

# Process Tolerances

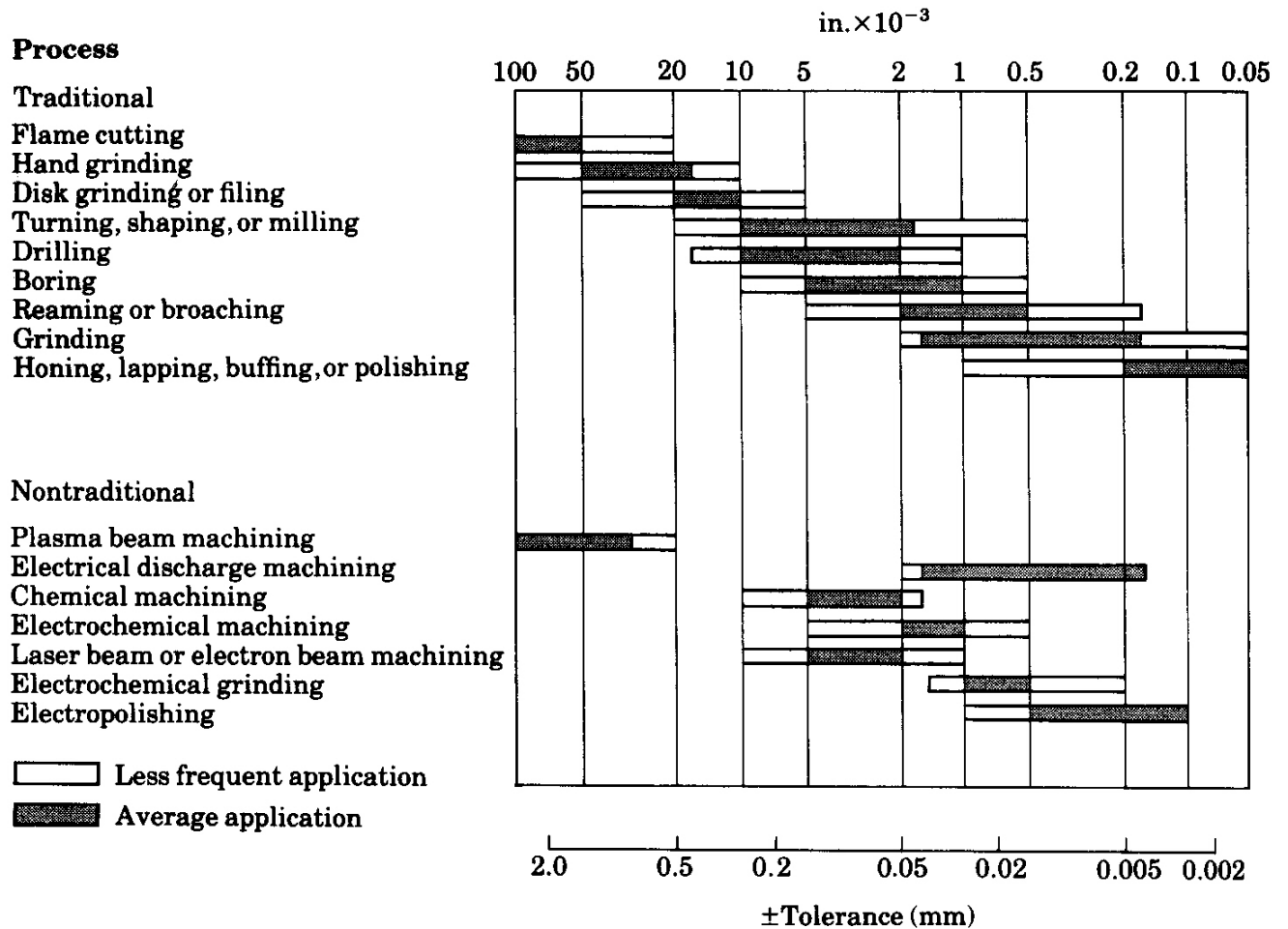


FIGURE 15.5 Tolerances produced by various processes.

