

**Standard fitting:**

Normal ductile (A) reinforcing steel B500A  
 Yield strength  $R_e^{1)} \geq 500 \text{ MPa (N/mm}^2\text{)}$   
 Ratio of tensile strength / yield stress  $R_m / R_e^{1)} \geq 1.05$   
 Elongation at tensile strength  $A_{gt} \geq 2.5\%$   
<sup>1)</sup> or 0.2% proof strength respectively

Upper chord<sup>2)</sup> and diagonals smooth surface (B500A+G),  
 Lower chords ribbed (B500A)  
<sup>2)</sup> upper chord  $\geq 12 \text{ mm}$  ribbed

**Unusual quality:**

Other steel qualities, surfaces and distances between welding points are possible on request.

**Production mark:**

(on the ribbed bars)









**Pattern of description:**

DH 18 - 06 6 10  
 Girder height: 180 mm  
 Diameter of lower chord: 6 mm  
 Diameter of diagonals: 6 mm  
 Diameter of upper chord: 10 mm

**Delivery length:**

Multiple distance between welding points

Country	Technical approval / Standard	Certificate
Germany	German Institute for Building Technology DIBt Z-15.1-148 (beam and block floor)	Civil Engineering Materials Testing Institute MPA Braunschweig Zert-1/429-f/09 & Zert-1/429-g/09 
Norway	German technical approval	Kontrollradet 961226 
Sweden		SBS Nordcert 
Tschech Republic		TZUS Prague, 204/C5/2010/010-025257 
Slowakia	TO - 05/0298 (Slovakian technical approval)	TSUS Bratislava, SK04-ZSV-0434 
Poland	ITB AT-15-2730/99 (Polish technical approval)	CEBET No. 23/07 

Some certificates cover special lattice girder dimensions, deviant material properties and are valid only for particular production plants.