

## Fixation bolt for safety plate M16



Fixation bolt for safety plate. Used to hold and position ceiling elements by placing them in the joints between elements.

### Stock programme:

M16x260

M16x310

### Technical information:

Bolt: Fully threaded bolt in grade 8.8 steel, threads are cold rolled.

Weight: 1.58 kg/m

### Specifications:

Manufacturing and mechanical characteristics in accordance with DIN976 and ISO 898

Dimensions:	Tension area mm <sup>2</sup> , A <sub>s</sub>	Yield, Rp0.2 N/mm <sup>2</sup> Min:	Tensile, Rm N/mm <sup>2</sup> f <sub>u</sub>	Ductility, AGT % min
M16x2.0	157	640	800-1000	10

Safe working load threaded rod  $f_{sd} = f_u \times 0.9 / \gamma_{M2} \times A_s \times 10^{-3} = 500 \times 0.9 / 1.15 \times 157 \times 10^{-3} = 98 \text{ kN}$

### Nuts:

M16 +3/10 complying with ISO 4032-8, Pc-Coat

### Corrosion protection/Pc-Coat

Hot-dip galvanization is carried out in compliance with NS-EN-ISO 1461 and epoxy powder coating in compliance with NS-EN 13438. With regard to coating thickness and further information, please see Document Q/PTC-T19A – Specification for Pc-Coat – SVV/JBV.

Please also refer to the Pc-Coat Product Data Sheet and accompanying FDV documentation.

### Accessories:

Plate 300x150x12 with threaded hole M16 and plate 150x150x12 with free hole Ø18. All in Pc-Coat.