

BEARING HEADQUARTERS CO.

A HEADCO INDUSTRIES COMPANY



**The Solutions Provider
for American  Industry**



**Corporate Office
Broadview, Illinois
708-681-4400**



HEADCO INDUSTRIES

www.bearingheadquarters.com

Bearing Headquarters Co.

Branch Locations Throughout the Midwest

Bronze Headquarters Co.

Cleveland, Ohio

Electrical Drives Division & Circuit Board Repair

Chicago, Illinois

Gear Headquarters Co.

Kansas City, Kansas

Gears & Sprockets Headquarters Co.

Chicago, Illinois

Headco Machine Works Inc.

Keokuk, Iowa

Highland Hydraulics Co.

Highland, Indiana

Material Handling Division

Kansas City, Kansas

Enclosed Gearing Assembly Division

Chicago, Illinois

Headco Integrated Supply Technologies (CribMaster Software)

In-Plant Storeroom Services

Industrial Information Headquarters (The Bearing Manual)

Chicago, Illinois



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Headco Shops



BEARING HEADQUARTERS CO.

Solutions, Service, Technical Support

BEARING HEADQUARTERS CO.
Selling Solutions

Problem at Ethanol Plant on Lotus Mixers
Large ethanol plant (100 Mill gal) has 14 blending tanks equipped with a low quality import gearbox. Customer is experiencing repeated failures and a short service life of less than 1 year from each unit. OEM has no support in the U.S.

BHQ Solution
BHQ selected a standard Delroyd unit with an adequate SF for the application coupled with a NEMA frame motor. GHQ fabricated the coupling and adapter ring to mount on the OEM pedestal allowing the customer to standardize the drive for all tanks.
Customer can stock single replacement unit for all tanks. Replacement units are readily available in the U.S.
Delroyd gearboxes were installed in January of 2012 and have had no failures. Maintenance costs and downtime are dramatically reduced.
Savings of \$30,000.00 per Mixer Tank. Projected life of Delroyd is 3 years 14 tanks in service

Savings \$30,000 Per Tank

BEARING HEADQUARTERS CO.
Selling Solutions

Problem at Power Generation Plant
Customer is a large power plant had Bearing failure at coal yard unloading conveyor will seriously slow unloading of coal.
Replacing the Dodge bearing with a traditional bearing would require the removal of the entire head pulley from the conveyor and then pulling the shaft-mount gearbox.

BHQ Solution
BHQ QSR made joint call with Cooper Rep. and recommended replacing Dodge Bearing with a Cooper Split Bearing.
By using the Cooper design, customer cut installation time by an estimated 18 hours and did not require the use of a rented crane as the head pulley and its associated drive did not have to be removed.
Avoiding Crane rental, reduced installation time, lost production, labor costs;

Savings \$28,000

BEARING HEADQUARTERS CO.
Solutions for Reducing Your V Belt Usage

Customer at Waste Water Treatment plant has excessive usage of 50070 belts on Drive Agitator Drive. Customer requested BHQ supply 250070 Power Band Belt to address problem.
Customer has 8 drives in plant and is replacing belts 4 to 5 times a year on each drive.
BHQ Solutions Expert visits customer site and recommends Shave be checked for wear. Measurement of Shaves with gauge shows excessive wear.
Customer replaces shaves. Including cost of shave replacement.
First year savings of \$331.40, each additional year \$1,486.64 in savings

Factors Affecting V Belt Life
> Improper Maintenance 42%
> Worn Shaves & Alignment
> Environmental Factors 15%
> Improper Installation 20%
> Poor Design 20%
> Improper Handling 2%
> Defective Materials 1%

All BHQ Solutions Experts routinely carry Shave Gauges.
BHQ can offer a tool to insure proper Alignment.

Savings 1st Year \$331, 2nd Year \$1,488

CORPORATE PROFILE

- Inventory of Over \$20 Million
- ISO 9001:2008 + AS9120A Certified
- 2nd Largest Privately Held Bearing Distributor
- 8th Largest in the Nation
- 34 Locations in 11 States
- Over 75 Years in Business

CUSTOMER SUPPORT SERVICE

- Twenty-Four Hour Emergency Service
- Company Operated Delivery Service
- 200 Plus Suppliers of Industrial Products
- Experienced Inside Sales Support
- Experienced Outside Support Staff
- In Field Management Support
- Goal of Error Free Shipments
- Product Upgrade Support
- VMI Programs

IN PLANT TECHNICAL SUPPORT

- On Staff Hydraulic Specialist
- On Staff Gear Design Specialist
- Supplier Engineering Support
- Lifecycle/Failure Analysis
- Product, Maintenance & Safety Training Seminars
- Web Based Drive Design

ADDED SERVICES & AFFILIATIONS

- SupplyPro Vending Technology
- Data Cleansing Division
- CribMaster Software
- Affiliation with IBC BearingSupplyPlus
(MBE Hispanic & Veteran Owned Small Certified Business)

PRODUCT SUPPORT

- Bearings
 - Bronze Materials
- Conveyor Material Handling Equipment
 - Mechanical Power Transmission
 - Electrical Power Transmission
 - Electric Motors
- Industrial Paints, Sealants and Adhesives



Serving the Industrial Market Since 1934

METAL WORKING DIVISION



- Made to Order Gearing
- Gears 1 Inch to 10 Feet Diameter
- Made to Order Sprockets
- Made to Order Sheaves
- Made to Order Pulleys
- Made to Order Shafts
- Quotes from Prints or Samples
- Special Bronze Bushings/Bars
- MRO Quantities
- Wide Range of Machining Service
- Breakdown Service

**ENCLOSED
GEARING ASSEMBLY**
Radicon, Falk, Rexnord



REPAIR SERVICES

- Speed Reducer Repair
- Bearing Renovation
- Hydraulic Unit Repair



The USS New York.

We are proud to report , that a Headco Shop manufactured two Spur Gears for this Historic Ship.

