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A/16 
$$(J_A)_{triangle} = \frac{1}{2}(J_A)_{rectangle}$$

$$= \frac{1}{2}\left[\frac{1}{12}A(b^2+h^2)\right]_{prob.} from Somple Prob. A/1$$

$$= \frac{1}{24}(30)(40)(50^2+40^2) = 12.5(10^4)_{mm}$$

$$= \frac{1}{24}(30)(40)(50^2+40^2) = 12.5(10^4)_{mm}$$
So  $K_A = \sqrt{\frac{12.5(10^4)}{30(40)(2)}} = \sqrt{208.4} = 14.43 \text{ mm}$ 

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