

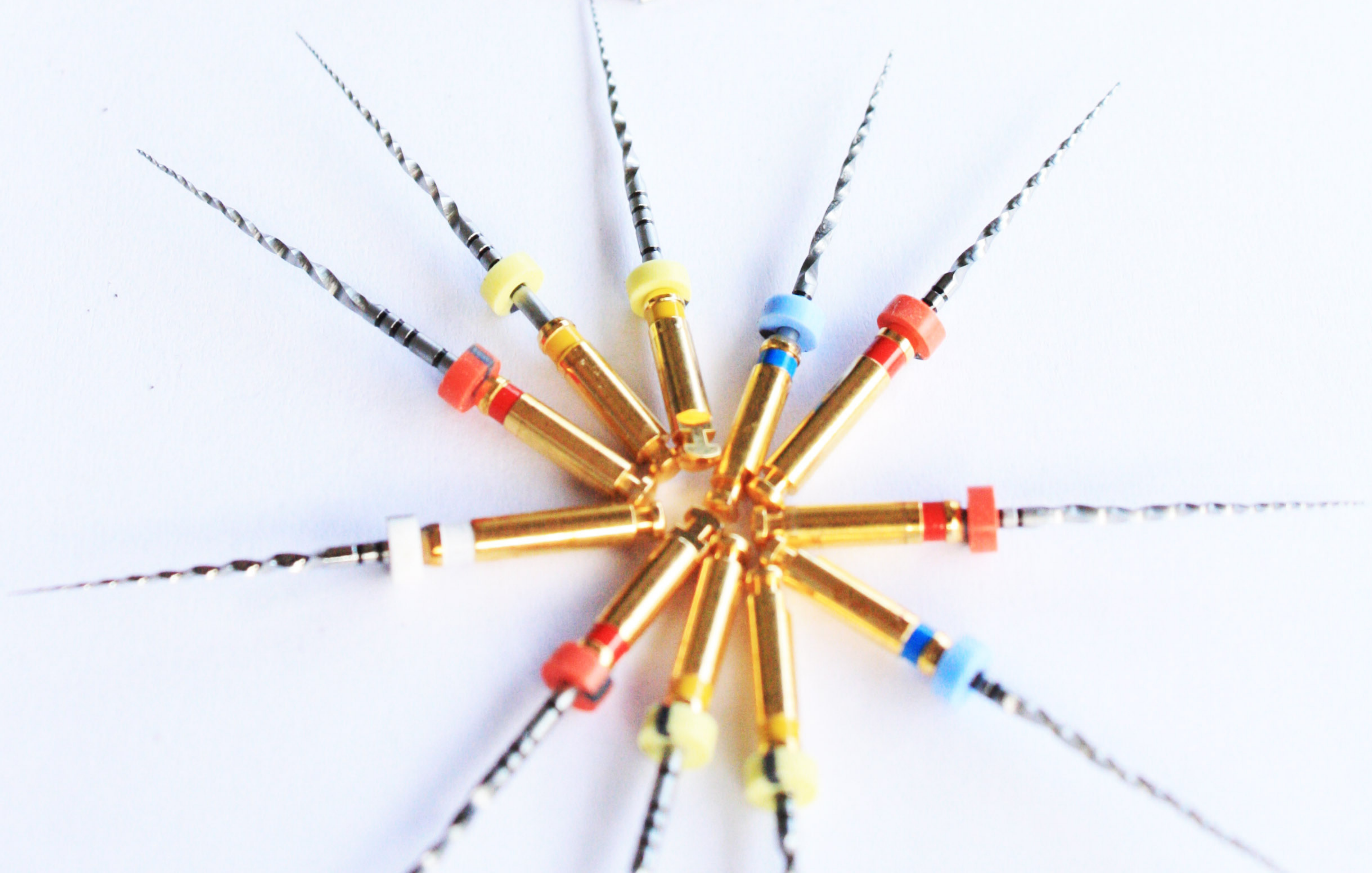
Essentials of Rotary NiTi File Design

The University of Western Australia, School of Dentistry
DMD 3

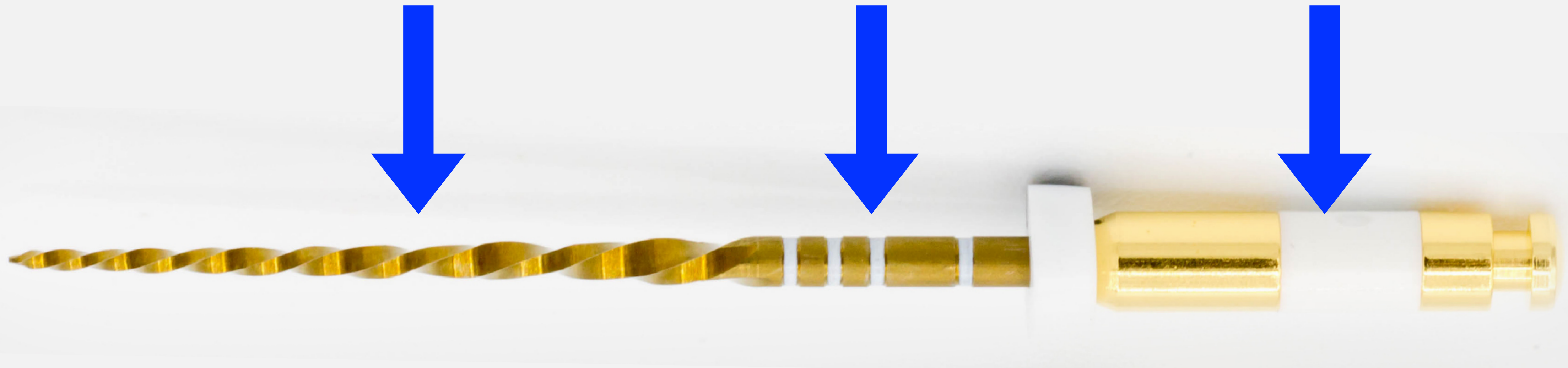
Dr Mostafa Elkholy, BDS, MSc, PhD



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File components and features



