

POINT ANCHOR SYSTEM REBAR BOLTS

HEADED AND BENDABLE

Minova Reinforcing Steel Bar (Rebar) is manufactured to critical tolerances and standards to meet the day-to-day needs of our mining customers. Our quality control program ensures that each Rebar Bolt order arrives at your site just as you have specified. And, because Minova is a world leader in manufacturing, you can be assured that we will be able to fill your orders quickly and efficiently, regardless of the order size or delivery requirement. Rebar bolts, or resin bolts as they are commonly referred to, are available in all standard diameters and grades as well as in special rolled dimensions (SRD) for your specific applications. Matched Bearing Plate systems and Minova Lokset resin capsules are available for all fully grouted Minova Rebar Bolts.

BENDABLE OPTIONS

- Hot Notched
- Mill Notched
- BORE Bendable Oval Rebar

INSTALLATION PROCEDURES

1. Drill hole at proper diameter and depth.
2. Make depth 1” longer than the bolt.
3. Insert appropriate Minova resin cartridge.
4. Insert Rebar Bolt and Bearing Plate to within 1/16” to 1/8” of roofline.
5. Rotate bolt to ensure complete mixing of resin.
6. Stop rotation while maintaining boom pressure, hold in place.
7. Relieve boom pressure.

Consult your Minova Technical Sales Representative for specific mixing and hold requirements, as well as potential customized product availability.

AREAS OF APPLICATION

- Deep excavation support
- Roof and wall support
- Rock bolting
- Slope stabilization
- Soil nailing



Bolt Diameter		Grade	Minimum Yield		Minimum Tensile		Borehole Diameter	
mm	(#)		kN	(lbs)	kN	(lbs)	mm	In (“)
16 mm	(#5)	60	83	(18,600)	124	(27,900)	25 mm	(1’)
19 mm	(#6)	40	78	(17,600)	137	(30,800)	25mm	(1’)
19 mm	(#6)	60	117	(26,400)	176	(39,600)	25mm	(1’)
~19 mm	(3/4” SRD)	75	121	(27,200)	161	(36,300)	25 mm	(1’)
22 mm	(#7)	40	107	(24,000)	187	(42,000)	28mm, 34mm	(1-1/8”, 1-3/8”)
22 mm	(#7)	60	160	(36,000)	240	(54,000)	28mm, 34mm	(1-1/8”, 1-3/8”)
~22 mm	(7/8” SRD)	75	166	(37,400)	222	(49,800)	25 mm, 28mm, 34mm	(1”, 1-1/8”, 1-3/8”)
25 mm	(#8)	60	211	(47,400)	316	(71,100)	32mm, 34mm	(1-1/4”, 1-3/8”)

APPROVALS AND CERTIFICATES



an ISO 9001:2015
Quality Management System Certified Company.

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ADDITIONAL DOCUMENTATION

Started more than 135 years ago, Minova is a global manufacturer and supplier of chemical and mechanical earth control products and support equipment. With manufacturing plants on five continents and operations in more than 25 countries, Minova is an industry-leading provider of ground support solutions for the underground mining, construction and energy industries.

If further information is required consult Minova Americas website: www.minovaglobal.com.

- Steel Bolts, Plates, Other Steel Articles Safety Data Sheet (SDS)
- Minova Guide to Resin-Grouted Rockbolts
- Minova Chemicals, Polymers & Steel Application Guide

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