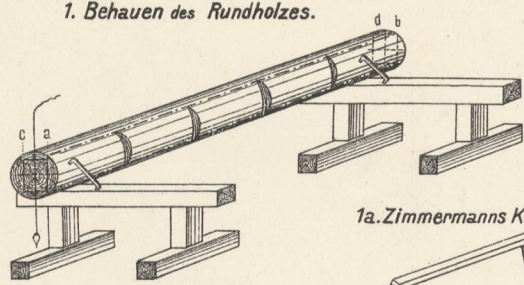


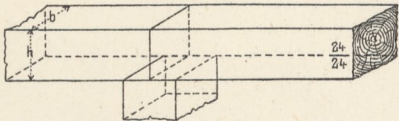
1. Behauen des Rundholzes.



1a. Zimmermanns Klammer.

Verlängern der Hölzer.

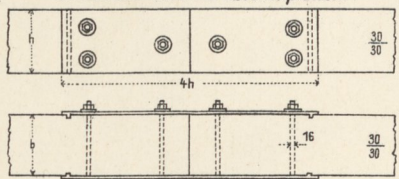
3. Gerader Stoß.



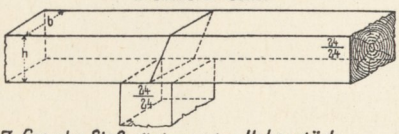
4. Gerader Stoß mit schmiedeeisernen Schienen.



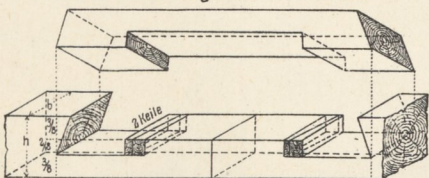
5. Gerader Stoß mit Laschenplatten.



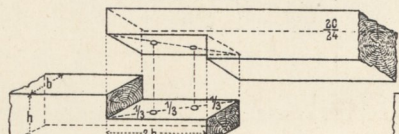
6. Schiefer Stoß.



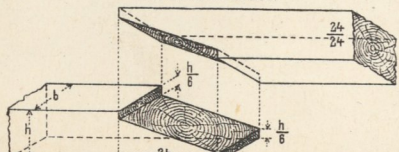
7. Gerader Stoß mit eingesetztem Hakenstück.



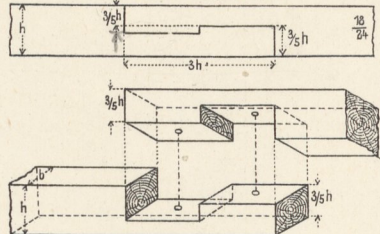
8. Gerades Blatt.



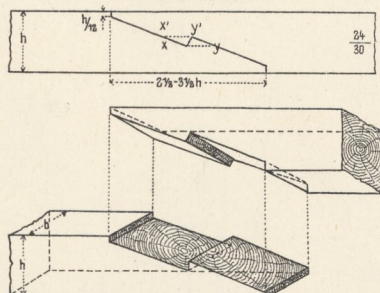
9. Schiefes Blatt.



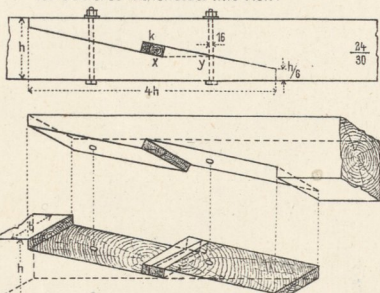
10. Gerades Hakenblatt.



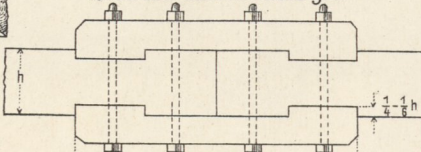
11. Schiefes Hakenblatt.



