

Self Drilling Anchor Bolt (25mm-76mm)

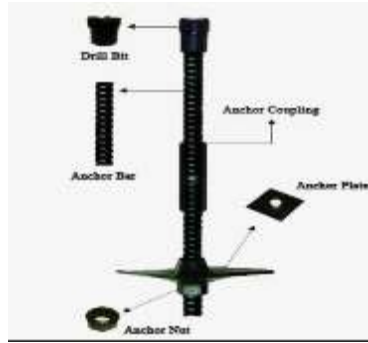
These specialized bolts integrate drilling, grouting, and anchoring into one seamless operation. A hollow steel rod fitted with a sacrificial drill bit drills into the rock or soil, while grout is injected through the hollow core to consolidate the surrounding ground and bond the bolt in place. After grouting, a plate and nut secure the anchorage at the surface.

Applications

 Railway & Metro Industry

 Mining & Tunneling

 Construction



Features

- A. 3 in 1 concept: acts as a drilling rod, as well as an anchor bar and a grouting pipe.
- B. Splicing system available to achieve longer tendon length.
- C. Available in diameters from 25 to 76 for ultimate load performances up to 1,600 kN.
- D. Two types of threads profile available: R (Rope Thread) or T (Trapezoidal).
- E. For permanent applications, optional epoxy coating can be provided to protect from corrosion.
- F. No cased borehole allowing ground preservation.

Specifications

TYPE	INNER DIAMETER (MM)	ULTIMATE LOAD CAPACITY (KN)	YIELD LOAD CAPACITY (KN)	WEIGHT (KG)
R THREAD				
R25N	14.00	200	150	2.30
R32N	21.00	280	230	2.90
	18.50	280	230	3.40
R32S	16.00	360	280	3.60
R32SS	15.50	405	350	3.80
R38N	21.00	500	400	4.80
	19.00	500	400	4.80
R51L	36.00	550	450	7.00
	33.00	800	630	8.40
T THREAD				
T30	11.00	320	260	3.41
	14.00	275	220	2.87
	16.00	245	190	2.70
	20.00	540	425	5.60
T40	16.00	660	525	6.60
	20.00	540	425	5.60
T52	26.00	925	730	9.87
T73	53.00	1160	970	14.10
	56.00	1035	830	10.75
	45.00	1585	1270	17.80
T76S	35.00	1865	1430	21.20
	45.00	1900	1500	19.70
T103	78.00	2270	1800	25.30
	51.00	3660	2670	44.60
T111L	82.00	2640	2000	25.00
T111N	75.00	3650	2750	34.50
T127	111.00	2320	2030	28.90
T130	60.00	7940	5260	75.00

