

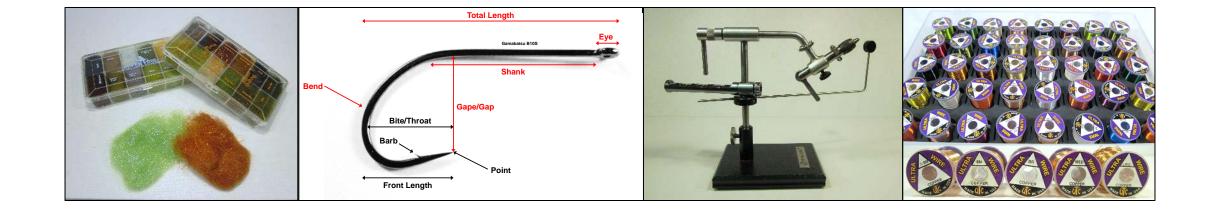


Agenda



- Why Tie Flies?
- Types of Flies
- Hooks
- Vises
- Tools
- Materials
- Threads

- Adding Weight
- Glues & Epoxies
- Organization
- General Tips
- 2021 SVTU Fly Tying





Why Tie Flies?



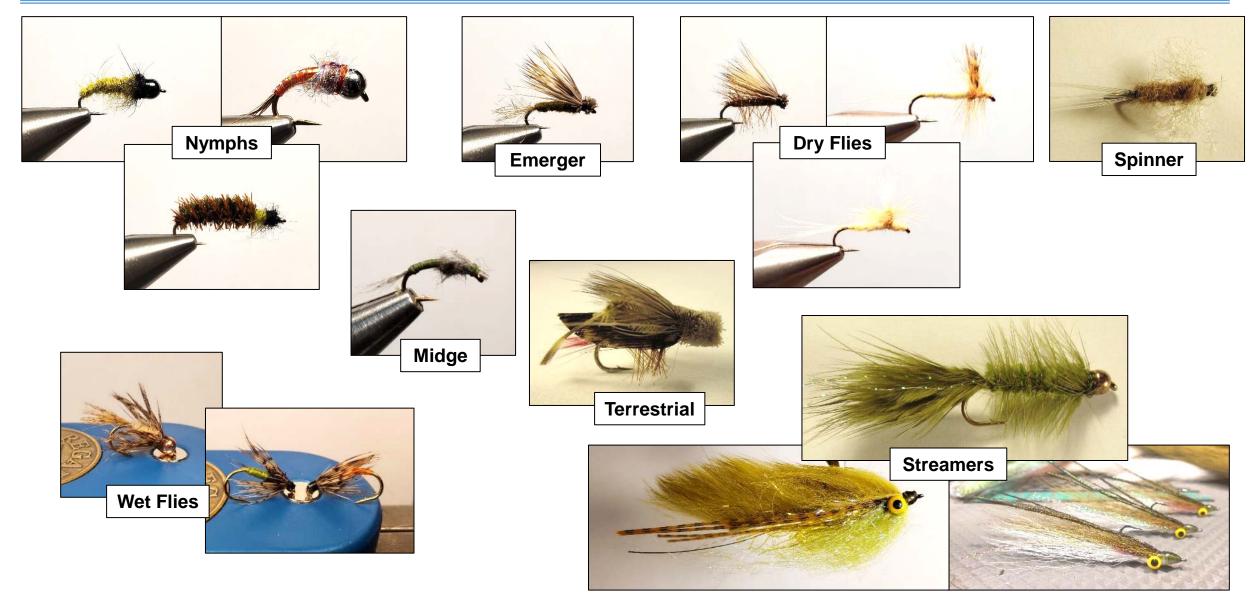
- Its fun!
- Sense of pride and accomplishment catching fish on a fly you tied yourself
- Be creative and develop your own custom fly patterns
- A great activity for the winter and "down" months to get ready for fishing season
- Fly tying is a great social activity get together for a beer and tie some flies!
- Increased dexterity and fine motor skills





