

MH2252 - Computer laboration

MagmaSoft





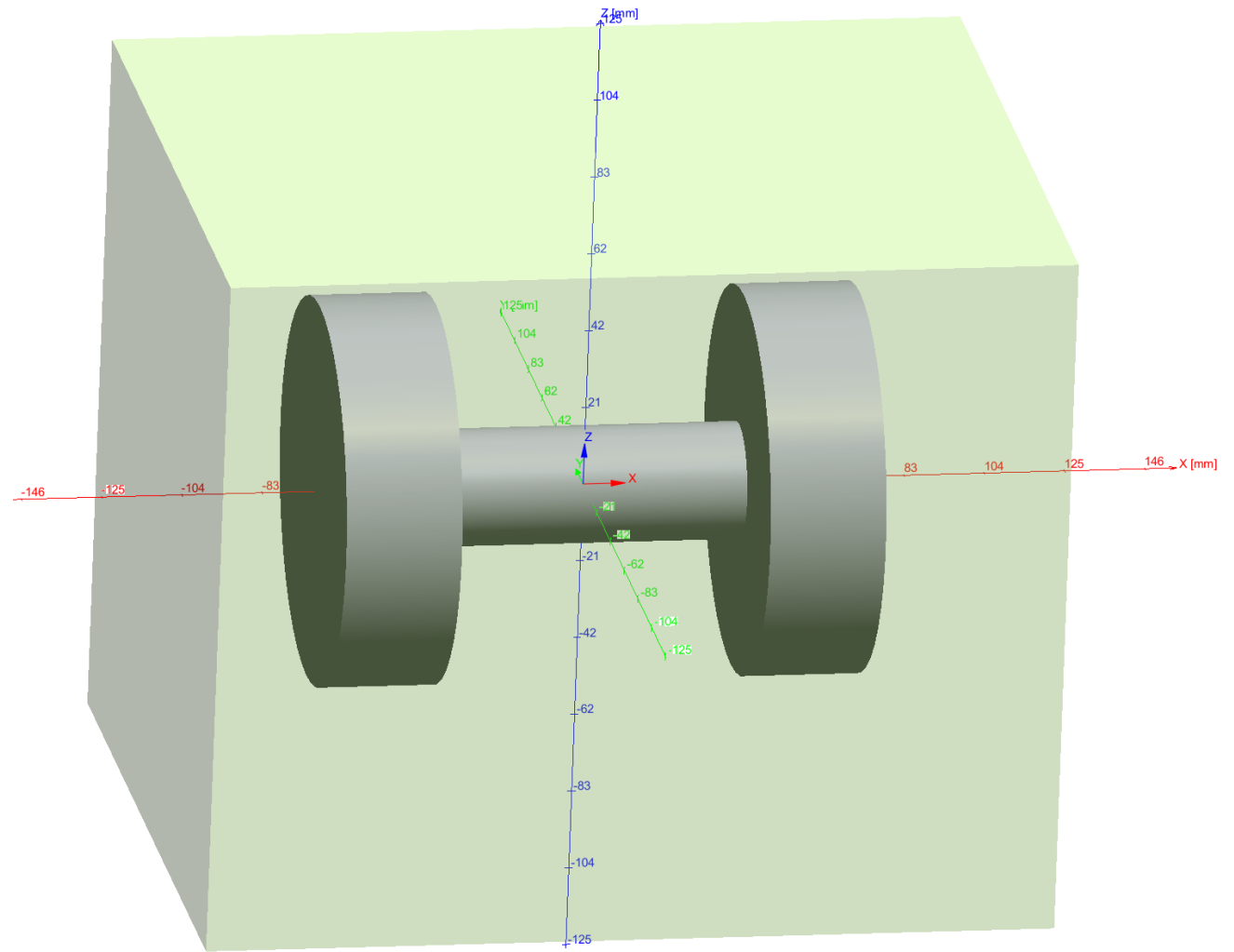
# Dumbbell

---

- Sand casting
- Investigate potential problems

# Solidification

- Heat transfer
- Point of last solidification?



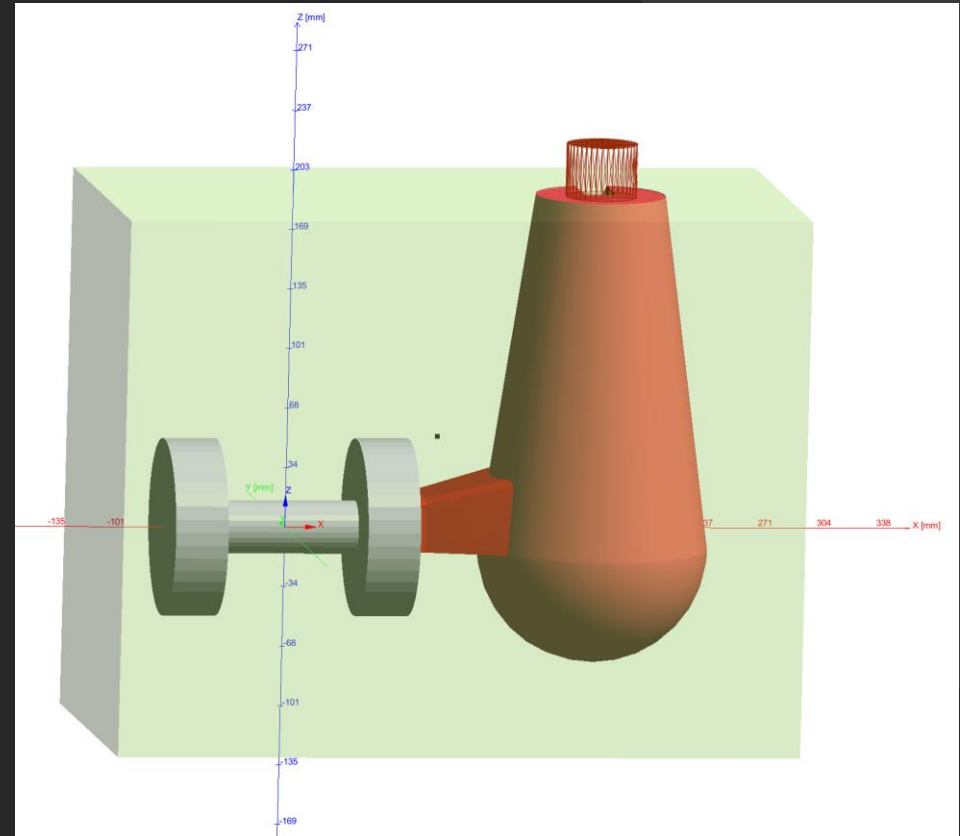


# Feeders

- Retain heat
  - Insulated
  - Exothermic
- Feed of liquid metal
  - Compensate solidification shrinkage
  - Change last point of solidification

# Feeder

- What is a reasonable size of a feeder?
- How to design it?



# Chill plates

---



## Feeder and chill plate

- How will heat transfer change?
- How much do we want it to change?
- How does it affect the cast component?

