

ANTHROPOMETRIC DATA - ERGONOMIC HANDLE

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On behalf of The World Association of Technology Teachers

W.A.T.T.



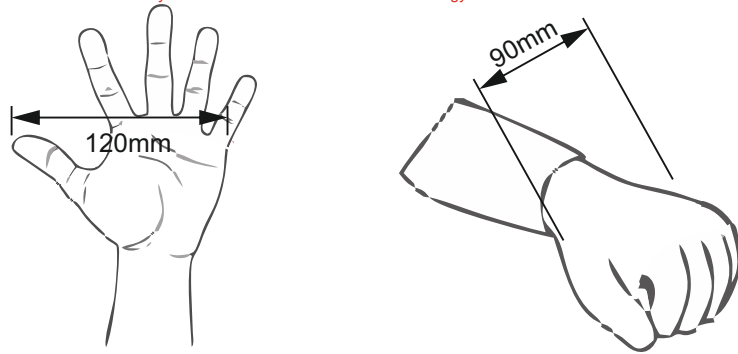
World Association of Technology Teachers

This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

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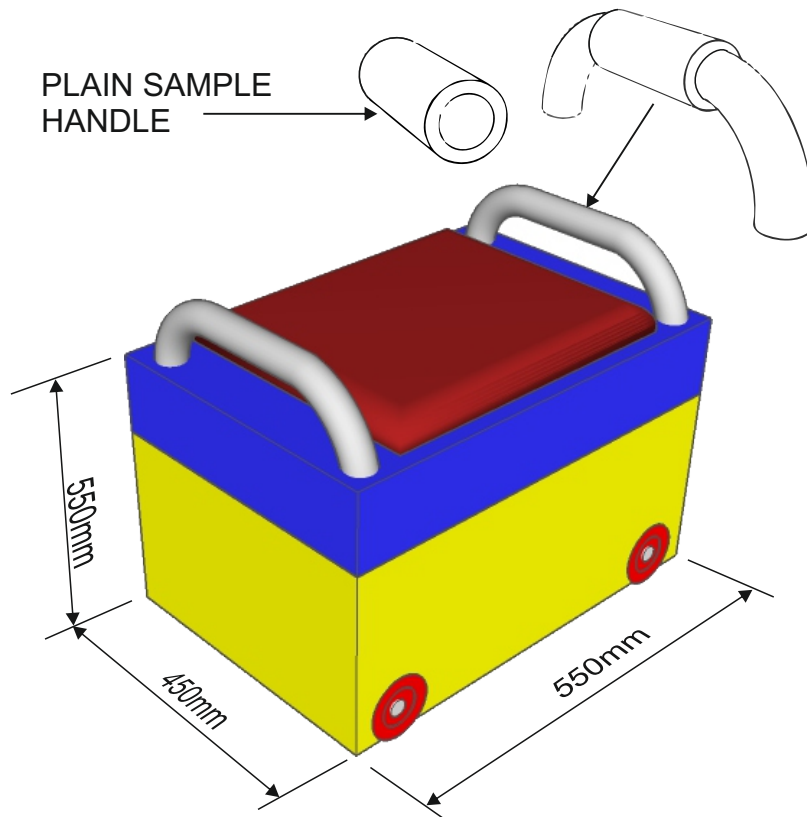
ANTHROPOMETRIC DATA

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The storage unit seen below, is for storing equipment and other items, used when 'playing' computer games. You are to design ONE of a pair of ergonomically shaped 'foam' handles, that will slide onto the steel tube handles during manufacture. They will make lifting and moving the storage unit more comfortable.

A simple plain foam handle has been sketched. The sketch shows the overall position and size of the 'ergonomic' handle, you are to design.



HANDLE DESIGN

1. In the space below, develop a design for the ergonomic handle. Do not sketch the entire storage unit - only the steel tube and your handle design.

Add dimensions / measurements

Add notes to explain your design, specifically referring to the use of anthropometric data.

2. What is meant by the term anthropometric data?

3. What is meant by the term ergonomics?