Types of Flies

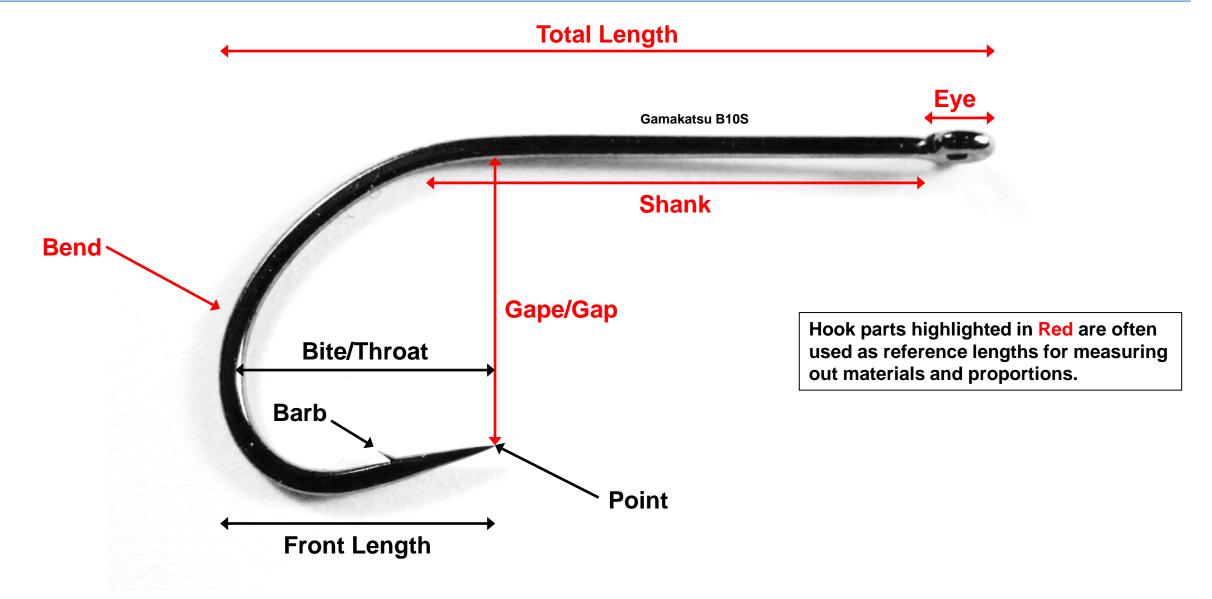






Anatomy of a Hook







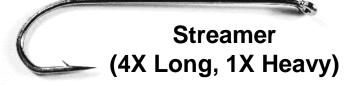
Types of Hooks

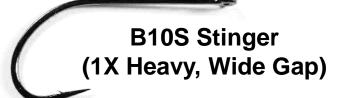


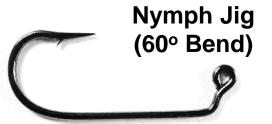












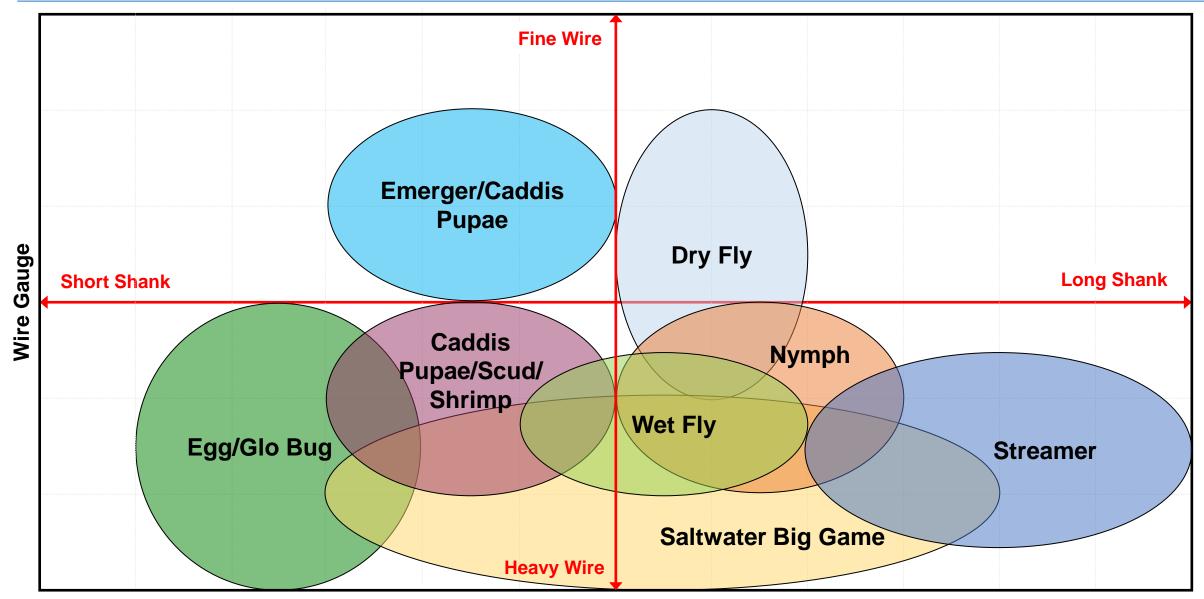
Caddis Pupa/Scud (2X Short, 2X Heavy, 2X Wide Gap)





