Datum Origin
datum dimensions w.r.t origin

large gear
16 teeth, 6.4 pitch dia

lantern gear
12 teeth, 4.8 pitch dia

construction line points for gear teeth
center lines and reference lines are usually dashed

only need to show a few gear teeth; elsewhere just draw the crown and root circles and pitch circle

lapped joint gives a bit more strength and is easy to cut

will need magnified detail of a few teeth to determine profile

Scale: 1 cm = 1 foot