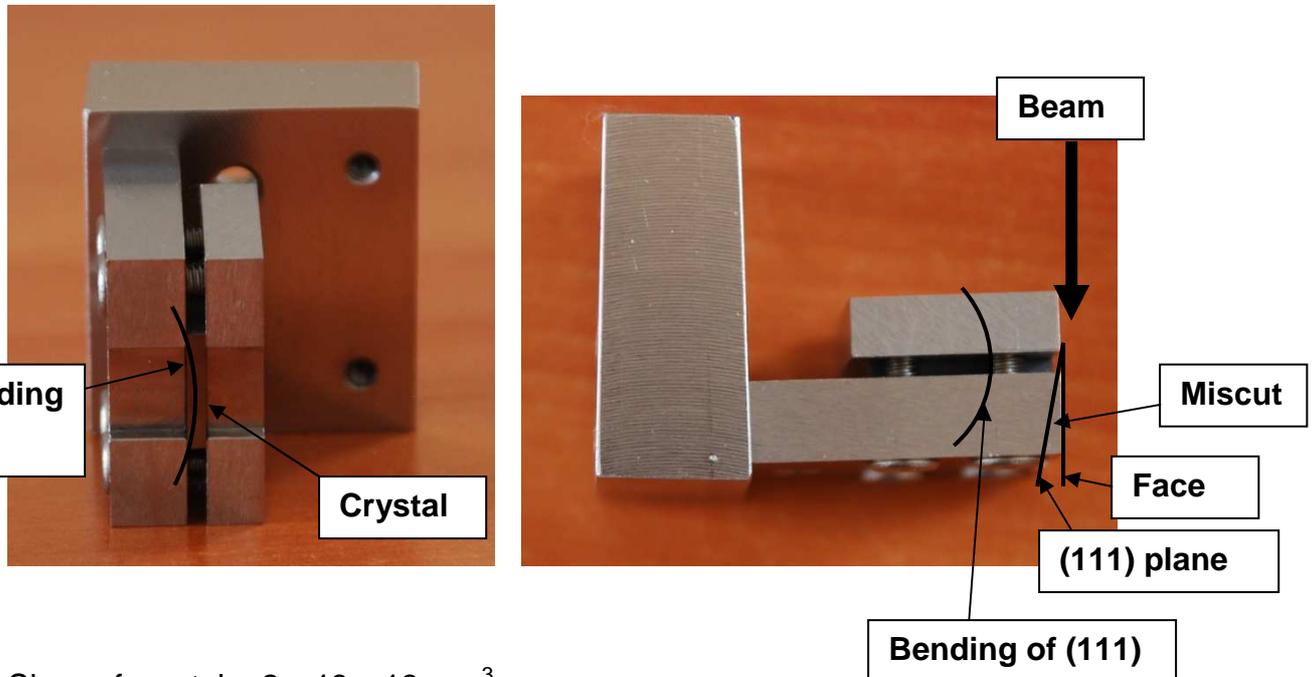


## Short description of the QM crystal



Sizes of crystal  $\sim 2 \times 13 \times 18 \text{ mm}^3$

Accurate size along beam  $(1.98 \pm 0.01) \text{ mm}$

Channeling planes are (111)

Bending angle of the (111) planes is  $(120 \pm 10)$  microradians

Miscut angle is  $(50 \pm 10)$  microradians

Sizes of window in bending device  $2 \times 10 \text{ mm}^2$

If before and after any procedure with assembly (for example heating) the bending radius of the crystal will be the same it means that bending of (111) is not changed.

Additional pair of openings without thread is intended for re-installation of bending device in case you will need to turn up the crystal. The crystal will leave in the same position respect to openings with M3 thread.