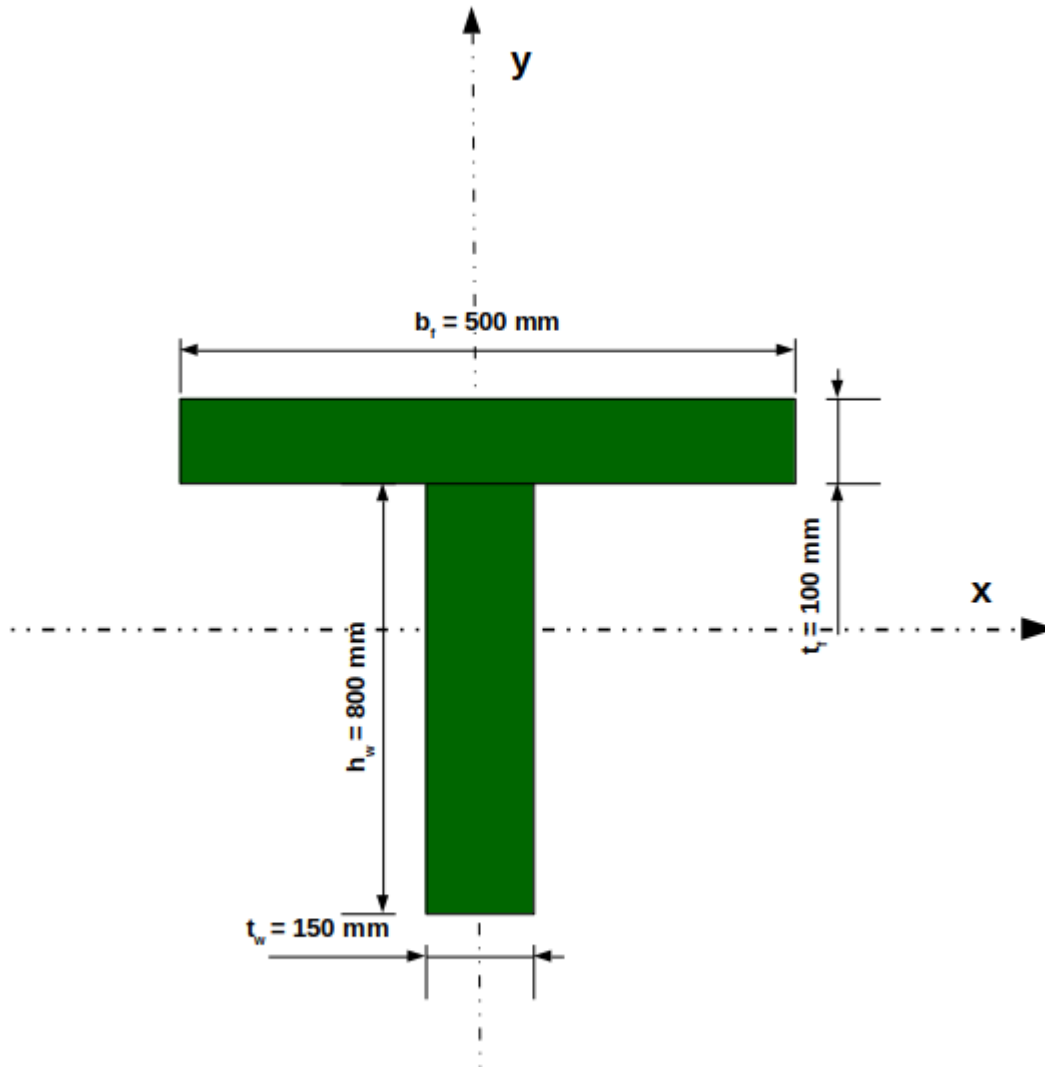




DTY Tutoring, inc.  
Email: [dyttutoring@gmail.com](mailto:dyttutoring@gmail.com)  
Website: [www.dyttutoring.com](http://www.dyttutoring.com)

Date: 5<sup>th</sup> December 2018

Compute the moment of inertia about the centroid ( $I_x$ ) for the T-shape section given below.



Copyright © 2018  
DTY Tutoring, inc.  
All rights reserved.

**Answers (refer to solutions for detail)**

$$\rightarrow I_x = 1.359 \times 10^{10} \text{ mm}^4$$