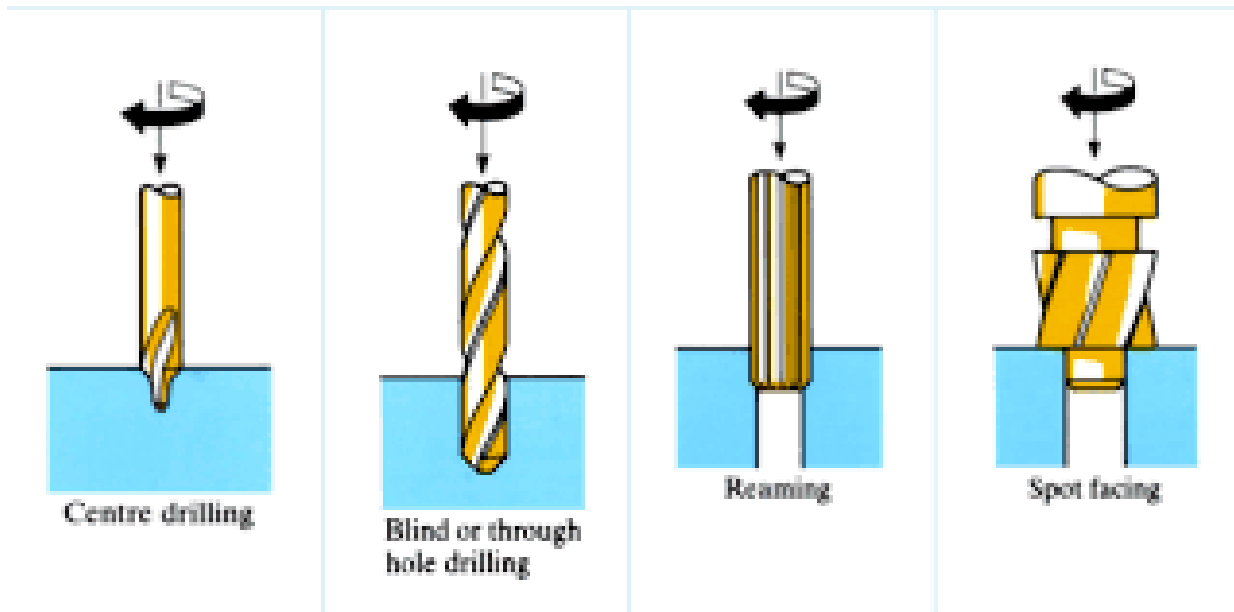


## Multiple-point cutting

It is a tools have two or more cutting edges and include milling cutters, drills, and broaches.