## Process Tolerance vs. Feature Size

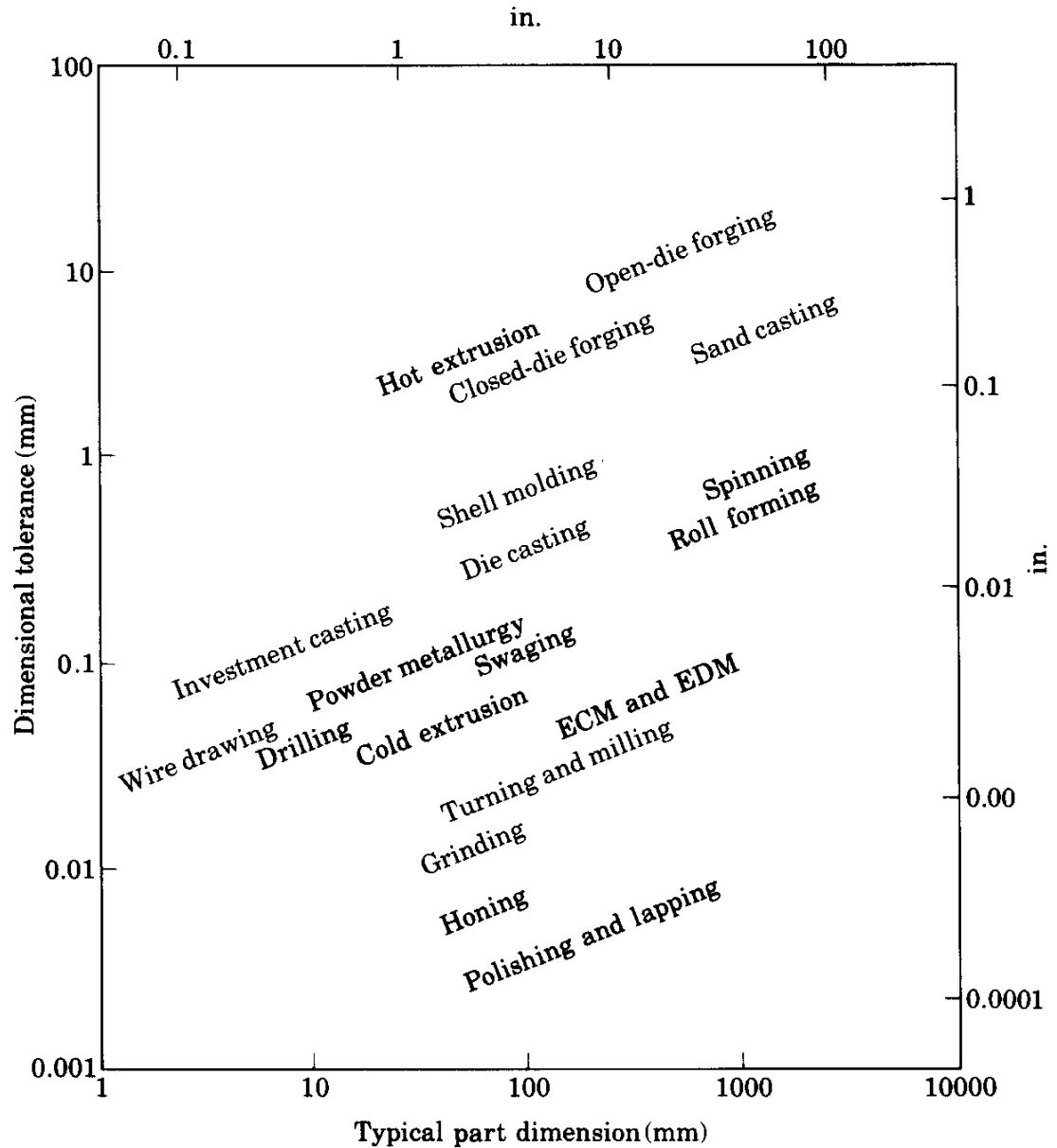


FIGURE 15.6

Tolerances as a function of component size for various manufacturing processes. Note that, because many factors are involved, there is a broad range for tolerances.