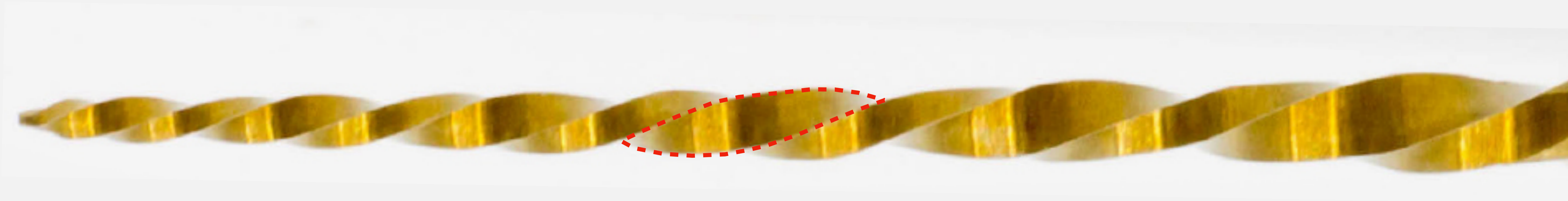
File components and features

The flute



File components and features

The flute



File components and features

The pitch



File components and features

The pitch



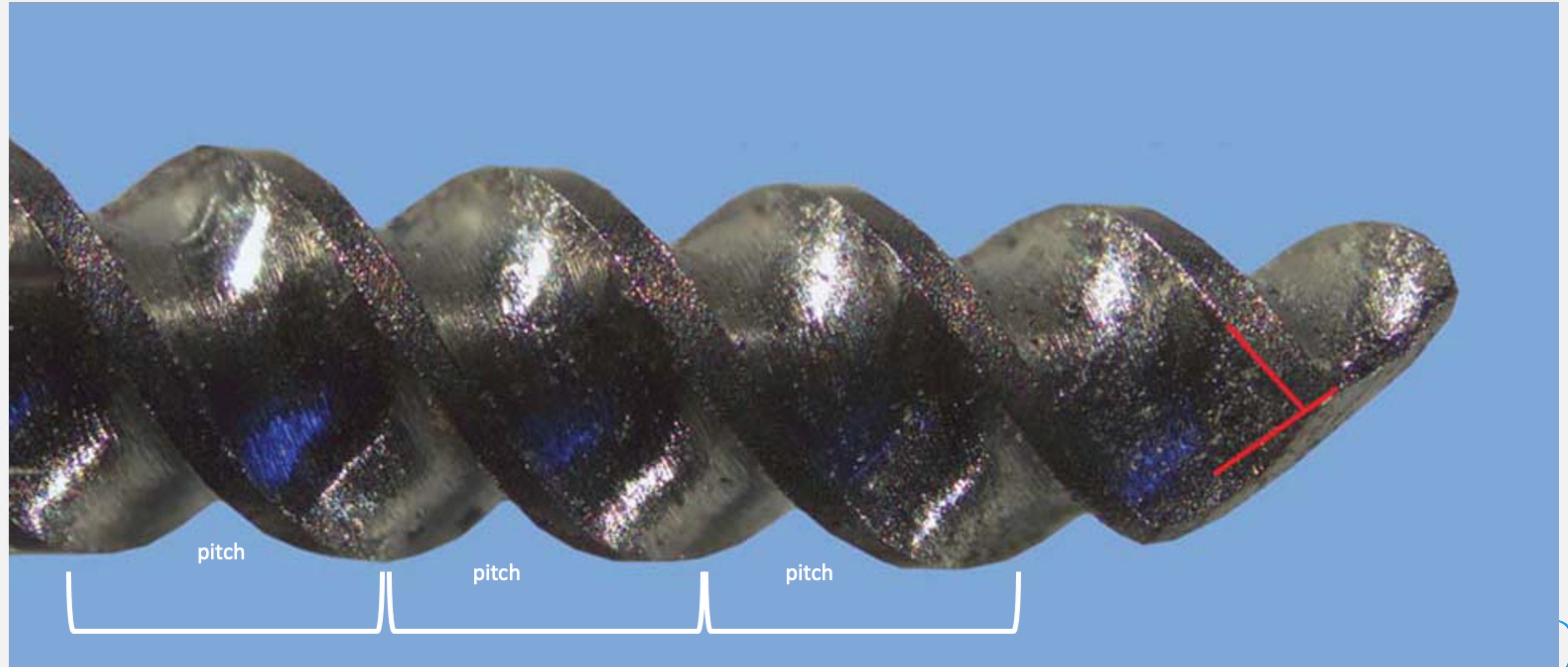
File components and features

The pitch



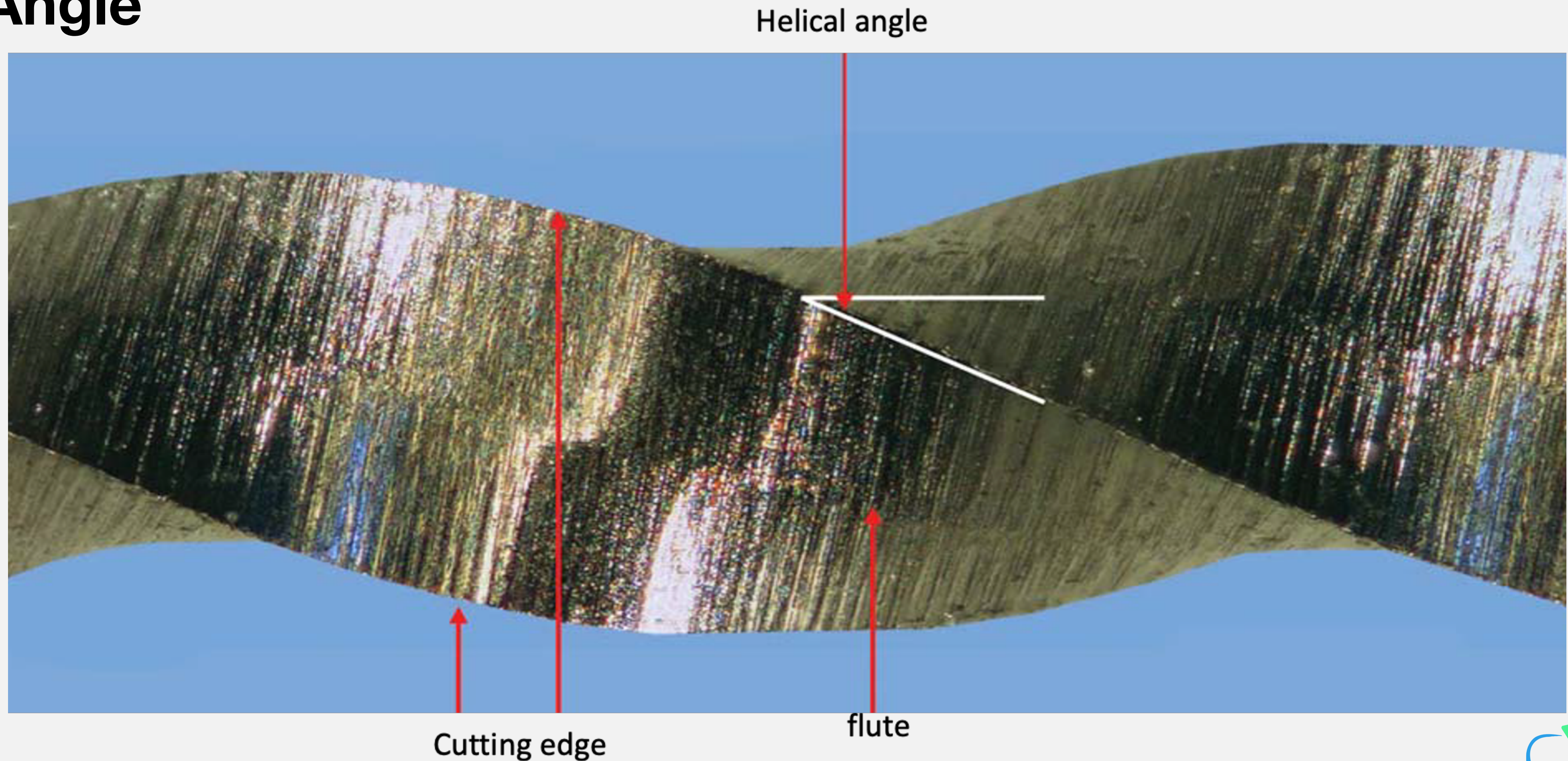
