



ملخص

تصنيع 2

Manufacturing 2

للطالب : يوسف العفشة



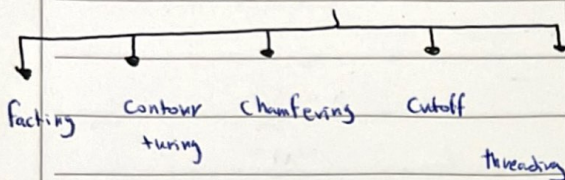
Machining (cutting)

turning

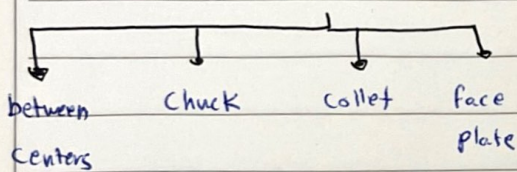
- single point cutting tool
- cylindrical shape

* Machine tool : Lathe

Variation on a Lathe



Hold the work in Lathe

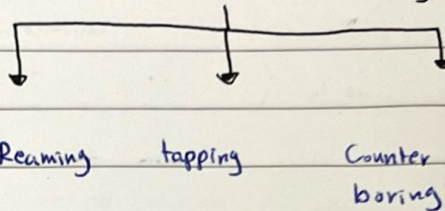


drilling

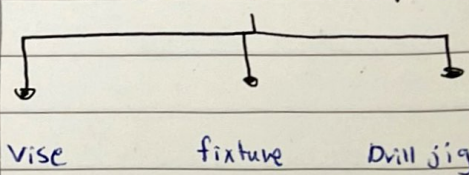
- two cutting edges
- round hole

drill press

operations related to drilling



Hold the work in Drill press

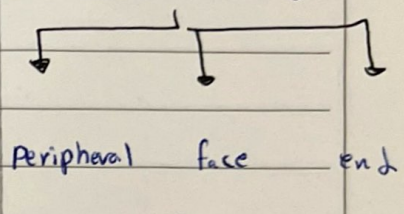


milling

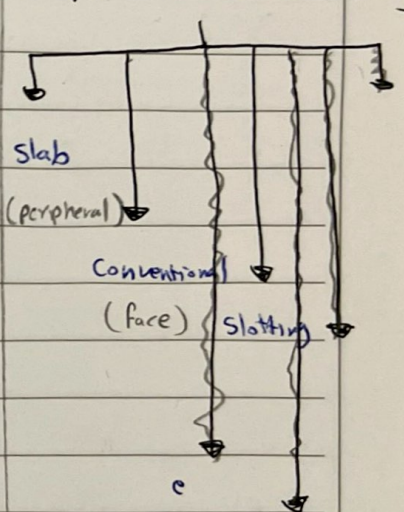
- multiple cutting edges
- plane or straight surface

milling machine

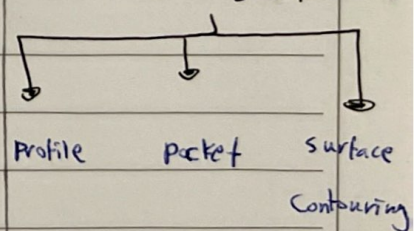
forms of milling



operation related to milling



end forming (operations)



other operation of cutting

Shaping and planing

Broaching

Sawing

- Single point cutting tool

tool: broach

tool: Saw blade