

All images are from Callister and Rethwisch, Materials Science and Engineering, An Introduction, Wiley, 2010, Chapter 7.

Images are of 33% cold worked commercially pure copper, followed by annealing. All are at the same magnification.

- a) Cold worked (33%)
- b) Initial stage of recrystallization (3 seconds at 580°C, 1075°F)
- c) Partial replacement of cold-worked grains by crystallized ones (4 seconds at 580°C, 1075°F)
- d) Complete recrystallization (8 seconds at 580°C, 1075°F)
- e) Grain growth after 15 minutes at 580°C, 1075°F
- f) Grain growth after 10 minutes at 700°C, 1290°F



