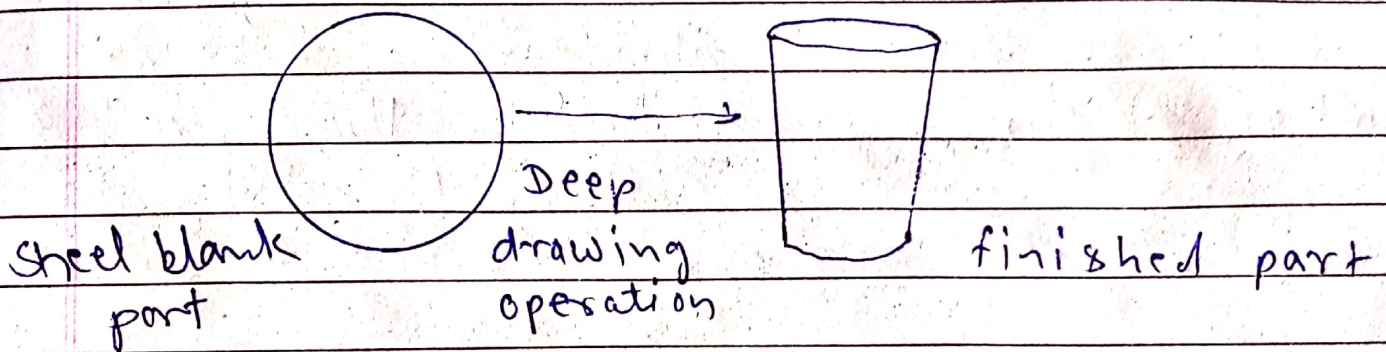


(*) Deep Drawing :- Deep drawing is a sheet metal forming process by which a sheet metal blank is slightly ~~ed~~ clamped along its perimeter by a blank holder and radially drawn into forming die by use of a punch.

Deep drawing Operation:

Deep drawing is one of the most widely used sheet metal forming operation. In this process compressive and tensile forces are used to convert flat sheet metal blank into a hollow body.

Deep drawing operation is very extensively used in the automotive sector consumer goods sector. For example, car body sheet metal parts are manufactured using deep drawing.



(*) Deep drawing Defects:

If deep drawing part design ~~parameters~~ ^{process} guidelines are not followed or ~~parameters~~ are not set properly, it can result in various defects in deep drawn part. Some of deep drawing defects include.

- (a) Wrinkling
- (b) Tearing and Thinning
- (c) Surface defects
- (d) Earing.