Fly Tying Hook Proportions





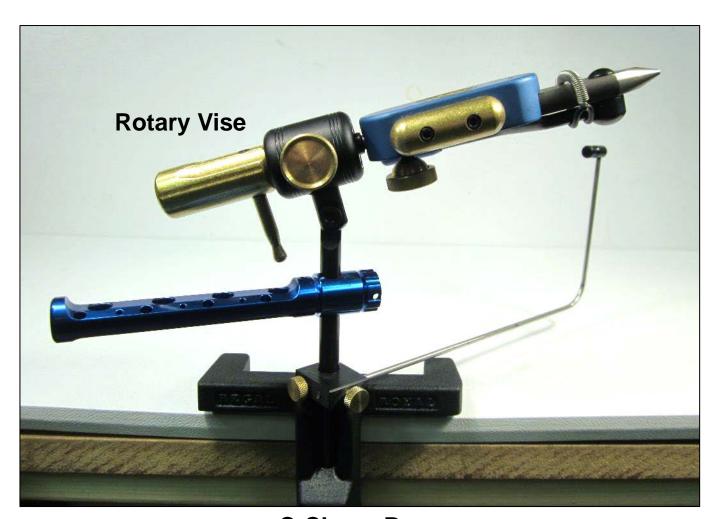


Fly Tying Vises





Pedestal Base

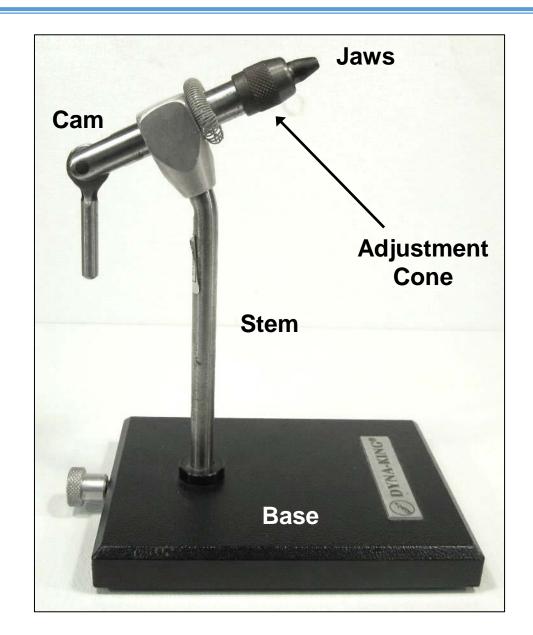


C-Clamp Base



Vise Components







Midge Jaws Hook Sizes 10 - 32



"Big Game" Jaws
Hook Sizes 8/0 - 24

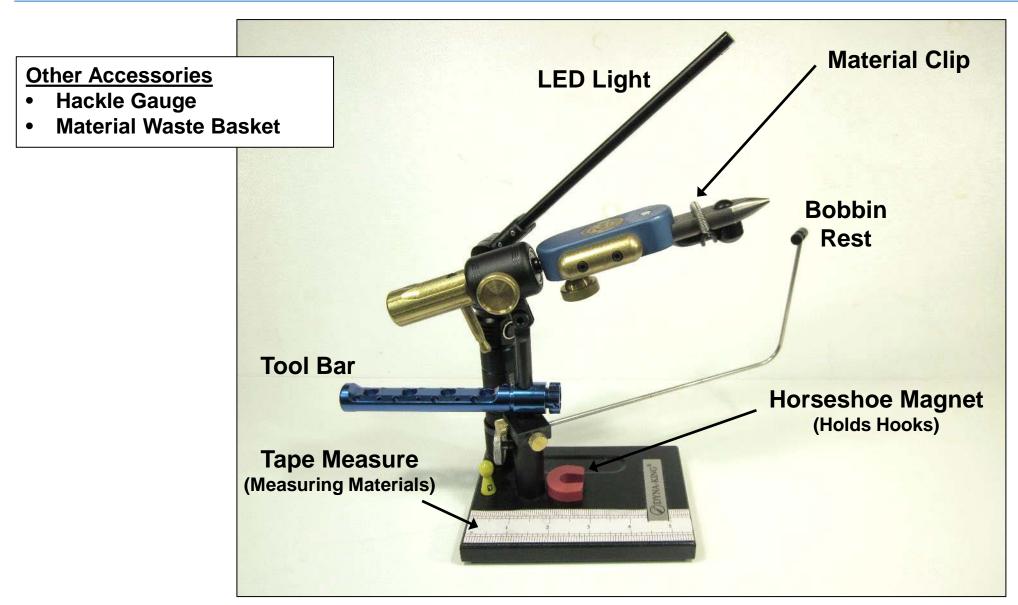


Standard Jaws
Hook Sizes 6 - 32



Vise Accessories

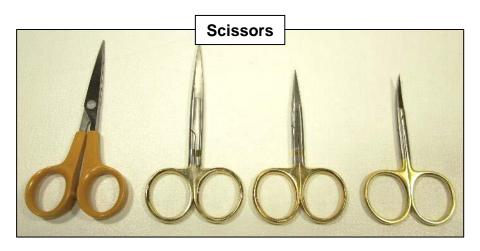


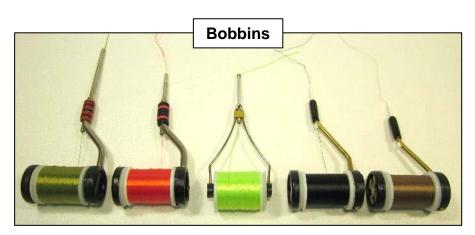




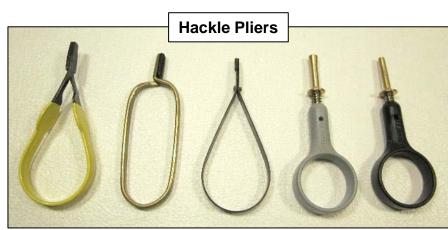
Fly Tying Tools

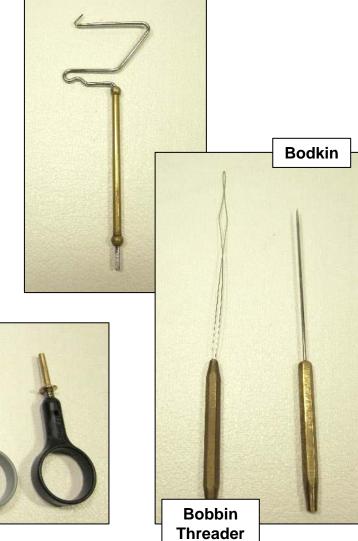












Whip Finisher



Other Useful Tools



- Bead Tweezers
- Bead Pad
- Tying Mat
- Side Cutters
- Needle Nose Pliers
- Dubbing Wax
- Dubbing Brush
- Dubbing Loop Spinner
- Dubbing Brush Spinner
- Combs
- Material Clips
- Material Prep Station

- Razor Blades
- Thread Splitter
- X-Acto Knife
- Sharpie Markers
- UV Flashlight
- Rotating Fly Dryer
- Small Bowl of Water
- Bic Lighter



Fly Tying Materials



- Feathers
- Hackles
- Hair & Fur
- **Dubbing**
- Chenille
- Flash
- Synthetic Fibers
- Ribbing & Spooled Materials





Feathers



- Variety of Uses
 - Nymphs, dries, wets & streamers
 - Tails
 - Bodies
 - Wings
- Dyed & Natural
- Source Birds
 - Chicken
 - Duck
 - Ostrich
 - Peacock
 - Pheasant
 - Turkey



