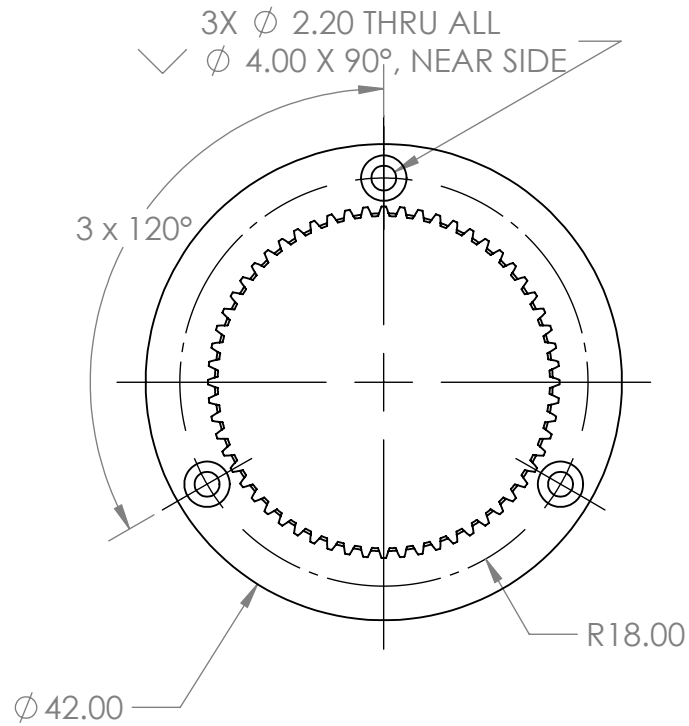
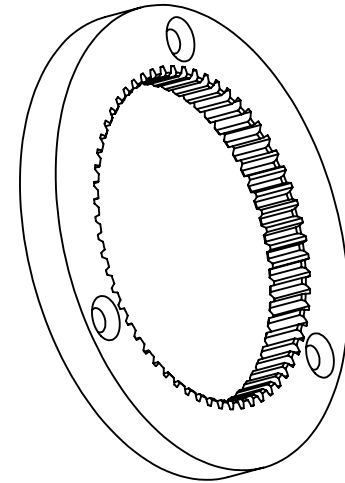
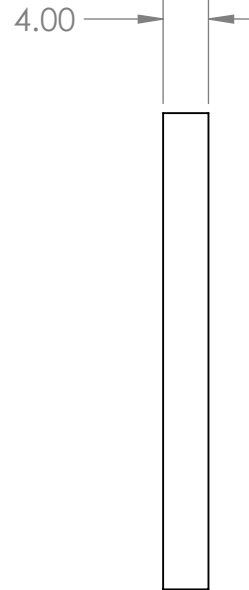


B



Chamfer on both
 edge of gear inner
 diameter:
 0.25 x 45 degrees



Gear Profile

Module	0.5
Number of Teeth	60
Pressure Angle	20
Diameter Pitch	50.8
Outer Diameter	40mm
Pitch Diameter	30mm
Root Diameter	31.25mm
Tip Diameter	29.40mm
Addendum	0.3mm
Dedendum	0.625mm
Curve Segment Length	0.3mm

B

A

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS

TOLERANCES: \pm 0.25 IF NOT
 SPECIFIED
 ANGULAR: \pm 5 DEGREES
 ONE PLACE DECIMAL : 0.1
 TWO PLACE DECIMAL : 0.05

INTERPRET GEOMETRIC
 TOLERANCING PER: ASME Y-14.5

MATERIAL
 Plain Carbon Steel

FINISH
 AS-MACHINED

DO NOT SCALE DRAWING

DRAWN

NAME

DATE

AZ

11/08/20

COMMENTS:

ThunderBots

TITLE:
60T_InternalGear

SIZE DWG. NO.

A

1

REV

4

SCALE: 1.5:1 WEIGHT:

SHEET 1 OF 1

A