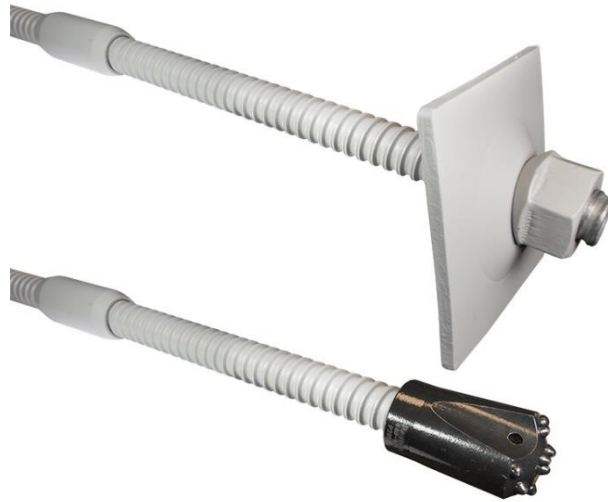


Self-drilling anchor bar T40/16 S460NH



Pretec's fully threaded self-drilling anchor are produced from fine grained structural steel S460NH acc. NS-EN 10210-1. The steel is characterized by its high impact resistance and high ductility, combined with high mechanical values. The anchor bars can be used for soil nailing, anchoring sheet piles and retaining walls and as micropiles. The anchor bars are usually used in demanding geological conditions with mounted rock/clay bit where the anchor bar is drilled in with a simple and flexible joint to achieve the desired length. Continually grouting/injecting or post-grouting as instructed by the Engineer. Permanent self-drilling anchors delivers with Pc-Coat™ (Hot dip galvanized, zinc manganese phosphating and epoxy powder coating). Anchoring properties acc. NS-EN 10080.

Stock programme:

T40/16 x 3000 Pc-Coat

T40/16 x 3000 plain surface

Other lengths on request. Permanent self-drilling anchor are normally delivered with Pc-Coat. Alternatively, self-drilling anchor can be delivered with plain surface.

Technical information:

Left hand thread, Roll threaded.

Starting material: S460NH acc. NS EN 10210-1.

Meets requirements for micropiles acc. NS-EN 14119, soil nailing acc. NS-EN 14490:2010, ground anchors acc. NS-EN 1537:2013.

Anchor and accessories are delivered with inspection certificate 3.1 acc. NS-EN 10204. Bolts with accessories are delivered with full traceability with reference to the batch number on the label / packaging. The bolts are delivered CE marked acc. NS-EN 1090-1.

Product Data Sheet

| SDA | Length (mm) | Min.Yield load kN | Min.Tensile load kN | Min.Shear load kN | Vekt kg/m | Elongation % Agt | Cross section area (mm ²) | Min.Impact strenghtt -20°C (J) | E-modul (GPa) |
|--------|-------------|-------------------|---------------------|-------------------|-----------|------------------|---------------------------------------|--------------------------------|---------------|
| T40/16 | L=3000 | 525 | 660 | 262 | 7,2 | ≥5 | 900* | 40 | 210 |

* Subject to variation due to tolerances of manufacturing process. Not for calculation.

Anchors in S460NH material are marked with orange color at both ends, for easy identification.

Corrosion protection / Pc-Coat:

(applicable for Norwegian market)

Hot-dip galvanization is carried out in compliance with NS-EN-ISO 1461 and epoxy powder coating in accordance with NS-EN 13438. Our standard Pc-Coat meets requirements of SVV's Handbook N500 chapter 7.6.2 – Corrosion protection, in terms of coating thickness. Please also refer to the Pc-Coat Product Data Sheet with SINTEF TG 20787 for CX corrosion class acc. NS-EN ISO 12944-9 and accompanying FDV documentation. The ends are free of powder coating. These are covered by the sleeve when jointing. The same surface treatment also applies to accessories.

Accessories:

Spherical plate 200x200x12

Spherical nut T40x50

Coupler T40x140

Drill bit T40x70

Clay bit T40x130 /175