

SELF DRILLING ROCK BOLTS / ANCHORS

Features

- Applicable for various types of soils as well as for weathered rocks
- Hollow bar is used as drill rod; inner hole is used for flushing during drilling
- Once drilling is completed, inner hole serves for grouting of annulus
- Steel couplers are used to achieve required splicing length
- Speedy installation utilizing sacrificial drilling bit; drill rod becoming the rebar
- Ribs of fully threaded bar efficiently transfer stress between the bar and grout

Corrosion Protection

- For temporary applications, grout is adequate as the encapsulating medium
- For permanent applications, epoxy coated hollow bars are available

Technical Data

Product Reference	Thread Type	Outer Dia	Yield Load (kN)	Ultimate Load (kN)	Elongation at ultimate Agt (%)	Maximum Elongation
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	51	260	300	≥2.5%	≥8%
T40N	T	30	525	600	≥2.5%	≥8%
T40L	T	40	425	540	≥2.5%	≥8%
T76N	T	40	1200	1600	≥2.5%	≥8%