











MADE IN TURKEY

One and Only producer in Turkey. Biggest producer in our region and one of the important producer in our sector.



GEOGRAPHICAL ADVANTAGES

Located in Istanbul where is one of the largest logistic base of Turkey and the World.



QUALITY CONTROL PROCESS

Production policy is created in consideration of quality control regulations and needs.



SPOKEN LANGUAGES

English, Turkish, Italian, Japanese.



ENVIRONMENT FRIENDLY PRODUCTION

We are aware of our nature is one of the most important legacy which we will leave to next generations therefor our production system is created based on environment friendly perspective.



MANUFACTURE FOR EACH CLIENT

With solution oriented working principals, our primary focus is easing our partner's work in construction sites.











WHY US?



Dedication to State-of-the-art Technology

- Continuous focus on technological advancement, fast adoption of state-of-the-art technologies for optimal proposition.
- Positioning not as a low-cost supplier, but as provider of superior Tunneling Construction technology solutions.

Long-term Relations

- True understanding of the each other's strategy, organization and people Prerequisite for successful business relations.
- Long-term perspective required for such understanding.

Investment in Human Resources

- · Critical for success in the global market: Development of the right HR infrastructure.
- Majority of senior management educated and professional experienced in Europe, many fluent in English.

Providing construction of Excellence.

- In case of every special challenging constructs, supply of the specific quality requirements are must.
- Given the positioning as a experience technology providers, development of superior capabilities is an obvious consequence.

Being Solution Partner

- · We aware of our partners are under tremendous pressure to reduce costs and complexity.
- MOYA's key strategy is to take-over maximum value-added operations to provide complete solutions including production and assembly.

Advantages of Turkey

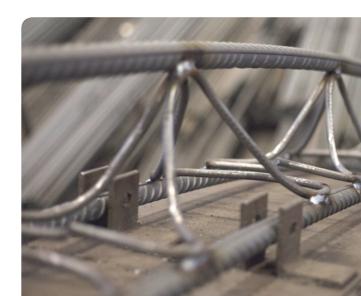
- Turkey as the emerging manufacturing powerhouse due to dynamic workforce, cost-competitiveness and logistical advantages.
- Utilizing these advantages, based on our long year experience and required technical know-how.

CAPABILITY OVERVIEW

- Tunneling
- Mining
- Hydroelectric Plant
- Civil Construction
- Steel Construction
- Soil Stabilization

PRODUCTS

- Lattice Girders
- Profile Arch
- Join Plates
- Connecting Bolts
- Umbrella Arch Systems
- Rock Bolts
- Sub-Assembly





DESIGN & ENGINEERING

- Providing the right engineering solutions is MOYA's core competence.
- Excellent process control.
- Maximum collaboration with our partners to develop competitive solutions.
- Where possible role as co-designer for development of new products.
- Application of auxiliary devices for high quality.
- Concept and physical properties of each project are critical success factor in our Projects.



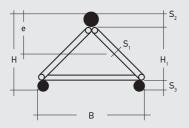


QUALITY POLICY

- Quality is MOYA's fundament and determinant of all our actions.
- Systematic, methodical problem solving approach.
- Our partner's confidence in our quality approach is the main driver of our market success.

PRODUCTS

LATTICE GIRDER MANUFACTURE



Lattice Girder Bar Meterial

Tensile Strength 80ksi (550 MPa) min. Yield Strength 70ksi (480 MPa) min. Elongation 10% minimum

