

CRACOW UNIVERSITY OF TECHNOLOGY

Chair of Bridge, Metal and Timber Structures
31-155 KRAKÓW ul. Warszawska 24, tel. 12 628-20-33

LABORATORY EXERCISES # 1

Student.....

Topic:

1. Using a ruler, thickness gauge and ultrasonic thickness gauge, identify the profile of plate girder with corrugated web.

2. Using a ruler, thickness gauge and ultrasonic thickness gauge, identify the profile used for supporting node of truss.

3. Calculate geometrical characteristics for cross-section as follow:

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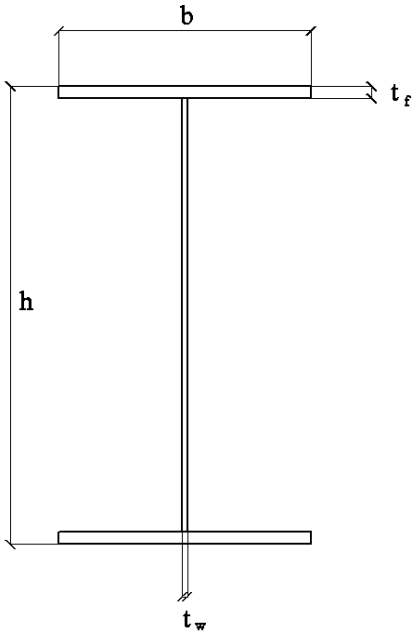
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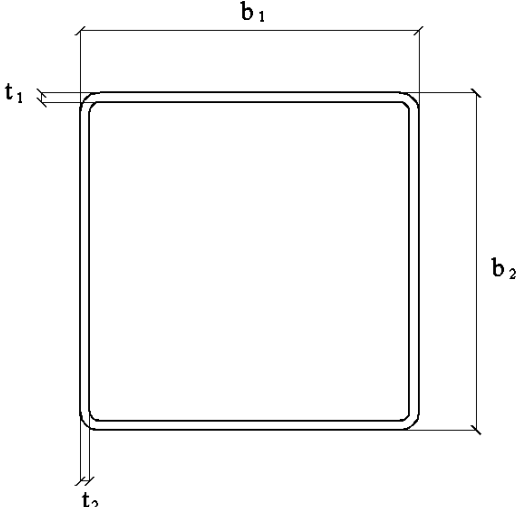
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Shape

Draw it at scale 1:10

Grade, date

	Describe	Symbol	Value [mm]	Average value [mm]
	Ruler	h		
	Ruled	b		
	Thickness gauge	t_f		
	Thickness gauge	t_w		
	Ultrasonic thickness gauge			

	Describe	Symbol	Value [mm]	Average value [mm]
	Ruler	b_1		
	Ruled	b_2		
	Thickness gauge	t_1		
	Thickness gauge	t_2		
	Ultrasonic thickness gauge			