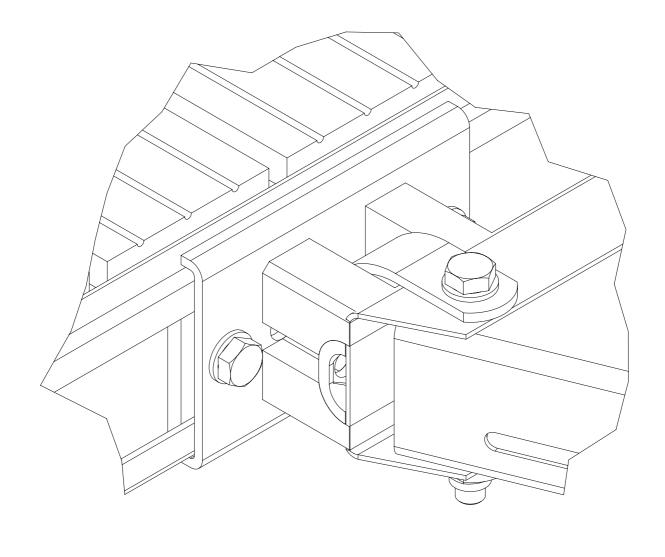


Finger

Assembly of coupling against pontoon

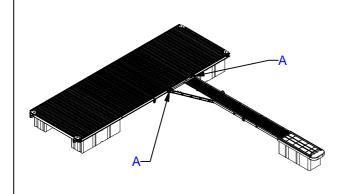


eference: T:\04 Marina\M-0531.idw

Date: 02.05.2006 Side no.: 1 of 3 This drawing are our property, and must not be copied, or be Doc. no.: 2030-20-101AE - Rev: A - Date: 21,09,2006 - Approved: JST made aviable for others, without our consent

Ørsta Marina Systems AS





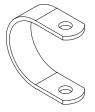
Necessary equipment:

Prestressing factor: M12 = 87 NmM20 = 412 Nm

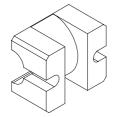


Spanner for M12 (M16)

- Do not tighten until defomation of any steel or plastic
- Do not put the steel construction directly at the ground to prevent damage at the surface.



Item 3 x 1 Bow



Item 4 x 1 Rubber hinge



Item 5 x 1 **Bracket**



Item 8 x 1 M16x140 - DIN 931 VZ



Item 9 x 2 M16x70 - DIN 933 VZ



Item 6 x 3 M16 - DIN 985 A4



Item 7 x 6 M16 - DIN 125 VZ



Item 10 x 2 M16x35 - DIN 933 VZ





Bracket

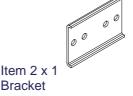




Item 1 x 1

Bracket

Bracket



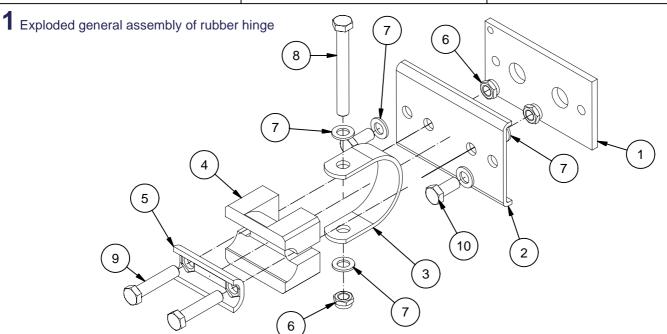
128x148 wood fender:

For pontoons with



Replace bout item 1 ant 2. Item 1 x 1 Bracket and Item 2 x 2 M12x180 DIN 931 VZ





T:\04 Marina\M-0531.idw 02.05.2006

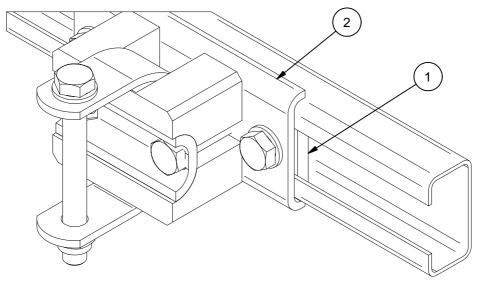
2 of 3

Side no.:

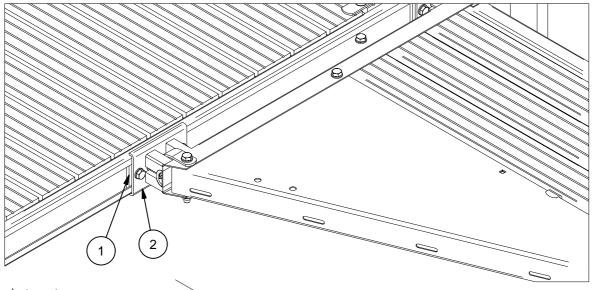
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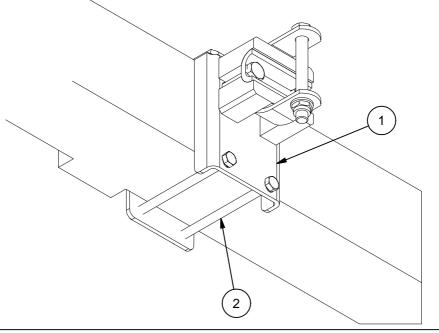




3 Installed at standard steel pontoon.



4 Installed at pontoon with wood fender.



Reference: T:\04 Marina\M-0531.idw

Date: 02.05.2006 Side no.: 3 of 3 Lost not be copied, or be Doc. no.: 2030-20-101AE - Rev. A - Date: 21.09.2006 - Approved: JST

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