



# IAP Library Menu of Tutorials

**Last Update: 7-17-2025**

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<https://www.penturners.org/resources/ricks-custom-made-tools-catalog.529/>

International Association of Penturners

## Downloading Tutorials

Click a Category Tab to View Tutorials

Select one to go to its Download page

Click the Tutorial image or  Download

[Search All Current Library Resources](#)

[View Latest Additions – Last 6 Months](#)

## CATEGORIES

Click Menu Tabs to reveal or hide

[Forum Help \(Addition 7-17-2025\)](#)

**Forum Help Category ->**

- **A Downloadable IAP Library Menu of Tutorials as a PDF file - Revised: 7-17-2025**
- A Conversation used for Personal Notes
- Active Forums of IAP - **Current**
- Adding a Prefix Icon to the Thread Titles
- BB Codes usage on IAP - Icon Explanation
- BB Codes - Explained
- Color Codes for Posting
- Create and Submit Tutorials
- Downloading Tutorials
- Group Buy Guidelines
- How to Create a Standard, Bash, or Test Poll with or without Images and Attach it to a Thread.
- **IAP Site Usage FAQ**
- Logos and Usage Guidelines - IAP
- Maximum File Sizes Allowed on IAP for Attachments
- Quickly Zoom a Web Page - Enlarging Fonts.
- Smilies supported by Forum
- View PDF files in Browser
- Welcome Quick Start Reference
- Writing a Tutorial

## 3D Print Files (Added 9-19-2023)

[View All 3D Files ->](#)

## Blanks (Addition 4-18-2024)

[Blanks Category ->](#)

- [12 Tips for Making Deer Antler Pens](#)
- [A New Twist in Pen making](#)
- [Acrylic Revolution](#)
- [Antler on Pens, Using deer antler to make pens](#)
- [Bingo Chip Laminate](#)
- [Coachwhipped Pen Blank](#)
- [Compressed Fiber Blanks](#)
- [Corn Cob Pen Blank](#)
- [Creating a Copper Wire and Silver Solder Pen](#)
- [Decal Pen Blanks](#)
- [Decal Pen Blank - Water Slide application](#)
- [Denim, How To Glue to a Tube Denim, How To Glue to a Tube](#)
- [Feather Blanks and Casting](#)
- [Hexagonal Pen Barrel Blank](#)
- [Incorporating Decorative Guitar Purfling into a Pen Blank](#)
- [Inlace: Love It or Hate It](#)
- [Laser Leftovers Blanks](#)
- [Leather Cigar Pen](#)
- [Optical Illusion Blank](#)
- [Postage Stamp Pen Blank](#)
- [Red Fir Bark Pen Blanks](#)
- [Steampunk Foil Pen Blank](#)
- [Steampunk Pen Blanks and Casting](#)
- [Steampunk – Wolf Pens Way](#)
- [Thread Wrapping Blanks - Part 1](#)
- [Thread Wrapping Blanks - Part 2](#)
- [Turks Head Knot Blank - New: 4-18-2024](#)
- [Working with Tru-Stone](#)

## Bushing, Tube & Apps. (Revision 10-9-2024)

[Bushing, Tube & Apps. Category ->](#)

- [New Revised Android Bushing and Tube App. Version 2.0 - Major Revision: 7-15-2023](#)  
Requires Uninstalling the Old Beta Version 1.0, then Repurchase the New V1.0 or 2.0 Major
- [Android Bushing and Tube App Instructions are coming soon.](#)
- [Apple Bushing and Tube App. - Major Revision: 6-25-2023](#)
- [Apple Bushing and Tube App Instructions - Revised: 6-25-2023](#)
- [Newest - 37 Suppliers Combined Chart - Added: 7-2-2023](#)

