

Suspension bolt M20 w/hook - Open



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 with hook with 50 mm opening at the opposite end. The eyelet is hot bent.

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

Weight: 2.1 kg/m

Specifications: Ref. drawing – PTC-073

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

Dimensions:	Tension area mm ² , A _s Thread-stem	Yield, Rp0.2 N/mm ² Min.	Tensile, Rm N/mm ² f _u	Extension % A ₅
M20x2.5	245-245	235	340-470	26

Max. load for hook: 5 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