

# Cutting TiO<sub>2</sub>(110) wafer

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Hi!

I've got a TiO<sub>2</sub>(110) wafer for my STM experiment but it seems to exceed the allowed sample size. Now I need to cut it, but as far as I know, the cleavage is easy only in one direction, i.e. parallel to (110) plane.

The wafer is 0.5 mm thick. Does anybody know how to cut it without destroying completely the wafer? Any help is greatly appreciated.

Regards, Antoni Rok

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