Connecting Bolts

ASTM A 325N Ø 3/1" minimum



PROFILE ARCH MANUFACTURE

E	ENDING	CAPACITY	
HPK 2	00	НРК 2	40
SIZE	MIN. DIA.	SIZE	MIN. DIA.
200 x 50	3500	200 x 70	3800
350 x 80	2500	380 x 80	2500
120 x 120	3000	130 x 130	2500
Ø 120	3000	Ø 150	3000
Ø 273 x 5,6	10000	Ø 300 x 5,9	9000
Ø 9" x 6,3	4000	Ø 10" x 9,27	5000
220 x 80 x 7	7000	300 x 100 x 10	8000
180 x 10	5500	200 x 10	6000
200 x 200 x20	3000	200 x 200 x24	3000
200 x 200 x18	5000	200 x 200 x18	4000
200 x 20	3500	200 x 28	3000
200 x 20	3500	200 x 20	3500
200 x 20	4000	200 x 28	3000
UPN 380	3000	UPN 450	3000
UPN 380	3500	UPN 450	3500
IPN 360	3500	IPN 450	3500
HEB 240	3000	HEB 300	4000
UPN 260	12000	UPN 260	12000
IPN 260	10000	IPN 300	12000
HEB 180	6000	HEB 200	7000









Epiroc

UMBRELLA ARCH SYSTEM





Locked









8092400954 P89/8-54-T38 PILOT P89/8-54-RING BIT SET

Designation Code
P114/10-75-T38 PILOT
P114/10-75-RING BIT SET
P140/10-100-T45 PILOT
P140/10-100-RING BIT SET

Product Number	Designation Code
8092402721	P102/8-65-T38 PILOT
8092402722	P102/8-65 RING BIT SET
8092403633	P168/12.7-123-G2- DHD350 PILOT
8092403634	P168/12.7-123-G2 RING BIT SET

ROCK BOLTS

8092400976





 $\textbf{Diameters} \ \emptyset 40, \ \emptyset 32, \ \emptyset 28, \ \emptyset 26, \ \emptyset 25, \ \emptyset 24, \ \emptyset 22, \ \emptyset 20$ Material All requested quality of rebar

L : Length of Rock Bolt	D : Diameter of Rock Bolt
L1 : Length of Thread	D1 : Diameter of Thread

3					
ORDER NUMBER	L (m)	L1 (mm)	D (mm)	D1 (mm)	NUT
RB263M	3	120	26	M24	M24 DIN934
RB264M	4	120	26	M24	M24 DIN934
RB266M	6	120	26	M24	M24 DIN934
RB2612M	12	120	26	M24	M24 DIN934
RB323M	3	120	32	M30	M24 DIN934
RB324M	4	120	32	M30	M24 DIN934
RB326M	6	120	32	M30	M24 DIN934
RB328M	8	120	32	M30	M24 DIN934
RB3212M	12	120	32	M30	M24 DIN934
RB404M	4	120	40	M36	M24 DIN934
RB406M	6	120	40	M36	M24 DIN934
RB408M	8	120	40	M36	M24 DIN934
RB4012M	12	120	40	M36	M24 DIN934

