Remarks: See §3.2.3 pages 100 till 101

Answer:

$I_p = 2,96 \times 10^6 \text{ mm}^4$

Explanation:

Dimensions in mm:

$$I_{yy} = \left\{\tfrac{1}{12} \times 80 \times 60^3\right\} - \left\{\tfrac{1}{12} \times 60 \times 40^3\right\} = 1,12 \times 10^6 \text{ mm}^4$$

$$I_{zz} = \left\{\tfrac{1}{12} \times 60 \times 80^3\right\} - \left\{\tfrac{1}{12} \times 40 \times 60^3\right\} = 1,84 \times 10^6 \text{ mm}^4$$

$$I_p = I_{yy} + I_{zz} = 2,96 \times 10^6 \text{ mm}^4$$