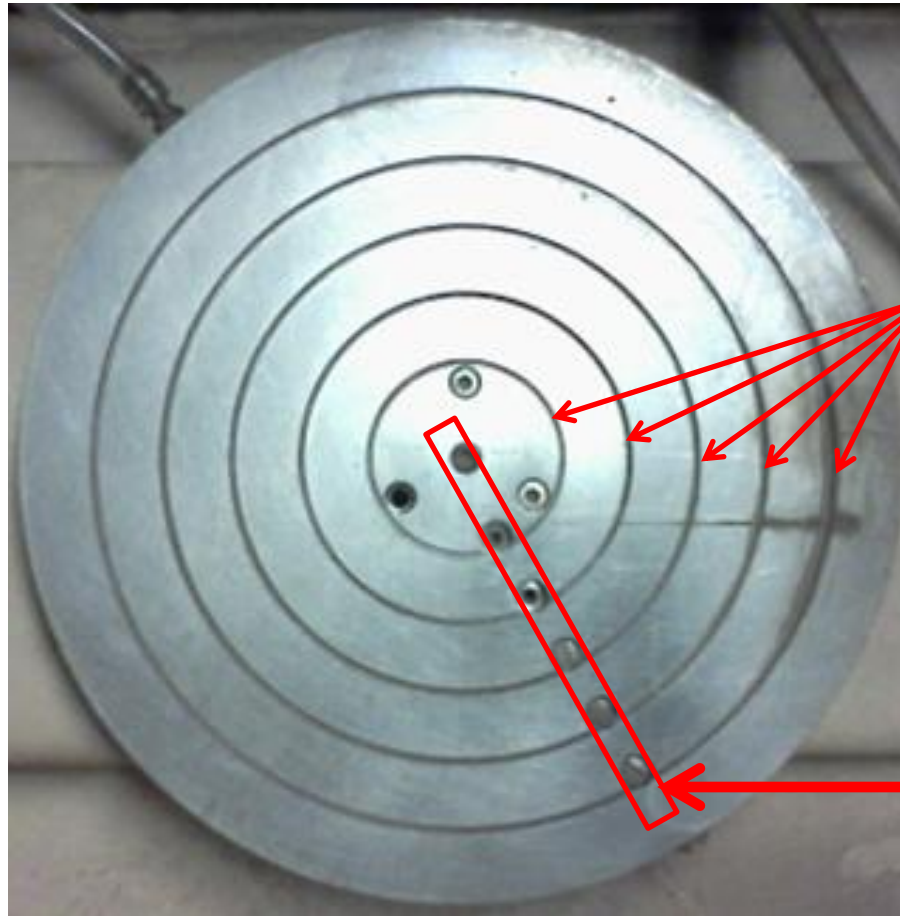


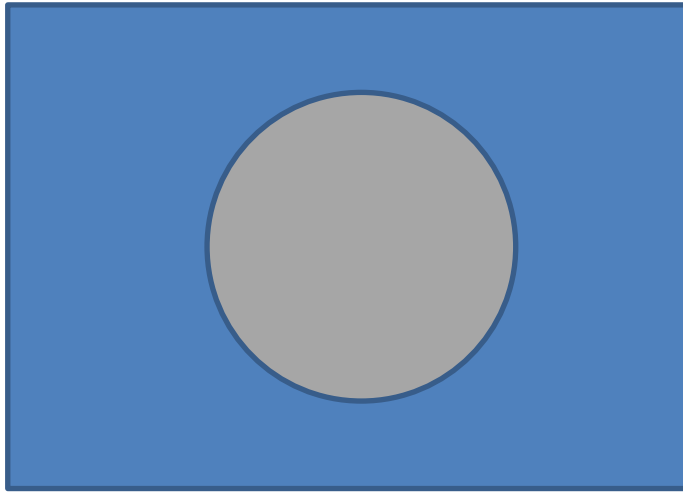
SAW Chuck



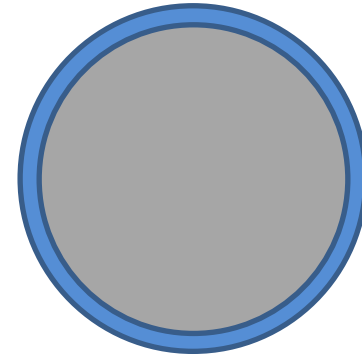
Vacuum Ring Grooves

Vacuum Ports:
Remove Screw to add
ring to vacuum hold.