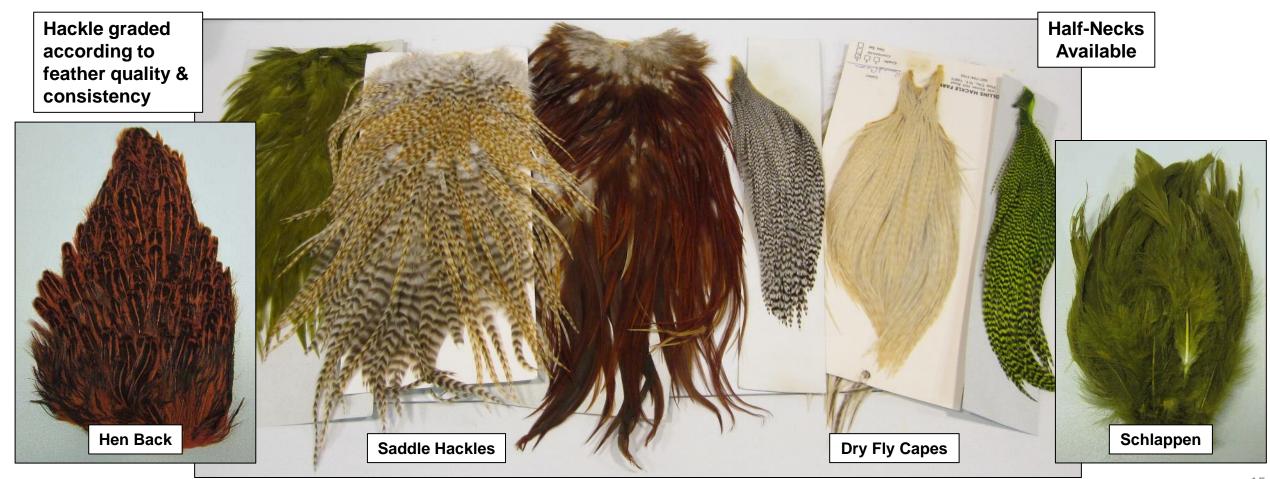
Home Materials 14



Hackle & Schlappen



Rooster Neck/Cape – Best suited for dry fly hackles **Saddle Hackle** – For buggers and streamer wings, high-quality rooster saddles can be used for dries **Hen Back** – Short webby feathers ideal for wet flies **Schlappen** – Long webby feathers ideal for palmering or wings on streamers





Hair & Fur



Natural animal hair and fur has a wide range of applications

- Deer, elk & moose hair is hollow and provides bouncy for dry fly wings
- Wool & fleece often used for streamer heads and wings
- Rabbit fur strips provides great action in the water when used for streamers





Dubbing



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Tons of dubbing options

- Mainly used for building bodies of flies
- Natural vs. Synthetic
 - Blends are also available
- Coarse vs. Fine
- Tons of color options
- Sold in individual packets
- Dubbing boxes offer great value with 12 colors



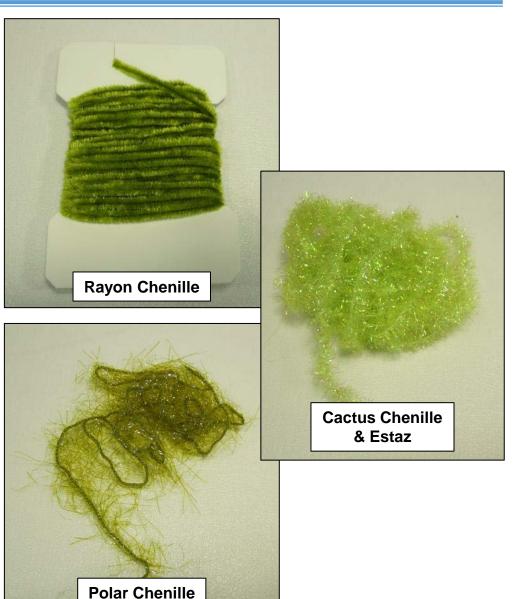


Chenille



Wide variety of chenille options

- Mainly used for building bodies of streamers
- Synthetic materials bound to rope/core
- Comes either on card or loose in package
- Fiber length ranges from < 1 mm to > 1 in.
- Great for Wooly Buggers, San Juan Worms, baitfish streamer bodies, and leech patterns

