

## Suspension bolt M20 w/hook - welded



Suspension bolt for temporary suspension of ventilation and similar equipment in tunnels. The bolt is anchored by an expansion shell.

### Stock programme:

M20x600, Plain

M20x600, HDG

### Technical information:

Bolt: Threaded M20x150 mm at one end and hook with weld at the opposite end. The eyelet is hot bent.

Steel: S235J2 (Q235D) or equivalent. Thread cold rolled.

Weight: 2.5 kg/m

Specifications: Ref. drawing – PTC-073-1

Mechanical properties and threads in compliance with ISO 898-1:2013

Dimensions:	Tension area mm <sup>2</sup> , A <sub>s</sub> Thread-stem	Yield, Rp0.2 N/mm <sup>2</sup> Min.	Tensile, Rm N/mm <sup>2</sup> f <sub>u</sub>	Extension % A <sub>s</sub>
M20x2.5	245-245	235	340-470	26

Max. load for hook: 10 kN

The bolt is anchored by an expansion shell.

### Corrosion protection:

Hot-dip galvanized to ISO 1461 standard, average minimum coating thickness 65 µm.

Thread after hot-dip galvanization: ISO M fitting

### Expansion shell:

BL – M20x32/32-36

BL – M20x45/45-48

### Borehole:

Recommended borehole:

For BL-M20/32-36: Ø32-36 mm

For BL-M20/45-48: Ø45-48 mm