

$$F_{NW} A_{WE} = F_{NBR} A_{BR}$$

$$\phi 0.6 F_{EXX} \left( \frac{\sqrt{2}}{2} \right) \left( \frac{D}{16} \right) (L) = \phi 0.6 F_y (t_p) (L)$$

$$t_p = \frac{0.75 (0.6) F_{EXX} \left( \frac{\sqrt{2}}{2} \right) \left( \frac{D}{16} \right) (L)}{0.6 F_y (L)}$$