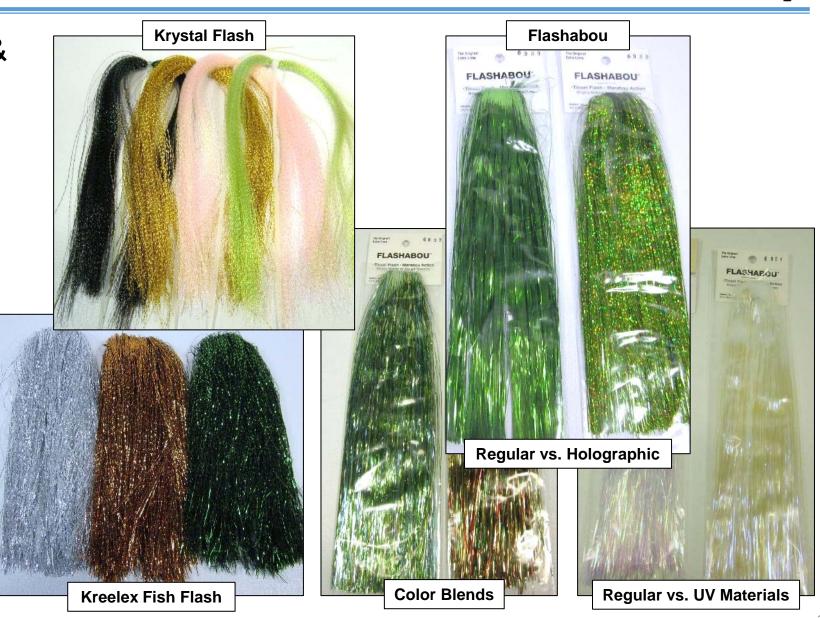




Flash



- Great for adding sparkle & flash to buggers, streamers, and even nymphs!
- Tons of material options
 - Colors & Color Blends
 - Width/Thickness
 - Stiff vs. Limp
 - Visual Effects
 - Holographic & Mirage
 - Barring & Speckled
 - UV & Glow in the Dark
 - Textures
 - Flat
 - Crinkled





Synthetic Fibers



- Designed to be used in place of natural materials like bucktail and wool
- Mainly used for building bodies, heads, and wings on streamers
- Synthetic fibers do not absorb moisture and shed water on your backcast
- Synthetic fibers can create the impression of bulk with less weigh than natural materials





Ribbing & Spooled Materials



- Typically offered in different sizes/diameters
- Wire ribbing used to create segmented bodies and add durability to flies
- Floss used for building colored bodies
- Tinsel used to add flash or holographic effects
- Vinyl ribbing used to create segmented bodies
- Specialty materials can replace dubbing and other traditional tying materials



Home Materials



Fly Tying Thread



Thread Size Designations

- *Denier Standard sizes range from 50 to 240 denier
- Aught Standard sizes range from 3/0 to 12/0
- Colors
 - Standard Colors: Black, Tan, Olive, Gray, Red, White**
 - Available color variety can be dependent on thread material type
- Materials Tradeoffs with different materials
 - Polyester
 - Nylon
 - Mono
 - Kevlar
 - Silk
 - GSP

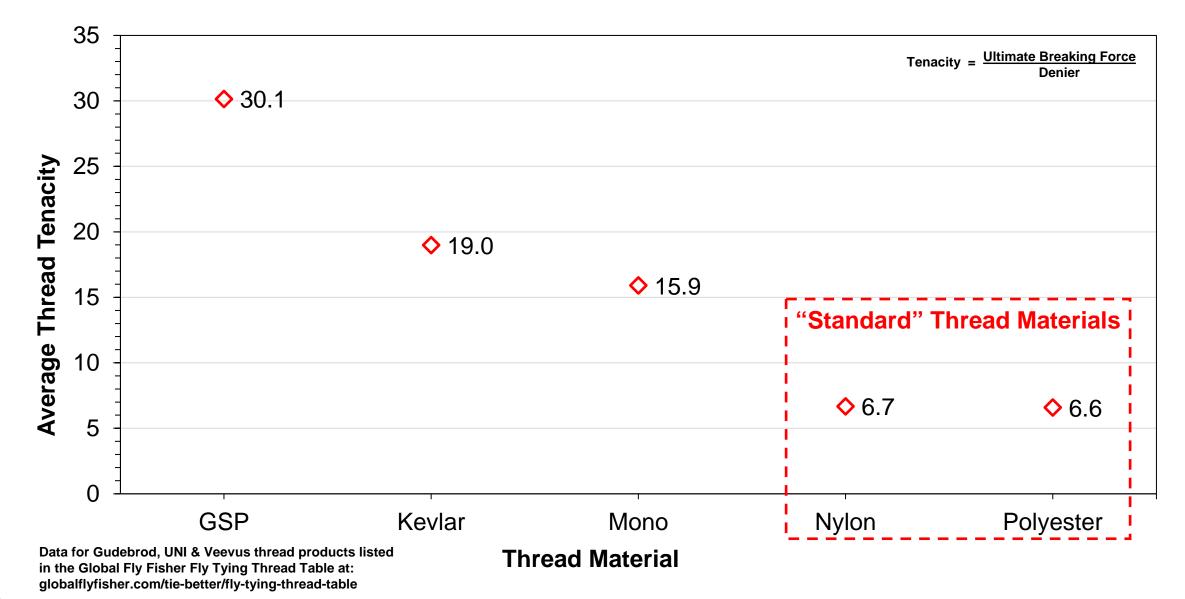
Aught	Approximate
Size	Denier
1/0	600D
3/0	180D
6/0	100D
8/0	70D
10/0	60D
12/0	50D
14/0	40D
16/0	35D
18/0	30D





