

Parts of a Flexpert

A.



1.Zebra G Nib 2.Feed 3.Threaded Collar



Threaded Insert

The Nib and Feed are friction fit into the Threaded Collar and termed as the 'Threaded Insert'

B.



4.Outer Section



Threaded Insert



Zebra G Nib Unit

The Threaded Insert screws into the front portion of the Outer Section and together is now termed the 'Zebra G Nib Unit'

C.

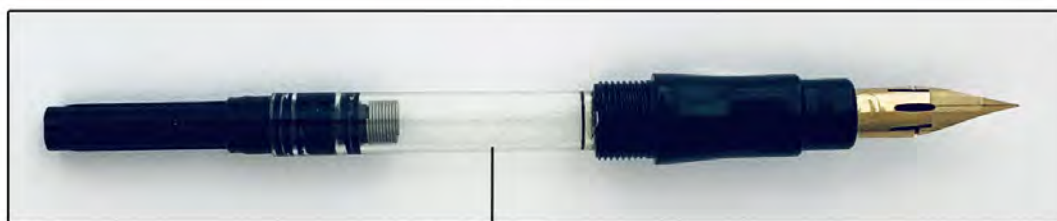


5.Ink Filler



Zebra G Nib Unit

The Ink Filler screws into the rear side of the Zebra G Nib Unit, this entire unit is called the FLEXPERT – Zebra G



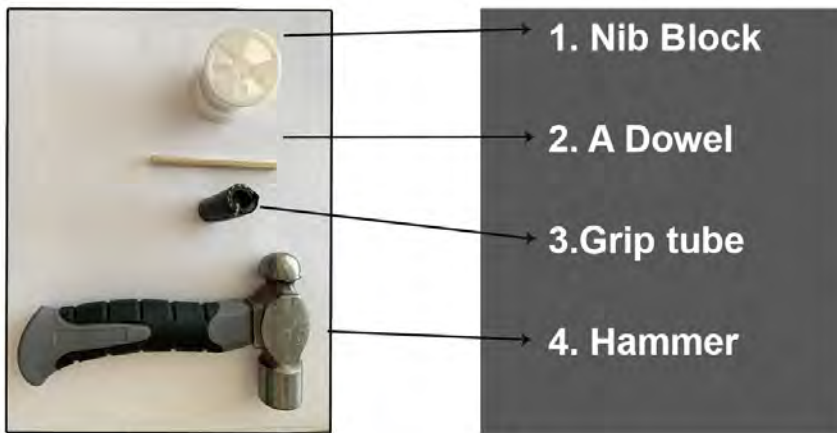
FLEXPERT – Zebra G

The Flexpert – Zebra G is made up of the following parts:

1. Zebra G (Titanium coated)Nib
2. Custom ebonite Feed
3. Threaded Collar

4. Outer Section
5. Ink Filler

Disassembly, Cleaning and Assembly of the Flexpert



Note: These steps are to be followed for the Flexpert- Zebra G nib unit ONLY and not for any of the other standard nib units fitted in Osprey fountain pens.

If you need to clean the nib and feed in a Flexpert, follow the instructions below on disassembling, cleaning and assembling the unit again, using the listed items.

Disassembly



Outer Section



Threaded Insert

Step 1: Unscrew the threaded insert from the front of Outer section.



Step 2: Place the nib block on a level rigid surface such as wooden work table.



Step 3: Invert threaded Insert facing down into the hole of the nib block.



Step 4: Place dowel on the rear of the threaded Insert. Take care that dowel is centered over the feed and is not touching the wall of the threaded insert.



Step 5: Gently tap on the dowel with a light hammer to loosen the nib and feed. This action should separate the nib and feed from the threaded collar



Step 6: The separated nib and feed will fall into the hole of the nib block. Lift the nib block to pick up the separated pieces. If the nib and feed are still stuck to each other, follow instructions for 'Cleaning' the nib and feed.

