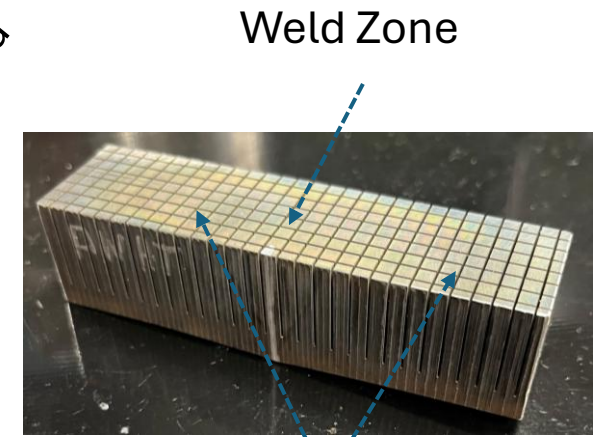


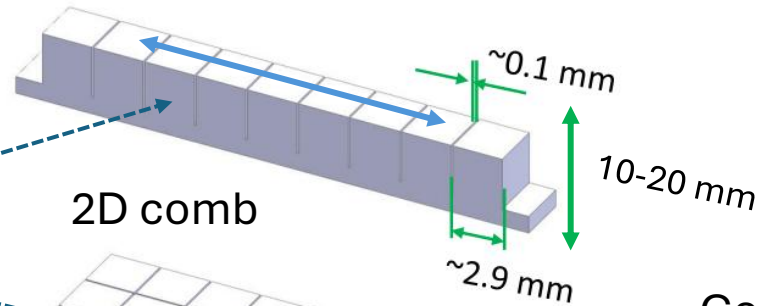
Unstressed Lattice d0 (d0 Comb)

Always prepare a d0 comb using Electrical Discharge Machining (EDM) as to minimize any thermal effects

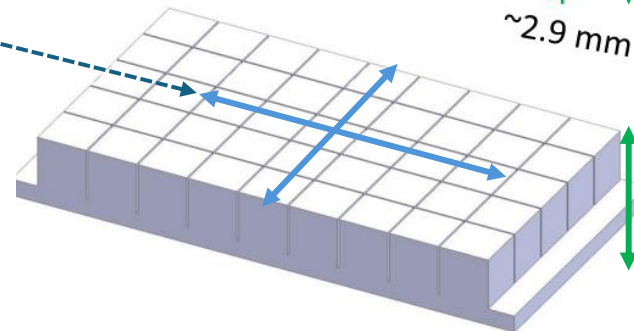
Example of as-prepared comb



1D comb



2D comb



The measurement directions you expect the chemistry change should be along these directions

Comb teeth height can vary – if well secured buy bottom section teeth can be $\sim 10 \text{ mm}$ long to relieve mechanical stress