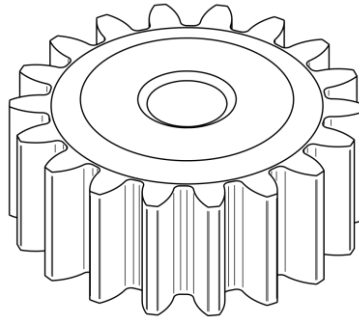


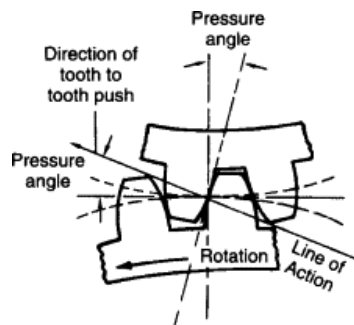
Spur Gears

Plugin at: provided as standard under **UTILITIES/ADD-INS/Scripts** and **ADD-ins/Sample Scripts/SpurGear***



Pressure angle:

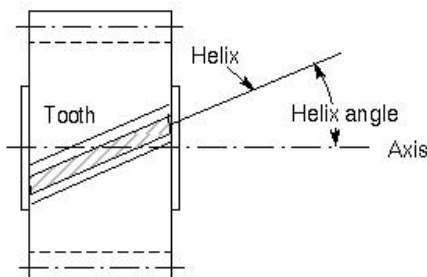
Pressure angle is the angle of tooth drive action, or the angle between the line of force between meshing teeth and the tangent to the pitch circle at the point of mesh. Typical pressure angles are 14.5° or 20° .



Module:

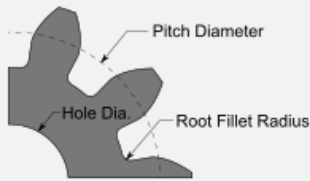
Helix angle:

Helix angle is the angle at which the gear teeth are aligned compared to the axis.



SPUR GEAR

Module: Size Ratio
Pitch Dia/Number of Teeth



Standard: Metric
Pressure Angle: 20 deg
Module: 1.50
Number of Teeth: 12
Backlash: 0.00 mm
Root Fillet Radius: 0.794 mm
Gear Thickness: 10.00 mm
Hole Diameter: 10.00 mm
Pitch Diameter: 18.00 mm

OK Cancel

*You'll see two scripts, they are written in different programming languages but provide the same interface and result.