

‘Het gevlucht’

Theorieavond Gilde van Molenaars

Jop Kluis

Inhoud

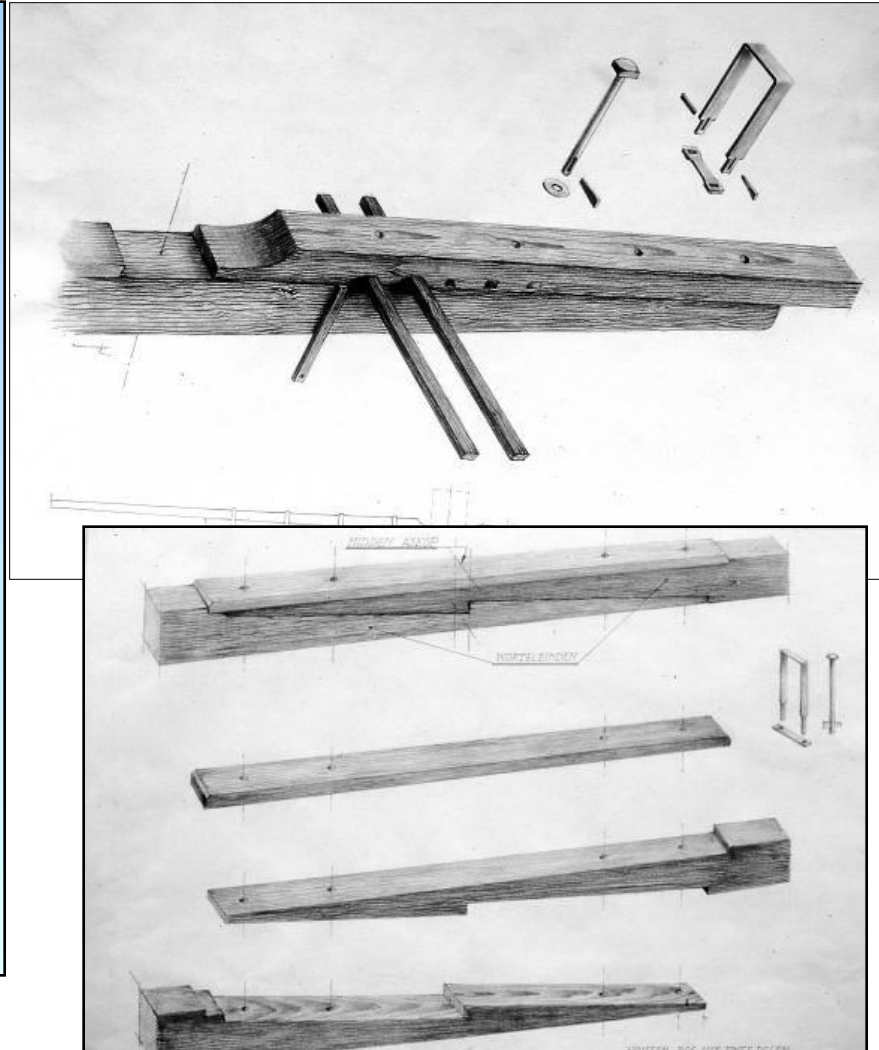
- Dwarsgetuigde wieken
- Roeden
- Oud-Hollands systeem
- Zeilen
- Wiekverbeteringen