Cleaning the Nib and Feed:

Soak the feed and nib in a pen cleaning solution or a solution with some tap water and liquid dish-washing detergent, ideally an alkaline-based or grease-cutting version. If household ammonia is available, add a few drops, if not, just soap solution should be fine. Using an old toothbrush or cleaning brush with nylon bristles (no wire brushes please), scrub the feed of any residue until the channels (grooves on the feed) are free of any ink or pigment. Inspect the nib for signs of corrosion. If corroded, replace it with a new nib.

Assembly



Step 1: Place the cleaned or a new nib on the feed. Align the shoulders of nib with the 1st fissure of the feed.



Step 2: Holding the aligned nib/feed between your thumb and forefinger, insert into the threaded collar.



Step 3: Place the grip tube on top of the aligned nib/feed portion



Push hard till the back of the feed is level with the rear of the threaded collar.



Check to make sure you have not lost the alignment of the feed and nib as explained in step 1.



Step 4: Insert the assembled threaded insert into the front portion of the outer section, and turn clockwise to tighten.

Be sure to hold the threaded collar and not the nib/feed when tightening. Holding the nib/feed during this step could cause misalignment while threading into the outer section.



Step 5: Insert the Ink Filler into the rear side of the outer section and turn clock wise to tighten. This completes re-assembly of the Flexpert.

FILLING INK IN YOUR FLEXPERT

FLEXPERT – Zebra G



Converter

Method 1: Dip the Nib into a bottle and draw on the ink by turning the converter anticlockwise.



Note : This method will not fill the ink to capacity in the Filler unit, as some air gets drawn as you draw the ink.



You can try to expel some of the air by pointing the nib skywards and slowly turning the converter clockwise.



Repeat the action of drawing ink a second time. You will notice an air bubble or some capacity still unfilled. This is normal.

An alternate method to fill ink would be to use a pipette / eyedropper and fill ink directly into the Ink Filler by unscrewing the filler from the Zebra G Nib Unit. This method allows you to fill ink up to 95% capacity



Zebra G Nib Unit



Ink Filler Converter

Separate the Zebra G nib Unit from the Ink Filler.



Pipette/ Eye Dropper



Using the Pipette add ink into the filler and then thread the filler back into the Zebra G nib unit.

Usage

Breaking in the Zebra nib

Zebra nibs need time to break in. You may experience railroading in the beginning, but the nib usually settles down after use.

Care

Zebra G nib life can be extended by cleaning the nib after use.

The nib can be cleaned by following one of the two approaches:

1) Scrub both sides of the nib and tip with a dilute solution of water and dish soap using an old toothbrush.

2) Ultrasonic cleaning: Inexpensive ones may be obtained from Harbor Freight. Fill up the ultrasonic cleaner tank with water or recommended fluid, place nibs in a cup with a dilute solution of detergent (water with two or three drops of dish soap) and run the ultrasonic cleaner for 3 to 4 minutes.

Rinse the nib thoroughly after cleaning and dry using a rag/cloth that is free of lint. Lint or paper fibers can get caught in the nib tines and result in poor performance.

Using neutral inks having a PH of 7 (not acidic or alkaline) will prolong nib life.

It is important to note Zebra nibs will **rust (corrode) after use and have to be replaced.**

Suggested Inks

Use neutral inks (non-acidic / non-alkaline) such as Noodlers Black, Noodlers Heart of Darkness. We have tested extensively with these inks and work flawlessly.

DO NOT USE inks such as India inks, Acrylic inks, Pigmented inks or other Non-Fountain pen inks with the Flexpert. Non-Fountain pen inks contain ingredients such as shellac that clog or gum up the ink channels in the feed. A Flexpert with **clogged channels** will **not work**.

Types of Paper

Suggestions of papers for use with the Flexpert yielding good results:

- Rhodia dot pad – the dotted grid is great for drawing guidelines
- Clairefontaine
- Canson Marker A4 pad.
- Canson XL Series Marker Paper Pad.
- HP Printer **Paper**, Premium 32 – a great choice if you are looking to print some practice sheets and its also a great deal considering the price-quantity ratio!