

Helical Gears

Gibbs Gears has the capability to manufacture complete, gear cut and grinding of helical gears. Helical or “dry fixed” gears offer a refinement over spur gears. The leading edges of the teeth are not parallel to the axis of rotation, but are set at an angle.

As helical gears are curved, this angling causes the tooth shape to be a segment of a helix. Helical gears can be meshed in parallel or crossed orientations.



CNC SHAPING – HELICAL GEARS – CAPABILITIES

MAX PITCH:	UP TO 12 MOD
MAX DIAMETER:	UP TO 500 MM
MAX FACE WIDTH:	UP TO 200 MM

CNC HOBBING – HELICAL GEARS – CAPABILITIES

MAX PITCH:	UP TO 12 MOD
MAX DIAMETER:	UP TO 600 MM
MAX FACE WIDTH:	UP TO 254 MM

CNC INTERNAL – HELICAL GEARS:

PITCH:	UP TO 12 MOD
MAX OD/ID:	UP TO 500 MM
MAX FACE WIDTH:	UP TO 200 MM

