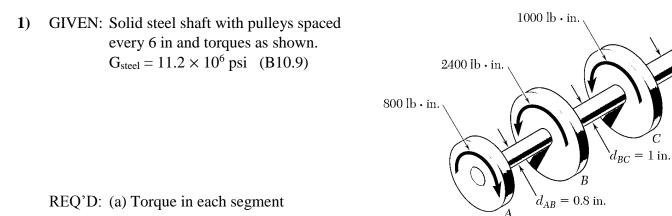
Name:

 $d_{CD} = 1.2$ in.

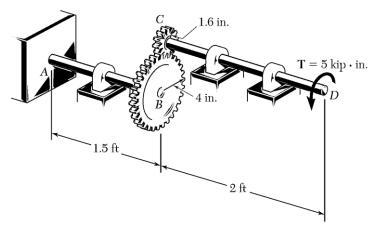
C



(b) Maximum shear stress in shaft. In which segment does it occur?

(c) The angle of twist at end A of the shaft. Indicate direction of twist.

2) GIVEN: \emptyset 2.0in solid steel shafts and gears as shown. G_{steel} = 11.2×10^6 psi



REQ'D: (a) Torque in each segment.

(c) Max shear stress in shafts.

(b) Angle and direction of twist at points B and D.