Collimators for radiosurgery.

High-precision irradiation is particularly important when treating in the head and neck area. In collaboration with the Swedish Elekta Group, we have developed a ring-shaped collimator block made from the tungsten heavy alloy Densimet®.

Hundreds of beam channels guide the gamma radiation with pinpoint accuracy to a focal point. Every year, more than 50,000 patients benefit from this exceptionally precise radiosurgery.
Densimet® provides optimum shielding properties against radiation and protects healthy tissue. The excellent machinability of our Densimet® grades gives us the opportunity to produce highly complex geometries and satisfy the highest requirements on tolerances.

For documentation we use 3D measuring machines and state-of-the-art equipment.