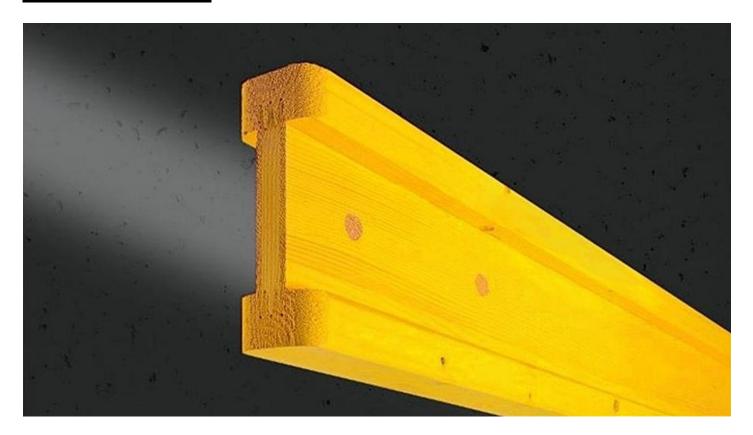
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H20 standard



Product

· Solid wooden formwork beam

Lengths
1,95/ 2,45 / 2,65 / 2,90 / 3,30 / 3,60 / 3,90 / 4,50 / 4,90 / 5,90

Dimensions ¹⁾	H20 standard	Tolerances
Beam height (mm)	200	+ / - 2mm
Chord height (mm)	40	+ / - 0,6mm
Chord width (mm)	80	+ 0,8 / - 1,2mm
Web thickness (mm)	29	+ / - 0,8mm

Technical specifications	H20 standard
Permissible modulus M (kNm)	5,0
Permissible shearing force Q (kN)	11,0
Section modulus ¹⁾ W _x (cm ³)	461
Geometrical moment of inertia ¹⁾ J _x (cm ⁴)	4.618
Modulus of elasticity E (N/mm²)	10.000

¹⁾ The values of the section modulus and the geometrical moment of inertia apply to new or used concrete formwork beams. An analogously increased factor of safety needs to be added for severely worn beams.



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Description of product

Chords: made of carefully selected class S10 spruce wood according to DIN4074

planed and chamfered with approx. 4mm

Webs: 3-ply solid wood panel, laminated, with mainly vertical growth rings

Wood types: spruce / fir, permitted mixture of wood species

Glueing: 3-ply solid wood panel BFU 100 (AW 100) according to standard

Ö-Norm B 3023 finger-joints between chords and webs

Wood moisture: approx. 12%

4,7 kg / linear meter Weight:

Surface protection: waterproofed colour impregnation

Quality-standard

Certification according to EN 13377 from CEN, European Committee for Standardization

Certification according to DIN EN 13377:2002-11

Auditing agency

HFB ENGINEERING GMBH, Reg.-Nr. 31100 1855/1/10, Leipzig

Packaging

Standard-package: 50 pieces Container-package: 100 pieces

The packages are delivered suitable for the construction site and protected by integrated

supporting timber

Advantages

Selected slow grown timber, perfect finger-joints between chords and webs assure a long durability



