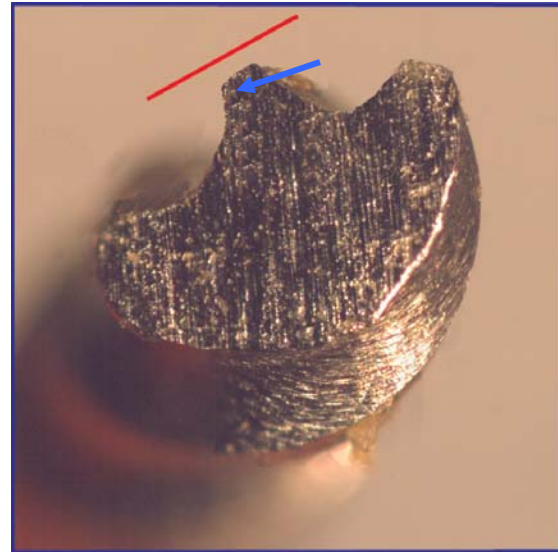
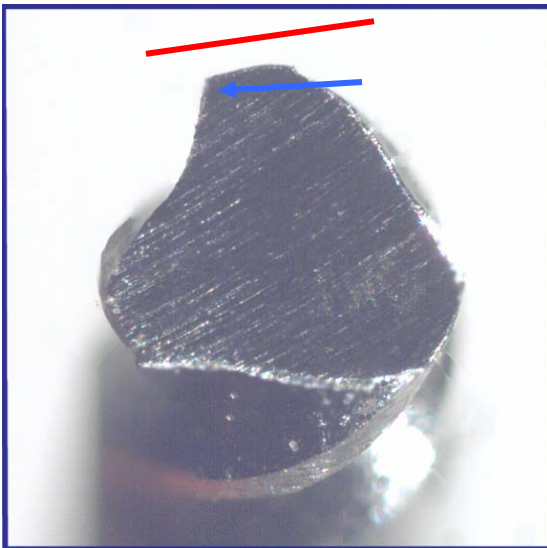
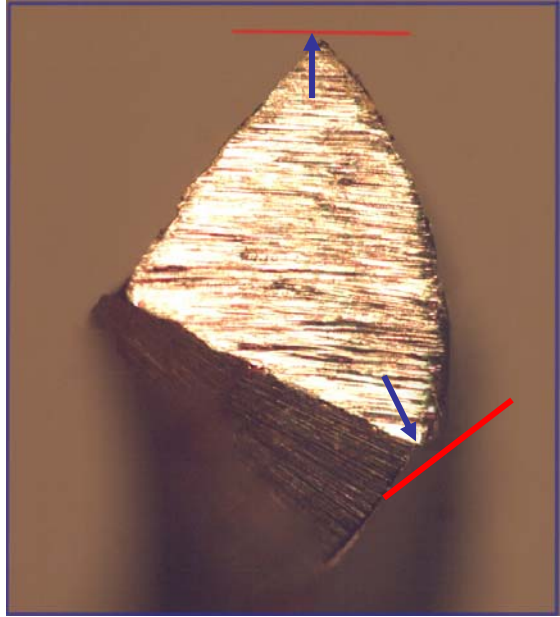
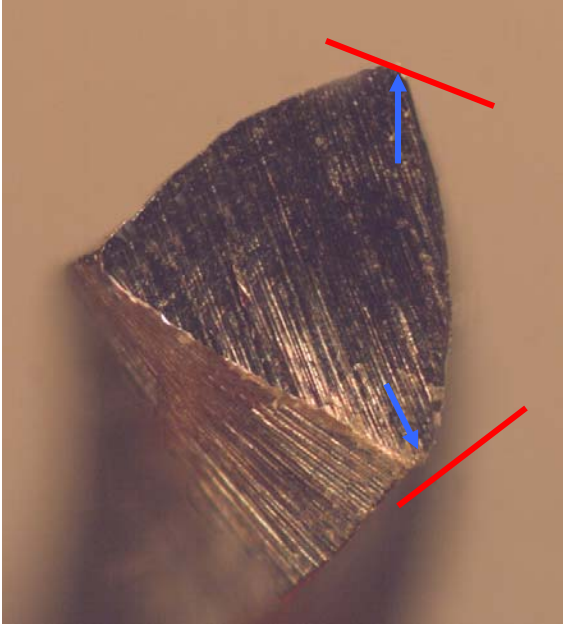


