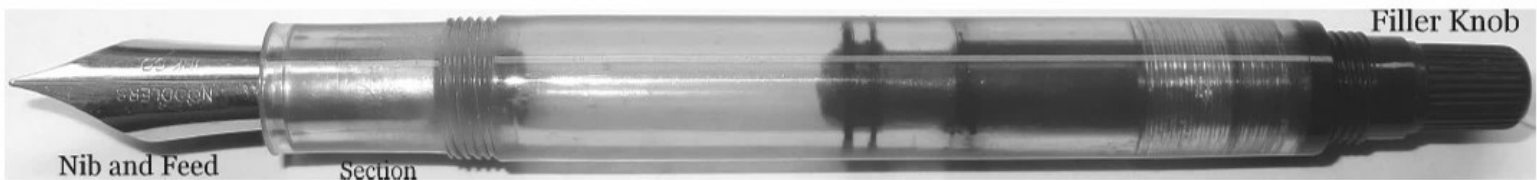


Set nib tip at 2 cm from section rim to avoid the inner cap end when cap is screwed on tight (nib slit end as shown below).



To fill: remove both cap and end cap, cover the nib and feed completely with ink and turn the filler knob counterclockwise until it stops and then clockwise until it stops, remove pen from ink and clean off excess with a paper towel. Occasionally fill/empty/rinse pen with 1/3rd ammonia and 2/3rd tap water to clean.



Rear Filler Unit -remove counterclockwise, replace clockwise

Not a single component of the Konrad pen is German made (being composed of natural ebonite and biodegradable plastics – with components from India, New York, Maryland, and Massachusetts). Yet, its design is extremely German – and is based upon the engineering that went into the state of the art of all German piston filling mechanisms from the postwar Adenauer period (an era when every German expected the utmost practicality and robustness of engineering in their pens). The feed and nib are original Noodler's designs and are friction fit to enable the maximum variety of nib installations, though one may note the clip is pure Adenauer era as is the rounded cap band. The nib is tipped with platinum group metals and is high grade stainless steel (Noodler's will not issue gold nibs until the current inflation has passed as the present price is viewed as unconscionable and impractical). We assume that we will not be here in 200 years, but would like to think that this design is so intuitive to maintain that there will never be a need for a repair department or its excessive fees. The biodegradable celluloid derivative this pen is made of has been in use since WW II and pens constructed of it have remained in good condition since that time (when well cared for). Clips and bands can be replaced by any jeweler worth their salt...and the seal is the same seal used for faucets and can be found at your local hardware store for between \$0.40 and \$1.35 (2012 est.). Why pay a premium for a non-biodegradable cold plastic pen when one can buy a warm to the hand celluloid derivative piston filling pen with a hand-made ebonite feed and a far more robust design for \$20 that can have seals restored whenever they might wear out for pennies instead of a \$35 repair fee (January 2012 quote by a major competitor with a similar pen)? Unlike plastic feeds, ebonite feeds can be heat set to fit a multitude of both modern and vintage nibs – and the advanced pen user can adjust flow in an ebonite feed to their personal preference (the flex nib on this pen can write with a standard line or a very wet artistic flow). If excessive air in the chamber expands due to the heat of your hand – it can be expelled by twisting the mechanism forward with nib point skyward...likewise additional ink can flood the feed fins if needed for extra wet flexing. Replacing the seals is as simple as unscrewing the filler counterclockwise (grip base threads and not the filler knob to do this!) and removing the old seals with a paperclip end...matching at the hardware store with a size that works (the design is forgiving of some slight variation) and replace by slipping the new o-rings into their groove. Use plumber's faucet lubricant (pure silicone grease) to lubricate the mechanism (fill the gap between the o-rings with the grease before installing) which can be obtained for approx. \$2 at the local hardware store. Unlike many modern pens, this pen is threaded throughout and can be disassembled and reassembled by the owner as needed – just as the pens of the Adenauer era could be... Seal replacement in this design is the most efficient of any we manufacture, and can be done in far less than a minute with practice! We believe the rational mind in the age of reason seeks the best in writing instruments in terms of: robust engineering, practicality, frugality, utility, and adaptability – yet "green" at the same time. Refill the pen a few times and it will save enough vs. disposable pens and cartridge filling pens to pay for itself...and note how shock resistant, UV light resistant, and durable the material is when compared to the glass like non-biodegradable "modern" plastic fountain pens. The pen is entirely yours – use it as you please in whatever way brings a smile! It's still a free country – isn't it?