Thread Material vs. Breaking Strength

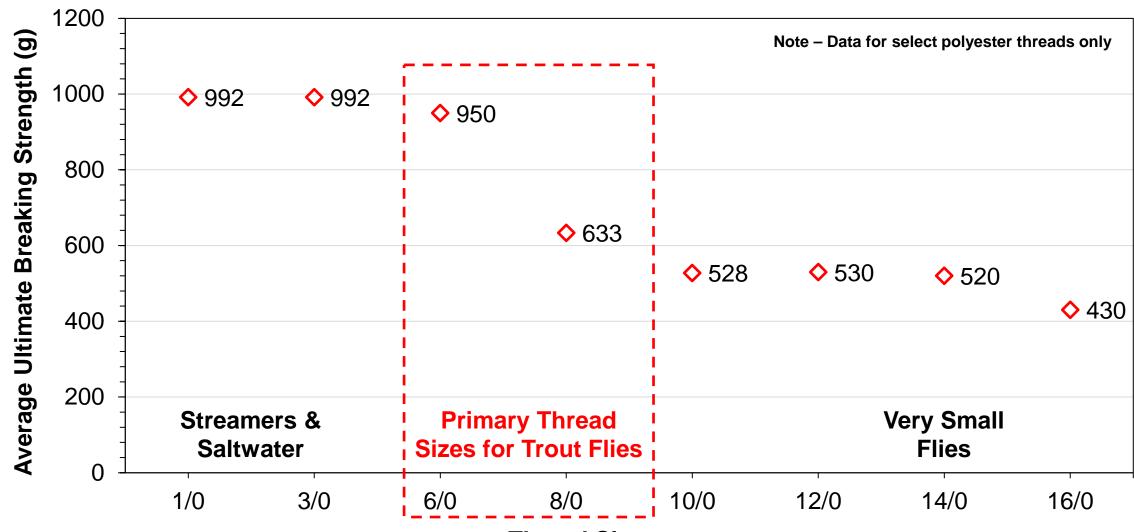






Thread Size vs. Breaking Strength







Adding Weight to Flies







Dumbbell

Barbell

Hourglass

Aluminum Sea Eyes

Bead Chain

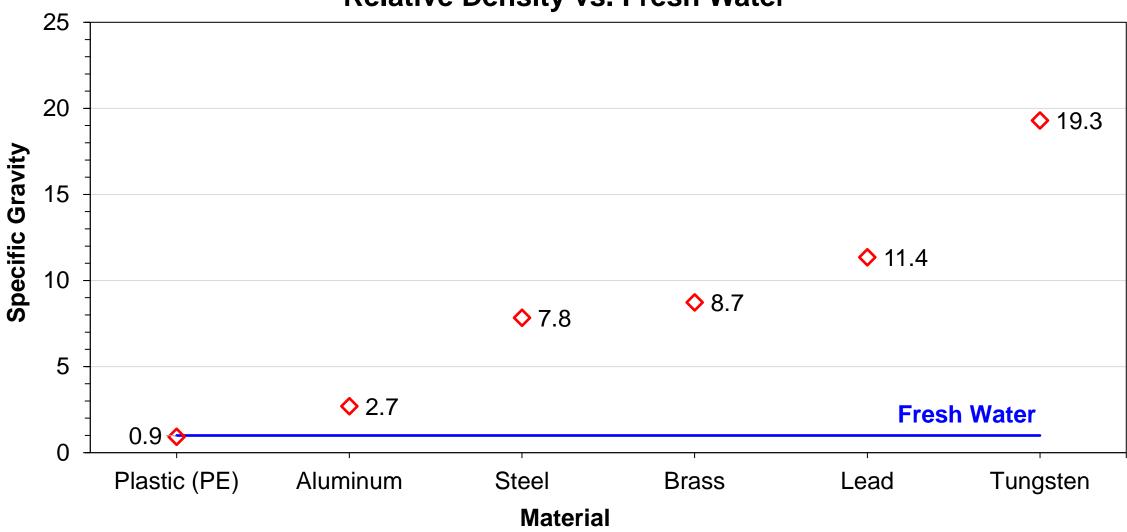
Googly



Fly Weighting Materials









Glues & Epoxies



- Common head cement materials include nail polish, varnish & 5 minute epoxy
- Newer materials include UV epoxies and environmentally friendly head cements
- Color pigments, glitter/sparkle & UV additives can be added to epoxies





Organizing Materials



- Everyone organizes their materials differently
- Try different storage options to find what works best for you
- Watch YouTube videos or read artciles online



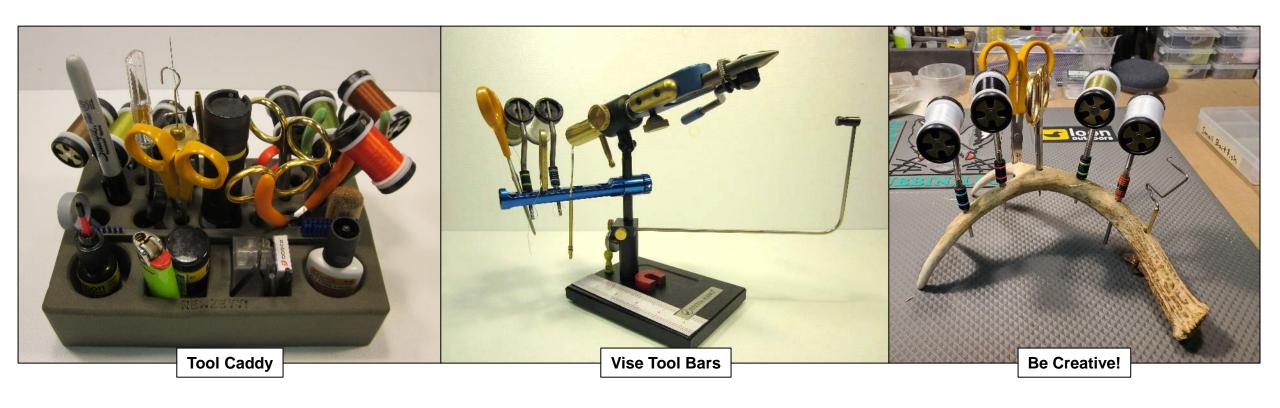




Organizing Tools



- Many great tool organization options available
 - Tool Caddies
 - Vise-mounted tool bars
 - Custom wood and desktop tool organizers





Thread, Wire & Spools



- Spooled materials accumulate quickly
- Plastic storage boxes with dividers are a great option for neat storage
- Spool racks keep often used materials quickly accessible









Beads, Hooks & Flies



