Flake and blade removal a product of force, motion and inertia.

The size of the objective piece, size and weight of percussor,

The velocity of percussor, Interval of contact, yeild of percussor,

the trajectory of percussor, The fracture angle of the cone of force

The platform character and the exterior surface character of the proposed flake or blade. Distance from margin to the point of impact of the percussor. The contact area of the percussor.