12. Schiefes Hakenblatt mit Keil.



13. Gerader Stoß mit Holzzangen.



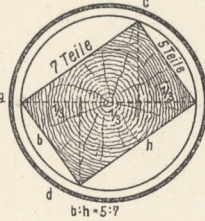
Maßstab zu Fig. 2, 20-27.

a.) Der nahezu tragfähigste

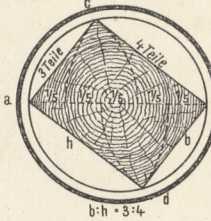
2.

b.) Der gebräuchliche

Querschnitt.



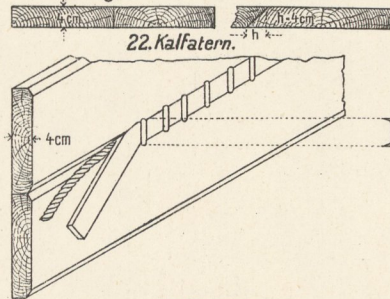
b:h = 5:7



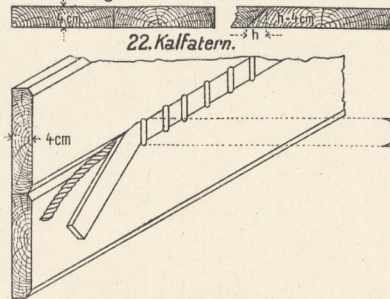
b:h = 3:4

Verbreitern der Hölzer.

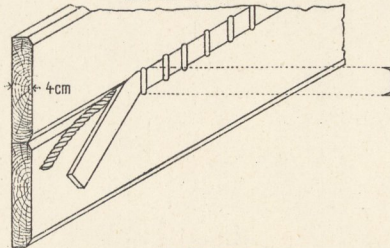
20. Fugen.



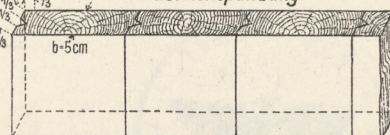
21. Messern.



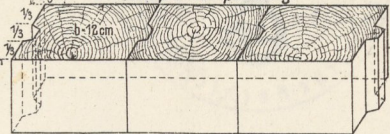
22. Kalfatern.



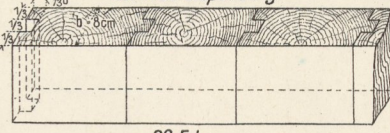
23. Keilspundung.



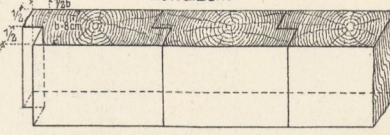
24. Stumpfe Keilspundung.



25. Quadratspundung.



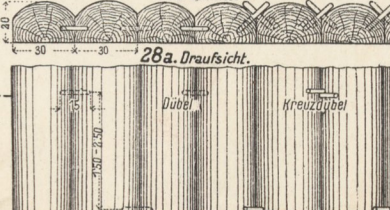
26. Falzen.



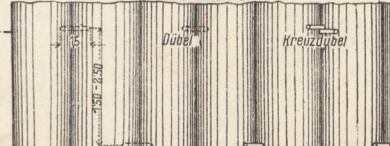
27. Federung.



28. Verstärkung der Dübeldecken mit eingebornten Dübeln. Querschnitt.



28a. Draufsicht.



Aufpfropfen.

14. österreichische

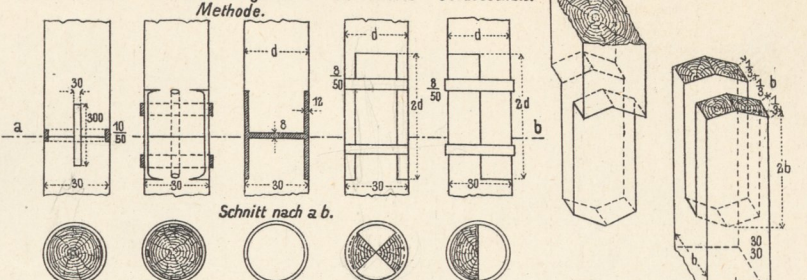
15. deutsche Methode.