Dwarsgetuigde wieken

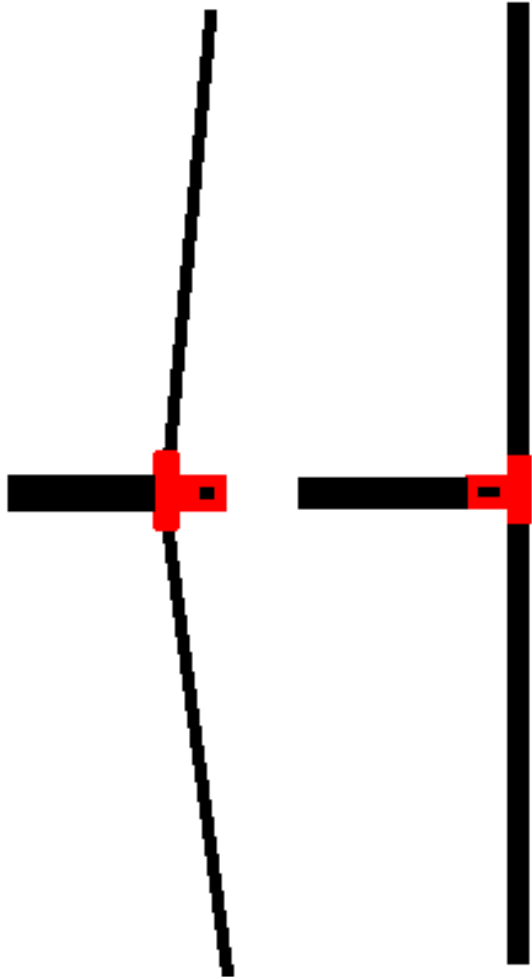


- Periode 1250-1600
- Zeilen aan twee kanten van de roede
- Zeilen aan beide kanten van roede even breed
- Nauwelijks zeeg

Borstroeden



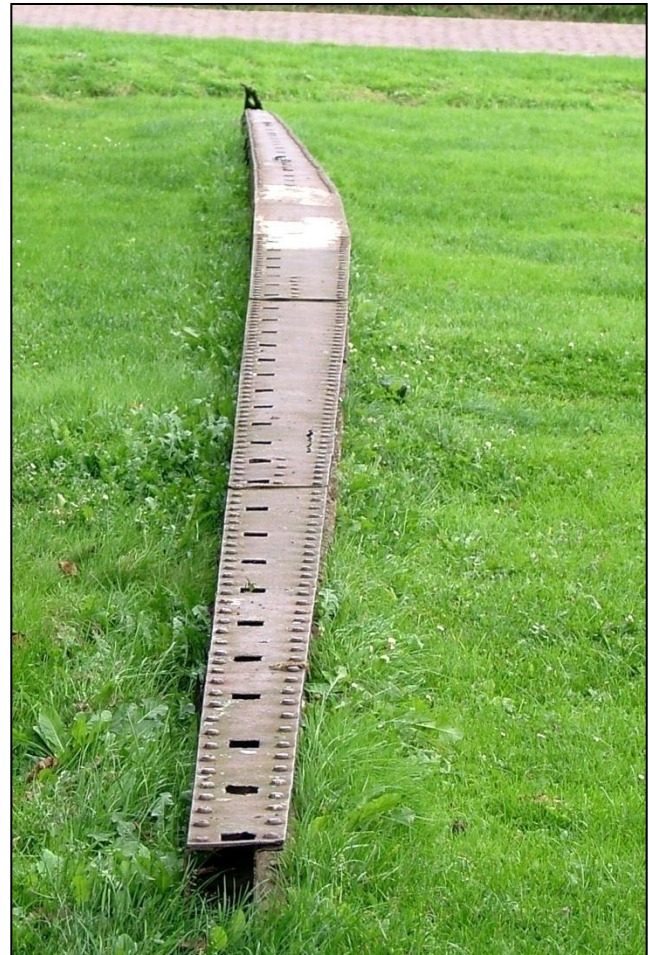
Roeden



- Binnenroede heeft 'porring'
- Binnen- en buitenroede draaien met uiteinden in zelfde loopvlak

Roeden

- Houten (borst)roeden
- Rond 1850 eerste geklonken metalen roeden
 - Pot roeden
 - Fransen roeden
- Vanaf 1945 gelaste roeden



