

Self-drilling anchor bar R51/26 Pc-Coat Q460D



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:

R51/26 x 3000

Andre lengths on request

Technical information:

Fully threaded acc. ISO 1720 (left hand thread). Hot rolled threads

Steel grade: Q460D acc. GB/T 1591

SDA R51/26	Yield load kN	Tensile load kN	Shear load kN	Weight kg/m	Elongation % A ₅	Cross section area (mm ²)	Impact strength -20°C (J)	Center hole Ø (mm)
L=3000	730	930	438	10,2	5	~1290*	40	26

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

Anchors in Q460D material are marked with green color at one end, for easy identification.

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:

Anchor plate 200x200x35

Spherical nut R51x70

Coupler R51x220

Drill bit R51x90

Clay bit R51x130