File components and features

The pitch



File components and features

Helical Angle

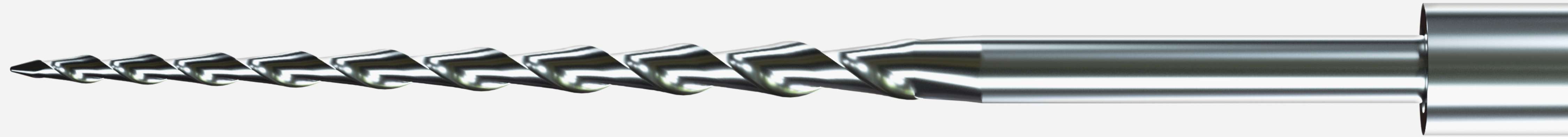


File components and features

Helical Angle

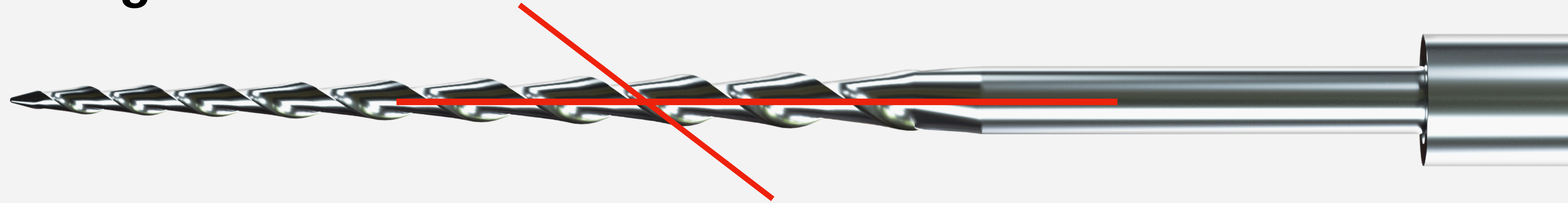
File components and features

Helical Angle



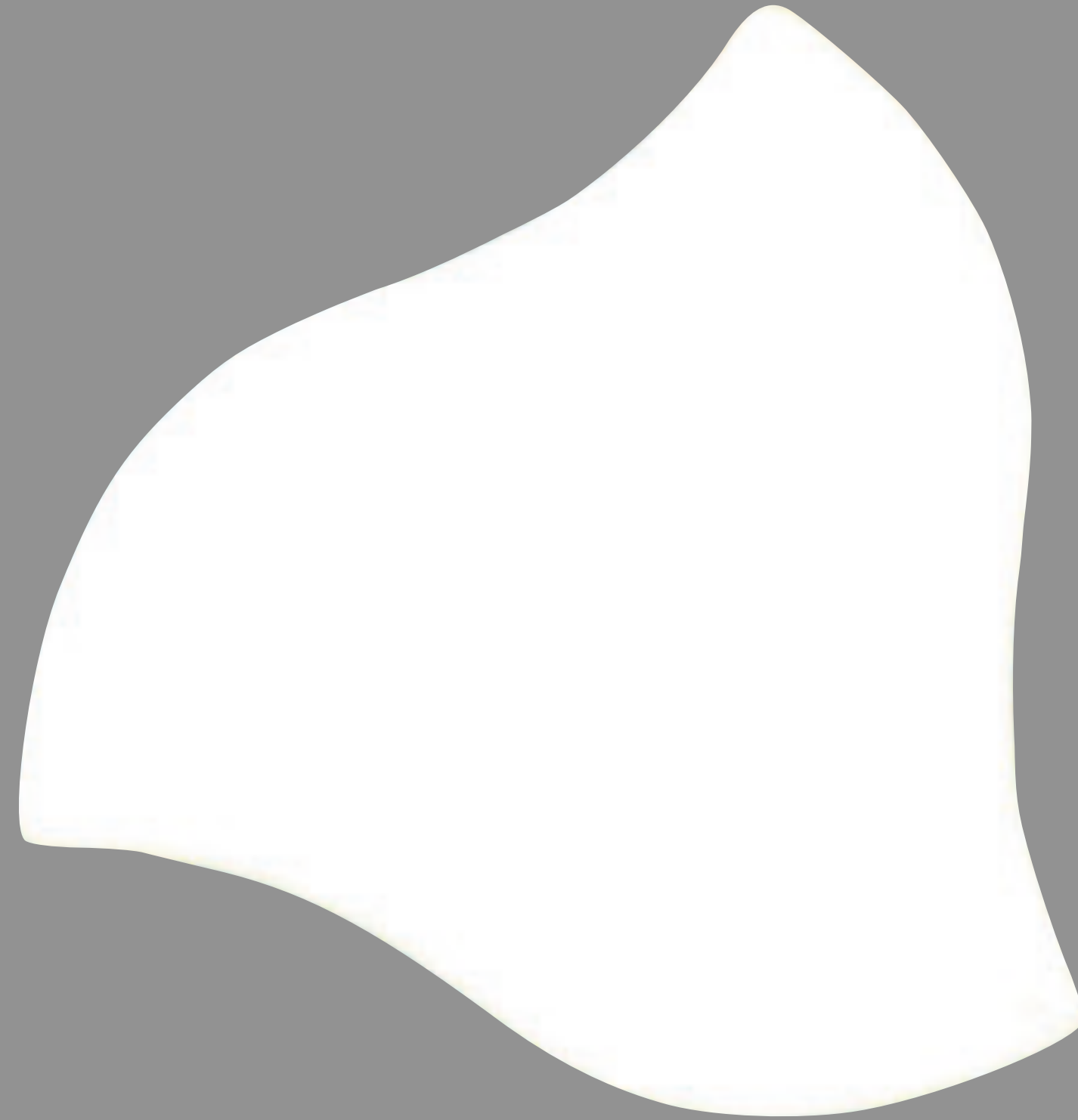
