

Self-drilling anchor bar R38/19 Pc-Coat



Fully threaded self-drilling anchor bar. For slope stabilization, various mountain rock anchorages also for tunneling. The anchor bars are usually used in demanding geological conditions with mounted drill/clay bit where the anchor bar is drilled in with a simple and flexible joint to achieve the desired length. Can be grouted during drilling or post-grouting.

Can be used with expansion shell for use of anchor bar as a combination bolt in a pre-drilled hole to achieve an immediate mechanical anchoring (work protection). Particularly beneficial when long anchor bars are to be used and/or there is limited space for installation conditions. Supplied with hot zinc and epoxy powder coating (Pc-Coat™) as corrosion protection for a long life or plain surface as second alternative.

Stock programme:

R38/19 x 3000

Andre lengths on request

Technical information:

Fully threaded acc. ISO 10208 (left hand thread). Hot rolled threads

Steel grade: 40Cr acc GB-T 3077 / ISO 683-1

SDA R38/19	Yield load kN	Tensile load kN	Shear load kN	Weight kg/m	Elongation % A ₅	Theoretical E-modul [GPa]	Cross section area (mm ²)	Impact strength -20°C (J)	Center hole Ø (mm)
L=3000	400	500	240	5,5	12	190-200	670*	40	19

* Subject to variation due to tolerances from manuf. process. Not for calculation.

Corrosion protection / Pc-Coat:

Hot-dip galvanization is carried out in compliance with NS-EN-ISO 1461 and epoxy powder coating in accordance 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. The ends are free of epoxy coating to ensure proper jointing and installation, but are usually covered by joint coupler.

Accessories:

Spherical plate 200x200x12

Spherical nut R38x50

Coupler R38x220

Drill bit R38x70

Clay bit R38x110 /150

Expansion shell R38/ 64-68 oversize