

MINOVA

TENSION REBAR BOLT

POINT ANCHOR SYSTEM



DESCRIPTION

Minova Tension Rebar Bolts offer precise tension and significant cost savings. Where better beam building is needed, the Tension Rebar Bolt System has strength characteristics to meet those needs.

This exceptional support is installed in a 1" to 1-5/8" hole and allows for dramatic savings in resin. The Tension Rebar is available in various lengths, in right or left hand thread spin, and with a variety of tension nuts and washers available.

INSTALLATION PROCEDURES

1. Drill hole at proper diameter.
2. Drill hole depth to 1" longer than the bolt.
3. Insert appropriate Minova resin capsules.
4. Insert Tension Rebar bolt and Bearing Plate to within 1/16" to 1/8" of roofline.
5. Rotate bolt through resin column to ensure complete mixing of resin.
6. Stop rotation.
7. For specified resin set time, hold bolt in place.
8. Torque bolt to pre-determined torque in accordance with approved roof control plan.

TECHNICAL PROPERTIES

BOLT DIAMETER		GRADE	MINIMUM YIELD		MINIMUM TENSILE		NOMINAL BOREHOLE DIAMETER		TORQUE	
mm	(#)		kN	(LBS)	kN	(LBS)	mm	(in ")	~N-m	(ft-lbs)
16 mm	(#5)	60	61	(13,600)	91	(20,300)	25mm	(1")	170 - 270	(125 - 200)
19 mm	(#6)	40	60	(13,400)	104	(23,400)	25mm	(1")	170 - 270	(125 - 200)
19 mm	(#6)	60	89	(20,000)	134	(30,100)	25mm	(1")	200 - 340	(150 - 250)
19 mm	(3/4" SRD)	75	112	(25,100)	149	(33,400)	25mm	(1")	240 - 340	(175 - 250)
22 mm	(#7)	40	83	(18,500)	144	(32,300)	28mm to 35mm	"(1-1/8" to 1-3/8")"	240 - 300	(175 - 225)
22 mm	(#7)	60	124	(27,700)	186	(41,600)	28mm to 35mm	"(1-1/8" to 1-3/8")"	270 - 340	(200 - 250)
22 mm	(7/8" SRD)	75	155	(34,700)	206	(46,200)	25 mm to 35mm	(1" to 1-3/8")	340 - 510	(250 - 375)
25 mm	(#8)	60	211	(36,400)	243	(54,500)	32mm to 41mm	"(1-1/4" to 1-5/8")"	370 - 610	(275 - 450)

MANUFACTURER

Minova USA Inc

An ISO 9001:2015

Quality Management Certified Company
Certificate No. FM 686583

Original Registration Date: 1995-02-15
Expiry Date: 2028-02-14



CUSTOMER SERVICE

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