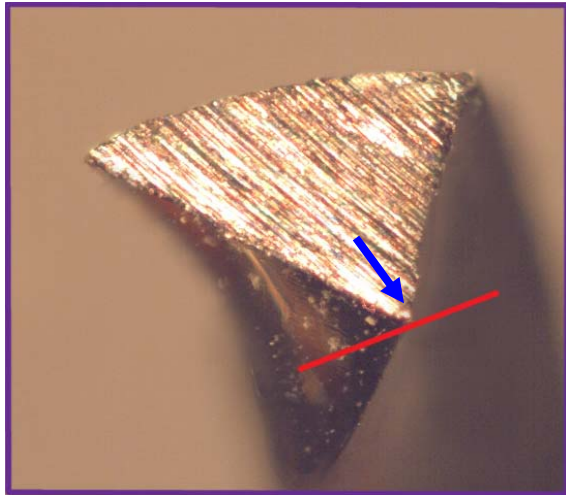
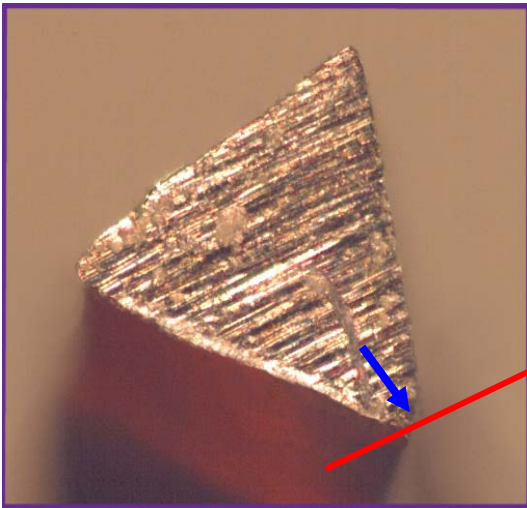
The ProFile GT is sectioned perpendicular to its long axis (left image) to illustrate the rake angle of the leading edge (blue arrow) in relation to the plane of the surface to be prepared (red line). When sectioned perpendicular to its leading edge (right image) the relationship of the cutting angle (blue arrow) and the surface to be prepared (red line) have the same relationship as in the perpendicular to the long axis section. This is because the ProFile GT has symmetrical flutes.



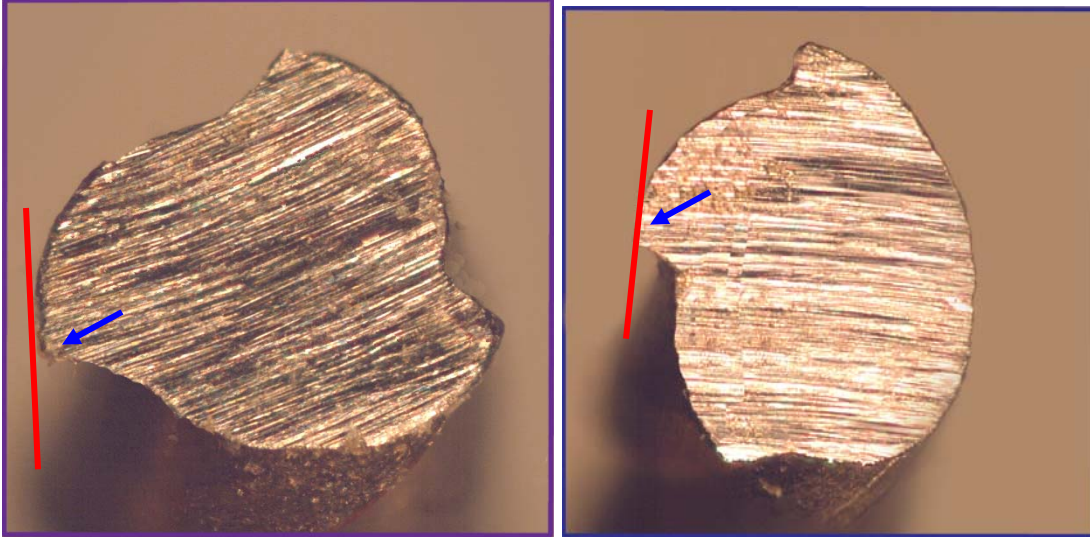
The ProFile's rake angle (blue arrow of left image) and its cutting angle (blue arrow of right image) have the same relationship to the surface to be prepared.



