Vertex Roller Ball / Fountain Pen
PKFP50XX • PKFP51XX

REQUIRED ACCESSORIES:
• 7mm, Pen Mandrel
• 2 pc Bushing Set -#PKFP5000BU
• 10.5mm Drill Bit #PK105mm
• Barrel Trimmer #PKTRIM7
• Barrel Trimmer Sleeve #PKMAJRRTS (use smaller dia sleeve with 7mm trimmer)
• 2-part epoxy glue or insta-cure (cyano acrylate) glue
• Overall length: 5-5/8”

PREPARING THE BLANK:
• Cut 5/8” square blank to the length of the brass tube. (add 1/16” for squaring off).
• Drill a 10.5mm center hole lengthwise through the blank.
• Spread glue over the tube, insert into the blank with a twisting motion to spread the glue evenly inside.
• When the glue dries, use the trimmer sleeve over a 7mm barrel trimmer and insert inside the tube.
Trim the wood down to the brass tube

TURNING THE BLANK:
• Mount the bushing and blank onto the mandrel according to Diagram B.
• Turn the wood down, close to the size of the bushing. Sand the wood down to the bushing’s diameter
• Finish the wood with your choice of polish.

ASSEMBLY:
NOTE: Layout finished parts according to Diagram A.
• Press couplers, narrow end in first into each end of the barrel.
• Screw the end cap into either end of the barrel.

FOR ROLLER BALL:
• Drop the spring, wide end in first into the opening at the barrel.
• Remove the protective cap and drop the refill down in. Screw the tip over the refill.

FOR FOUNTAIN PEN:
• Affix the cartridge or ink pump onto the back end of the fountain nib. Screw in this assembly into the barrel

FINAL ASSEMBLY:
• Slide the magnetic pen cap over the front end. The magnet inside the cap will keep the pen closed together.
• The cap will “post” magnetically over the end cap.