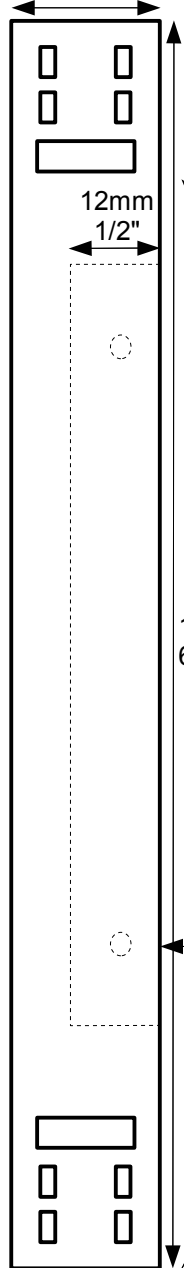


Electrode Supports
(make ten)

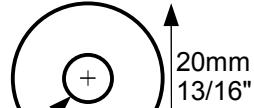
20mm / 13/16"



12mm
1/2"

Use nylon nuts (20) and bolts (40) here (e.g. 1/4" - 20 x 2 1/2" long)

Plastic Washers
(make forty)

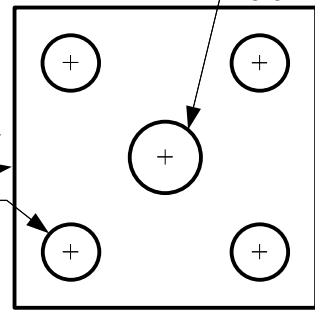


drill bit
1/4" / 6.4mm

12.5mm / 8/16"

drill bit
3/8" / 9.5mm

Bearing Mounting Plate
(make two)



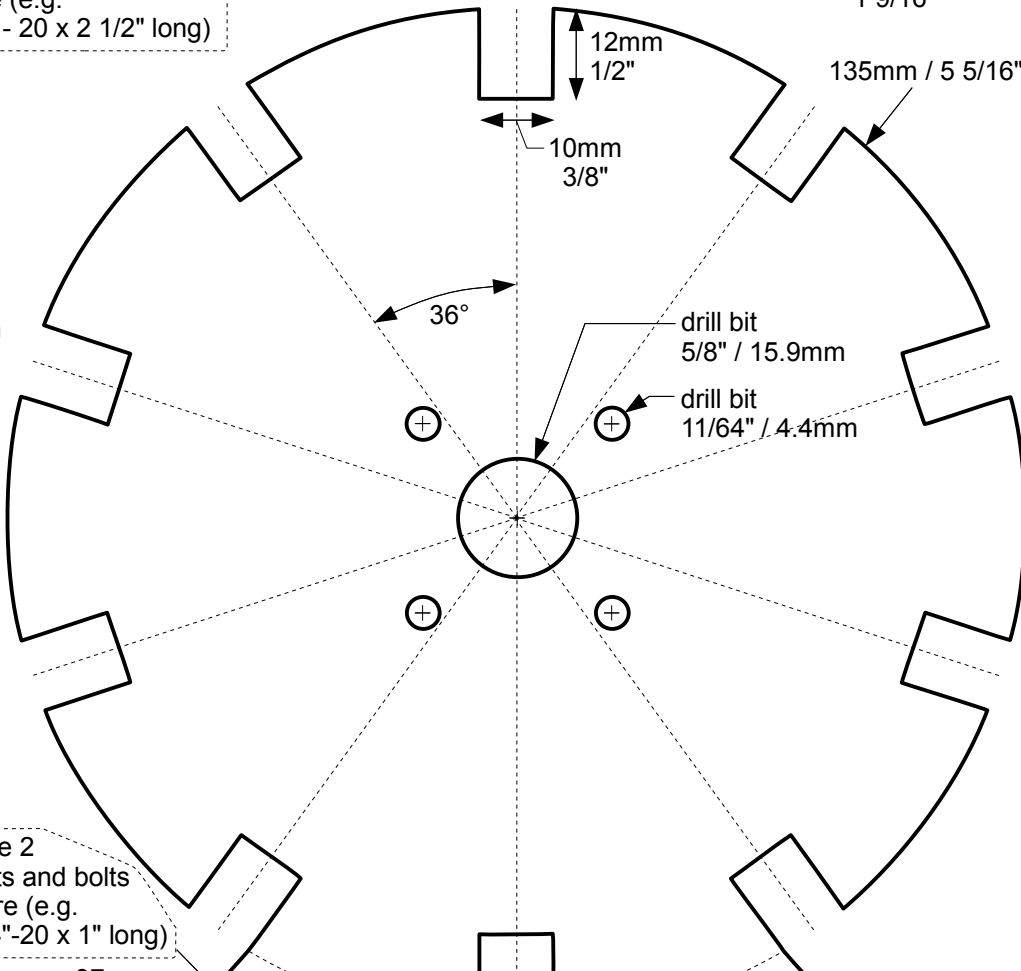
40mm
1 9/16"