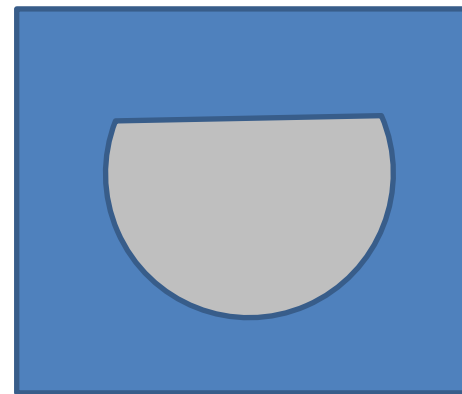
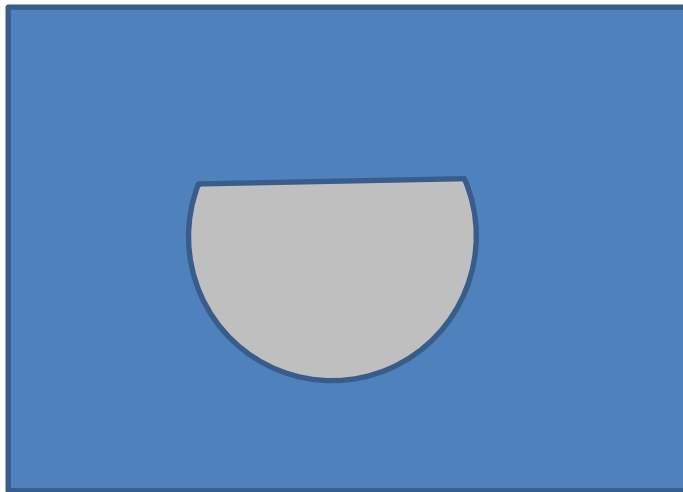
Mounting Sample on Blue Mylar Film



Trim a Round Sample to leave only a 1-2mm edge.

