

# Neutron Beam Shaping Devices

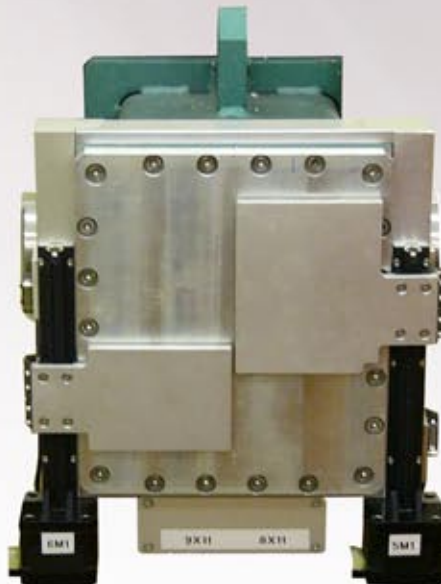


Oscillating radial collimator  
double slit with optical alignment system

Custom designed Slit System



- Designed to operate in vacuum and radiation environment
- Easy integration into existing system
- Double translation and tilting / rotation option
- High-reproducible positioning accuracy: +/- 10 $\mu$ m
- Flexible design in size and absorption layer
- Customer-based absorber design:  $^{10}\text{B}$ ,  $\text{B}_4\text{C}$ ,  $\text{Cd}$ ,  $\text{Gd}_2\text{O}_3$  or multi-layer sandwich
- Neutronically tested and certified for transmission / absorption



Double shutter for splitter guide