CNC PLASMA PLATE CUTTING

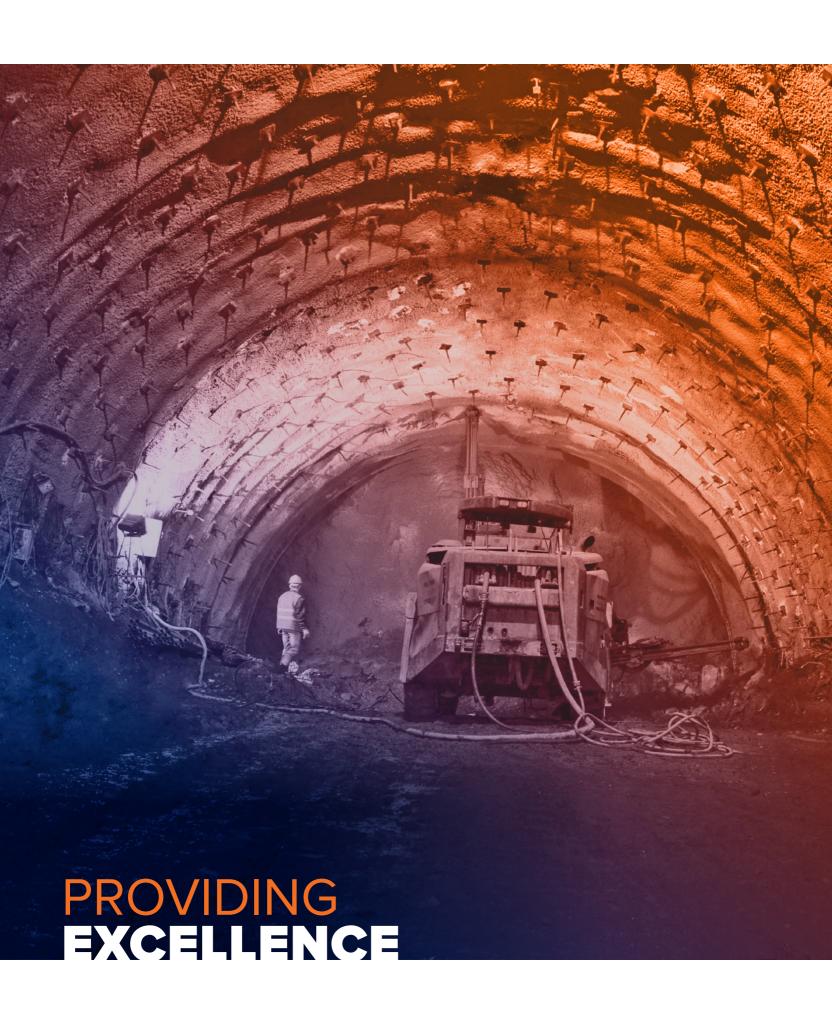
Thickness Min. 3mm - Max. 50mm **Dimensions** All dimension according to the Project. Material All requested quality of steel sheet.















Business Area:

Tunneling, Mining, Hydroelectric Plant and Civil Construction

Established in: 2011

Located in: EDIRNE / TURKEY

Business Mix:

100% production of Self-drilling anchor bolt's with hot-drawing method

Employees:

40+

Our factory has, 4.000 m² covered space and 5.000 m²

additional capacity is ready for ongoing projects Our factory located in Edirne on 15.000m², designed in accordance with MOYA Group's global expansion strategy.





WHY US?



Self-drilling bolt is manufactured in a way that pipes manufactured with hot-drawing method in accordance with API standards are drilled rounded screw outside with cold-rolling method.

It provides convenience in installation of drill bit, nipple and nut thanks to its rounded screw form. By this means, it increases adhesion performance of concrete to bolt.

Doing drilling and injection processes at one go without changing equipment decreases anchoring time for each hole half-and-half.

Without needing high priced drill bits, it performs drilling process with low priced bits.

It is the most ideal system for filling up injection excellently starting from the edge to the mouth of hole.

It enables to anchor more deeply and quickly due to its easily addable feature in comparison to other anchoring systems. It enables to drill and inject until 30 meter's by using nipples.

As it is in other anchoring systems, there is no need for drilling pre-pore and using anchor pipe. It provides stabilization of hole during drilling.

It provides to make strong anchor in the least volume. It optimizes needs for man and machine power.

Because it is able to be produced in different sections and diameters, a system appropriate for tensile strength required by the project can be formed.



CURRENT BUSINESS MIX

- Majority of business comes from Global Tunneling companies.
- · Underground mining.
- · Repair.
- Total and General contractor are strategically important to keep financial balance in different economic conditions.





DESIGN & ENGINEERING

- 'Self drilled bolting' system used as the most efficient solution to bolting; is defined as 'Self Drilling Anchor-Bolts' in international market.
- It is a unique solution for hard and fractured rock formations and unstable bases like gravelled, clayey, soft and non-homogeneous soil volumes.