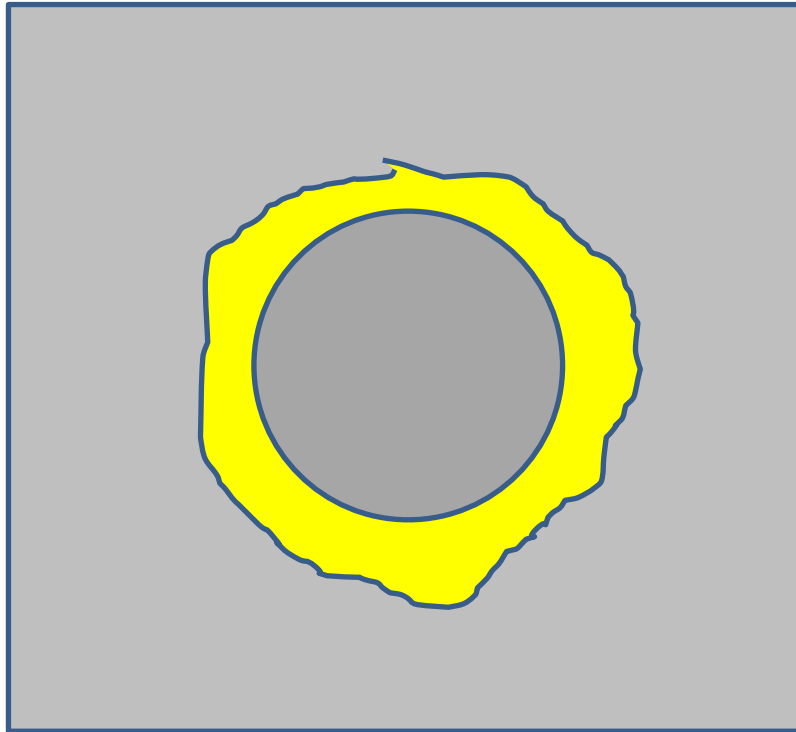


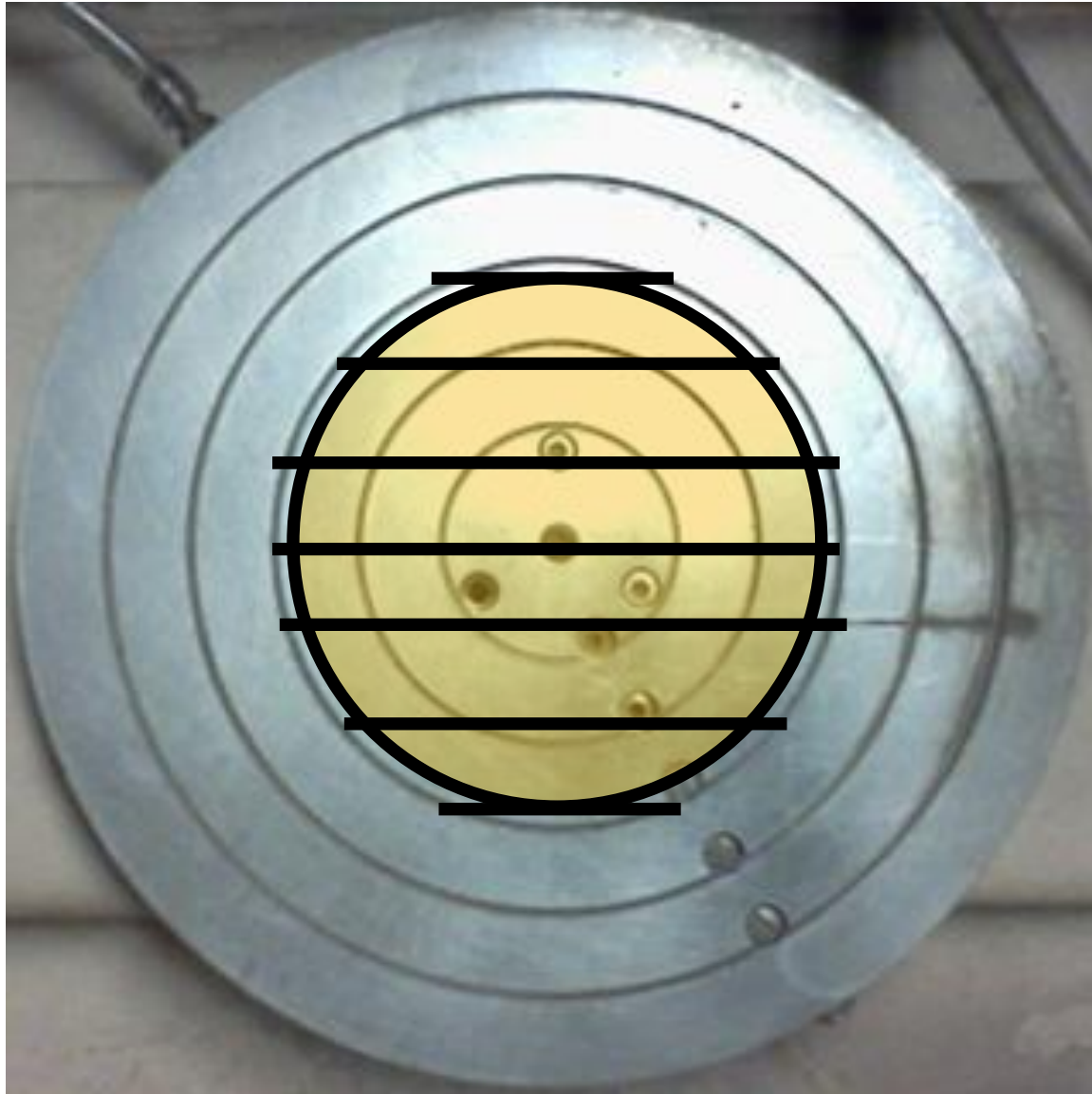
For Non-Round Samples:
Leave Extra to match larger vacuum ring size.