- [Arizona Silhouette](#) - Revised: 7-2-2023
- [Beaufort Ink](#) - Revised: 4-3-2024
- [Bear Tooth Woods](#) - Revised: 7-2-2023
- [Berea Hardwoods](#) - Revised: 7-2-2023
- [Classic Nib](#) - Revised: 7-2-2023
- [Craft Supplies USA](#) - Revised: 7-2-2023
- [Crooked Mill](#) - Revised: 7-2-2023
- [Exotic Blanks](#) - Revised: 7-2-2023
- [Gary Pye](#) - Revised: 7-2-2023
- [Houtdraaiwerken](#) - Revised: 7-4-2023
- [Hut Products](#) - Revised: 7-2-2023
- [Kallenshaan](#) - Revised: 7-2-2023
- [Lasertinez \*\*\(Discontinued\)\*\*](#) - Revised: 7-9-2023
- [Lee Valley](#) - Revised: 7-2-2023
- [Little River Crafts \*\*\(Discontinued\)\*\*](#) - Revised: 7-9-2023
- [McKenzie](#) - New: 4-2-2024
- [Packard Woodworks](#) - Revised: 7-2-2023
- [Peachtree](#) - Revised: 7-2-2023
- [Penn State](#) - Revised: 7-2-2023
- [Prokraft](#) - New: 7-2-2023
- [R and B](#) - Revised: 7-2-2023
- [Rizheng](#) - Added: 10-5-2022
- [Rockler](#) - Revised: 7-2-2023
- [Smittys \*\*\(Discontinued\)\*\*](#) - Revised: 7-2-2023
- [Taylors Mirfield](#) - Revised: 7-2-2023
- [Timber Bits](#) - Revised: 7-2-2023
- [Timber Turners](#) - Revised: 7-2-2023
- [Turners Warehouse](#) - Revised: 7-2-2023
- [William Wood Write](#) - Revised: 7-2-2023
- [Wood N Whimsies](#) - Revised: 7-2-2023
- [Wood Pen Pro](#) - New: 7-2-2023
- [Wood Turning Store](#) - Revised: 7-2-2023
- [Wood World Of Texas](#) - Revised: 7-2-2023
- [Woodblanks and Penkits](#) - Added: 7-2-2023
- [Woodcraft](#) - Revised: 7-2-2023
- [Woodpeckers \*\*\(Discontinued\)\*\*](#) - Revised: 7-2-2023
- [Woodsmith](#) - Revised: 7-2-2023
- [Woodturningz](#) - Revised: 7-2-2023
- [BLANK EXCEL Forms for your Collection of Pen Kits Bushings and Tubes](#) - Revised: 7-2-2023

### **(Supplier Bushing Resources)**

- [Bushings Homemade](#)
- [Beaufort Ink Bushing Dimensions](#)
- [Berea Bushing Dimensions](#)
- [Penn State Industries Bushing Dimensions](#)
- [Penn State Industries Tube Dimensions](#) - Dated: 2015

### **(Additional Pen Kit Suppliers Resources)**

- Pen Kit Suppliers - World Wide - Revised: 10-9-2024
- Which kind of kits do IAP members prefer to turn? (PDF File) - Added: 11-10-2022
- Which kind of kits do IAP members prefer to turn? (Poll) - Revised: 4-2-2022
- Which Pen Suppliers do you Purchase from? (PDF File) - Revised: 10-9-2024
- Which Pen Suppliers do you Purchase from? (Poll) - Revised: 10-9-2024

## Casting (Revision 8-30-2023)

### Casting Category ->

- Casting Braided Cable
- Casting Braided Pen Blanks - Revised 8-30-2023
- Casting Bubble Free
- Casting Burlap Blanks
- Casting Carbon Fiber
- Casting Feather Blanks
- Casting Introduction
- Casting Pen Blank Ideas
- Casting Poly Resin
- Casting Polyester Resin
- Casting Resin Blanks
- Label Casting
- Making Jewel Beetle Wing & Abalone Shell Blanks
- Polyester Resin Mixing
- Polyester Resin Ribbon
- Preparing Parts for Embedding in Polyester Resin
- Pressure Pot 1
- Pressure Pot 2
- Pressure Pot 3
- Pressure Pot 4
- Silicone Mold Making
- Simple and Easy Mold Making
- Snake Skin Blank Making
- Vacuum System Diagram
- Worthless Wood Blanks

## Finishing

### Finishing Category ->

- Blackening Brass Tubes for Pens
- CA My Way
- CA Finish for Pens ... One man's opinion
- CA Glue and Boiled Linseed Oil Finishing
- Ebonizing Wood
- How to Anodize at Home
- Lacquer Dipping
- Minwax Finish
- Painting the inside of pen blanks
- Pen Finish Dipping Method