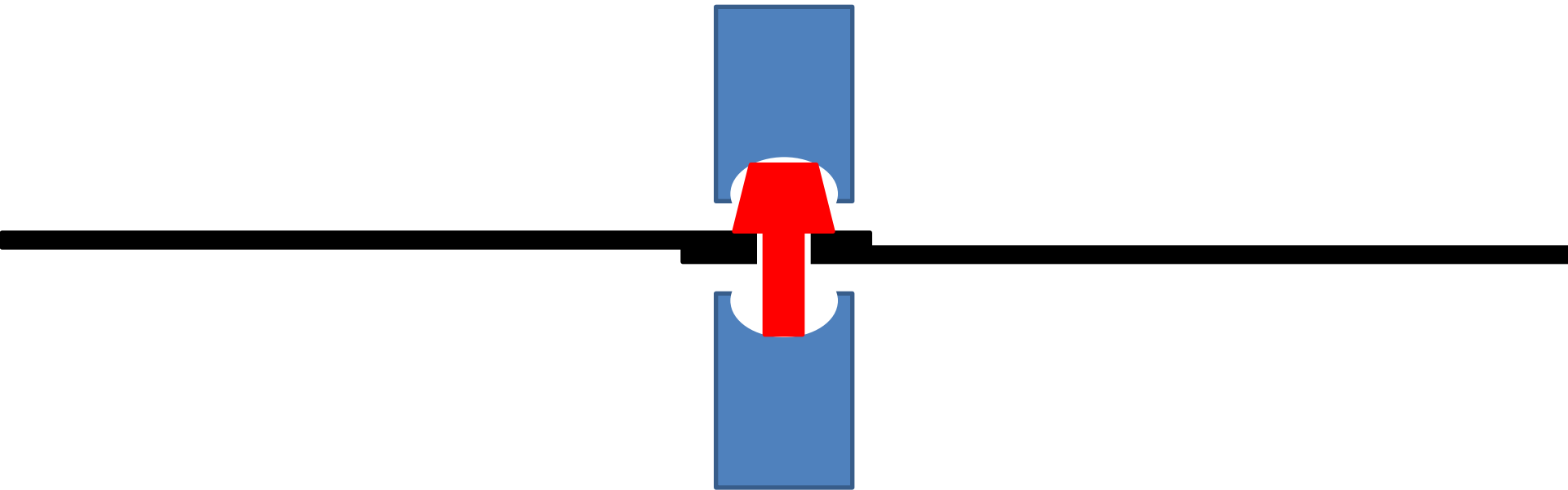
Klinken



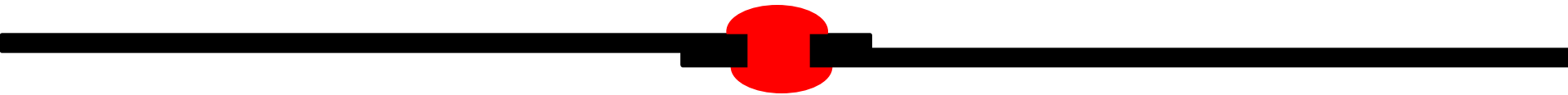
Klinken



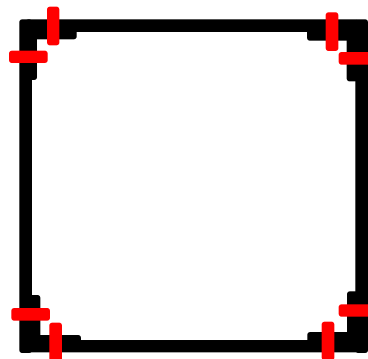
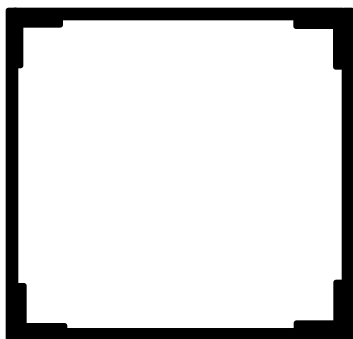
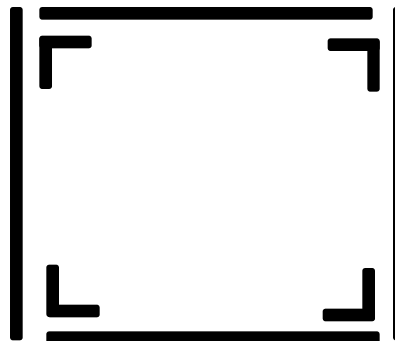
Klinknagelen



