Example 2.1.5

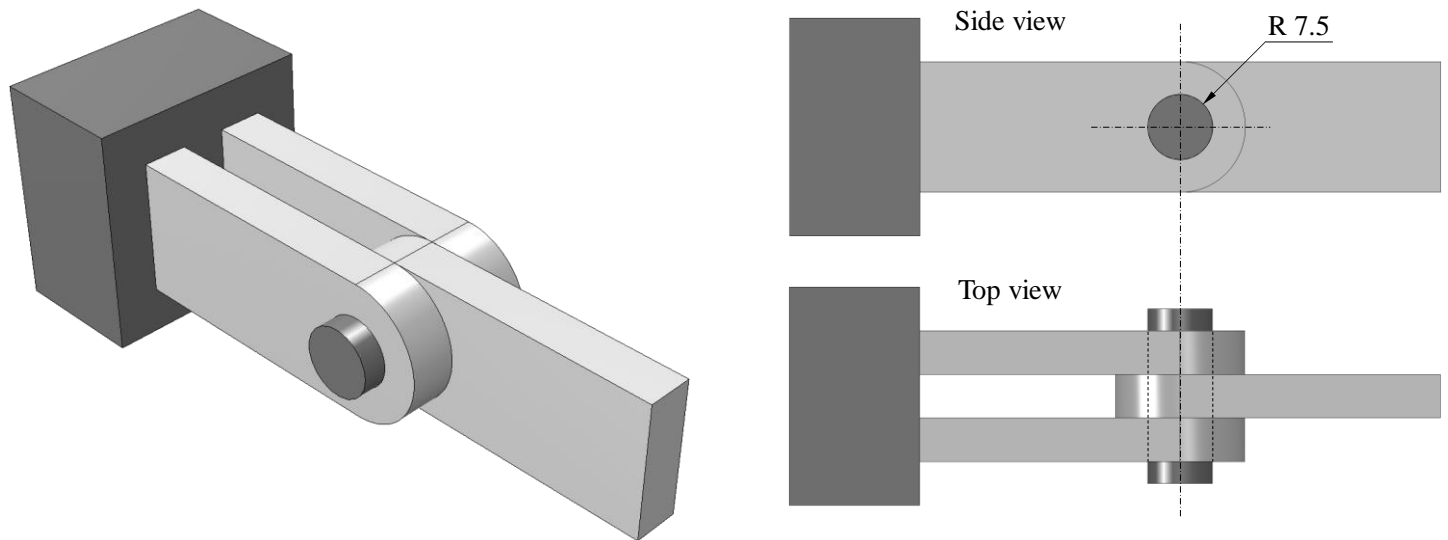Figure 1 shows a double-lug joint which is loaded in tension by 3 kN. The pin is a perfect cylinder of radius 7.5 mm. Calculate the shear stress in the pin.

Figure 1: A double-lug joint (dimensions in mm).