- Hook & bead organizer boxes offer tight seals and rounded corners for easy and secure access
- Plastic storage boxes with dividers are a great to store flies waiting for their turn to hit the water







General Tying Tips



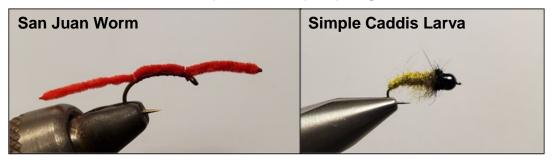
- Fly tying books and YouTube/instructional videos are an incredible resource
- A quality vise (doesn't need to be expensive) is the most important tool
- Always wrap your thread in the same direction. Pick a direction and stick to it!
 - Typical method is clockwise (when viewed from front) for RH tyer, counter-clockwise for LH
- Tying 6+ flies of the same recipe at a sitting will help to develop consistency
- Don't crowd the hook eye
- Less is typically more when it comes to dubbing
- Never use your good tying scissors to cut wire or other hard materials
- Look for materials that can be used to tie many different patterns
- Check out fly shop "bargain bins" and fly tying trade shows for deals on materials
- Look for fly tying tools and materials from household products to save money



2021 SVTU Fly Tying Classes



February 1st – Fly Tying 101



February 15th – Soft Hackle Wet Flies



March 1st – Nymphs



March 15th – Streamers



March 29th – Midges



April 19th – Dry Flies