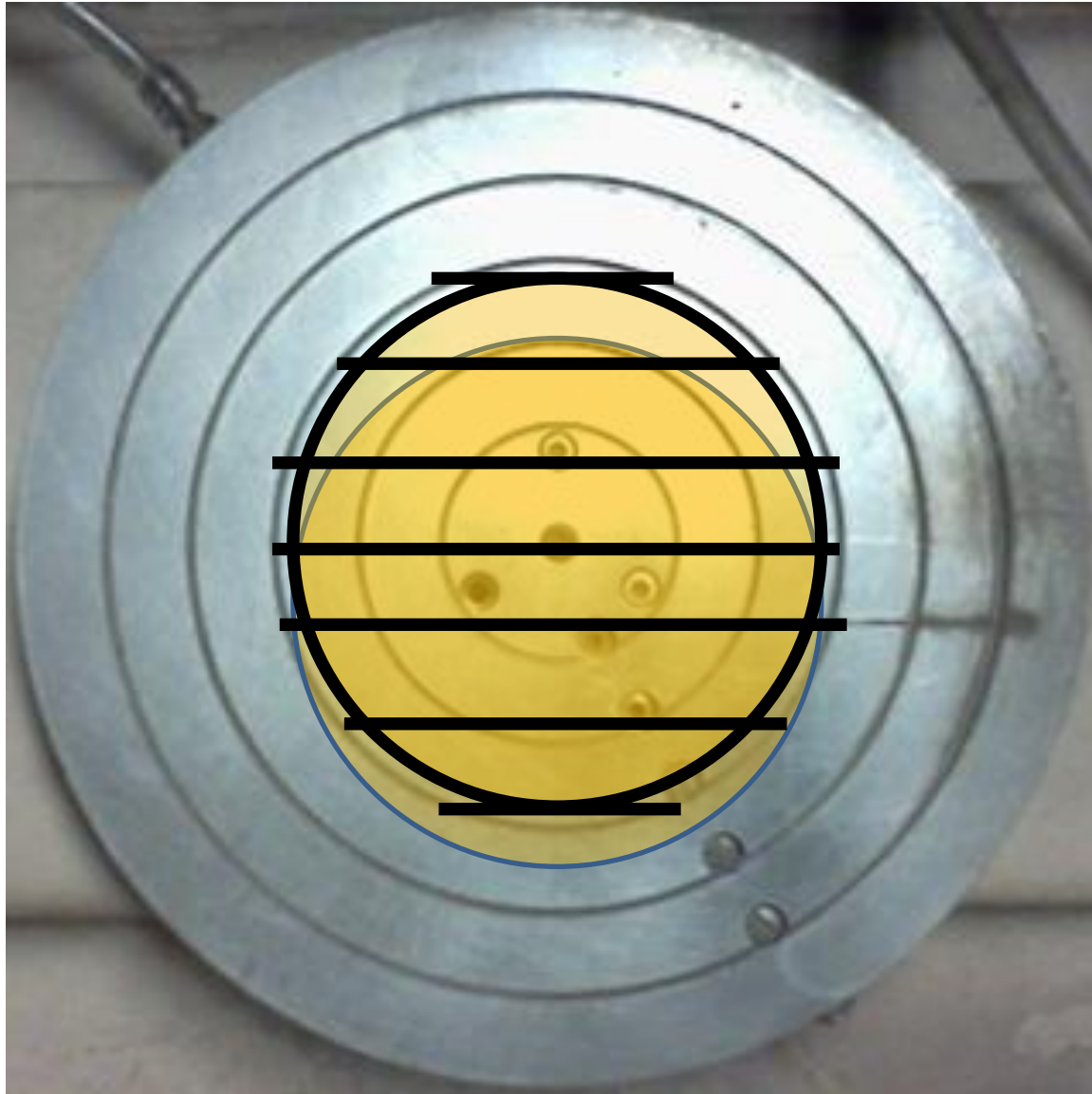


Mounting Sample on Glass Plate or Si Wafer

Mount with a thin layer of Crystal Bond Wax

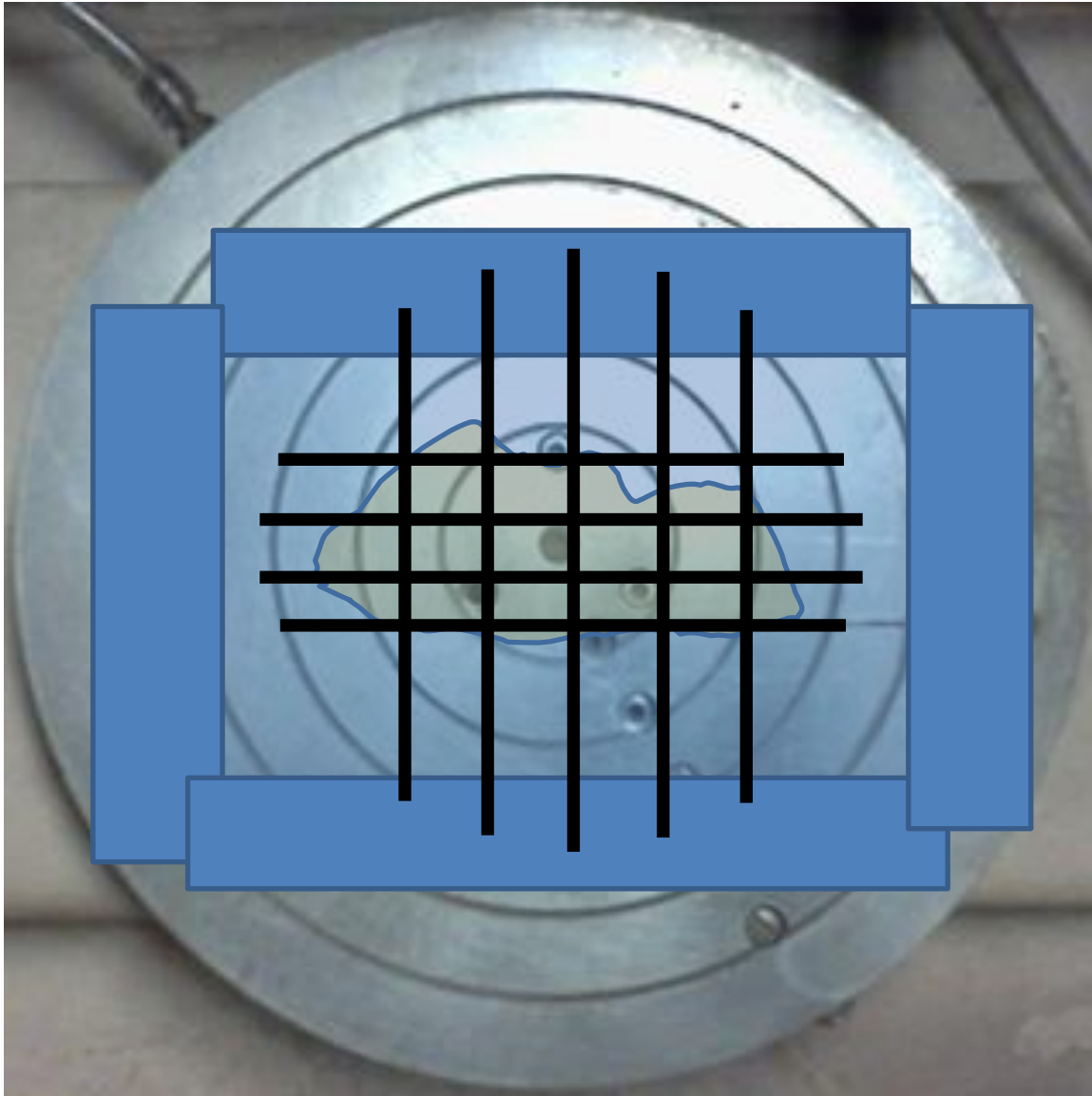