- Powder Coating Guide
- Powder Coating Small Scale
- Stabilizing Wood with Polyurethane Using Vacuum

## Fountain & Kitless (Addition 8-27-2023)

### Fountain & Kitless Category ->

- A Beaufort Ink Introduction to Custom Pen Making (August 2020) - Revised: 6-6-2022
- A Simple Silver, Opal and PR Pen - Added: 8-27-2023
- Another Way of Making a Pen
- Bulb Filler Fountain Pen
- Closed End Pen
- Closed End (Plugged) Pen on a Regular Mandrel
- Closed End Pen on a Regular Mandrel
- Creating Custom Art Pens
- Double Closed End Concept Pen
- FP - Fountain Pen Nib Replacement
- FP - Fountain Pen Section
- FP - How to fill your fountain pen
- FP - Making Male & Female Threading
- FP - Upgrading a Nib on a Component Fountain Pen - Offsite
- FP 1 - Adjusting Ink Flow on a Nib
- FP 2 - Prepping a New Nib
- FP 3 - Selecting a Fountain Pen
- FP 4 - Your Reservoir: Is it Really Full or Only Partly
- FP 5 - Nib adjustment - Practice, Practice
- FP 6 - Nib Replacement
- Glossary of Fountain Pen Terminology
- Illusion Pen
- Kitless Click Pen
- Kitless Fountain Pen
- Realistic Cigar V1
- Realistic Cigar V2 (Improved)
- Regency Pen Kit
- Tap and Die Selection for Kitless Pen Making
- Turning Between Centers
- Wood Through & Through
- Wooden Rollerball Pen
- Wooden Sierra Pen
- Wooden Slim Pen

## Material

### Materials Category ->

- Alternative Materials for Pens
- Cutting Bowling Balls on a Bandsaw
- Materials Chart - PDF & Word Doc

## Other Projects

### Other Projects Category ->

- [Bangle Bracelets - Turning Wooden](#)
- [Bangle Making - Offsite](#)
- [Barrel Hinge Boxes](#)
- [Barrel Hinge Boxes 2](#)
- [Billiard Ball Clock](#)
- [Boxes for Pen Display](#)
- [Corian Bracelet](#)
- [Corian Pen Holder](#)
- [Cutting Board Tutorial](#)
- [Finishing PR Bracelets](#)
- [Fridge Magnets from Blank Cutoffs](#)
- [How to Make a Wooden Spatula](#)
- [Military Small Arms/Ammo Pen Box](#)
- [Pendant Designing Excel 8-Hole Design Tool v1.0](#)
- [Pendant Designing Excel 10-Hole Design Tool v1.0](#)
- [Pendant Designing Excel Spreadsheet V 4.0](#)
- [Pendant Designing Tutorial - Using Excel Design Tool - Richard Joyner Pendant Jig](#)
- [Pendant Necklace that you can make](#)
- [Pen Stand - Rotating](#)
- [Rear Closing Hobby Knife](#)
- [Rings for Weddings](#)
- [Rings from Coins](#)
- [Ring Suppliers](#)
- [Ring Supplier Information](#)
- [Shave and 2 Bits](#)
- [Wood grip for MAGLITE Flashlight](#)
- [Wooden Eggs](#)
- [Wooden Pen Stand](#)

## Pens (Addition 9-15-2023)

### Pens Category ->

- [50 Caliber Browning Machine Gun](#)
- [Aluminum Arrow Pen](#)
- [Aluminum Arrow Pen Stand](#)
- [Aluminum Cigar Pen](#)
- [Arrow Shaft Pens](#)
- [Bullet Casing Pens](#)
- [Bullet Pocket Pens](#)
- [Cartridge Angle-cut Pen](#)
- [Cartridge Pen](#)
- [Cartridge Pen - Streamlined](#)
- [Cartridge Pen with Sierra Transmission](#)
- [Cartridge Pens](#)

