

DEBURRING PROCESS

Objective

To deburr (or matter in excess, which are "breakable" or removable from the part outskirts and which were the result of manufacturing (tooling, foundering or thermoforming).

Principle

- Spraying a fluid under a pressure between 150 and 400 bars, depending on the material (i.e. Plastic, metal) and on the fragility of the burr
- Usually associated processes: flushing, blowing and drying

Parameters influencing the deburring process:

- Pressure
- Flow rate
- Nozzle / part distance
- Nozzle - or nozzles - geometry
- Bubbling type

Advantages

- High-level deburring (clean part)
- Access made possible to difficult areas
- Very good surface quality
- Reproducible result

Application fields

- Automobile or Aircraft industry (forged or cast parts)