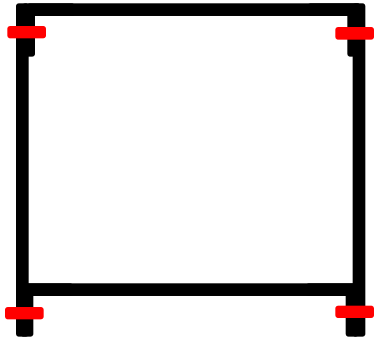
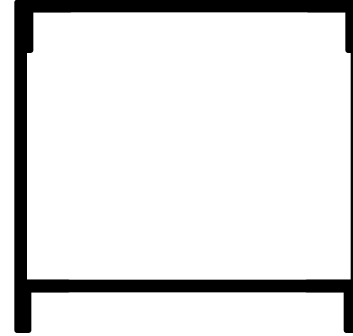
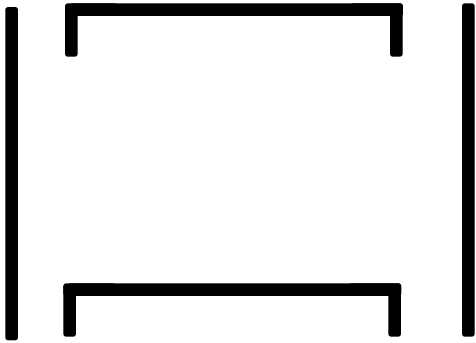
Klinknagelen



Pot roeden



Fransen roeden



Roeden

Pot roede



Fransen roede



Roeden



Bovenas



Bevestiging roeden

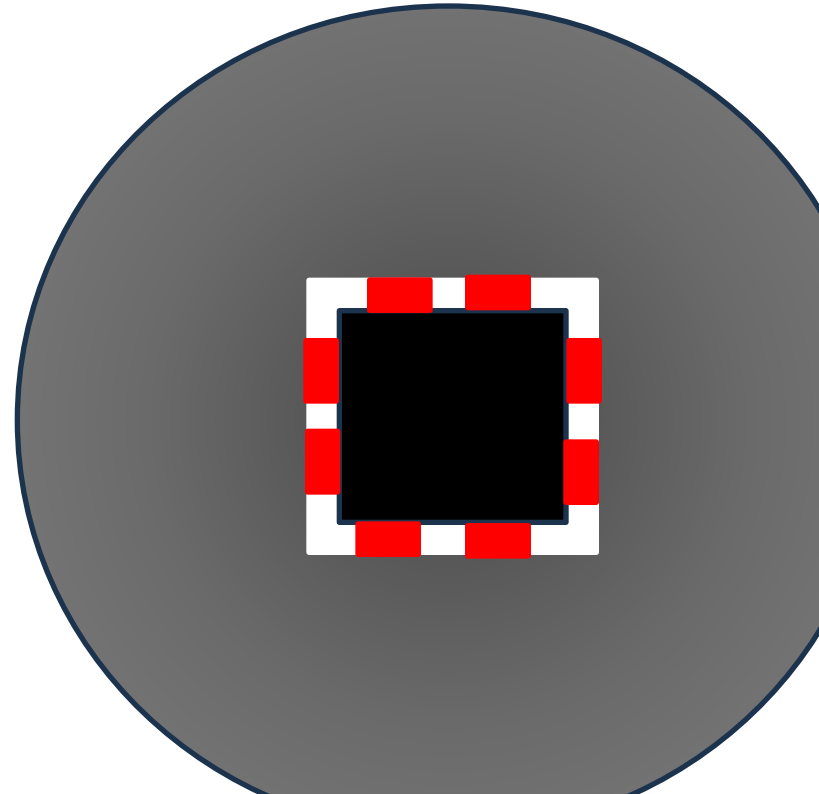
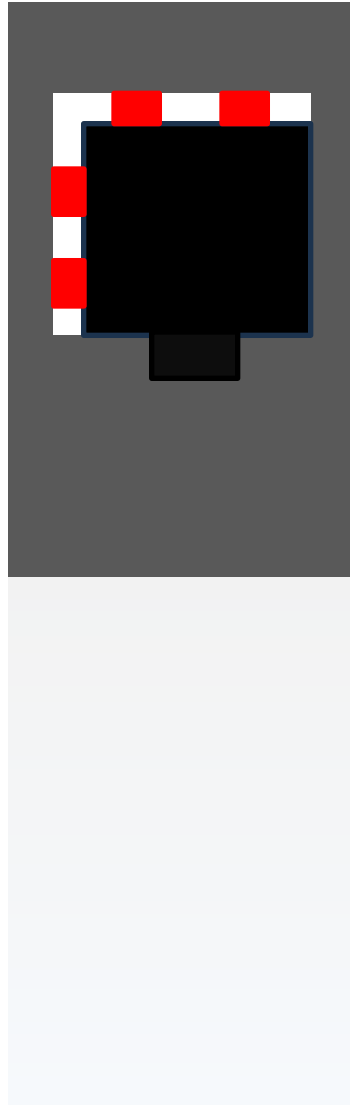
Roewiggen



