

Smart solutions with worm gears

Are you looking for a gear meeting the highest requirements - impressive efficiency and long service life, smooth running in both directions at high speeds? Worm gears are the perfect solution for such situations. This type of mechanical gearing allows large gear reductions (up to 100:1) and ensures quiet running due to the use of appropriate materials. Nozag offers a wide range of individual worm wheels and shafts (modules 0.5 to 6), as well as special designs of compact worm gear drives.

Customized and economic solutions with individual components

You determine the components; Nozag provides the necessary elements for the best solution, from the individual worm wheel in bronze or cast to the worm shaft in steel. A complete worm gear unit, available with different center distances, is an even more comfortable solution.



For higher demands and lower wear

Are your expectations high with regard to load and mounting options, but limited in terms of pricing? Nozag offers a broad range of worm gears for various industries and applications. This compact and easy-to-assemble drive solution excels by its wear properties and may be combined individually with gear motors or other drive components.



CHM & CH – Worm gears for normal performance requirements with many different mounting possibilities, optional with gear motor. Such combinations are frequently used in machinery and plant engineering as well as in automation technology.

NSG – The worm gear box, ideal where large axial forces are acting on the output shaft. Because of its design and specifications, this product is widely used in rotators and turntables.

Series 56 – A gearbox for highest requirements. A worm gear for high speeds, smooth running in both directions, characterized by an impressive efficiency and a long service life. Best quality for applications with a high duty cycle.

We will be happy to advise you either by phone or on site.



Worm gear leads cow lift invention to success

There is an ingenious idea behind every innovation. That was the case when Peter Studer developed the mobile cow lift that can be assembled in only a few steps. It helps to lift the cow in case of medical examinations. Nozag enlisted Mr. Studer's inventive talent to create a solution by means of a worm gear. This in turn helped Mr. Studer earn the Swiss animal innovation prize (Suisse-Tier-Innovationspreis).



Worm wheels – messengers of time

Pass me the ball! The worm gear unit provides its service in an art clock that is mechanically driven by rolling balls. The balls are rolled to the starting position by worm wheels.