



### Standard fitting:

Upper chord diameter 5 mm  
 Diagonals diameter 7 mm  
 Lower chord diameter 5 mm  
 Normal ductile (A) reinforcing steel B500A+G  
 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, lower chords and diagonals smooth surface (B500A+G)

### Unusual quality:

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

### Pattern of description:

EQ 18 - 05 7 05  
 Girder height: 180 mm  
 Diameter of lower chord: 5 mm  
 Diameter of diagonals: 7 mm  
 Diameter of upper chord: 5 mm

### Delivery length:

Length on stock: 7,2 m  
 Cut length:  
 Multiple distance between welding points

Country	Technical approval / Standard	Certificate
Germany	German Institute for Building Technology DIBt Z-15.1-93 (semi-precast slab) Z-15.2-40 (semi-precast wall)	Civil Engineering Materials Testing Institute MPA Braunschweig Zert-1/429-c/09 & Zert-1/429-d/09 Zert-1/429-k/10 & Zert-1/429-p/10
Norway	German technical approval	Kontrollradet 961226
Sweden		SBS Nordcert
Tschech Republic		TZUS Prague, 204/C5/2010/010-025257
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.