Bevel Gears

Bevel gears have their teeth formed on a conical surface and are used to transfer motion between intersecting shafts. This poster covers straight-tooth bevel gears. Spiral bevel gears are guite similar but have their teeth cut so that they are no longer straight but form a circular arc. For both straight and spiral bevel gears, the shafts have to be perpendicular and in the same plane. Hypoid gears can transfer motion between shafts that are offset and don't intersect.



Straight Toot Bevel Gear



