PMT 330 Week 4 Questions

Name:

1. Why is the RPM of a Ball Nose tool changed?
2. Why is there an axial chip thinning factor?
3. What is a Feed Correction Factor?
4. Find the calculations for a ball nose endmill given the following parameters :
   1. **-3/4” Dia, 2 Flute Ball EM**
   2. **-CS-1000**
   3. **IPT-.008**
   4. **-Radial DOC-.025**
   5. **-Axial DOC- .0625**

What is the initial RPM?

What is the initial IPM?

What is the adjusted RPM for the effective cutting diameter?

What is the axial chip thinning factor?

What is the radial chip thinning factor?

What is the Feed Correction Factor?

What is the new calculated federate?