1.6 Shearing Stress

Resultant Loads

\[ \tau_{\text{ave}} = \frac{V}{A} = \frac{P}{2A} \]

1.7 Bearing Stress

Bearing surface:
Stresses on Surface of contact are complicated
Instead we use Average Normal Stress called Bearing stress,

\[ \sigma_b = \frac{P}{A} = \frac{P}{td} \]