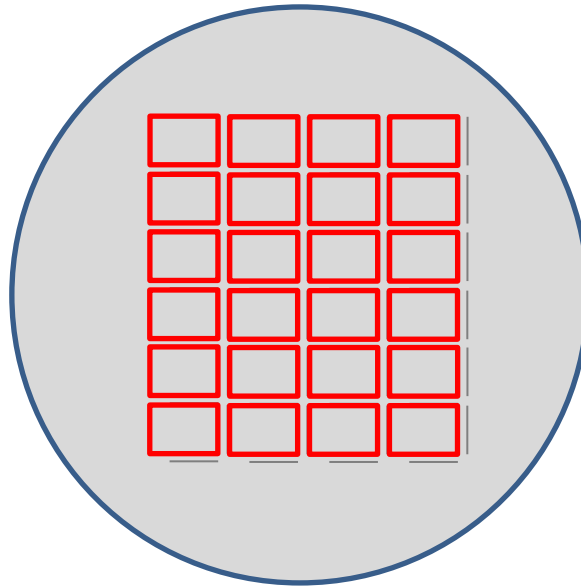




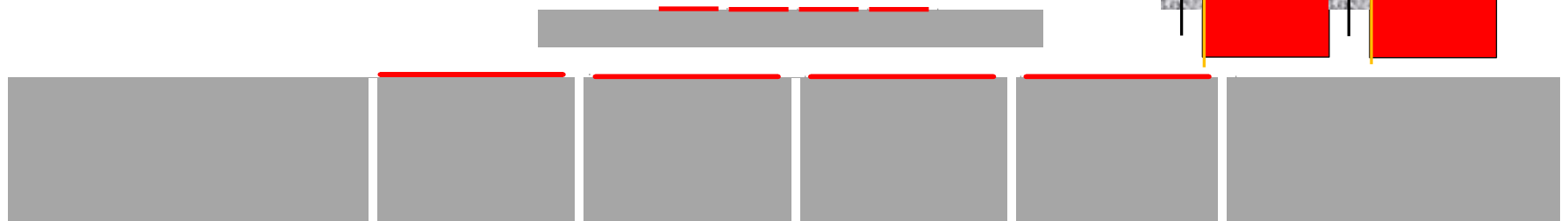
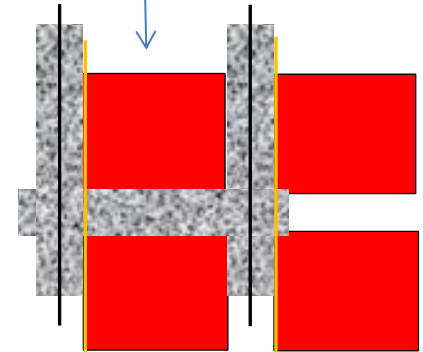


Index equals:
Die edge length
plus the saw Kerf
OR

Index equals:
Die edge length
plus the street