- Cigar Center Band Modification
- Golf Shaft Pen
- Nibless Slimline Pens
- Non-Retractable Cigar Ballpoint - **New: 9-15-2023**
- One Piece Cigar Pen
- One Piece Single Barrel Finial Twist Parker Pen
- One Piece Slimline Pen
- One Piece Slimline Pens
- One Piece Slimline Single Tube Pen
- Pendant Designing Excel Spreadsheet V 4.0
- Rifle Shell Pen
- Salute Pen
- Slimline Modifications
- Solid Body Euro Fountain Pen
- Variations on Customizing Pens

## Pencils

### Pencils Category ->

- Baseball Bat Pencil
- One Piece Slimline Pencil
- Pentel Pencil Conversion
- Pentel Pencil Without Step Drill
- Sierra Pen to Pencil Conversion
- Sketch Pencils

## Pen Turning 101 (Addition 10-24-2022)

### Penturning 101 Category ->

- Building On The Basics
- Choosing a Lathe
- Don Wards Pen Tutorials - Offsite
- Exotic Blanks Beginning Videos - Offsite
- Gabe Castro YouTube Videos- Offsite
- Getting Started in Penturning
- If I had known this earlier...
- Kurt Hertzog Articles - Offsite
- Members Preferred Kit Styles and Suppliers - **Added: 10-24-2022**
- Minimum Basics for Penturning
- Pen Makers Guild Articles - Offsite
- Penn State YouTube Videos - Offsite
- RJBWoodTurner YouTube Videos - Offsite
- Tooling Needed to Make Pens
- Wood N Whimsies YouTube Videos - Offsite
- Why Pen Turning?
- Zac Higgins YouTube Videos- Offsite

## Polymer Clay Revised: (12-1-2024)

### Polymer Clay Category ->

- Polymer Clay Solutions - Offsite - Garie Sim's Master 101
- Polymer Clay Tutorials - Offsite - Toni Street
- Polymer Clay Blanks
- Polymer Clay Blanks - End Trimming
- Polymer Clay Cane Making
- Polymer Clay Success - Offsite - The Blue Bottle Tree - Revised: 12-1-2024
- Polymer Clay Swirl Blanks
- Polymer Clay Tutorials - Offsite - PTownSubbie.com

## References (Addition 10-28-2023)

### References Category ->

- A List of Acronyms Used on the IAP forum
- Abrasive Comparisons Chart - Micromesh
- Abrasive Comparisons Chart - Released 2015
- Adhesive and Material Compatibility Chart
- Ball Point, Rollerball Refills and Fountain Pen Cartridges
- Beyond the Basic Pen
- Bullet Pen Anatomy
- Center Drill Dimensions
- Consignment Contract - DCBluesman
- Conversions - Fractional, Decimal, letter, wire, and millimeter
- Conversions - Fractional, Decimal, Number & Letter Drill Sizes and Metric
- Conversions - MM Equivalents by Tenths, Fractions, Decimals
- Conversions - **(B/W)** MM Equivalents by Tenths, Fractions, Decimals, Number & Letter Drill Sizes - Prints as (2) 8.5 x 11 pages
- Conversions - **(Colors)** MM Equivalents by Tenths, Fractions, Decimals, Number & Letter Drill Sizes - Prints as (2) 8.5 x 11 pages
- Drill and Tap Sizing - Imperial and Metric
- Drill Sizes - Metric, Fractional, Wire, Letter
- Drill Sizes - Number, Letter, Fraction, Metric, Decimal
- ER32 Collet Grip Dimensions
- Hut Kit and Bushing Chart
- Making Your Pens Unique
- Metric and English - Drill and Tap Sizing Chart
- Pen Maker Specific Drill Bits and Alternatives
- Primer on Vending
- Ring Size International Conversion Chart
- Scotch Brite Refs.
- Tube-In Label and Laser Layouts
- Using a Digital Caliper Version 1 - Offsite
- Using a Digital Caliper Version 2 - Offsite
- Wood Lathe Morse Tapers - Added: 10-28-2023

