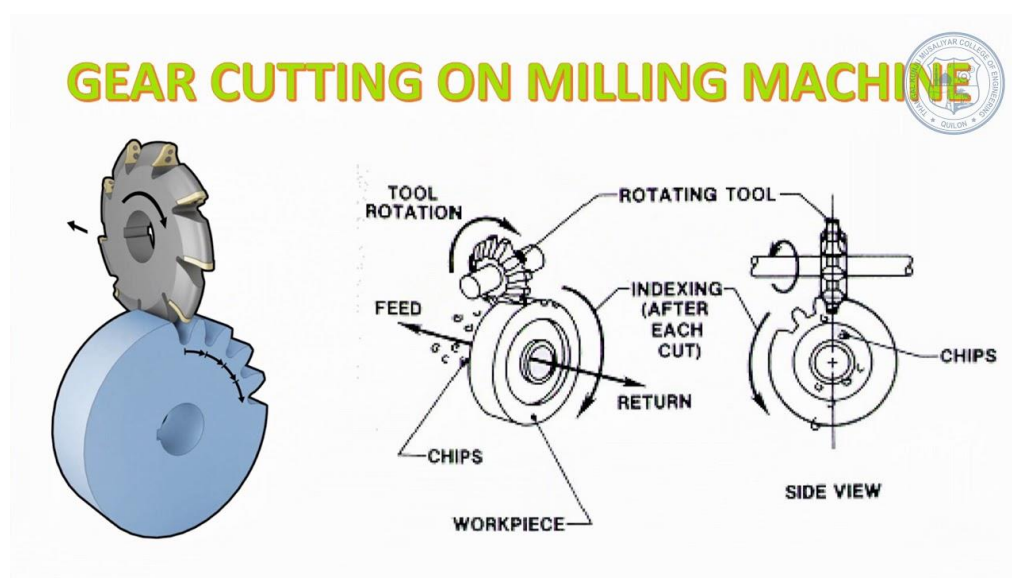


Gear Manufacturing

Gear manufacturing refers to the making of gears. Gears can be manufactured by a variety of processes, including casting, forging, extrusion, powder metallurgy, and blanking. As a general rule, however, machining is applied to achieve the final dimensions, shape and surface finish in the gear.

Gear milling process

It is a process of cutting gears. Depending on the application, gears are made from different materials, including metal, plastic, and wood. While many metal gears do not require cutting, others do.



Gear Hobbing process

Gear Hobbing is the process of generating gear teeth by means of a rotating cutter referred to as a 'hob'. A hob resembles a worm gear; it has a number of flutes (also referred to as a gash) around its periphery, parallel to the axis, to form cutting edges.