Width



Finished Die
Size will
Equal Index
minus the
SAW KERF



Die Size – One Edge

Street

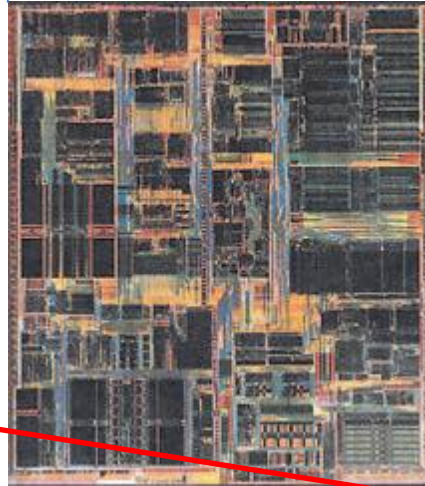
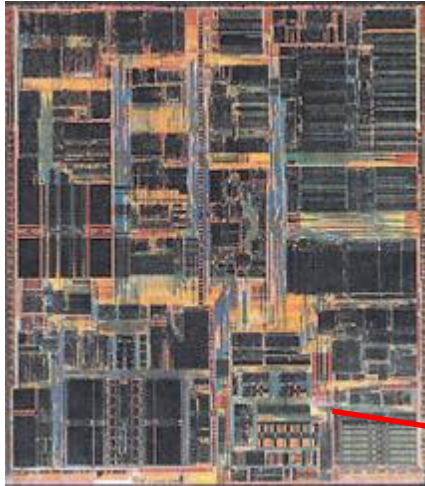
Index – One Edge

