

GROUND EQUIPMENT



REGBAR
CONSTRUCTION TECHNOLOGY SOLUTIONS

SELF DRILLING ROCK BOLT

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Properties

The self-drilling anchor bolt device (also known as Threaded Hollow Bars) makes your job much easier, as it is capable of performing procedures of drilling, anchoring and injection all at once. There is a hollow interior of the self-drilling anchor bolt, a threaded exterior and a drill bit that is used for drilling. The self-drilling anchor bolt's hollow interior enables air and water to freely move through the drilling process, flushing the particles. After completion of the drilling process, it also enables immediate injection. For fractured or hard rock formations as well as uneven ground conditions (such as gravel, soft, clay and non-homogeneous soil), self-drilling anchor bolts present a specific bolting solution.



Applications

Self-drilling anchor bolts have a wide variety of fields of operation, including reinforcement of weak tunnel rock / soil conditions, tunnel stabilization, tunnel root piling, and tunnel entrances.

Tunnel entrances, tunnel trenches, cut and cover areas, strengthening / stabilization of excavation routes, dams and slopes, as well as strengthening of retaining walls and noise barriers are other applications where self-drilling anchor bolts are used.



The rock bolt, which, in addition to its use in foundation piles and support piles, can also be used as an avalanche safety shield, provides extensive solutions for users.

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Lesnaya Plaza 4, 4th Lesnoy
Pereulok No: 24/8 125047
Moscow / RUSSIA



Accessories



Product Dimensions

The threaded hollow bars provide comprehensive solutions for tunneling and mining industry growth. As per the API specifications, the self-drilling anchor bolts are manufactured, wherein the hot drawn tubing is cold rolled to a round thread profile.



Product Code	Outer Dia [mm]	Inner Dia [mm]	Cross Sectional Area [mm ²]	Tensile Load [Kn]	Yield Load [Kn]	Weight [kg/mt]
SDR32N	32	18.5	396	280	230	3.40
SDR32S	32	15	498	360	280	4.10
SDR38N	38	19	171	500	400	6.00
SDR51N	51	33	936	800	630	8.40

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