedures that are communicated, performed and verified. Our operators, who are responsible for the quality of the work they produce, use Statistical Process Control (SPC) to ensure that their processes remain "in control."

Scan to Watch
Kilian Manufacturing - Manufacturing Overview

"The equipment at Kilian is only part of the story. Bearing production is only possible with the support of our dedicated production team"
Bob McCarthy, Manufacturing Manager

Industrial Bearing Applications

Kilian machined-race bearings are custom-designed to meet your industrial application needs:

- Ball, roller or synthetic tire design based on load characteristics and function
- Material selection based on application or operating environment
- Kilian often incorporates other components, such as cold-headed parts, stampings, springs, rivets or threaded fasteners to make installation easier while reducing overall costs

The following examples are only a sampling of the types of applications Kilian can accommodate:

- **Material Handling**
- **Appliances**
- **Heavy Duty File Cabinets**
- **Aircraft**
- **Furniture**
- **Sliding Doors**

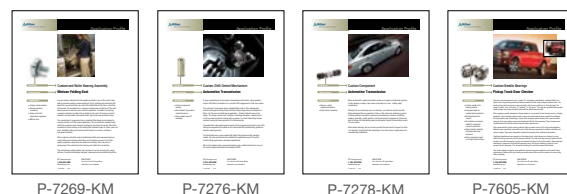


Automotive Bearing Applications

Kilian Bearings designs a wide range of bearings to meet a broad spectrum of demanding, automotive product application needs. Our major application areas are:

- **Seating**
- **Steering**
- **Transmission/Transfer Cases**
- **Sliding Doors**

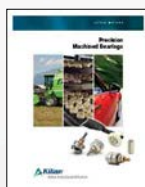
To view or download all Kilian automotive specific application profiles visit www.AltraAutomotive.com



Kilian Literature

www.AltraLiterature.com

Altra's Literature Portal is an excellent resource for engineers and technical professionals. The portal contains links to literature available from all Altra brands including catalogs, brochures, line cards, application profiles, magazine articles and service manuals. PDF files of any literature item can be easily downloaded for fast viewing or hard copies of all literature can be ordered by using the integrated "Shopping Cart" application.



P-7288-KM



P-7289-KM



P-8455-KM



P-7842-KM



P-8091-KM



P-1723-17-KM

Application Profiles

P-1868-KM	Precision Bearing Assembly for Skid Steer	P-7846-KM	Precision Bearing Assemblies for X-Ray Table
P-7267-KM	Custom Precision Track Roller Bearings for RV Room Slide-Outs	P-7847-KM	Custom Bearing Assemblies for Ambulance Stretchers
P-7268-KM	Custom Bearing Assembly for Pallet Rack Systems	P-7848-KM	Custom Bearing Assemblies for Hospital Overbed Tables
P-7269-KM	Customized Roller Bearing Assembly for Minivan Folding Seat	P-7850-KM	Precision Bearing Assemblies for Mobile Medical Workstations
P-7276-KM	Custom Shift Detent Mechanism for Automotive Transmission	P-7851-KM	Precision Bearing Assemblies for Blood Centrifuges
P-7277-KM	Custom Bearing Assemblies for Excavator Tensioner Pulleys	P-7607-KM	Double-Row Ball Bearing Assemblies for Laundry Service Trolley Conveyor
P-7278-KM	Custom Components for Automotive Transmission	P-7609-KM	Custom Bearing Assembly for Garment Racks for Trucks
P-7279-KM	Lightweight Pulley Bearings for Greenhouse Track Lighting Systems	P-7951-KM	Custom Precision Bearing Assemblies for Poultry Processing Equipment
P-7280-KM	Custom Thrust Bearings for OEM Transmission Drives	P-7955-KM	Custom Roller Bearing Assemblies for CNC Cutting Tables
P-7281-KM	Anti-Corrosive Custom Bearings for Pressure Washer Hose Reel	P-7956-KM	Custom Bearing Assemblies for Overhead Laundry Conveyor System
P-7282-KM	Stainless Steel Custom Bearings for Moveable Glass Wall Partitions	P-7952-KM	Precision Bearing Assemblies for Luxury Box Sliding Glass Walls
P-7283-KM	Heavy-Duty Custom Bearing Assemblies for Moveable Room Partitions	P-7910-KM	Unitized Thrust Bearing for Steering Column Tilt Lock
P-7604-KM	Custom Roller Bearings Aircraft Cargo System	P-8596-KM	Custom Bearing Assemblies for Pallet Rack Systems
P-7605-KM	Pickup Truck Door Checker	P-8597-KM	Custom Bearing Assemblies for White Boards
P-7606-KM	Custom SS Bearing Assembly for Overhead Poultry Conveyor		