

GROUND EQUIPMENT



REGBAR
CONSTRUCTION TECHNOLOGY SOLUTIONS

ROCK BOLT

GROUND EQUIPMENT

ROCK BOLT

Properties

Continuously high tensile, hot rolled threaded rods

- ▶ Can be used with left or right screw threads.
- ▶ If desired, epoxy coating is available for corrosion protection.
- ▶ Continuous gear provides an environment that enhances the lock-in with the surrounding.
- ▶ Rough thread and hard rod surface are robust and even sensitive to small damages.
- ▶ Fully threaded steel anchors are possible with adjustment of length.
- ▶ Re-connection at any point is possible with couplers.



Anchorage are designed to meet or exceed major international building codes and Department of Transportation requirements, including:

AASHTO	ETA-13 / 0840	ETA-05/0122	NF A 35-020-1
ACI 318 Type 1 (125% Specified Yield)	AS3600	ISO 15835	Turkish Seismic Code 2018
ACI 318 Type 2 (Specified Ultimate)	Eurocode 2	GOST 34278	US Army Corps of Engineers

Detail

MECHANICAL GROUND ROCKBOLT

Regbar Rockbolt is a unique combination rock bolt system. It offers the combined advantages of anchoring and then a fully filled rock bolt at the same time. Two-stage installation procedure enables quick installation and in-site anchoring, separate and independent injection, flexibility with respect to operating cycles.



Due to the controlled injection procedure and different iron platings, **Regbar Rockbolt Rock Bolts** is a reliable soil control system for underground applications. **Performance of Regbar Rockbolt** has been proven in various underground construction projects. The system has become a standard in today's most advanced soil control procedures.

HEADQUARTERS

Caferağa Mah. Albay Faik Sözdener Cad.
No:7/23 Kadıköy - İstanbul - TURKEY
Phone: +90 216 405 21 55 pbx
E-mail: info@regbar.com

PLANT

Sanayi Mah. İzmit Sanayi Sitesi
13. Cadde 318 Blok Apt. No: 318/132
No:9 İzmit - Kocaeli - TURKEY
Mobile: +90 541 932 37 51

RUSSIA BRANCH

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



REG 555 / 700 GR 81 & REG 500 / 550 GR 75

Product Code	Bar Sizes Q [mm]	Threading Length A [mm2]	Length of Bolt G[kg/m]	Type	Strenght Detail F [Kñ]	Nut F [kñ]	Dome Nut SW x L x d [mm]	Plate a x t x d [mm]	Coupler d x L [mm]
RCBT12	14	113	0,89	Reinforcement systems	62	22 x 25		40 x 6 x 16	22 x 75
RCBT14	16	154	1,21		85	27 x 35			27 x 90
RCBT16	19	201	1,58		110	32 x 40	27 x 33 x 35	50 x 8 x 20	32 x 105
RCBT20	23	314	2,47		175	36 x 45	36 x 42 x 49	60 x 10 x 25	36 x 120
RCBT25	29	491	3,85		270	41 x 50	41 x 45 x 55	70 x 12 x 30	40 x 135
RCBT28	32	616	4,83	Geotechnical Rods	340	46 x 50	41 x 54 x 62	85 x 14 x 33	45 x 145
ANPL32	36	804	6,31	Post-tensioning Bars	440	55 x 60	46 x 57 x 70	100 x 15 x 38	52 x 160
ANPL36	41	1020	7,99	Mining and tunneling Rods	560	60 x 65		150 x 35 x 42	60 x 170
ANPL40	45	1260	9,87		799	65 x 70	60 x 70 x 88	120 x 17 x 47	65 x 190
ANPL43	48	1452	11,4		1080	70 x 75	70 x 80 x 100	185 x 45 x 50	80 x 200
ANPL50	56	1960	15,4		1818	79 x 90	80 x 85 x 107	150 x 20 x 58	80 x 235
ANPL57	63	1960	15,4		2215	90x110x102	90 x 100 x 120	250 x 55 x 67	102 x 260
ANPL63	70	3167	24,86	Tie rods	3167	100x115x108	100 x 115 x 144	265 x 60 x 74	102 x 300
ANPL75	82	4418	34,68		4418	100x100x108	100 x 120 x 160	320 x 70 x 86	108 x 270



HEADQUARTERS

Caferağa Mah. Albay Faik Sözdener Cad.
No:7/23 Kadıköy - İstanbul - TURKEY
Phone: +90 216 405 21 55 pbx
E-mail: info@regbar.com

PLANT

Sanayi Mah. İzmit Sanayi Sitesi
13. Cadde 318 Blok Apt. No: 318/132
No:9 İzmit - Kocaeli - TURKEY
Mobile: +90 541 932 37 51

RUSSIA BRANCH

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



- Ground support for partially accessible or non-accessible areas throughout their operational life.
- For permanent roads and excavations,
- Hydro-electrical and underground oil or gas storage caves,
- Undersea or sewerage tunnels,
- Efficient, practically proven and reliable rock reinforcement system,
- The combination of a sudden point anchor and a fully loaded rock bolt,
- Load capacity immediately after assembly with mechanical anchor,
- Fast assembly and flexible post grouting behind the work surface
- Double corrosion protection by polyethylene coupler and mortar coating,
- Easy adjustment of corrosion protection level according to customer demands,
- It can be used for semi-automatic or manual installation procedure.



Regbar Construction
Technology



HEADQUARTERS

Caferağa Mah. Albay Faik Sözdener Cad.
No:7/23 Kadıköy - İstanbul - TURKEY
Phone: +90 216 405 21 55 pbx
E-mail: info@regbar.com

PLANT

Sanayi Mah. İzmit Sanayi Sitesi
13. Cadde 318 Blok Apt. No: 318/132
No:9 İzmit - Kocaeli - TURKEY
Mobile: +90 541 932 37 51

RUSSIA BRANCH

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





REGBAR

CONSTRUCTION TECHNOLOGY SOLUTIONS



www.regbar.com

info@regbar.com

HEADQUARTERS

Caferağa Mah. Albay Faik Sözdener Cad.
No:7/23 Kadıköy - İstanbul - TURKEY

Phone: +90 216 405 21 55 pbx

E-mail: info@regbar.com

PLANT

Sanayi Mah. İzmit Sanayi Sitesi
13. Cadde 318 Blok Apt. No: 318/132

No:9 İzmit - Kocaeli - TURKEY

Mobile: +90 541 932 37 51

RUSSIA BRANCH

Lesnaya Plaza 4, 4th Lesnoy

Pereulok No: 24/8 125047

Moscow / RUSSIA