



www.reliablegears.in

Reliable Gears, based in Valsad, Gujarat, is a leading manufacturer, supplier, and exporter of custom industrial gears and gearboxes. With 7,000 sq. feet of state-of-the-art manufacturing space and skilled employees, we specialize in producing high-quality gears, including worm gears, internal and external gears, using advanced equipment like Gear Hobbing. We focus on meeting international standards.



Reliable
Gears

What We Offer !



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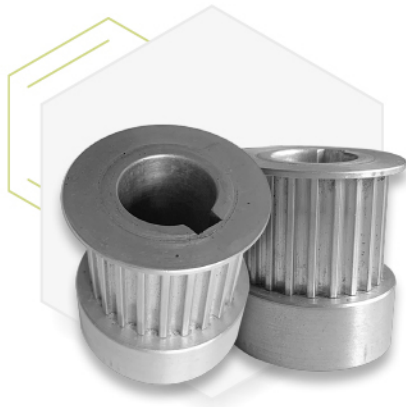
Chain Sprockets

Sprockets are rotating parts with teeth that are used in conjunction with a chain and, almost always, at least one other sprocket to transmit torque. Sprockets and chain can be used to change the speed, torque, or original direction of a motor.



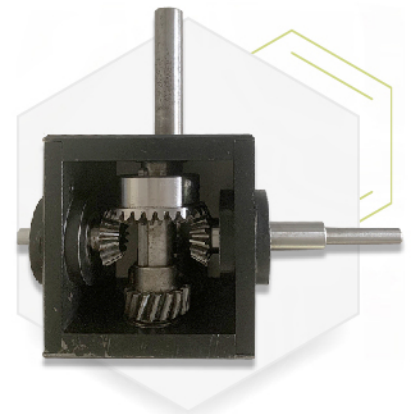
Timing Pulley

Timing belts have teeth that prevent slippage so that the pulley and the belt always move together. There are many different types of timing pulleys, suitable for different applications.



Custom Gearboxes

Gearboxes transmit power by increasing torque, increasing or reducing shaft speed, reversing rotation, and driving at the right angle to the input or parallel to the input. These versatile power transmission components are used in various types of industrial equipment and machinery across applications including food and beverage, medical, aerospace, office machines and several others.



Worm Gears

Worm and gear sets are a simple and compact way to achieve a high torque, low speed gear ratio. For example, helical gears are normally limited to gear ratios of less than 10:1 while worm-and-gear sets vary from 10:1 to 500:1. A disadvantage is the potential for considerable sliding action, leading to low efficiency.



Helical Gears

Helical Gears offer a refinement over Spur Gears. These gears offer a refinement over spur gears. The leading edges of the teeth are not parallel to the axis of rotation but are set at an angle. Since the gear is curved, this angling makes the tooth shape a segment of a helix. Helical Gears can be meshed in parallel or crossed orientations.



Spur Gears

Spur gears are the common gears that transmit power between two parallel shafts. Since the tooth surfaces of the gears are parallel to the axes of the shafts, there is no thrust force generated in the axial direction.



Bevel Gears

A bevel gear is shaped like a right circular cone with most of its tip cut off. When two bevel gears mesh, their imaginary vertices must occupy the same point. Their shaft axes also intersect at this point, forming an arbitrary non-straight angle between the shafts.



Upgrade with Us !

At Reliable Gears we understand client's requirements.

Our clients just simply need to ask for products they want, after that all technical requirements should be taken care by us. Clients have to experience our products. All our products are manufactured and maintained by expert engineers and experienced employees.

Get in touch Now !

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