## Edge finder

Pin is 3 mm



## Using the edge finder to define module mounting positions

Matt & Rachel used the edge finder to locate the edges of the temporary module mounting baseplates after the rework in late February 2021. To calculate the expected positions of the centers of the modules from these edges, we need a variety of dimensions, including the length and width of the baseplates themselves. Scott provided those dimensions:

19-0 table with 3march2021.pdf	19-0 QUAD tabl3march2021.pdf

He noted that the overall baseplate dimensions have some tolerance. The guiding pin, as noted above, is a 3mm pin. In these sketches, the modules are 22 mm x 22 mm for triplets, to reflect the commercially available coverslips we used for glass-glass tests.

The ball on the edge finder is 0.200" (see packing list).



## Rachel Hyneman described the calculation process like so:





## She used dimensions from Scott's drawings.