Die edge length

Saw Kerf
Is the
Width of
the Cut

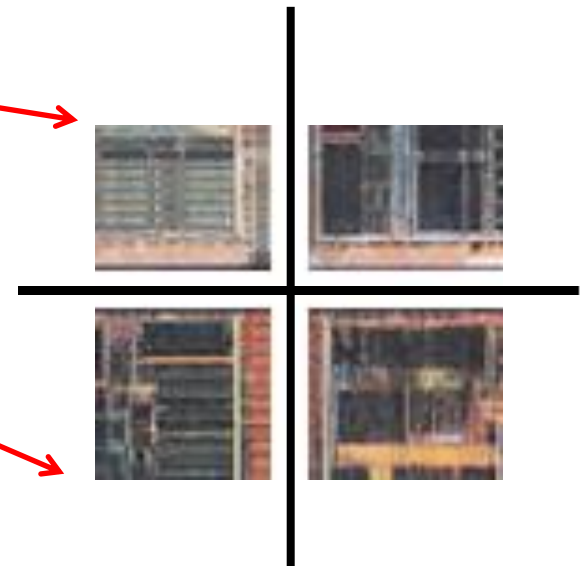
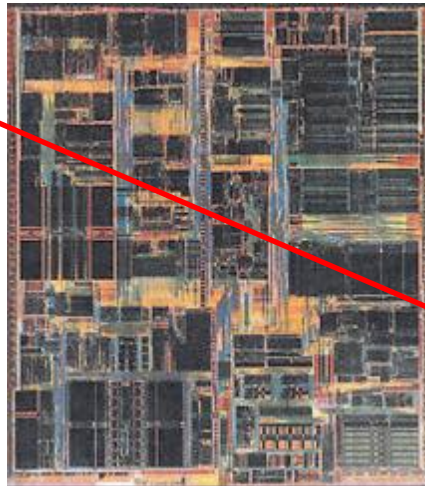
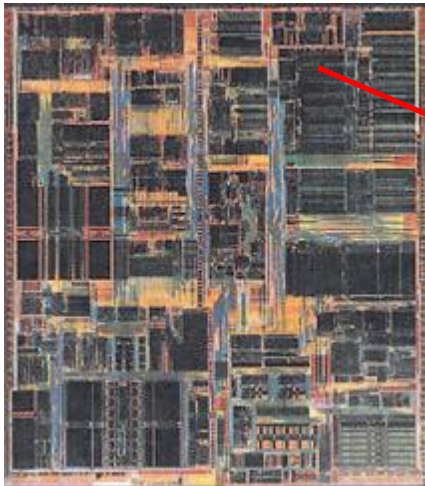
Street Width

Die Width

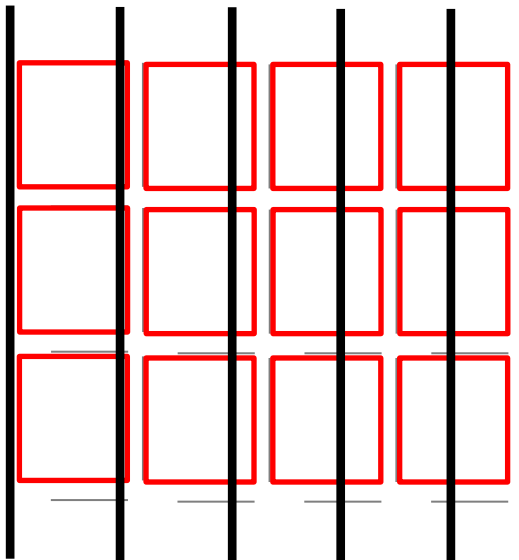
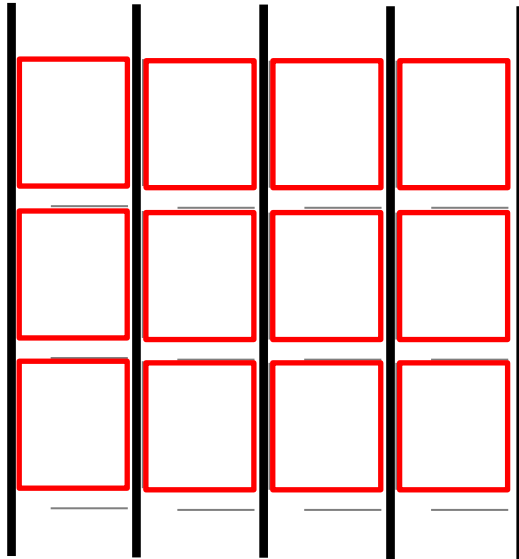


Index is Street Width Plus Die Width

Saw Cut is in the middle of the Street Width of the cut is called the Kerf.



Aligned
to the
Street



Indexed and Cut where
Index equaled the Die Width
plus the Street Width

Indexed and Cut where
Index equaled the Die Width
and the Street Width or the
Saw Kerf were not included.