

[Remarks:](#) See §3.2.2, pages 98 till 100

See §3.2.4, example 7, pages 114 till 115

[Answers:](#)

3.22-1. $I_{zz} = 600 \times 10^6 \text{ mm}^4$

3.22-2. $I_{zz} = 15,1 \times 10^9 \text{ mm}^4$

3.22-3. $I_{zz} = 1,36 \times 10^6 \text{ mm}^4$

3.22-4. $I_{zz} = 963 \times 10^3 \text{ mm}^4$

[Explanation:](#)

Distance a from the location of the normal centre (NC) to the top-edge of the T-beam:

3.22-1. $a = 100 \text{ mm}$

3.22-2. $a = 271,43 \text{ mm}$

3.22-3. $a = 30 \text{ mm}$

3.22-4. $a = 24,29 \text{ mm}$