

# RINGER H20 Beam

## Solid wooden beam with laminated solid wood webs

### Material:

**Cords:** carefully selected class S10 spruce wood  
glued according to DIN 68140-1

**Webs:** 3 ply solid wood panel laminated  
with BFU100 Ö Norm B3023

**Authorization:** German „Institut für Bautechnik.“ Nr. Z.9.1-146

**Dimensioning:** according DIN 1052-1 and DIN 4421

**Standard lengths:** 1,80 / 1,95 / 2,45 / 2,65 / 2,90 / 3,90 / 4,90m  
other lengths up to 10,0 m possible upon request

**Weight:** 4,6 kg/m

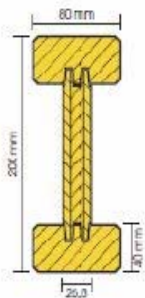
**Surface protection:** water repellent colour glaze

**Packing units:** 60 pieces

shock-resistant protection  
cap



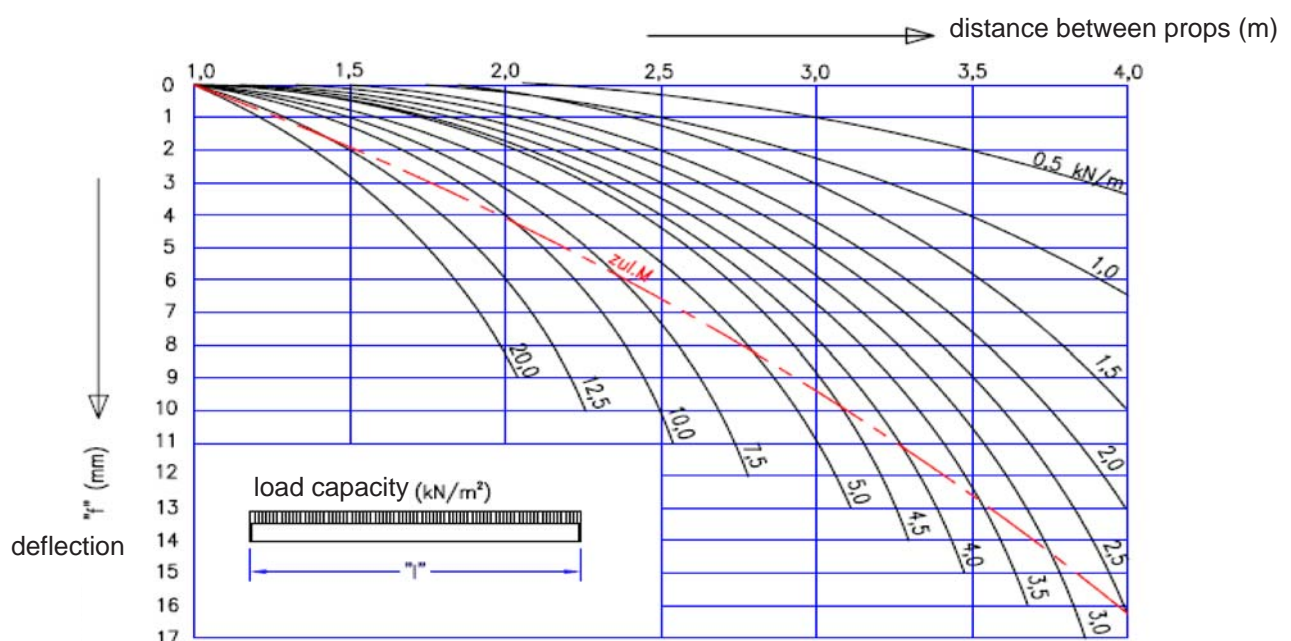
Packing unit 60 pcs



Dimensions	mm	Tolerance
Beam height	200	+/-2mm
Chord height	40	-1,5%
Chord width	80	-1,5%
Web thickness	26,8	+/-0,5mm

Technical specifications	mm
Permissible modulus M (kNm)	5,0
Permissible shearing force Q (kN)	11,0
Section modulus <sup>1)</sup> WX (cm <sup>3</sup> )	461
Geometrical moment of inertia <sup>1)</sup> Jx (cm <sup>4</sup> )	4613

### Deflection diagram H20 Deflection in midspan



Technical details are subject to change!