Keerklossen



Bevestiging roeden



Bevestiging roeden

Roewiggen



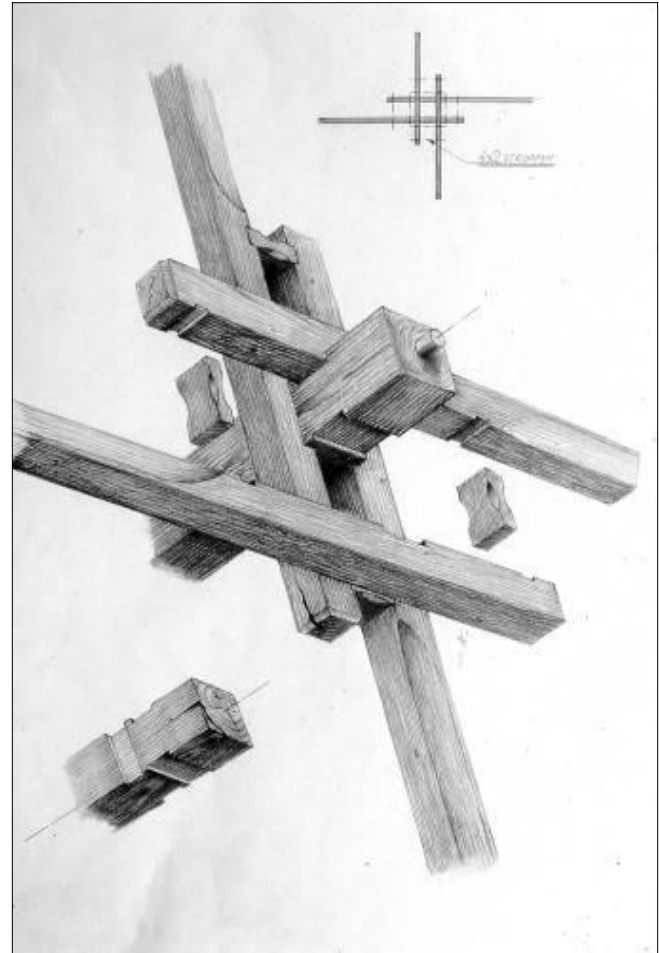
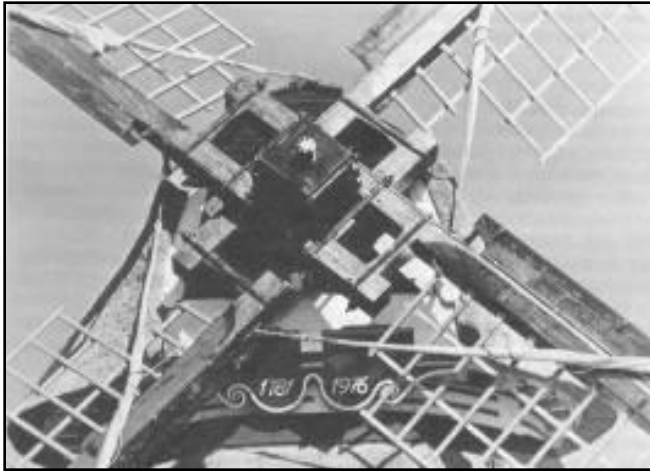
Keerklossen