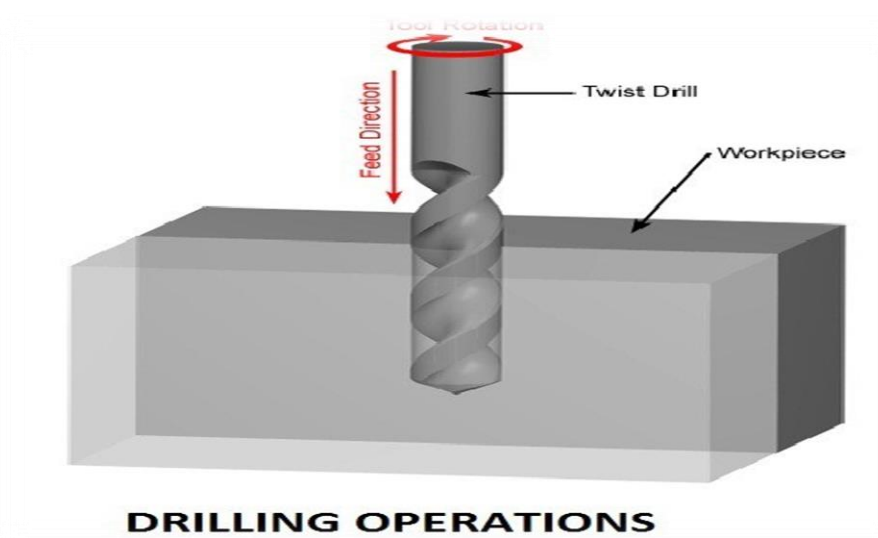


## Types of operations

- Drilling
- Reaming
- Boring
- Tapping

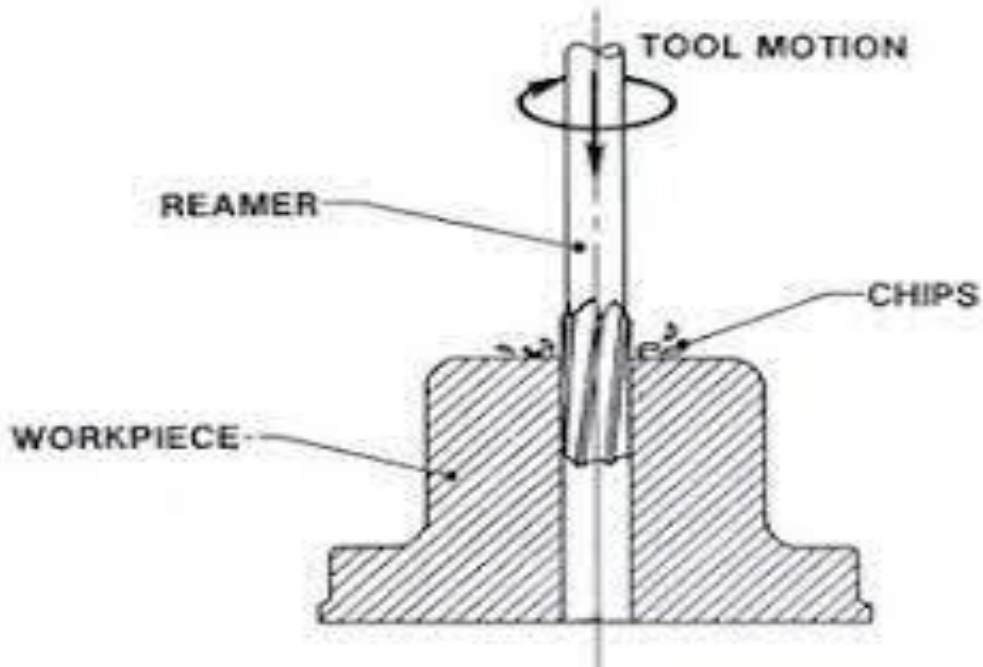
## Drilling

Drilling operation is the first contact between the formation and the non-native fluids and equipment. Drilling fluids play a vital role during the drilling operations by lubricating the bottom-hole assembly, cooling the drilling bit, lifting-up the cuttings, and forming impermeable filter cakes.



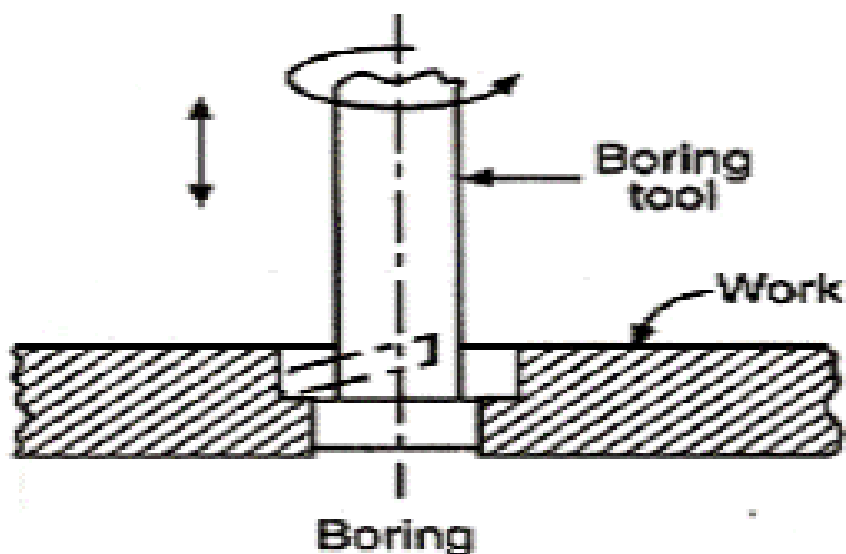
## Reaming

Reaming operations can be performed on lathes, drills and machining centers. Tapping has been defined as: A process for producing internal threads using a tool (tap) that has teeth on its periphery to cut threads in a predrilled hole. A combined rotary and axial relative motion between tap and workpiece forms threads.



## Boring

The boring operation is equivalent to turning, but is performed exclusively on internal surfaces. It is used for roughing (sometimes referred to as 'hogging'), semi-finishing, or finishing of castings or drilled holes. Finish boring is particularly noted for its ability to achieve dimensional and surface.



## Tapping

Tapping is the process of cutting a thread inside a hole so that a cap screw or bolt can be threaded into the hole. Also, it is used to make thread on nuts.

