Cams and Cam Followers

What are cams?

What are cams?

Cams convert rotary oscillating or linear motion into a linear or reciprocating action to carry out useful work.

Types of cams

Types of cams

- Plate cam

Types of cams

- Plate cam
- Cylindrical cam

Types of cams

- Plate cam
- Cylindrical cam
- Face cam

Types of cams

- Plate cam
- Cylindrical cam
- Face cam
- End cam

Types of cams

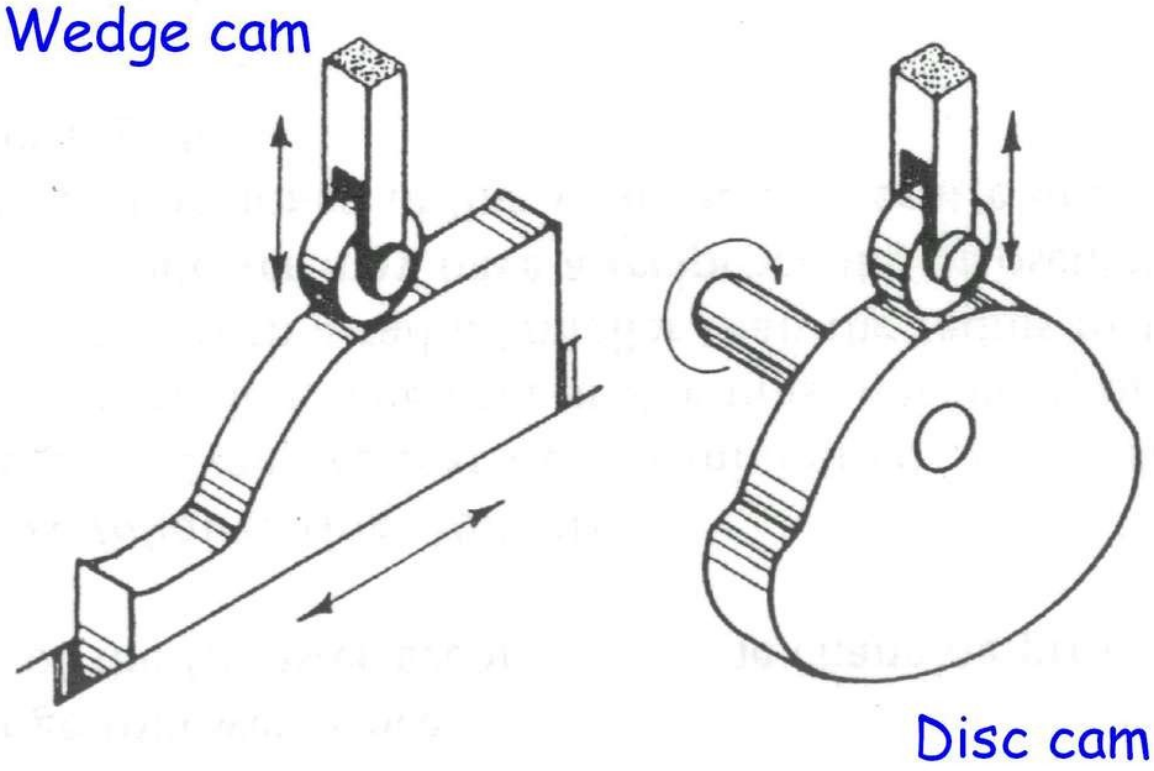
Plate cam

Sometimes called a disc, radial or edge cam.

Made up of a flat plate or disc with an edge profile to transmit motion.