Bliksemafleider



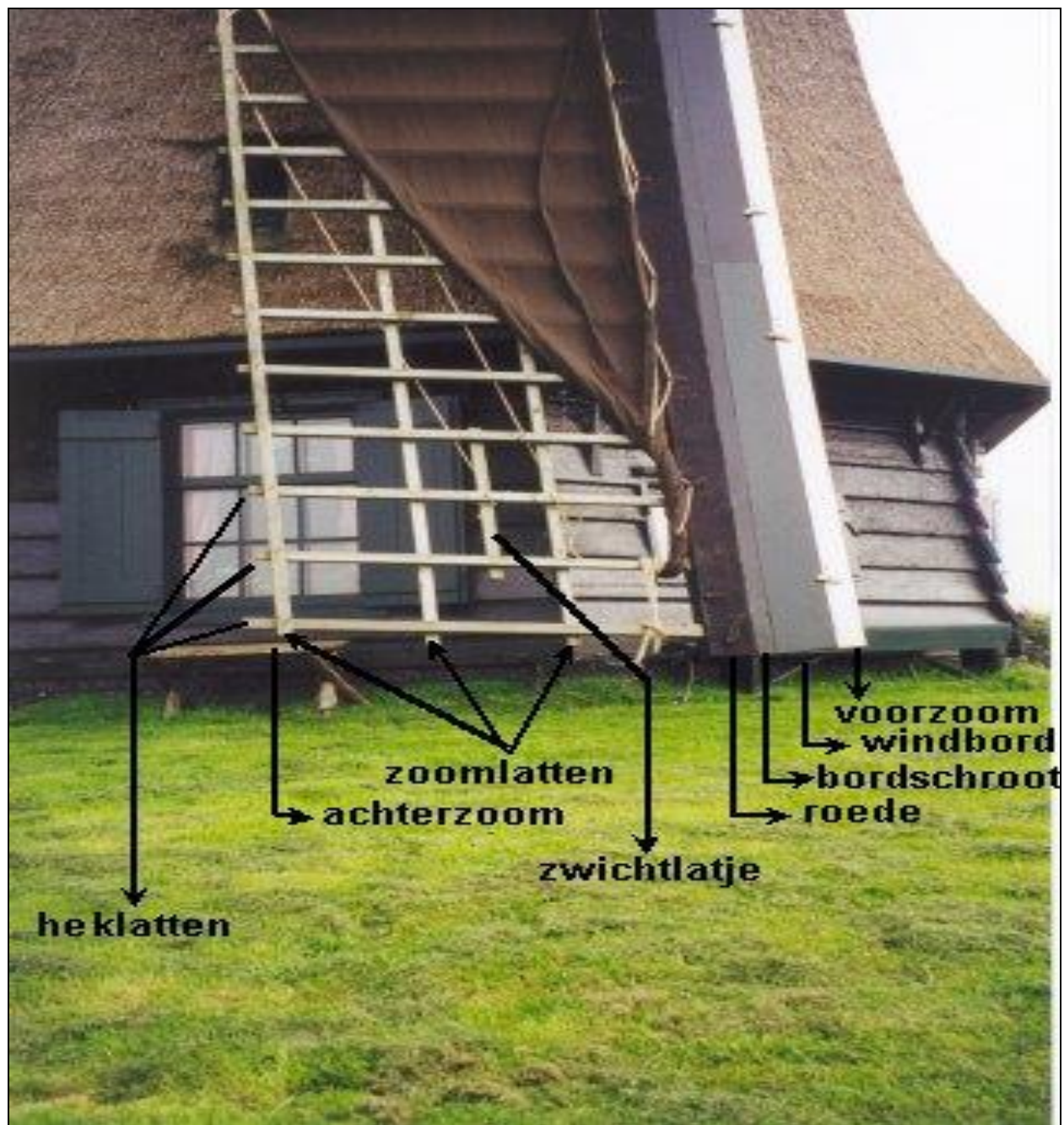
Haspelkruis



Oud-Hollands systeem



- Vanaf 1600
- Een kant zeil, andere kant houten borden
- Zeil-breedte groter dan bord-breedte
- Zeeg

