



- ▶ SELF DRILLING ANCHOR BOLT
- ▶ FOREPOLING SYSTEM
- ▶ POST-TENSIONING BAR
- ▶ SN BOLT SYSTEM
- ▶ STEEL FIBERS



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TechAnchor - Self Drilling Anchor System



Self Drilling Anchors are most commonly used items for slope stabilization projects as well as tunneling and mining projects because of its flexibility to use in various type of soil and rock conditions. TechAnchor systems reduces the cost of project to a significant amount with its lower cost of stocking as it can be kept with full length and can be cut as per project requirement. Smaller diameter bars can be used under same load due to extraordinary steel mechanical properties. Several types of drill bits (Cross, Clay, Jetting, segment etc.) available for various project needs. Soil nailing should be planned in rhombus shaped grid to ensure efficient distribution of the reinforcement. Available in various types of coatings such as epoxy, galvanized etc.

The TechAnchor system is designed to drill without casing in loose soil as well as rock. Available in various sizes R25, R32, R38 and R51 along with matching accessories such as drill bit, coupler, hex nut, bearing plates etc. The system is designed for both temporary and permanent applications. It allows optimum bonding and load transfer. TechAnchor system is fully compliant to EN 14490 (European Standard for Soil Nails).

Advantages

- ▶ Increased productivity since drilling, insertion and grouting can be performed in a single operation.
- ▶ It replaces the need of cased boreholes
- ▶ Simultaneous drilling and grouting is possible

Applications



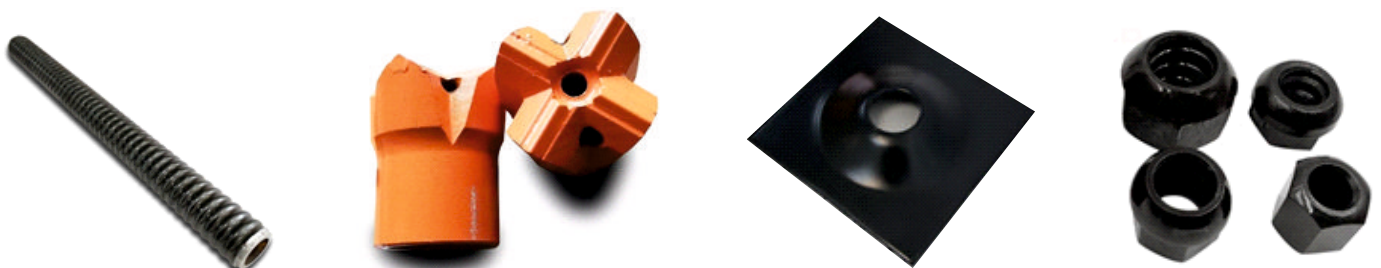
Product Reference	Thread Type	Outer Ø (mm)	Yield Load (kN)	Ultimate load (kN)	Elongation at Ultimate Agt (%)	Maximum Elongation A (%)
R25N	R	25	150	200	≥ 2.5%	≥ 8%
R32N	R	32	230	280	≥ 2.5%	≥ 8%
R32S	R	32	280	360	≥ 2.5%	≥ 8%
R32SS	R	32	330	400	≥ 2.5%	≥ 8%
R38N	R	38	400	500	≥ 2.5%	≥ 8%
R51L	R	51	450	550	≥ 2.5%	≥ 8%
R51N	R	51	630	800	≥ 2.5%	≥ 8%
T30N	T	30	260	300	≥ 2.5%	≥ 8%
T40N	T	40	525	600	≥ 2.5%	≥ 8%
T40L	T	40	425	540	≥ 2.5%	≥ 8%
T76N	T	76	1200	1600	≥ 2.5%	≥ 8%

» A self drilling anchor system consists of the following:

Hollow Anchor Bar	Drill Bit	Coupler	Bearing Plate / Spike Plate	Nut
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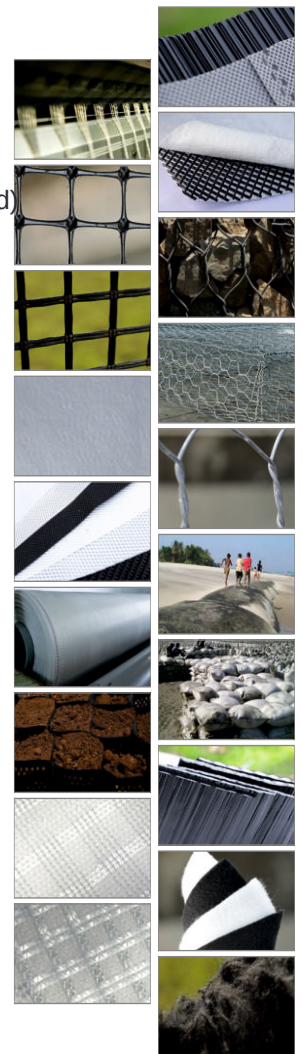
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ABOUT TECHFAB INDIA INDUSTRIES LTD

TechFab India was founded in 2003 with the objective of providing world class geosynthetic products and services to serve the needs of manufacturing development in India. From a modest beginning with the setting up of a manufacturing facility for woven geotextiles in Silvassa, we have rapidly grown to become the largest manufacturer of geosynthetics in India. Today we manufacture a wide range of products at our factories in Silvassa and Daman. Details are as under:

- ▶ TechGrid Knitted and polymer coated Polyester Geogrids (BIS & CE Marked & BBA Certified)
- ▶ TechGrid-Base Reinforcement Geogrids (BIS & CE Marked)
- ▶ Tech GeoMattress
- ▶ TechGeo Needle Punched Nonwoven Geotextiles (BIS & CE Marked)
- TechLink
- ▶ TFI 3000 Woven PET (CE Marked)
- ▶ TGC Reinforced Nonwoven
- ▶ TechPave Paving Geotextiles (CE Marked)
- ▶ TechFab Metal Gabions (BIS & CE Marked)
- ▶ TechDrain - Prefabricated Vertical Drains (CE Marked)
- ▶ TechTube Geotextile Tubes
- ▶ TechDrain Drainage Composites (CE Marked)
- ▶ TechGrid PP Biaxial Geogrid (BIS & CE Marked)
- ▶ TechCell GeoCells (BIS & CE Marked)
- ▶ TechStrap Polyester Strip (BIS & CE Marked)
- ▶ Tech Fibre - PP Staple Fibre
- TechFab Geotextile Bags (BIS Marked)
- TechRhombus (CE Marked)
- TechSlope Mesh
- TechAnchor

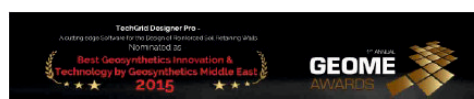


World-class Geosynthetics Manufactured in India by Techfab India Industries Ltd.												
TFI WovenGeotextiles		TechGrid Geogrids	TGC Reinforced Nonwoven Composites	TechDrain PVDs	TechDrain Drainage Composite	Tech GeoMattress	TechGeo Nonwoven Geotextile	TechFab Metal Gabion Double twist wire mesh products	TECHTUBE & Geotextile Bags	TechGrid PP Biaxial Geogrids	TechStrap Polymeric Strip	TechCell Geocell
Polypropylene Multifilament	Polyester Multifilament						TechPave					

TechFab In house laboratory is accredited With ISO/IEC - 17025:2017 & GRI - GAILAP



TFI Woven Geotextiles



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