

Tools and Materials

Tools:

Bent Nose or Needle Nose pliers
Wire Cutters
Butter knife
Steamer or Pot of water and a stove top
large eye sewing needle

Materials:

for all fans -

- 24 staves
I use Donna Touch's aluminum staves
- 2 bolts (diameter and length depends on staves)
I use 1/4" x 2-3/4" Furniture Connector Bolts
- 2 regular nuts (diameter depends on bolts)
- 2 locking nuts (diameter depends on bolts)
I use 1/4" Joint Connector Nuts instead of bolt caps
- 24 washers (diameter depends on bolts)
I use 3/8" neoprene washers
- 24 gauge galvanized steel wire
- #30-#40 nylon monofilament line (a.k.a. fishing line)
- rhinestones if you want 'em and GemTac to adhere them

for single layer fans

- 24 x Ostrich Wing Feathers (18"-24")
- 24 x Ostrich Drab Feathers (11"-13" or 14"-16"; long enough to cover your staves)

for double layer fans

- 48 x Ostrich Wing Feathers (18"-24")

for triple layer fans

- 48 x Ostrich Wing Feathers (18"-24")
- 24 x Ostrich Drab Feathers (14"-16")

optional feather embellishments

- 12 - 24 pheasant or peacock tail feathers (20"-24")
- 1/4 lb strung Rooster coque tail feathers (7"-10" or 9"-12")
- 12 - 24 Ostrich Nandu feathers (18"-24")

I also suggest arming yourself with patience, something fun to binge watch in the background and a glass of wine or a nice cup of tea :)