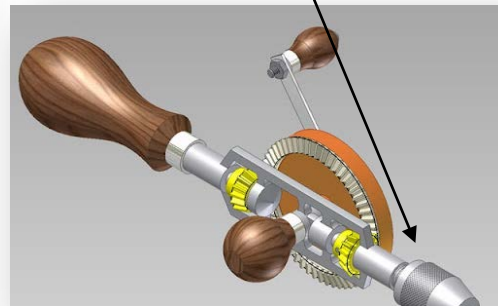
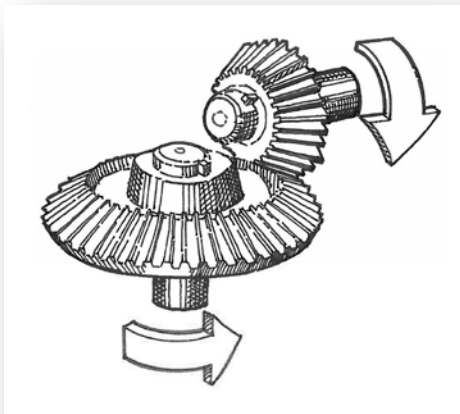


Bevel Gears

Bevel gears are used to turn a drive through 90°. In the hand drill example shown, bevel gearing also increases the speed of rotation of the **chuck**.



Bevel gears, like worm gears, use shafts at an angle of 90°. The hand drill shown uses them not only to change the rotary motion through 90°, but also, by using different sized gears, to increase the speed of rotation. The one shown gives a speed increase of 1:4.

Bevel gears are used to transmit motion through 90 degrees, but can also be used to either increase speed or decrease speed or leave the speeds the same depending on the size of gears used together.