

# Resources

*Where to obtain materials, consumables, and tooling.*

Appropriate needles and bobbins are available in the consumables section of our store front. Both are sold individually for ease and convenience.

Members are responsible for bringing their own thread, specialty needles/feet, and fabric.

- **Bobbin:** Juki #229-32909 metal bobbin
- **Thread:**
  - Must be in a Cone or Vicone to accommodate the high speed
  - Always use the same thread in the upper tension and in the bobbin
- **Fabric** Light to medium weight
- **Needle:**
  - Size Range for machine:
    - DBx1 #9 to #18 (Organ)
    - 134 #65 to #110 (Groz-Beckert)
  - Point Type: appropriate to fabric
  - Weight: appropriate to the thread and fabric
  - Eye: must be 40% larger than the thickness of the thread

## Vendors

- Wawak — Place to buy Needles and thread of every type, including heavy duty and embroidery
- The Thread Exchange - thread and needles
  - Needle buying Guide
  - Needle and thread Guide
  - Bobbin Guide

## Checking Needle Size

1. Grab a needle and about 12 inches of the intended thread
2. Thread the needle
3. Hold both ends of the thread, creating a 60 degree slope with one end to see if the needle is able to slide along the slope
4. Reverse the process to see if the needle slides back

If the needle does not freely slide down the thread, the size may be too small. As a general rule, you'll want the smallest size needle that will slide freely down the thread.

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