

PRECISION PLASMA LLC GEAR INFORMATION



The gears are designed to lock onto the 3/8" shaft of the 620in-oz motors supplied by candcnc. The procedure follows:

1. loosen the set screw on the collar with an 1/8" allen wrench
2. slip the collar onto the gear hub
3. slide the gear/collar assembly onto the motor shaft
4. align the set screw to be OPPOSITE the flat of the shaft
5. tighten the set screw to clamp the gear to the shaft

Note: the set screw clamps the hub of the gear to the shaft without having the set screw of the collar touch the shaft. This prevents marring of the motor shaft.

For added reliability, Loctite can be used on the set screw and also between the motor shaft and gear. If loctite is used between the motor shaft and gear, heat may be required to remove the assembly.

NOTE: The hole sizes vary from motor to motor. If the mounting screws do not fit through the holes, chase them out with a 3/16" drill bit .