

Answers 8.91: 1:

a) $u_{x;roller} = 27mm \leftarrow$

b) $u_{x;joint} = 20.25mm \leftarrow$

Answers 8.91: 2:

a) $u_{x;roller} = 50mm \rightarrow$

b) $u_{x;joint} = 25mm \leftarrow$

$$u_{y;joint} = 33\frac{1}{3}mm \downarrow$$