File components and features

Helical Angle



File components and features

Core and MFD



File components and features

Core and MFD



File components and features

Core and MFD



File components and features

Rake Angle

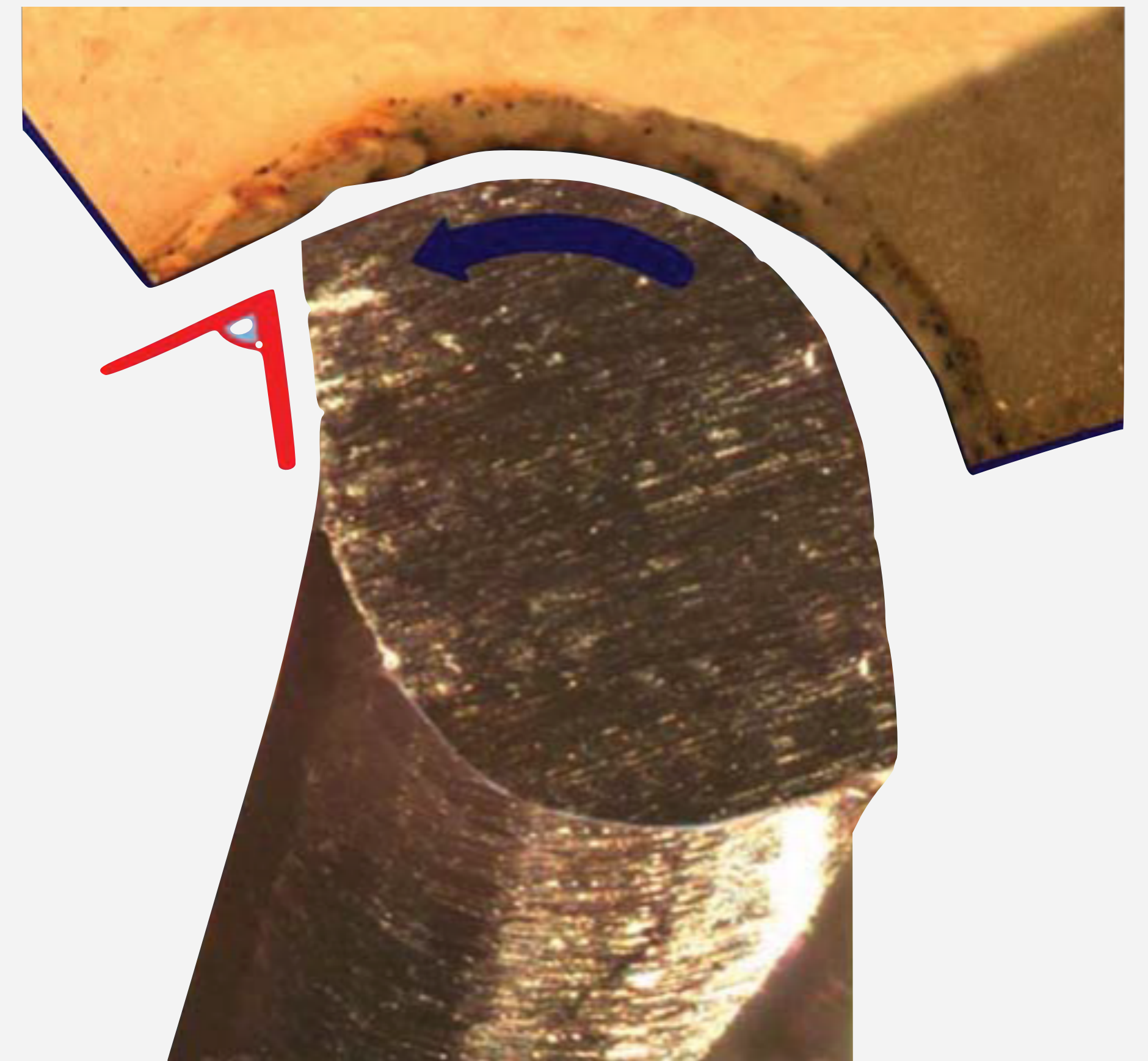
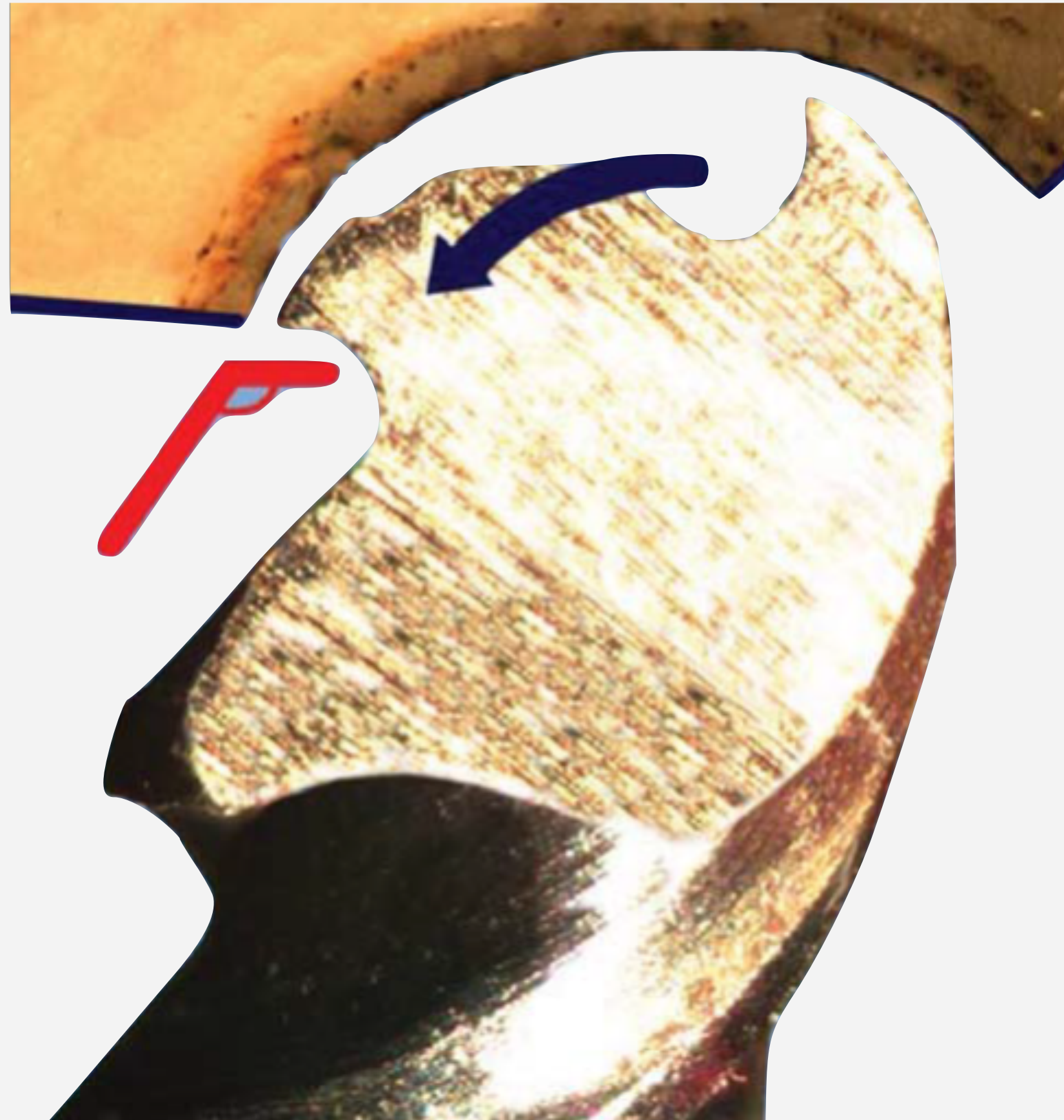
File components and features

