

Gear Remedy...



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Gear remedy is the best mechanical engineering magazine for students. This may be because it is quite interesting to read and is based on mechanics and manufacturing which is the core topic of mechanical engineering. In this magazine, you'll learn about types of gear, their manufacturing, why they are used in automobile sector, from which material they are manufactured, their demand in market, cost, etc.

Types of gears: Spur gears, Helical gears, Bevel gears, Worm gears, Rack and pinion.

Why they are used?

Gears are implemented to reduce or to increase speed of driving element. Gear are allows power source to translate it 39 power to the point of application as requirements. Gear allows application to run on low speed high torque requirement or vice versa. Vehicle require a series of speed alterations.

Their material - Gears are made of variety of materials depending on the requirement of the machine. They are made of plastic, steel, wood, cast iron, aluminum, brass, powdered metal, magnetic alloys and many others. The gear. designer and user face a myriad of choices.

Demand -The automotive gears market is valued at USD 4.2 Billion in 2020 and is expected to reach USD 5.1 Billion by 2026. Cost – it is depending on products but not much high.