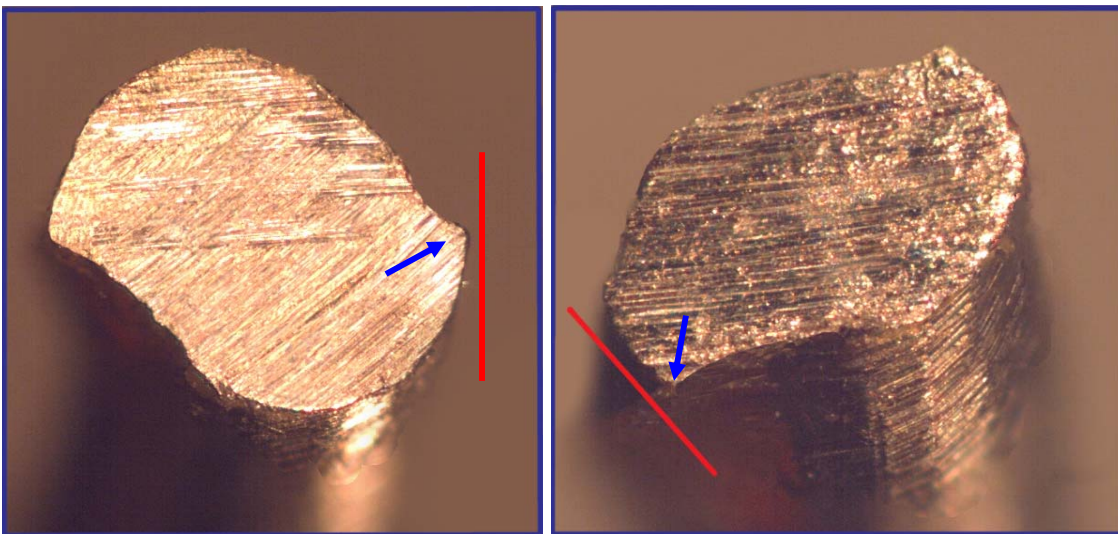
The ProTaper file rake angles (blue arrows of left image) and cutting angles (blue arrows of right image) have the same relationships to the surface to be prepared.