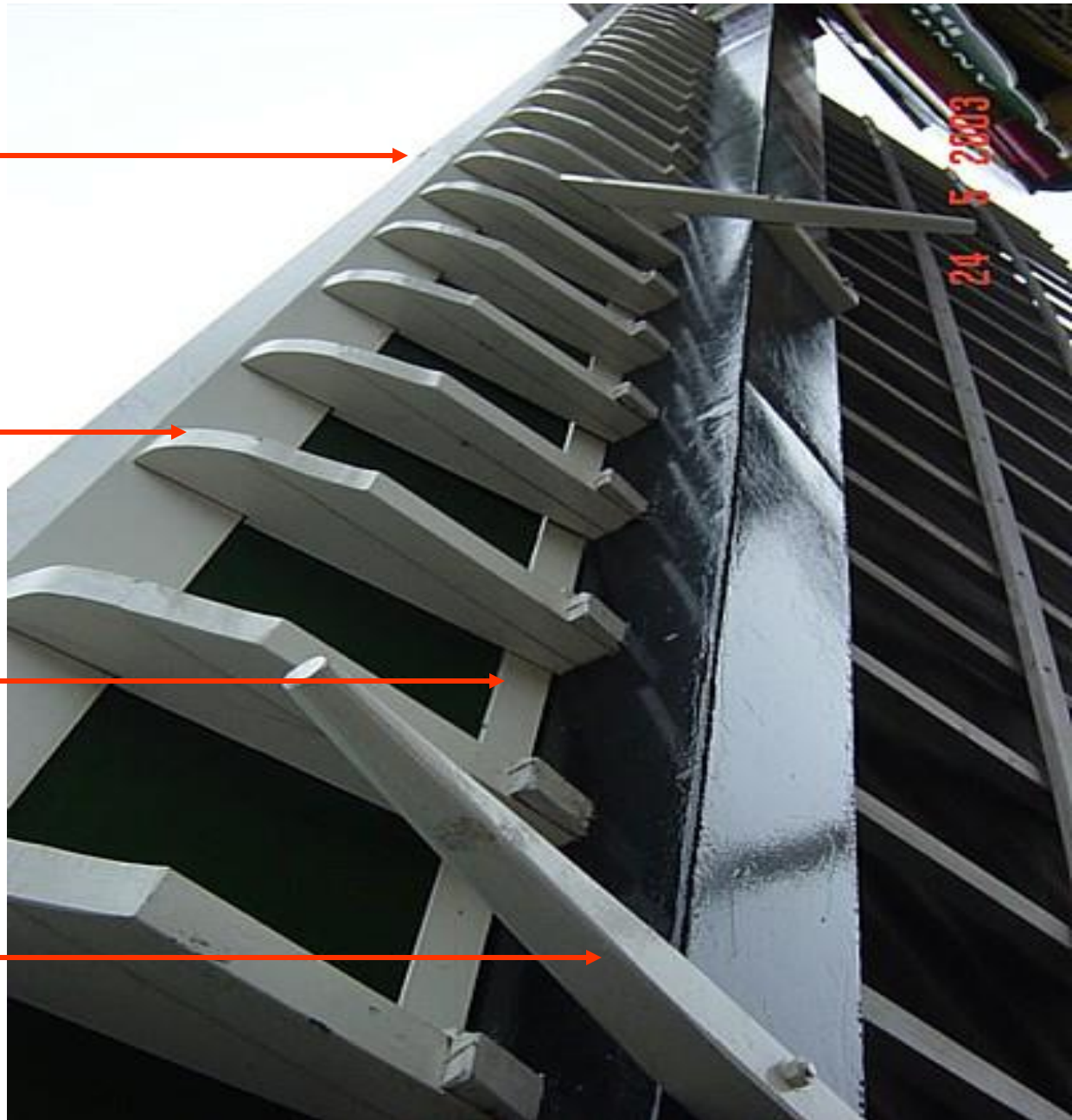


voorzoom

kluften

bordschroot

zeilklamp



Steekborden O-H systeem



MOLENZEIL

1. zeilarm

2. zeilketting of
lange halstouw

3. lange hals of bek

4. achterlijk

5. bokkenpoot of slijtstuk

