

PRODUCTS

Self Drilling Hollow Anchor Bolt System

Introduction:

Self drilling hollow anchor bolt combines drilling, grouting and anchoring together. It ensures the anchoring effect in complex ground conditions. It's safe, reliable and efficient.

Application:

This kind of product is suitable for broken rock, loose soil and conditions which are difficult to drill holes, such as fracture zones, decayed rock, gravel, sandy gravel, backfill ground. In order to have optimal result, drill bits can be used differently according to the rock conditions.

Application for project:

1. Permanent support for tunneling.
2. In slope stabilization, rock bolts and soil nails can be used to maintain and strengthen soil and rock.
3. Used for micro pile reinforcement. Micro pile can transmit structural load to foundation and then limit the deformation of buildings.

Features:

1. Casing free in the operation. Anchor bar is a drill pipe which is convenient and time-saving.
2. Drilling and grouting can be done

simultaneously. With good grouting spread radius and reliable anchoring quality, fractures can be filled effectively.

3. The anchor bar with standard full thread can be cut according to your requirement. The anchor bar can be connected by couplings. It's suitable in narrow work space.

4. Owing to the continuous R-thread and T-thread, self drilling anchor bolt has higher bonding stress.

T-thread



Self Drilling Hollow Anchor Bolt



T-thread Hollow Anchor Bar



Hex Nut



Spherical Collar Nut



Centralizer



Plate



Coupling

T111



T- thread Hollow Anchor Bar						
Size	Outer Dia. mm	Inner Dia. mm	Ultimate Load KN	Yield Load KN	Thread L/R	Weight Kg/m
T111/82	111	79	2640	2000	R	25
T111/75	111	75	3650	2750	R	34.5

Coupling			
Size	Outer Dia. mm	Length mm	Weight Kg
T111	140	250	12.6

Nut			
Size	Key Size mm	Length mm	Weight Kg
T111	150	120	10.2

Plate				
Size	Dimensions mm	Thickness mm	Hole Dia. mm	Weight Kg
T111/82	300*300	80	130	47.8
T111/75	350*350	90	130	76.8

Centralizer			
Size	Outer Dia. mm	Length mm	Weight Kg
T111	170	50	1.8

Drill Bit		
Size	EX	ESS-F
T111	T111/220 (10.7)	T111/170 (8.5)
		T111/200 (12.1)