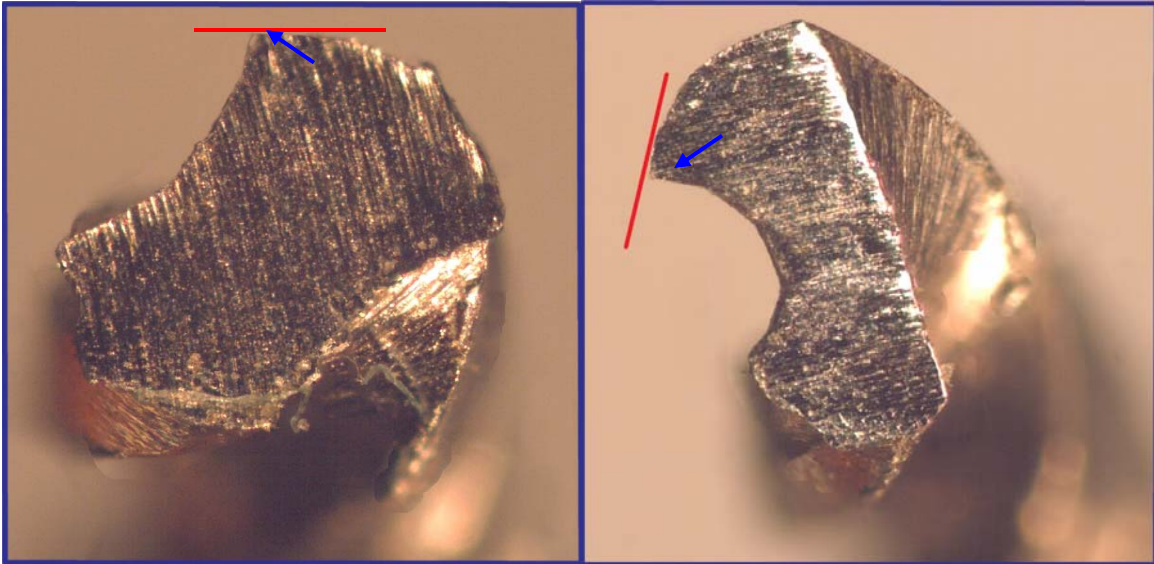
The RaCe file's rake angle (blue arrow of left image) and cutting angle (blue arrow of right image) have the same relationship to the surface to be prepared (red lines).



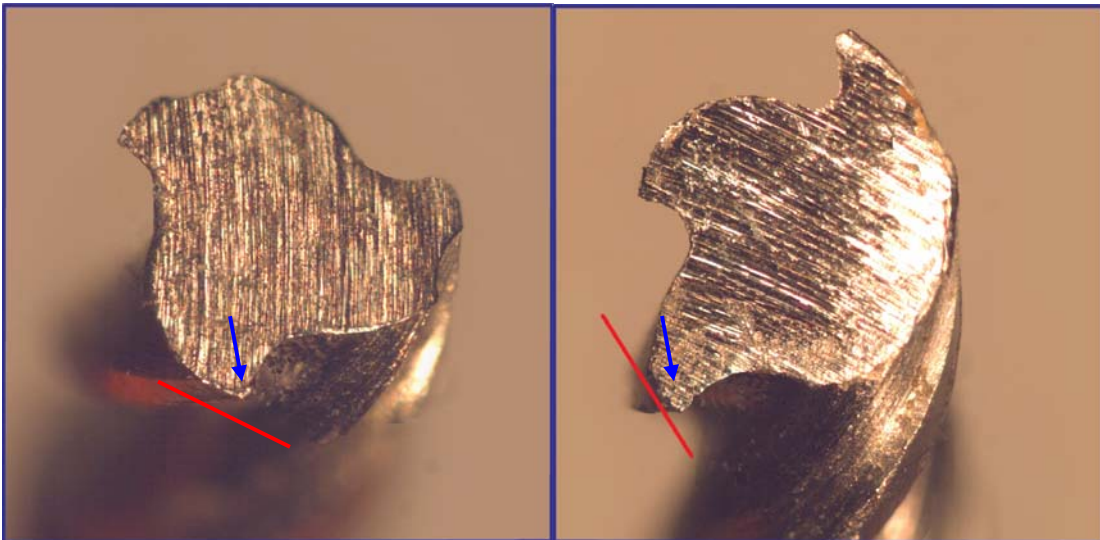
***The Hero file** which has asymmetrical flutes has a rake angle (blue arrow of left image) that is different from its cutting angle (blue arrow of right image). The cutting angle is less negative than the rake angle and a better indication of its cutting ability.*



***The M2 file** has asymmetrical flutes that result in a difference in the rake angle (blue arrow of left image) and the cutting angle (blue arrow of right image). The rake angle is negative and the cutting angle is less negative and can be slightly positive.*



The Quantec file, which has asymmetrical flutes, has a negative rake angle (blue arrow of left image) and a positive cutting angle (blue arrow of right image).



The K3 file can have a positive rake angle (blue arrow of left image) depending on the diameter sectioned but has a definite cutting angle (blue arrow of right image).