6. zwichtlijnen

7. linker onderhoektouw

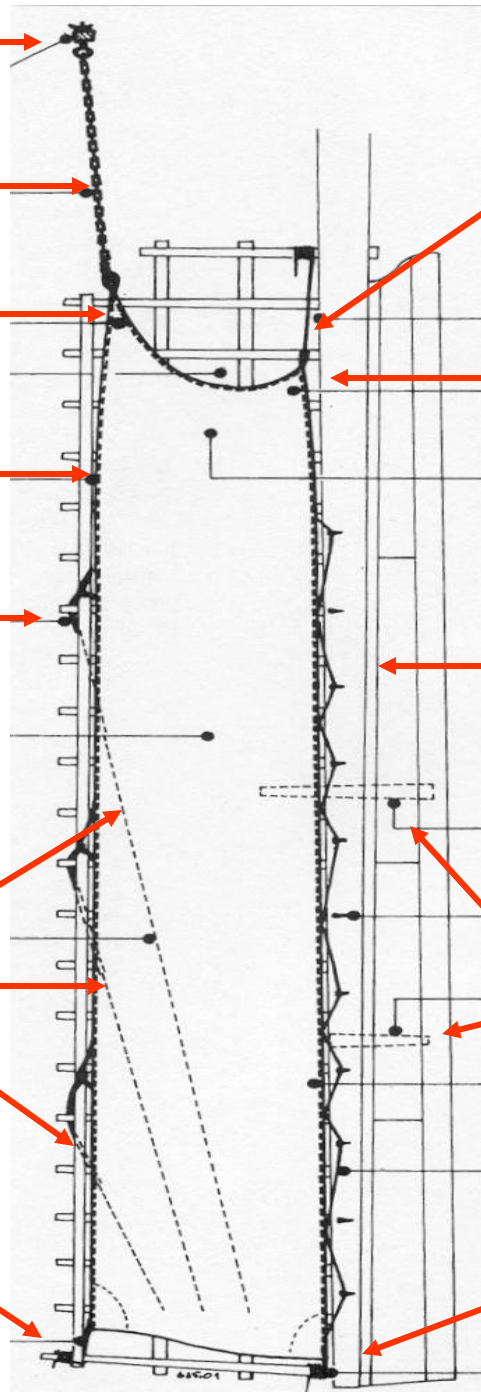
12. korte halstouw

11. korte hals

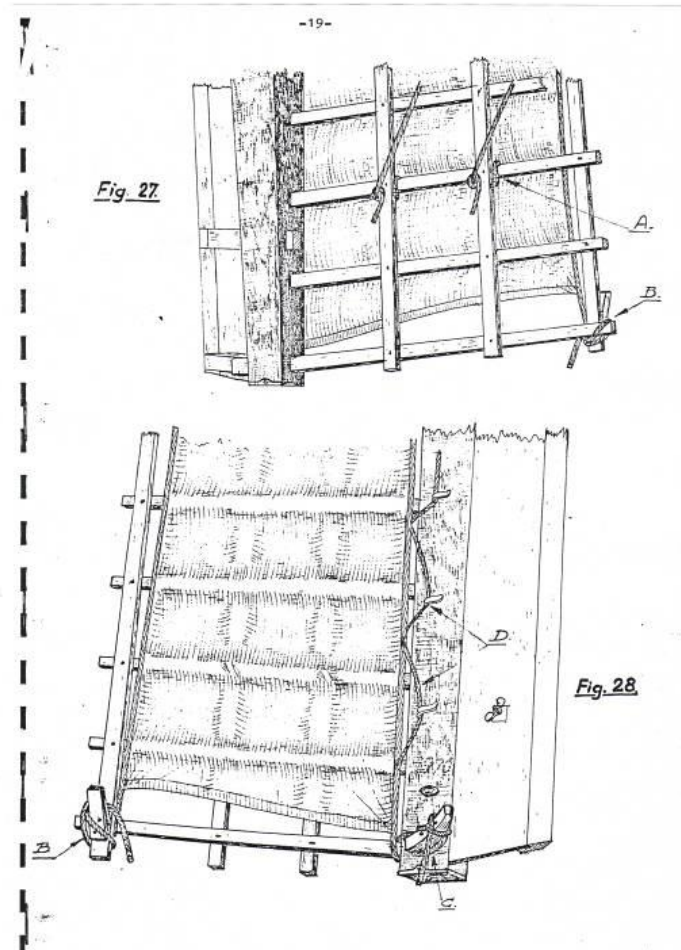
10. kikkers en litsen

9. zeilklampen

8. rechteronderhoektouw



Zeilen



Zwichtstanden

