C2: Practice Problems

Q1: Calculate the strength of the fillet weld connection, $\varphi R_n$ (Kips)

Q2: Calculate the strength of the fillet weld connection, $\varphi R_n$ (Kips)
Q3: Calculate the strength of the fillet weld connection, $\varphi R_n$ (Kips)
Q4: Calculate the strength of the fillet weld connection, $\phi R_n$ (Kips)
(Use AISC Steel Manual, Formulas J2-10a and J2-10b)