

Types of Gears

Spur
Helical
Bevel
Worm

Gear terms:

fundamental law of gearing

velocity ratio

circular pitch

base pitch

pitch diameters, pitch radii

center distance

addendum

dedendum

whole depth

clearance

outside diameter

contact ratio

backlash

Gear Trains

simple

compound

reverted

Epicyclic Trains

formula method

tabular method