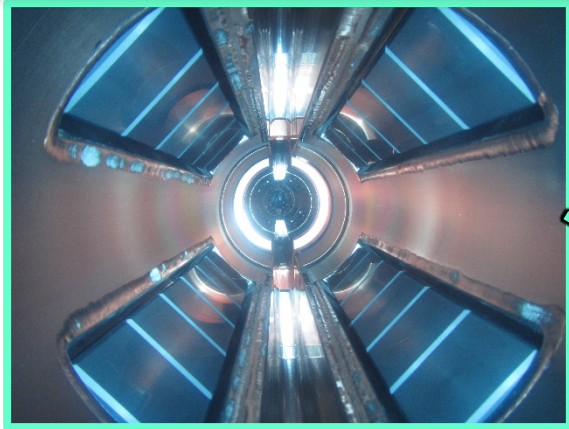


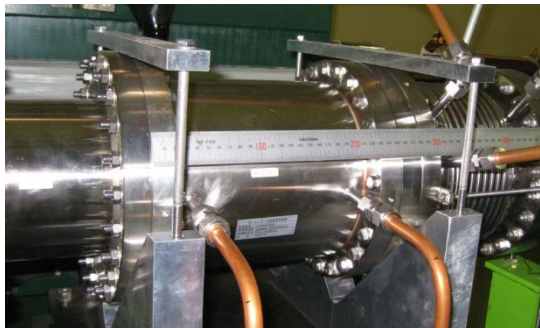
Unique Space-Saving Features of the RF Accelerating Structure for the SuperKEKB / Positron Damping Ring

The HOM absorbers in the grooved beampipes absorb not only TE modes but also higher-order TM modes.

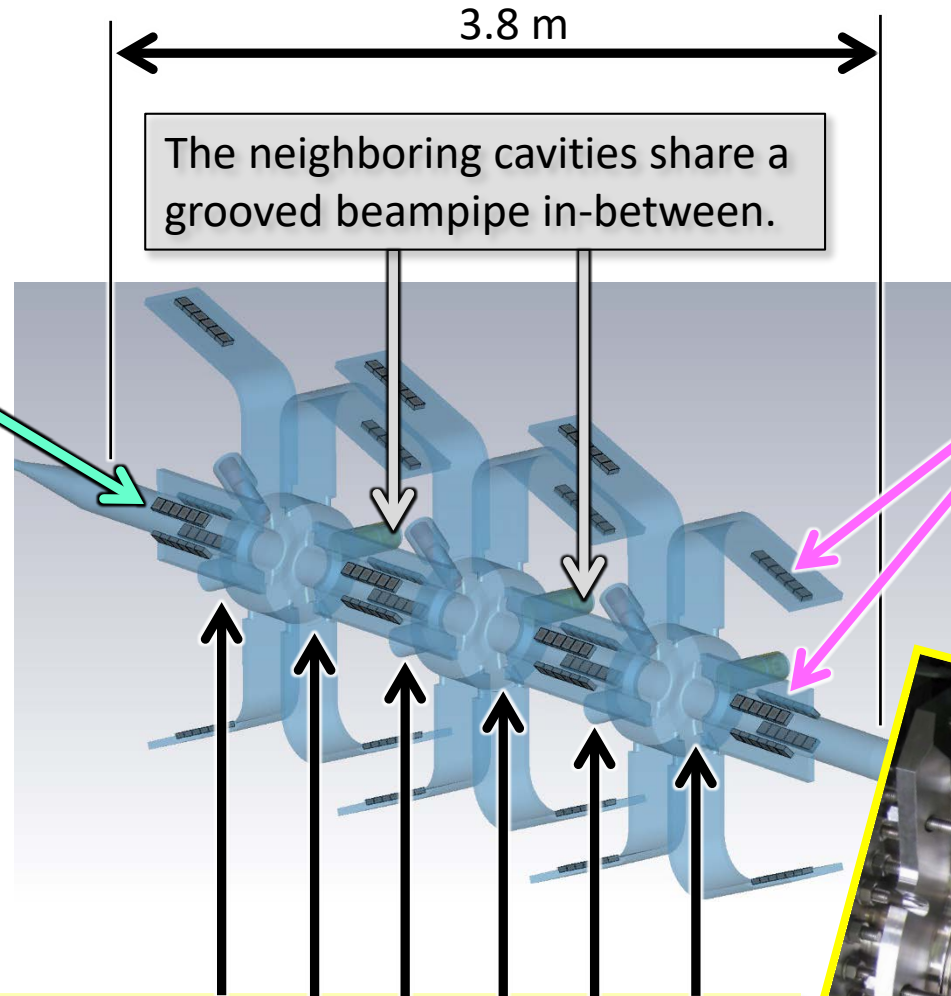


No additional HOM absorbers (such as SiC ducts) needed

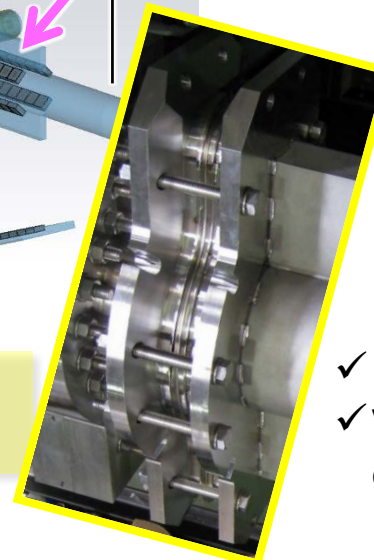
E.g. SiC duct used at the MR / RF section



(280 mm long)



The HOM absorbers are all **compact** tile-shaped SiC ceramics (48 x 48 x 20 mm³).



- ✓ Fixed with 16 M12 bolts
- ✓ Vacuum-tight lip welding at the outer periphery ("weld ring gasket")