

## Shelter Tool, Handsaw for Timber

### Overview

#### Specifications

Item code	4000000056
Unit weight	N/A

### Description

#### Handsaw for Timber

<b>Type and dimensions</b>	Carpenter handsaw, 400-450mm blade, lacquered, overall length 550mm +/-50mm.
<b>Blade thickness</b>	1mm +/- 0.05mm, protected against oxidation.
<b>Blade protection</b>	Protective cardboard, teeth protection with hard, plastic cover.
<b>Seal type</b>	Laminated carbon steel, hardened and tempered.
<b>Number of teeth</b>	7-teeth per inch.
<b>Quality of make</b>	Soft edges but no dents, cracks or broken teeth.
<b>Hardness Rockwell C</b>	45 to 50 HRC for the whole blade, 48 to 52 HRC at teeth level.
<b>Carbon content</b>	0.47% to 0.55%
<b>Manganese content</b>	0.5% to 0.8%
<b>Handle</b>	Wooden dismountable handle, minimum 3 fixations, polished varnish hardwood, large 85x35mm opening for hand comfort when wearing gloves. Optional 45/90° square. Moisture minimum 10%, maximum 15%.
<b>Strength testing</b>	With the blade inserted into a 10mm-wide slot to a depth equal to 1/3 the blade's length, but not exceeding 150 mm, a deflection of 90° is applied 25 times in each direction without breakage or permanent set to the blade.

### Other Entries in this Topic

- [Emergency Relief Items Catalogue](#)

## Contacts

For further information, contact [sheltersupport@iom.int](mailto:sheltersupport@iom.int).

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