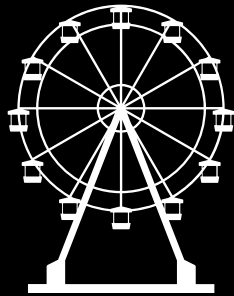


## WHAT IS MASS FINISHING?

Mass finishing is the tumbling or vibrating of parts in large batches with abrasive media inside specially designed barrels or tubs. The repetitive movement of the media on the surfaces removes burrs and imperfections to refine and polish batches of components simultaneously.

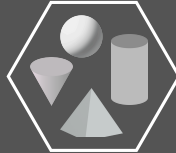
### CENTRIFUGAL BARREL FINISHING

A CBF tumbler is like a “supercharged” Ferris wheel. It leverages the g-force of the media on the parts to accelerate the finishing effect.



#### EXAMPLE

4 hours in a bowl vs. 30 minutes in a CBF machine.



## WHAT IS TUMBLING MEDIA?

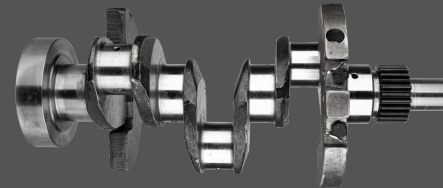
Tumbling media is the work horse of CBF processing. It comes in a variety of materials, shapes and sizes, each having a different affect on the surface of parts:

- **Ceramic & porcelain** media are molded and sintered
- **Plastic** medias have various abrasives cured within their resins
- **Organic** materials such as corn cob & walnut shell are combined with micro-abrasives or burnishing compounds



## WHAT SIZE PARTS CAN ISO FINISH?

ISO Finishing can finish parts and components as small as 3mm<sup>3</sup> to as large as 8” x 8” x 24” in any material.



## DID YOU KNOW?

ISO Finishing has processed more than 132 million parts since 2014.



## HOW QUICKLY CAN PARTS BE PROCESSED?

Processing times vary upon material type, geometry, initial surface Ra and overall desired finish. A single step process can be as quick as 15 minutes and a multiple step cut and mirror polish may take several hours.