















Type of Gearbox	Suitable Industries and Applications	Advantages	Disadvantages
Bevel	Print Press Power Plants Automobiles Steel Plants Hand Drills Differential Drives Oil Industry Blowers Food and Labelling Cutters Elevators	Right angle configuration Durable Can be meshed in parallel or cross orientation Smooth and quiet operation Efficient	Axes must be able to support forces Poorly cut teeth may result in excessive vibration and noise during operation Resistant thrust along axis of gear Additives to lubrication
		High horsepower	
Spur	Cut-to-Length Packaging Speed Control Construction Power Plants	Cost-effective High gear ratios Compact High torque output	Noisy Prone to wear
Worm	Mining Rolling Mills Presses Elevators/Escalator Drive Systems	High precision Right-angle configurations Low noise Maintenance-free	Non-reversible Low efficiency
Planetary	Slewing Drives Lifts Cranes Machine Tools Automotive	High power density Compact High efficiency in power transmission Greater stability Load distribution among planetary gears	High bearing loads Inaccessibility