## Surface Finish vs. Production Time

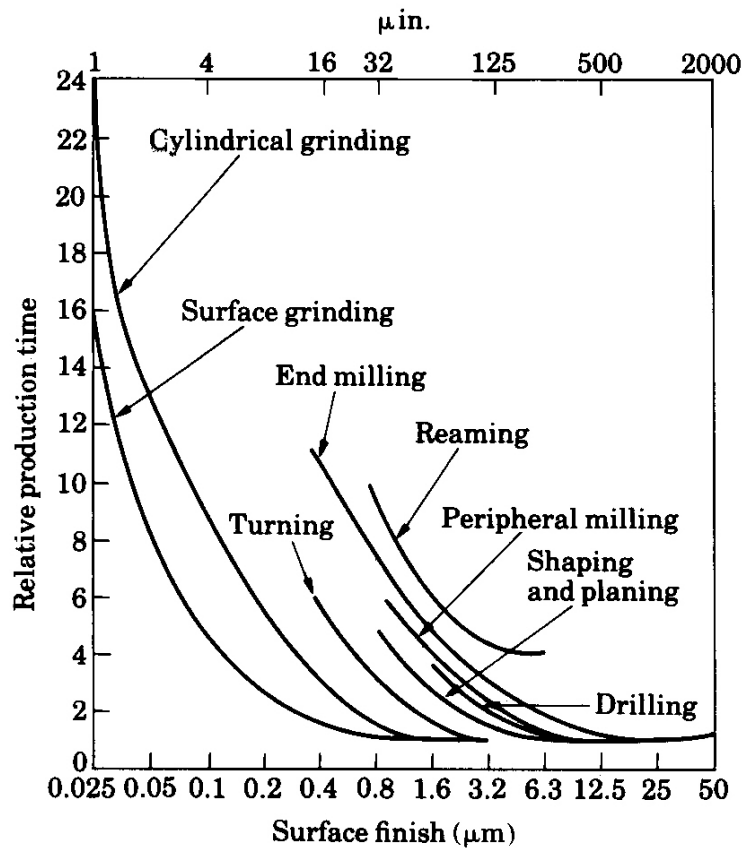
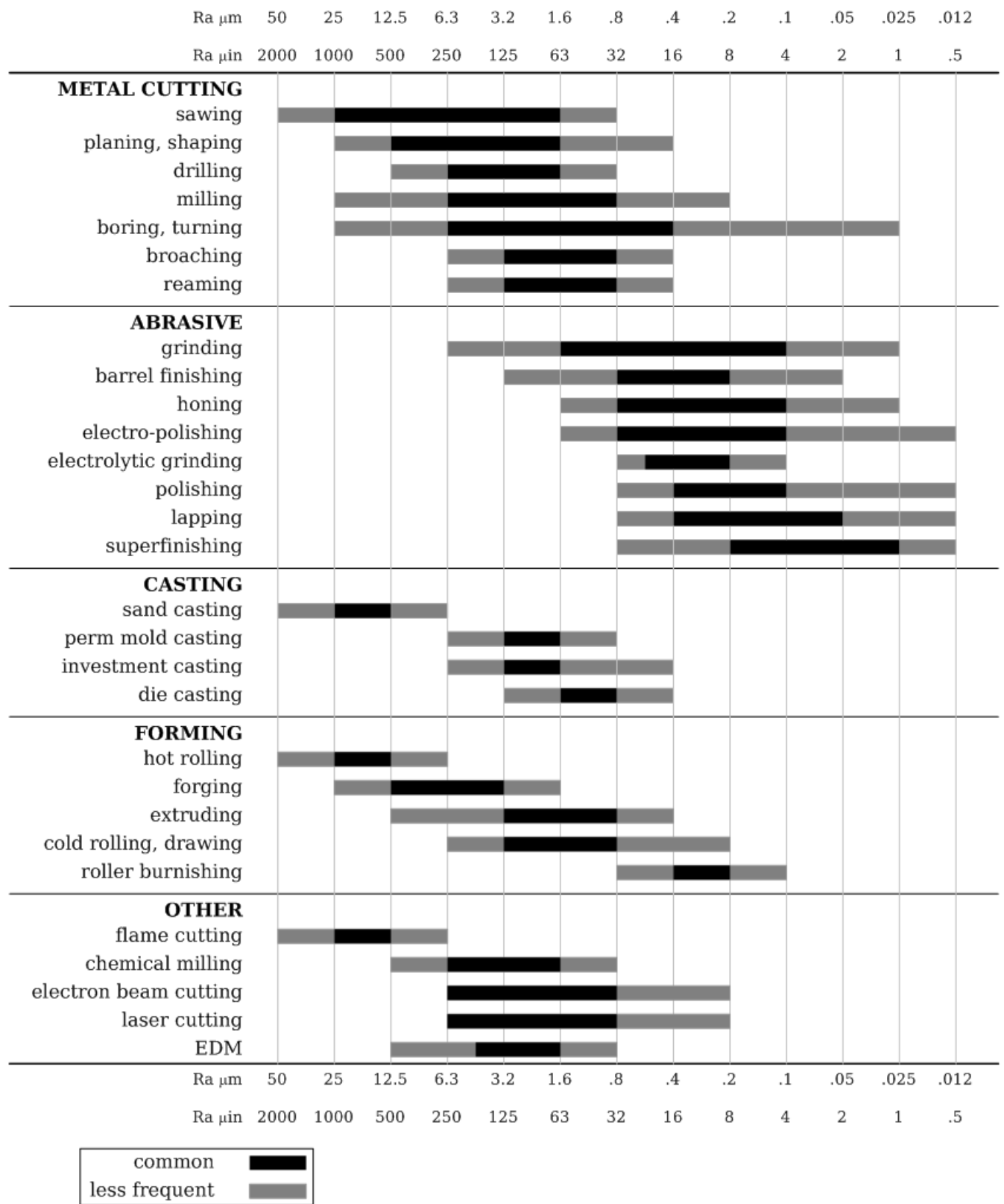


FIGURE 15.8

Relative production time as a function of surface finish produced by various manufacturing methods.  
Source: *American Machinist*.



**FIGURE 15.10. Surface finish produced by various processes. (Source: Wikipedia)**