Rake Angle



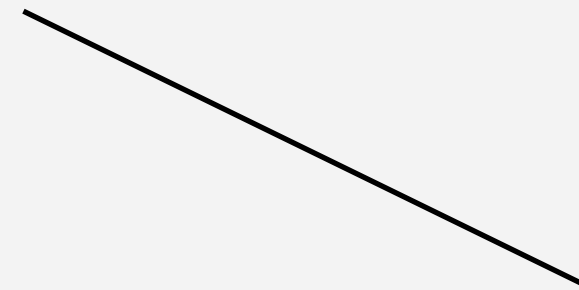
File components and features

Rake Angle



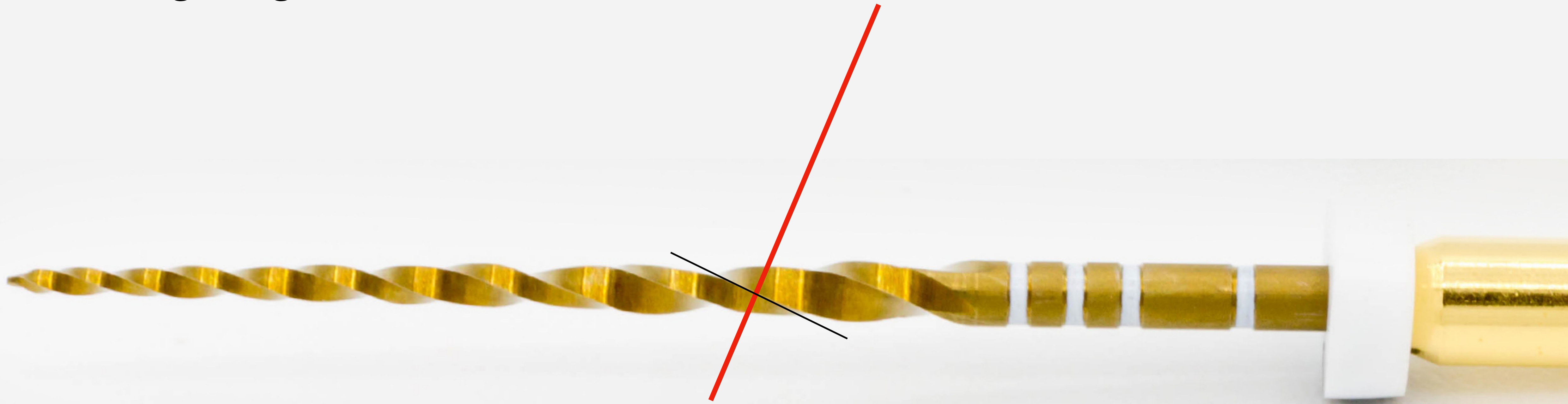
File components and features

Cutting Angle



File components and features

Cutting Angle



First Generation

- ◆ Radial Land
- ◆ Passive Cutting Edge

