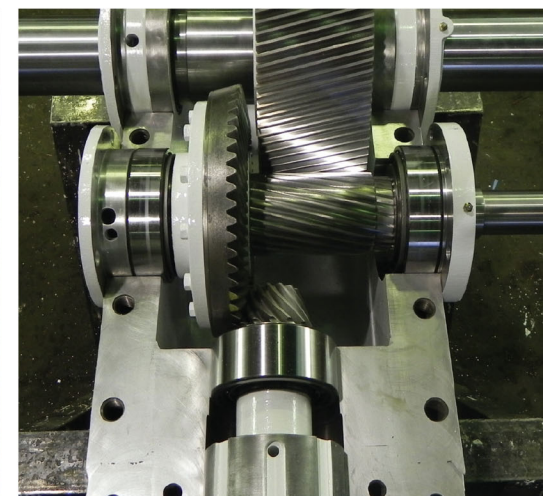


OPEN GEARING  
MRO  
GEARBOX REPAIR



## Capabilities

Much more than a gear shop, Akron Gear supplies quality, fast repairs by trained engineers, designers and technicians, experienced in the special workings of gearboxes, open gearing and general machining applications.



[akrongear.com](http://akrongear.com)

# OVERVIEW & CAPABILITIES

For over 100 years, Akron Gear has supplied gears, mechanical drive components and gearbox rebuilds. Much of our work involves meeting with customers to evaluate the condition of existing drives and to develop timely maintenance programs to improve drive uptime. Akron Gear uses extensive oil analysis tools provided by Real Services and a thorough evaluation of your drive made possible with in-depth computer modeling. With this information, Akron Gear is able to help you extend product life at a lower total cost of operation.



## Akron Gear's Reverse Engineering can Save Time and Money.

- No drawings for the parts
- High prices and long lead time from the OEM
- Parts no longer available
- Existing part needs improved



### Sprockets

84" OD  
3" CP



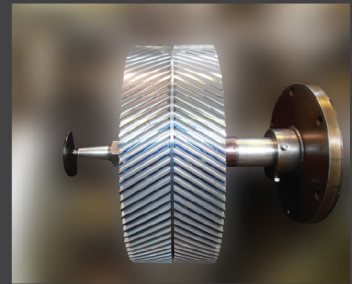
### Spur Gears

84" OD  
1.25 DP  
20 MOD



### Helical Gears

84" OD  
1.25 DP  
20 MOD



### Herringbone

72" OD  
2 DP  
12 MOD

## Industries Served

- Steel
- Power Generation
- Mining
- Plastics
- Food
- Wastewater
- Automotive
- Construction
- Stamping
- Recycling
- Extrusion
- Paper



## OPEN GEARING

From ½" diameter shafts and spindles to 30,000 pound bases, Akron Gear has the right equipment to meet your machining needs. Whether you provide prints or send your part in as a sample for reverse engineering, Akron Gear can beat OEM pricing with shorter lead times.

Contact us today and let us save you time and money!

Turning/ Machining	Maximum Height/Length	Maximum Diameter	Maximum Weight	Other
VTL Turning	108"	108"	15 TONS	
CNC Turning	20"	10"	900#	
Large CNC Turning	62"	23" DIA	2600#	6.5" through spindle hole
Engine Lathe	120"	25" DIA	2000#	
O.D. Grind	36"	10"	750#	
I.D. Grind	6"	9 ½"	125#	
Key Seat	24"	3" WIDTH	---	
CNC Horizontal Boring Mill	96" HEIGHT 98" LENGTH	78" WIDTH	15 TONS	6" BAR
CNC Vertical Machine Center	40"	20"	1000#	
Slotting	24" STROKE	36"	1500#	

## GEARBOX RESTORATION



Every gearbox rebuild includes full disassembly and inspection of the internal drive components. Parts that can be reused are fluorescent penetrant inspected. Housings are sandblasted, inspected for damage and painted internally and externally with two-part epoxy paint. Akron Gear rebuilds all makes and types of drives including planetary, parallel shaft, worm gear, and bevel gears.

The repair center offers several service options, low cost teardowns, and fast turnarounds. Whether you are interested in partial/complete rebuild or extended service contract, we are ready to answer your call!

Akron Gear is also an authorized Cone Drive/Conex remanufacturer and stocking swift center.

Brands include but not limited to:

- Alten
- Cone Drive
- Falk
- Flender
- Foote-Jones
- Gloucester
- Koellmann
- Link-Belt
- Marley
- Philadelphia
- Westinghouse

[akrongear.com](http://akrongear.com)



### Internal Splines/Gears

36" OD  
3 DP  
8 MOD



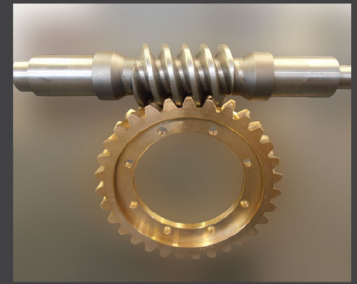
### Bevels & Miters

24" OD  
3 DP  
8 MOD



### Spline Shafts

5.75" OD X 96" LG 24" Spline  
9.875" OD X 96" LG 20" Spline



### Worm Gear Sets

3 DP  
12 MOD



Complete service is available in the handling, disassembling and reconstruction of your gearbox whether it's 500 or 50,000 pounds. Special attention is provided for emergency breakdown repairs that may be required to get your equipment back in operation. Don't forget to ask about our open gearing capabilities!

For more information on Akron Gear & Engineering capabilities, please contact us.

#### Industries



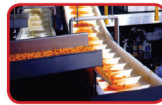
METALS



WASTEWATER



AUTOMOTIVE



FOOD



POWER  
GENERATION



MINING

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