Types of cams

Plate,Wedge or Disc cam



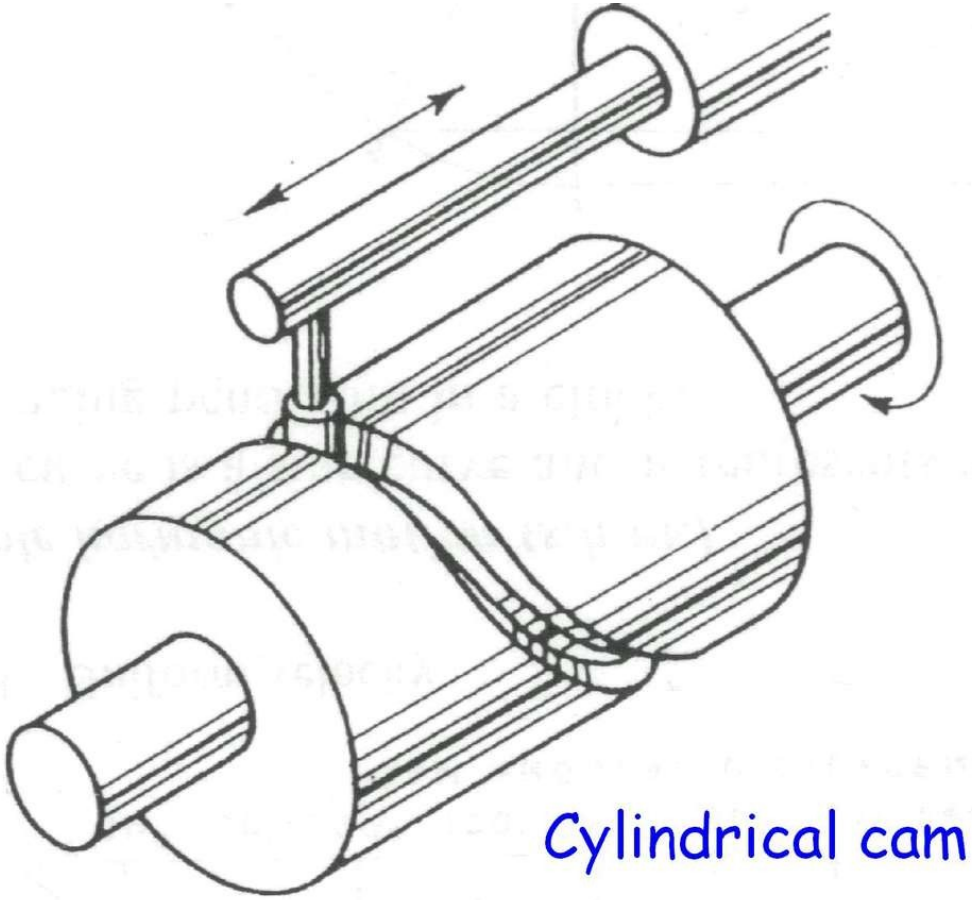
Types of cams

Cylindrical cam

Sometimes called a barrel cam. It's curved surface has a groove machined, within which a follower is contained. The movement is parallel to cam axis.

Types of cams

Cylindrical cam



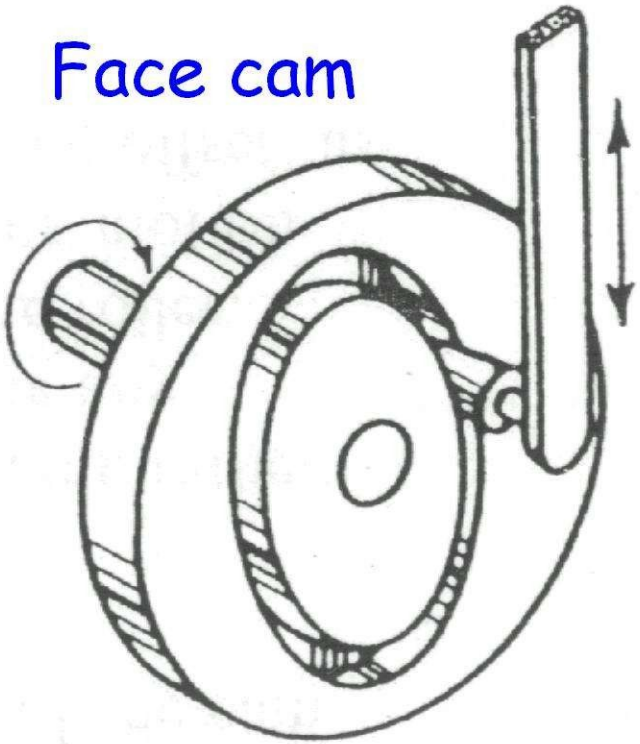
Types of cams

Face cam

In its flat surface, this rotary cam has a groove cut within which a constrained follower moves. The groove ensures no need for a return spring.

Types of cams

Face cam



-Types of cams

End cam

In this case the end of the cylindrical cam has the profile machined on the end.

Types of cams

End cam