

GROUND EQUIPMENT



REGBAR
CONSTRUCTION TECHNOLOGY SOLUTIONS

ANCHORAGE

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Properties

Equipment is not transported due to on-site manufacturing.

- ▶ Easy and fast installation.
- ▶ No need for additional special tools.
- ▶ No torque requirement.
- ▶ 2009 International Building Code (IBC) , 2009 International Residential Code (IRC) ,State Departments of Transportation TS500, TS 708, ISO 15832



It is the connection of steel rebar into the concrete in the reinforced concrete construction. The covering is connected to the ground with anchorage bars (generally steel bars) on regular basis to keep the facade lining in the piles. The anchorage with one bar is made with drilling the ground, laying the steel bars into the hole and injecting the space around the bar (if available, by drawing casing pipe) by using 20-30 cm auger in diameter, drill or drifter, casing pipe if required.

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

AASHTO	ACI 349	IBC Type 1 (125% Specified Yield)	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



HEADQUARTERS

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PLANT

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RUSSIA BRANCH

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



Detail

Regbar high-strength reinforcement threading machines enable flawless thread cutting in every quality of rebar detailed in below table. Mobile Regbar equipment enable on-site processing without the need to carry equipment. Thus, both the cost and time loss resulting from transportation of equipment is prevented and work is followed much better.



The injection is applied in the length out of active area. The anchorage bars are fixed to the facade lining. In some situations, the pre-stress is applied to the bars. While the anchorage bars drop by the tensile strength, it is met with frictions around the anchorage bars. To sum up, it is the process of mounting or fixing a block to a more durable and stable place behind it. It is the process of fixing the unstable soil to a more durable part behind it (sometimes to the durable soil behind it, sometimes to the available soil by trusting only the friction of the anchorage or to the reinforced concrete pile which is piled / poured on the back side before) in order to prevent the potential landslide. Regbar presents optimum solutions by carrying out the demanded anchorage threading in-place with the high technological mobile equipment sent to your site with no extra rebar logistic cost.

Regbar Construction
Technology



Product Code	Bar Sizes			Length	
	Metric [mm]	US	Canada	[mm]	['"]
ANCHRG12	12	#4	10M	38	1-1/2
ANCHRG14	14	-	-	42	1-21/32
ANCHRG16	16	#5	15M	47	1-27/32
ANCHRG18	18	-	-	50	1-31/32
ANCHRG20	20	#6	20M	54	2-1/8
ANCHRG22	22	#7	-	58	2-9/32
ANCHRG26	26	#8	25M	60	2-23/64
ANCHRG28	28	#9	30M	68	2-43/64
ANCHRG30	30	-	-	70	2-3/4
ANCHRG32	32	#10	-	72	2-53/64
ANCHRG36	36	#11	35M	78	3-5/64
ANCHRG40	40	-	-	80	3-5/32

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