16. englische

17. französische

18. Gerades Blatt.

19. Schlitzartige Anblattung.

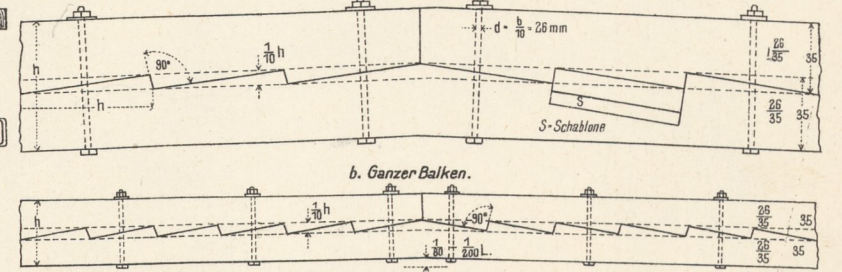


Schnitt nach a. b.

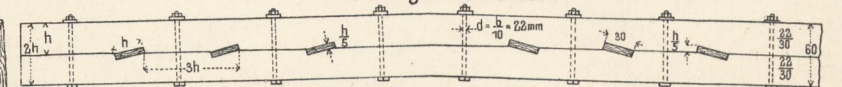
Verstärken der Hölzer.

29. Verzahnter Balken oder Gesprengtes Roß.

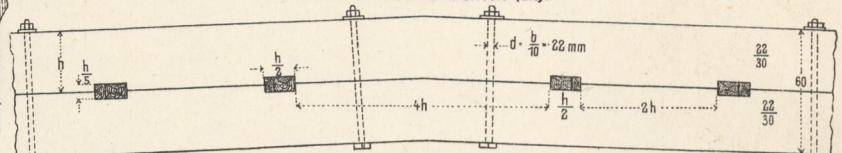
a. Detailausführung.



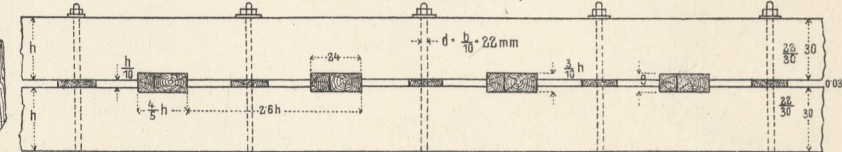
30. Verdübelung mit Zahndübeln.



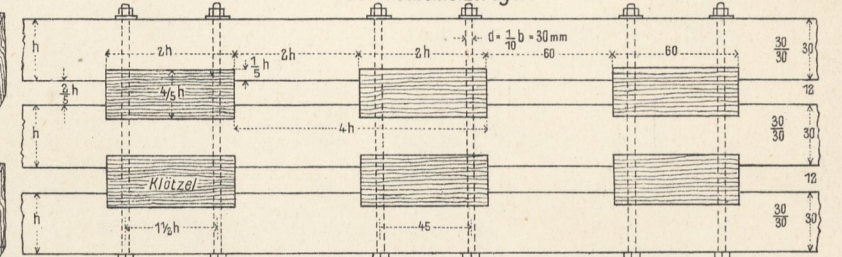
31. Verdübelter Balken (alt).



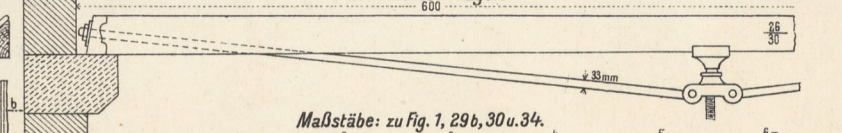
32. Verdübelter Balken (neu).



33. Klötzlholzträger.



34. Armierter Träger.



Maßstäbe: zu Fig. 1, 29b, 30 u. 34.

zu Fig. 3-19, 28, 29a, 31, 32 u. 33.