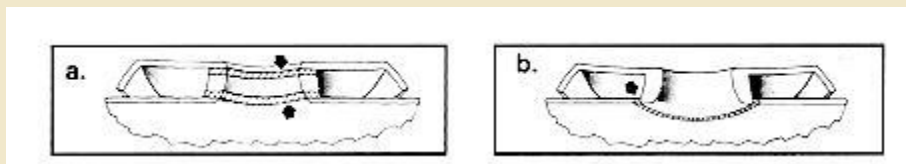




The Headjoint Specialist

Drelinger Headjoint Technology

What is the difference between a conventional headjoint design and Drelinger's patented **Optikut®?** The lip plate cross-sections shown here are a conventional modern headjoint (a) compared to Drelinger's patented Optikut headjoint (b). The arrows in the conventional cross-section show two solder joints connecting the three parts of the voicing structure. Compare this to the Drelinger cross-section which has no solder joints in the voicing structure. Its lip plate, chimney, and section containing the undercuts are one seamless piece.

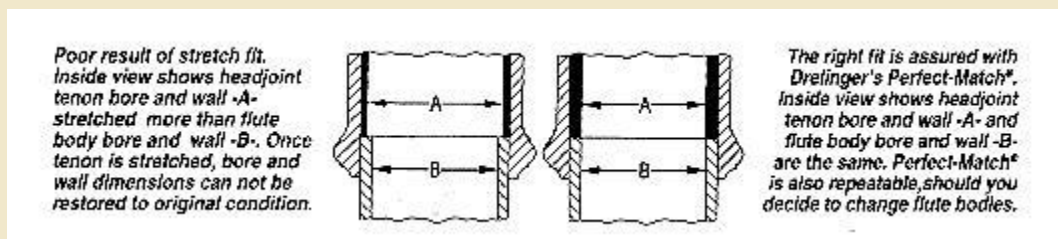


The overcuts and undercuts of the **Optikut®** are contoured in a continuous uninterrupted, solder-joint-free path, allowing the smoothest flow of air. The arrow shows the entire one-piece lip plate assembly soldered to the headjoint tube at a single acoustically non-critical point.

What is Drelinger's exclusive non-stretch fitting process named **Perfect-Match™?** Slightly loose headjoints are fitted using burnishers or other stretching tools. Often these tools are used to extremes, permanently enlarging and distorting the tenon's wall and bore. After this occurs, the headjoint may not play as well as it did.

Now this problem has been solved by Drelinger's proprietary **Perfect-Match™** technology.

Perfect-Match™ eliminates the need for bore and wall stretching by the use of turbo-spinning which adds metal to the outside of the headjoint tenon. **Perfect-Match™** is available exclusively with Drelinger **Optikut®** headjoints. There is no extra cost for fitting our headjoints to your flute body using **Perfect-Match™**.



When I purchase a Drelinger headjoint, do you need to have my flute in order to size it? No. With **Perfect-Match™** there is no need to have the customer's flute to provide a precisely fit Drelinger headjoint.

What is Drelinger's precious metal, **Karritium®?**



It is not generally known that the traditional precious metal alloys such as sterling silver and 14 karat rose gold used to make quality headjoints and flutes are the same as those originally created for the jewelry and metal crafts industries. Since these alloys were so readily available from foundries supplying jewelry makers, they have been traditionally used by headjoint and flute makers and have proven over the years, to provide excellent acoustical results. The characteristic timbre that these traditional precious metal alloys produce has provided flutists with a defined variety of quality choices which have evolved into the status-quo.

Some years ago I asked myself if a precious metal formulation could be developed based on acoustical merit, rather than ease of availability. I did a great deal of research and development, experimenting by combining various proportions of gold and silver with other metals in search of an acoustically superior combination that would provide a timbre of extraordinary variety. The

Drelinger proprietary formulation that evolved from this work came to be known as **Karritium®**. Unlike plated or fused topical applications of gold to silver, **Karritium®** is solid throughout. As you would expect, **Karritium®** is not easily produced, but we feel the results are worth the effort. **Karritium®** is, however, considerably less expensive than our gold headjoints and has found a devoted following who prefer it to all other precious metals. While **Karritium®** is ideal for some people, an equal number of our customers prefer traditional silver, gold and platinum. Happily, we offer all the choices.