



TIMBERBITS

HELPING YOU CREATE WITH WOOD

Lighthouse Pen Kit

Drill Bit: 9.5 mm

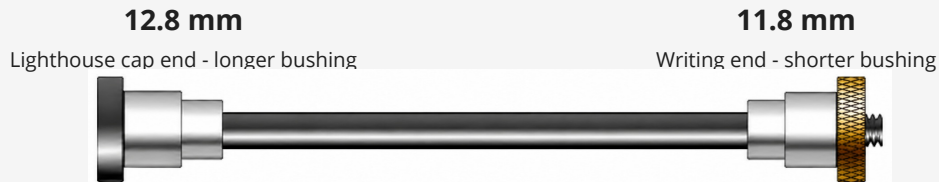
Bushings: Lighthouse (A0206)

Tube: 9.3 mm OD x 8.8 mm ID x 72.5 mm (A0301)

Refill: Lighthouse A0303 - small cross-style refill

Bushing Layout and Turning Diameters

Fit the A0206 bushings to the mandrel in the orientation shown before adding the prepared blank.



The longer 12.8 mm bushing is the lighthouse-cap end; the shorter 11.8 mm bushing is the writing end. After fitting the blank, turn, sand and finish each end to the adjacent bushing diameter.

Assembly

- 1. Cap end:** Slide the clip onto the cap coupler, then press the coupler into the **12.8 mm end** of the barrel.
- Insert the battery stack with the **positive (+) end facing the pointed nib**, then thread the lighthouse cap onto the cap coupler.
- 3. Writing end:** Press the front coupler into the **11.8 mm end** of the barrel. This may be done by hand.
- Thread the A0303 refill into the **pointed nib**, then thread the pointed nib onto the front coupler.
- Insert the **tip-holder assembly with the engraved ships** into the front coupler.

Important: When threading the lighthouse cap onto the pen, grip the cap by its metal body/base. Do not use the transparent lampshade as the part you twist.

Parts Identification



Cap coupler



Tube



Battery



Small cross-style refill



Pointed nib and
refill mechanism



Front coupler



Clip

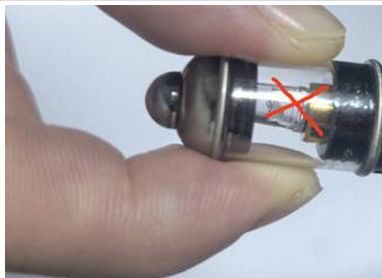


Tip-holder assembly with engraved ships
and light-control mechanism

Important Cap Handling and Operation

The transparent lighthouse lampshade is attached to the metal cap body. Using the lampshade as a grip while assembling or operating the pen can place twisting force on it and may cause it to loosen.

INCORRECT



Do not hold the transparent lampshade while threading the cap onto the pen.

CORRECT



Grip the whole cap at the metal body/base and thread it onto the cap coupler.

Operating the Lighthouse Light

INCORRECT



Do not hold or twist the transparent lampshade while operating the light.

CORRECT



Hold the finished barrel. Rotate the wider tip-holder assembly with the engraved ships - not the pointed nib.

1. Hold the finished barrel in one hand.
2. With the other hand, rotate the wider tip-holder assembly with the engraved ships clockwise to turn the light on.
3. Rotate the tip-holder assembly back to turn the light off.
4. Do not hold or twist the transparent lampshade while operating the light.

Writing: Rotate the pointed nib itself to extend or retract the refill.

Remember: The pointed nib controls the refill. The wider tip-holder assembly with the engraved ships controls the lighthouse light. Hold the finished barrel while operating the light.