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WOODEN BOAT FITTINGS

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CONRAD BLOCKS

PRODUCT INFORMATION

Conrad blocks are made from quality Australian materials –

- Shells – seasoned jarrah, finished in traditional spar varnish or oil
- Straps – 316 (marine grade) stainless steel
- Axles, bushes, and roller bearings – 316 stainless steel
- Sheaves – phosphor bronze

The sheave size recommended for these blocks is dependent on the size of the line –

- 38 mm (1½") sheave – suits line up to 10 mm (3/8") dia.
- 50 mm (2") sheave – suits line up to 14 mm (1/2") dia.
- 75 mm (3") sheave – suits line up to 20 mm (3/4") dia.
- 100 mm (4") sheave – suits line up to 25 mm (1") dia.

Sheave profiles can be cut to suit different rope materials and structures –
eg 'V' profile for wire rope, flattened for kevlar, etc.

Conrad internally-strapped blocks have superior load bearing capabilities.
A NATA certified test of two single-purchase blocks yielded these results –

- 50 mm block – ultimate load 44.5 kN before destruction, typical SWL in the range of 1 tonne
- 100 mm block – ultimate load 70.5 kN before destruction, typical SWL over 2 tonnes

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Horn cleats	Jam cleats	Thumb cleats	Thimbles	Masthoops
Beeblocks	Belaying pins	Blocks	Deadeyes	Bullseyes
Saddles	Fairleads	Toggles	Pennant staffs	Jackstaffs

SERVICING

Conrad blocks are fully user-serviceable.

The first step in dismantling the block is to remove the end plates and expose the sheave pin. If the end plates are a little reluctant to let go, the shank of a close-fitting drill bit can be used in one of the screw-holes to prise them out.

Push the sheave pin out while holding the block in the palm of the hand to prevent the sheave from falling out of the shell. (With any block, if one end of the pin is square, push from the other end.)

Carefully remove the sheave, noting the arrangement of the washers and rollers.

Note which end of the shell is the top. (The sheave pin is below the centre of the shell.) Then grasp the shell with one hand and the strap with the other. Pull firmly in opposite directions to remove the strap.

Clean all parts thoroughly. Examine components for wear.

Conrad blocks as supplied are lightly greased with Lubrication Engineers Almaplex 1275 grease. After cleaning, a light smear of this or a similar water-proof grease is recommended.

When reassembling, push the strap into the shell from the top until the holes in the strap and the shell line up. Assemble the rollers and washers in the sheave, and holding this assembly between the thumb and fore finger, slip the sheave into the shell.

Gently work the sheave pin through the hole in the shell so that it passes through the washers, rollers, and straps.

Grasp the shell in one hand and the strap in the other and pull them in opposite directions firmly. This locks the sheave pin in place and makes sure the sheave is clear at the bottom of the block.

Refasten the sheave-pin end caps.

Note that this method can be used to mount the blocks direct to deck hardware, spliced eyes, thimbles, etc, without the need for shackles.

DIMENSIONS

<i>Sheave size</i>	<i>Major axis</i>	<i>Minor axis</i>	<i>Throat width</i>	<i>Length, plain</i>	<i>Length, w/becket</i>	<i>Strap width</i>
38	70	50	13	80	100	12
50	95	75	19	125	150	20
75	135	94	26	170	210	25
100	170	120	26	210	250	25

All dimensions in millimetres

TRADITIONAL
WOODEN BOAT
FITTINGS