



**TOSCELİK  
NIKŠIĆ**

Special Steel

# Company Presentation



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**TRADITION OF  
QUALITY**

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# ABOUT US

## Tosyalı Holding

- ONE OF THE BIGGEST STEELMAKING GROUPS IN THE WORLD
- 3rd LARGEST PIPE MANUFACTURER IN EUROPE
- THE LARGEST PIPE MANUFACTURER IN TURKEY
- THE LARGEST STRUCTURAL STEEL MANUFACTURER IN TURKEY
- 1st PRIVATE FLAT PRODUCT PRODUCER IN TURKEY
- 5th LARGEST STEEL PRODUCER IN TURKEY
- OPERATING IN 3 COUNTRIES AND CONTINENTS WITH 20 FACILITIES

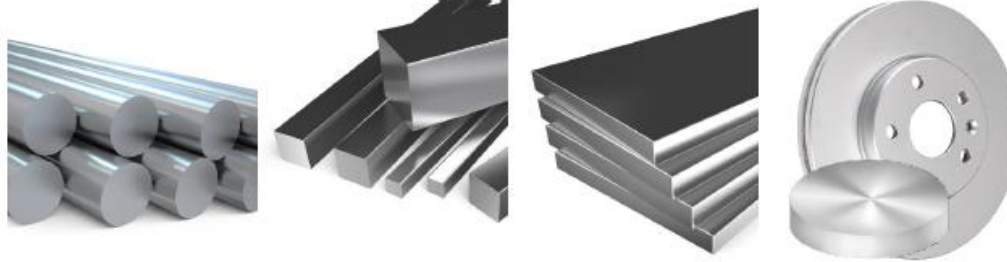
## Tosçelik Nikšić

- ONE OF THE MAJOR STEELMAKERS LOCATED IN MONTENEGRO
- THE PRODUCER OF HIGH ALLOYED AND SPECIAL STEELS IN A WIDE QUALITY AND SIZES
- THE PERFECT GEOGRAPHICAL AND STRATEGIC LOCATION
- EASY AND SMOOTH MATERIAL DELIVERIES TO OUR CLIENTS ANYWHERE IN THE WORLD IN THE SHORTEST POSSIBLE TIME PERIODS
- PAYING ATTENTION TO SMALL DETAILS, DEDICATION AND EXPERTISE OF OUR STAFF GUARANTEE A CLEAN QUALITY STEEL
- TOSYALI HOLDING GROUP COMPANY SINCE JUNE 2012

# PRODUCTS

- Forged Bars
- Ingots
- Mechanical Engineering
- Blooming Mill

# FORGED BARS



## Grades

We have 18MN presses that can be forging up to 9200mm length.

\*All the products are subject to heat treatment in modern heat treatment furnaces utilizing different procedures.

\*Black surface flat/square is not available.

FORGED:	ROUND	SQUARE	FLAT	DISC
	<p>Φ 180-550 mm rough turned</p> <p>Φ 200-570 mm without mechanical treatment</p>	200-450 mm milled	<p>800 x 120 – 300 mm</p> <p>700 x 120 – 320 mm</p> <p>600 x 120 – 350 mm</p> <p>500 x 120 – 400 mm</p> <p>400 x 120 – 500 mm</p>	600-900 mm
LENGTH	3000 – 6500 mm	3000 – 6500 mm	3000 – 6500 mm	150 – 300 mm
TOLERANCE	<p>-0/+3 mm rough turned</p> <p>-0/+8 mm without mechanical treatment</p>	-2/+3 mm milled material	-2/+3 mm milled material	-0/+3 mm rough turned

# INGOTS



INGOTS:	ROUND	SQUARE	POLYGONAL
SIZE (min-max mm)	Φ 240	280-320	8-10-12-16 faces
APPRX. WEIGHT (min-max kg)	2.000	2.850-3.500	5.000-10.250-13.000-19.000