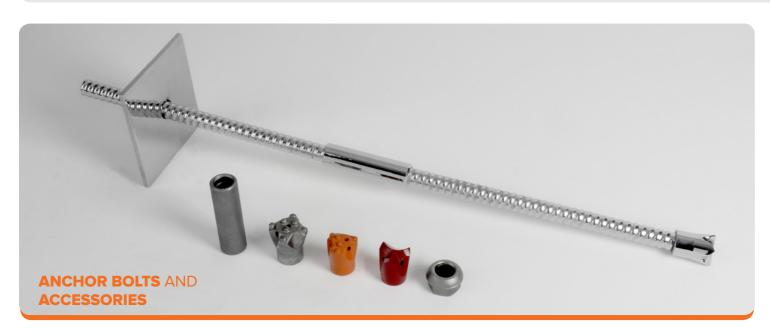


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PRODUCTS



ANCHOR BOLTS

SELF DRILLING ANCHOR-BOLTS	R-32 N	R-32 S	R-38 N	R-51 N
QUTER DIAMETER (mm)	32	32	38	51
INNER DIAMETER (mm)	18,5	15	19	33
CROSS SECTIONAL AREA (mm²)	396	488	717	939
ULTIMADE LOAD (kN)	280	360	500	800
YIELD LOAD (kN)	230	280	400	630
WEIGHT (kg)	3,4	4,1	6	8,4
THREAD TYPE		ISO10	0208	



▶ NUTS and CENTRALIZERS

ANCHOR NUT	R-32 N	R-32 S	R-38 N	R-51 N
KEY SIZE (mm)	46	46	50	75
LENGTH (mm)	45	45	50	70
UNIT WEIGHT (kg)	0,4	0,4	0,48	1,6
THREAD TYPE		ISO10	0208	
ANCHOR SPHERICAL NUT	R-32 N	R-32 S	R-38 N	R-51 N
KEY SIZE (mm)	46	46	-	-
LENGTH (mm)	37	37	-	-
UNIT WEIGHT (kg)	0,4	0,4	-	-
THREAD TYPE		ISO10	0208	





► ANCHOR PLATES

ANCHOR PLATE	R-32 N	R-32 S	R-38 N	R-51 N
SIZE (mm)	All Sizes	All Sizes	All Sizes	All Sizes
THICKNESS (mm)	10	12	12	40
HOLE DIAMETER (mm)	35	35	41	60
UNIT WEIGHT (kg) (est.)	3,1	3,7	3,6	18,5



EXTENSION COUPLINGS

EXTENSION COUPLING	R-32 N	R-32 S	R-38 N	R-51 N
OUTSIDE DIAMETER (mm)	42	42	51	63
LENGTH (mm)	145	190	220	190
UNIT WEIGHT (kg)	0,8	1	1,7	1,9
THREAD TYPE	ISO10208			
CROSSOVER				
COUPLING (L170mm/L500mm)	R-32 N	R-32 S	R-38 N	R-51 N
COUPLING	R-32 N 55/55	R-32 S 55/55	R-38 N 55/55	R-51 N
COUPLING (L170mm/L500mm)				R-51 N
COUPLING (L170mm/L500mm) OUTSIDE DIAMETER (mm)	55/55	55/55	55/55 170/500	R-51 N
COUPLING (L170mm/L500mm) OUTSIDE DIAMETER (mm) LENGTH (mm)	55/55 170/500	55/55 170/500 2,2/7,7	55/55 170/500	R-51 N



► ANCHOR DRILL BITS

CROSS EX/EXX ANCHOR DRILL BIT D51	R-32 N	R-32 S	R-38 N	R-51 N
OUTSIDE DIAMETER (mm)	51	51	74	115
UNIT WEIGHT (kg)	0,42	0,42	1,02	2,3
THREAD TYPE		ISO10	0208	
BUTTON ES-F ANCHOR DRILL BIT D51/D64	R-32 N	R-32 S	R-38 N	R-51 N
	R-32 N 51/64	R-32 S 51/64	R-38 N	R-51 N
DRILL BIT D51/D64				R-51 N
OUTSIDE DIAMETER (mm)	51/64	51/64	-	R-51 N - -









FACTORY

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