

Spiling bolt Ø25



Bolts for full length cementitious mortar grouting, typically around tunnel portals (before first blast) or as pre-support by installation ahead of the tunnel face when entering into very poor rock quality.

Stock programme:

Ø25x6000

Ø25x8000

Technical information:

Bolt: Rebar Ø25. Mechanical properties corresponding to B500NC in compliance with NS NS3576-3:2012

Unthreaded. Bolt with beveled end.

Weight: 3.92 kg/m

Dimensions:	Tension area mm ² , A _s Ø25	Yield, ReH N/mm ² Min:	Tensile, Rm N/mm ² f _u	Ductility, AGT % min
Ø25	491	500	600-650	8

Safe working load bolt $f_{sd} = ReH / \gamma_{M2} \times A_s \times 10^{-3} = 500 / 1.15 \times 491 \times 10^{-3} = 213 \text{ kN}$

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.

Borehole:

Recommended borehole: Ø35-Ø38 mm with grouting.

Accessories:

Spiral for centering and holding in the borehole recommended.