# MECHANICAL ENGINEERING:

## MECHANICAL ENGINEERING:



## DRILLED BAR

Inner  $\Phi$  90 – 350 mm  
Outer  $\Phi$  180 - 550 mm

LENGTH

max 900 mm

TOLERANCE

Inner + -2 mm  
Outer -0/+3 mm



## OTHER TYPES:

Roll

Shaft

Axles

Gears

Bearing housings

Shaft housing

Ring

Processing of forgings  
after drawing

# BLOOMING MILL

BLOOMING MILL:	ROUND	SQUARE	FLAT	RECTANGULAR
SIZE (min-max mm)	Ø 80 - 170	80x145 120x370	60x200 - 100x350	100x200 - 160x350
LENGTH	3.000 - 10.000	3.000 - 10.000	3.000 - 10.000	3.000 - 10.000





# PRODUCT RANGE

## Stainless Steel

- Martensitic Stainless Steel

## Tool Steel

- Hot Work Tool Steel
- Cold Work Tool Steel
- Plastic Mould Tool Steel

## Alloyed Steel

- Bearing Steel
- Case Hardened Steel
- Heat Treated Steel
- Nitration Steel
- Free Cutting Steel
- Spring Steel
- Structural Steel

## Carbon Steel

- Carbon Steel
- Structural Steel
- Free Cutting Steel
- Case Hardened Steel

# END USE OF OUR PRODUCTS

Machine & Manufacturing Industry

Hand Tools Production Industry

Military and Defense Industry

Automotive Industry

Spring Production Industry

High Pressure Tubes Production Industry

Energy Industry

Mining Industry

Aircraft Industry

Ship Construction Industry

Petroleum Industry

Mold Manufacturing Industry



Oil and gas



Infrastructure



Roads



Machinery



Energy



Naval



Avio industry



Industry

# OUR R&D

## Chemical Laboratory

- Quantometer for testing chemical composition of steel
- Chemical laboratory for classic testing
- Our Testing Devices:

ARL ISPAK 8860  
SWISHER  
LECO CS



## Technical Laboratory

- Testing and controlling of semi-finished and finished products in steel mills and forges
- Our Testing Devices:

USM 35X  
NITON XLt

[www.toscelikniskic.me](http://www.toscelikniskic.me)

## Metallurgical Laboratory

- Mechanical and Metallographic testing of steel
- Our Testing Devices:

LOSENHAUSENWERK  
BRINEL, GEORG  
REICHERTER-ESSLINGEN  
JENA VERT 250CF  
CARL ZEISS,  
VEB MIKROMAT DRESDEN  
TVP-200  
BLUE ISLAND ILLIONIS

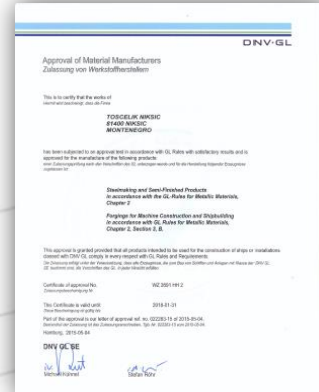
# OUR PRODUCTION CAPACITY



***We have a capacity of producing 3.000 tons per month within our facilities.***



# CERTIFICATES



# TOSÇELİK NIKŞİĆ WORLDWIDE



***Today we export our quality steel to the main export markets all around the world.***



# OUR REFERENCES

**SIEMENS**



**KOMATSU**

**JACQUET**



GERMANY



FRANCE



TURKEY



ITALY

**DURMA**

**IB STEEL**



SCHMOLZ + BICKENBACH



[www.tosceliknksic.me](http://www.tosceliknksic.me)

# CONTACTS

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[administration@toscelikniksic.me](mailto:administration@toscelikniksic.me)

## Social Media:

 Facebook

 Twitter

 Instagram

 LinkedIn

 Youtube



# **TOSÇELİK NIKSİC**

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Special Steel

**Thank You...**

[www.toscelikniksic.me](http://www.toscelikniksic.me)