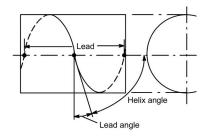
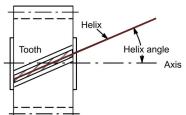


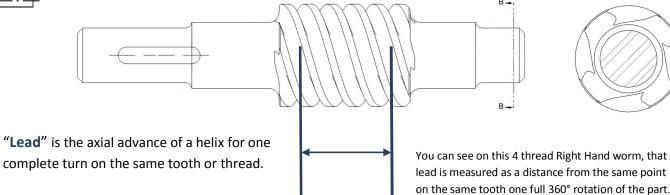
## Doppler Gear TechBit: Gear 301, Helix and Lead

Helical gears are often specified with a "Helix Angle" yet this feature is measured as "Lead". So what is the difference between Helix and Lead?

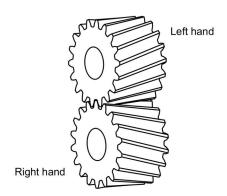




"Helix Angle" is the angle between any helix and an axial line on its cylinder. In helical gears and worms, it is calculated at the standard pitch circle unless otherwise specified.



## Helix Angle is specified in degrees and Lead is measured in length.





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