### Segmenting Category ->

- Segmented Pen Images Only - No Comments
- Studies in Segmenting - Design Considerations - I
- Studies in Segmenting - Simple Brick Chevron - II
- Studies in Segmenting - Variable Brick Chevron - III
- Studies in Segmenting - Chevron Finials - IV
- Studies in Segmenting - Squares and Triangles - V
- Studies in Segmenting - Spectraply Cross - VI
- Studies in Segmenting - 360 Degree Chevron Wave - VII
- Studies in Segmenting - 360 Degree Chevron Spiral - VIII
- Studies In Segmenting - Arrow Shaft Chevron - IX
- Studies in Segmenting - Squares and Triangles II - X
- 30 Degree Herringbone
- 180 Degree Herringbone
- 360° Herringbone
- 360 Degree Herringbone
- 360 Degree Herringbone Veneered blank - Revised: 1-19-2025
- 45 Degree Inlay (Half Chevron)
- 6-Segment Knot Pen
- Aluminum Segmented Pen
- Celtic Knot
- Cube-Itz Pen Blank
- Curved Metal Segmenting
- Fish Scales Blank
- Ice Cream Cone Blank
- Irregularly Segmented Blank
- Laminated Pen Blank
- Litebrite Blank by Eagle
- Making a Segmented Pen
- Morning After Blank
- Polychromatic Segmented Pen
- Random Segmented Pen Blank
- Scalloped Segmented Pen Blank
- Segmented Illusion Pen
- Segmenting Material Sources
- Segmenting Pen Blanks - Triangles
- Segmenting Small Pieces
- Segmenting Offsets Calculations
- Slanted Brick Pattern Pen Blank
- Spider Segmented Pen Blank
- Staves with a Twist
- Swirling Segments

Techniques Category ->

- Adding Bands to Your Caps
- Adjusting Ink Tip Extension
- Applying Decals to Rifle Cartridges
- Captive Ring Pen Blank
- Challenge Pen
- Clip Finial Options Clip Finial Options
- Corian Freedom Pens
- Custom made Pen Clips
- Custom Cabochon Cap - Revised: 1-19-2025
- Custom Finials
- Dismantling a Jr. Emperor Clip
- Dragon Sceptre to Gent Tube Conversion
- Drilling Pen Blanks on the Lathe
- Fixing Mistakes
- Hidden Clip using a Dremel
- How to add Bands to Your Caps
- How to Skin Snake - Warning Graphic-
- Invisible Clips
- Invisible Clip for the Jr. Emperor
- Light Box Under \$50
- Logo Contest Design
- Making Pens with Inlays
- No Bushings Pen Turning
- Pen Photography
- Pen Photography - Concept and Practice
- Photoshop Tip 1 - Saving Images for Web
- Photoshop Tip 2 - Cropping
- Photoshop Tip 3 - Correcting White Balance
- Photoshop Tip 4 - Dynamic Range
- Photoshop Tip 5 - Fill Light
- Photoshop Tip 6 - Fixing Small Defects
- Photoshop Tip 7 - A Better Resize
- Photoshop Tip 8 - Sharpening
- Photoshop Tip 9 - Putting the Pieces Together
- Quick Tip for Seating Transmissions
- Real Bolt Action Pen
- Recessed Clips
- Removing a Tranny
- Replace Cap Ring
- Sanding & Polishing Basics
- Sierra to Executive Blank Conversion
- Table Top Photography - Offsite
- Thin Custom Finials
- Triple Start Threading
- Tube Length - Obtaining Perfect

- Using PowerPoint as a Design Tool for Kitless Pens
- Why are my Pens NOT Round?
- Why are my Pens NOT Round? (German)
- Window Casing Pens
- Wood Drying Methods

