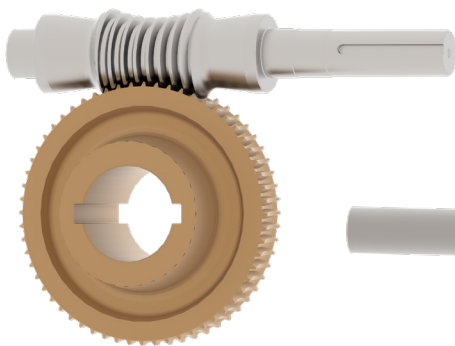


Gear Sets

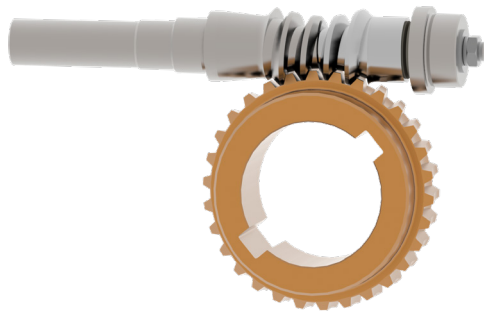
Since 1925, customers have been trusting Cone Drive's double-enveloping worm gearing technology to provide the power and precision they need for their application. For customers who would like the additional performance of a Cone Drive gear set and would like to maintain their current or custom housing, Cone Drive can manufacture a gear set to fit perfectly into most any application.

FOOD & PACKAGING | AEROSPACE & DEFENSE | PHARMACEUTICAL & MEDICAL | OIL & GAS

MADE IN
USA



Standard Double
Enveloping Worm Gear Set



Zero Backlash Double
Enveloping Worm Gear Set

Cone Drive Gear Sets:

- Standard and Zero Backlash options available
- Supplied as matched sets
- Wide range of exact ratios and sizes
- Adaptable to a multitude of customer specific applications
- Additional information available in Cone Drive Gear Set catalog

 [CONFIGURE & DOWNLOAD YOUR MODEL AT ConeTools.com](https://www.conedrive.com/conetools)

S P E C I F I C A T I O N S

Sizes: 1.5" through 36" CD

Standard Ratios: 5:1 – 70:1

Backlash: Standard, Low, Zero

Gear Materials: Tin + Alum Bronze, Ductile Iron, Steel Aluminum, Torlon®


Worm Materials: Hardened Steel + Nitride, Stainless Steel




Modified Output Configuration: Keyways, Splines

Custom Design Options: Custom Center Distance, Custom Ratios

Special Ratios: Up to 200:1 single stage; size dependent, Sector gears



 Cone Drive Operations, Inc.
240 East 12th Street
Traverse City, MI 49684, USA

 +1.888.994.2663
 orders@conedrive.com
 [conedrive.com](https://www.conedrive.com)

Cone Drive

BY TIMKEN

DOUBLE ENVELOPING WORM GEAR

For almost 100 years Cone Drive has been designing and developing products to meet our customer's needs. We are constantly evolving and expanding our technology to ensure customer satisfaction and industry leading performance.

Why Choose Cone Drive Worm Gears?



CONE DRIVE DOUBLE-ENVELOPING WORM GEAR TECHNOLOGY

Since 1925 Cone Drive's double-enveloping technology has been providing greater gear surface contact for higher load capacity, lower contact stress, and greater shock capacity.



WORM GEARBOX EFFICIENCY WITH A POWERFUL DESIGN

The additional surface contact provided by Cone Drive's double-enveloping gearing results in a reducer that runs cooler, quieter, and more efficiently than the competition. Cone Drive worm gear reducers are through hardened to further provide additional strength.



SERVICE FACTOR SAVINGS

The additional power and efficiency of a Cone Drive gearbox allows you the option to downsize to a smaller package which equates to space savings in your system and cost savings in your pocket.



PRODUCT VARIETY

We offer a wide range of hollow output bore options to accommodate even the largest of required diameters and small worm gears too. If you are looking for a solution to a gearing application, Cone Drive has the answer and the product range to back it up.



LET'S TALK BEARINGS

We use two heavy duty roller bearings to provide dual support for the worm increasing the longevity of the gearbox. Heavy duty bearings are used on the output shafts, which is excellent for applications that require high overhung loads.



WORM DRIVE GEARBOXES WITH POWER AND ACCURACY

The inherent accuracy of the double-enveloping gearing keeps the deflection and torsional displacement low which is exactly what you need for your most critical timing and indexing applications. Exact ratios eliminate the problems posed by fractional units. We offer solutions with standard, low, and zero backlash worm gearsets.



CUSTOM IS OUR SPECIALTY

Our experienced team of engineers are ready and willing to take on a challenge. Let us put our expertise to work and develop a solution customized to fit your needs.



CONE DRIVE QUALITY

We pride ourselves on quality engineering, manufacturing and service. From preliminary design to field installations and everything in between; Cone Drive follows strict quality controls to ensure your full satisfaction.



WE HAVE STOOD THE TEST OF TIME


For nearly 100 years, we have been making quality, durable worm gears. Our double-enveloping worm gearboxes drive equipment in a variety of applications. When you choose Cone Drive, you have the confidence of knowing that our many years of experience are behind every unit that we build.






OUR TEAM

Cone Drive has a team of highly qualified, high character individuals to help answer any of your questions. Give us a call and we will offer dedicated, personal support to help get you started and identify what product will best fit your application.



 Cone Drive Operations, Inc.
240 East 12th Street
Traverse City, MI 49684, USA

 +1.888.994.2663
 orders@conedrive.com
 conedrive.com