drill bit
19/64"
7.5mm

Use 8 nylon nuts, washers and wing nuts here (e.g. #10 - 32 x cut to 7/8" length to fit)

135mm / 5 5/16" diameter

165mm
6 1/2"



drill bit
5/8" / 15.9mm

drill bit
11/64" / 4.4mm

10mm
3/8"

12mm
1/2"

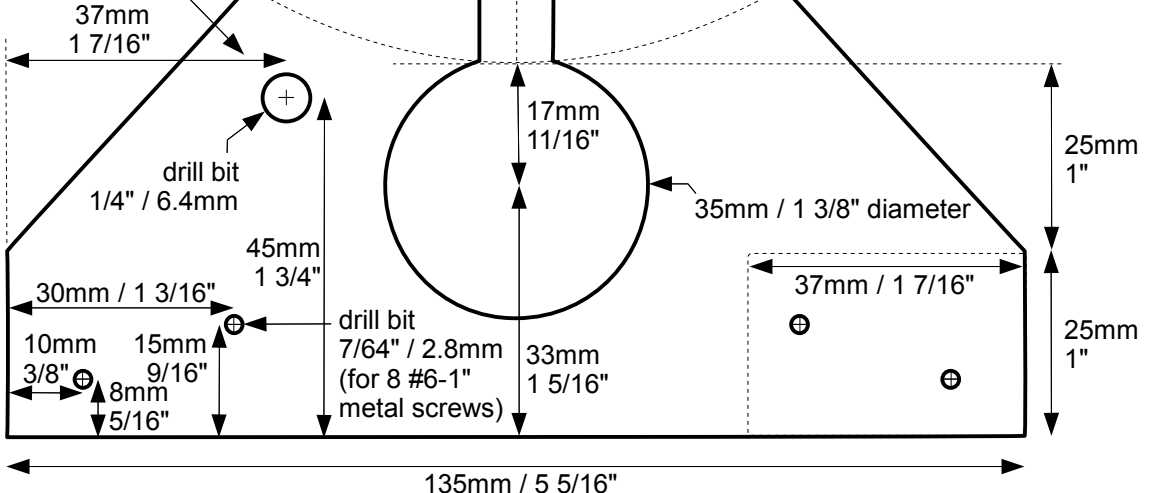
Use 2 nuts and bolts here (e.g. 1/4"-20 x 1" long)

Make these holes using the blade as a guide. Use 10 nylon nuts, washers and bolts (e.g. #6-32 x 1/2" long)

Corona motor (v2)

Templates and dimensions for corona motor.
By: Steven Dufresne
July 21, 2018
Further steps for making it are in a video under

https://rimstar.org/science_electronics_projects/corona_motor_electrostatic_atmospheric_motor.htm



drill bit
1/4" / 6.4mm

45mm
1 3/4"

10mm
3/8"

15mm
9/16"

8mm
5/16"

drill bit
7/64" / 2.8mm
(for 8 #6-1" metal screws)

33mm
1 5/16"

37mm / 1 7/16"

25mm
1"

25mm
1"

135mm / 5 5/16"