### Tips, Tools & Jigs (Addition 9-16-2023)

#### Tips, Tools & Jigs Category ->

- 4 Stage Buffing System
- Bandsaw Blank Segmenting Jig
- Benchtop Bandsaw Upgrades
- Blackhawk Sharpening Jig
- Blank Corner Jig
- Blank Cutoff Sled for Bandsaw
- Blank Cutoff Sled for Bandsaw - Offsite
- Blank Cutoff Sled for Tablesaw
- Blank Jig - Off Center Squaring
- Blank Rounding Jig for the Bandsaw
- Blank Squaring Jig for Disk Sander
- Blank Squaring on Belt/Disc Sander
- Brass Tubing Cutter
- Celtic Knot Jig
- Celtic Knot Slicing Jig Version 2
- Closed End Pen Repair Thingy
- Collet Chuck Usage
- Custom Disc Sander Blank Squaring Jig
- Dead Centers - Making and Using
- Disassembly Tool - Simple 7mm
- Dust Collector - Modifying a Harbor Freight DC
- Fume Free Casting Box
- Gisi Style Jig for Chevrons
- Gluing Corian to Make Thicker Blanks
- Incredible Threading Machine
- Is This Sharp?
- Lathe Bearing Replacing - Jet
- Lathe Belt Replacement - Powermatic PM2014
- Lathe Dust Collection
- Lathe Dust Collection for the Mini Lathe
- Lathe MagSteady
- Lathe Stand - Wood
- Microjig - Bandsaw Small Parts Cutting Sled
- Massive List of Mandrels used for Turning
- Pen Blank Corner Trimming Jig
- Pen Blank Cutting Jig
- Pen Mill - Sanding Sleeves
- Pen Mill Sharpening - Offsite
- Pen Wizard Index Template
- Pen Wizard Start-up Tips

- Photo Booth by John
- Pin Chuck using O-Ring
- Pinned Pen Jig
- PVC Pipe Vertical Casting Mold - **New: 9-16-2023**
- Ripping Thin Strips - Jig Sucks
- Table Saw Pen Sled
- Tap and Die Selection for Kitless Pen Making
- Tool Handles - Aluminum
- Tool Handles Interchangeable - Wooden
- Twist Drill Grinding Attachment
- Variable Speed Drive added to a Mini Metal Lathe
- Wire Clip Bending Jig
- Woodburner - Making
- Working with Brass and Aluminum on a Woodworking Lathe

### Uncategorized - Misc. Category (Addition 3-30-2022)

#### Uncategorized - Misc. Category ->

- **MEMORIAM Forum - Added: 3-30-2022**
- A Funny Thing Happened On The Way To The PITH
- Declaration of Independents
- Edgar's Famous Holiday Trail Mix
- Flat Rate Shipping 101
- PayPal Shipping
- Sandpaper "Notepads"
- Search Engine Optimization for Pen Makers
- Turning with a Mission
- Unveiling the Mystique – My Pen Makers Guild Experience

### Links - Member Instructional Sites (Addition 12-29-2023)

#### Links-Member Instructional Sites Category ->

- Chad Schimmel Pen Making Ideas and Tips - You Tube
- Exotic Blanks - Ed Brown - Tips and Tutorials - You Tube - **Added: 12-29-2023**
- Four Oaks DIY Tips and Tutorials - You Tube
- Gabe Castro Segmented Pens and Jigs - You Tube
- Mark Dreyer 10 Minute Videos - You Tube
- Richard Binder Fountain Pen Reference Pages
- RJB WoodTurner Pens, Tips and Tools - You Tube
- Zac Higgins Casting Ideas - YouTube

### Links - Member Web Sites (Addition 9-19-2023)

#### View and Add Member Web Sites ->

## Links - References (Addition 5-22-2023)

### Links-References Category ->

- Alumilite Casting Resources, Directions, tutorials, and articles for casting with Alumilite.
- Cactus Juice Stabilizing Resources, Directions, tutorials, and articles
- Compound Miter Saw Calculator
- Construction Calculators Online
- FAQ about TurnTex products and techniques
- Glossary of Woodworking Lathe terms
- Hobbit House Wood ID Site
- Law of Cosines Calculator
- North American Woods
- List of Woods WIKI - **New: 5-22-2023**
- Penturning Resources, Directions, tutorials, and articles
- The Wood Database
- What Tree is It?
- What Tree Is That?

## Links - Vendors (Revision: 7-17-2025)

### Links-Vendors Category ->

- Exotic Blanks (Ed Brown)
- Ohio Penworks (Michael Broberg)
- PTownSubbie (Fred & Tina)
- Rick Herrell Catalog - **Updated: 7-17-25**
- Turntex Cactus Juice (Mesquiteman)

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[Write a Tutorial and Share it.](#)

Wayne Racinowski

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