

SIGRI CARE

ROCK | BOLTS | DRILLING



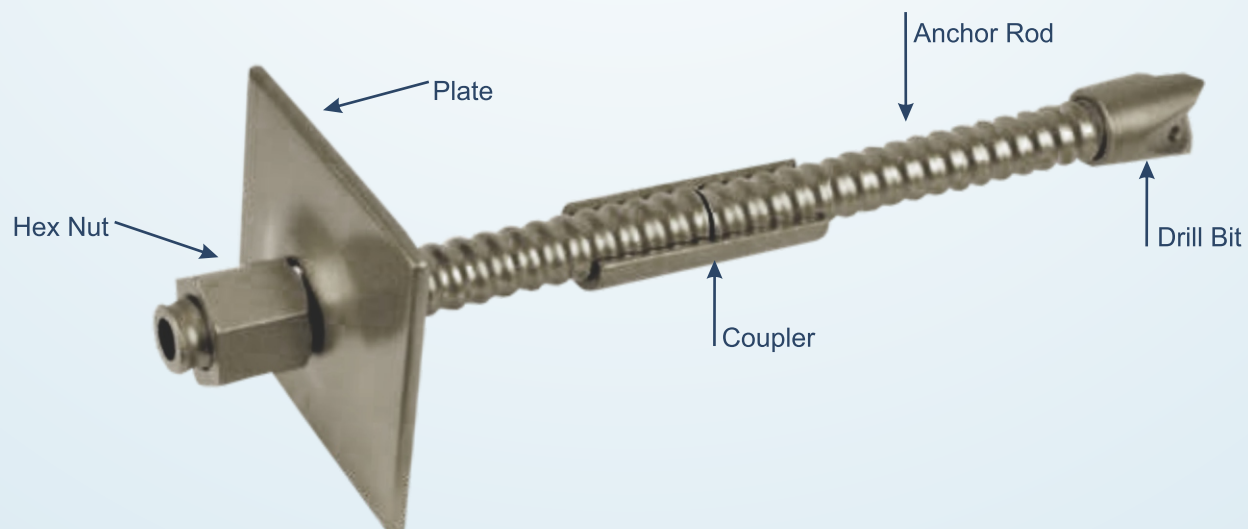
ABOUT US

Sigricare, a leading underground mining and tunnelling products manufacturing company, is being set up to improve the underground construction activities with the latest and innovative technologies. We aim to help our customers in increasing the productivity of their underground built-up-processes by our advanced technologies that not only enable them to construct the sites with ease but with more safety and reliability. Sigricare is grateful to operate in national and international markets where we have already delivered over thousands of underground machines to our potential customers who are more than satisfied and contented with our services.

Our manufacturing of the products ranges from Rock Bolts to Self Drilling Anchor Systems and Self Drilling Anchor Bolt parts such as threaded rolls, anchor couplers, hollow bar and rods, tie rods, coil rods, anchor adapters, drilling bits, anchor nuts and many more as per the requirements of our valuable clients. We feel delighted to inform that we have been highly acknowledged and appreciated by the top notch industry leaders for over many years now. To make the product list easier to understand, we have our entire product portfolio explained in the coming sections of this brochure.

OUR MISSION AND VISION

Sigricare's main mission is to provide extraordinary service quality to our clients by keeping requirements as our top priority to be fulfilled. We continuously strive to deliver the best quality products and materials to our respected customers ensuring the incessant improvement in order to provide them the latest and advanced technologies. Sigricare always keeps in mind while manufacturing the products- the safety of our clients' tunnelling projects and this sincere dedication makes us stand out in the crowd.



SELF DRILLING ANCHOR BOLT



The self-drilling Hollow bar anchor system is comprised of a hollow threaded bar with an attached drill bit that can perform drilling, anchoring and grouting in a single operation. The hollow bar allows air and water to freely pass through the bar during drilling to remove debris and then allow grout to be injected immediately after drilling is completed. Grout fills the hollow bar and completely covers the entire bolt. Couplers can be used to join hollow bars and extend the bolt length while nuts and plates are used to provide the required tension.

SIGRICARE offers Self Drilling Anchors in variants of R25, R32, R38, R51 and T76 and their accessories including the Anchor Nut, Anchor Plate, Anchor Coupler and Drilling bits depending on the geological condition of the project site (Type EX, EXX, ES, ESS, EY, EYY).

ANCHOR RODS



	Unit	R 25N	R 32L	R 32N	R 32S	R38 N	R51 L	R51 N	T 76N	T 76S
Outer Diameter	mm	25.00	32.00	32.00	32.00	38.00	51.00	51.00	76.00	76.00
Inner Diameter	mm	14.00	22	20	18.5	22.00	36.00	33.00	51.00	47.00
Ultimate Load	kN	200	260	280	360	500	550	800	1600	1900
Yield Load	kN	150	200	230	280	400	450	630	1200	1500



ANCHOR COUPLER

	Unit	R 25N	R 32L	R 32N	R 32S	R38 N	R51 L	R51 N	T 76N	T 76S
Outer Dimension	mm	36	42	42	42	52	63	63	95	95
Length	mm	150	145	160	190	220	140	200	200	220



DRILL BIT

EX	EXX	ESF	ESSF
Hardened cross bit for loose to medium dense ground condition	TC cross bit for soft to medium rock formations	Hardened button bit for unconsolidated rock with boulders	TC button bit for medium rock formations



ANCHOR NUTS

	Unit	R 25N	R 32L	R 32N	R 32S	R38 N	R51 L	R51 N	T 76N	T 76S
Key Size	mm	41	46	46	46	50	75	75	100	100
Length	mm	35	45	45	65	60	70	70	80	80



ANCHOR PLATE

	Unit	R 25N	R 32L	R 32N	R 32S	R38 N	R51 L	R51 N	T 76N	T 76S
Dimension	mm	150x150	200x200	200x200	200x200	200x200	200x200	250x250	250x250	250x250
Thickness	mm	8	10	10	12	12	30	40	40	40
Hole Diameter	mm	30	35	35	35	41	60	60	80	80



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www.sigrirockbolts.com

Plot No. 61, Rajender Nagar, Industrial Area,
Mohan Nagar, Ghaziabad - 201007 (U.P.)

+91 - 9625827838 | +91 - 9212143678

sigricare@gmail.com