



·02

**ABOUT**

·04

**BOZDAS**

**INDEX**

·08

**PRODUCTS**



·05

**FOREIGN TRADE**

·16

**SERVICES**





# SPECIAL STEELS FOR SPECIAL PARTNERS

Since 1984, with experience coming from the 1950s.

Founded in 1984 by the Bozdaş family in Istanbul, Kanat Çelik is a leading Turkish company specializing in high-quality specialty steels.

Building on the family's deep roots in the steel industry dating back to the 1950s, the company has become a trusted global supplier, exporting to over 35 countries, with 60% of its revenue coming from exports.

Its product range includes alloy steel bars, seamless pipes, and forged bars and blocks, offering over 1,000 product types supported by in-house services such as cutting, testing, packaging, and machining.

Certified with ISO 9001:2015, Kanat Çelik is committed to quality, innovation, and sustainability – actively supporting Green Steel initiatives and environmentally responsible practices across the steel industry.

Over 40 years  
of experience

Supply to more than  
10 industries

Exporting to more than  
35 countries

60% of the revenue  
comes from export sales

Over 1000 different  
types of products

40+

10+

35+

60%

1000+



## Industries Served

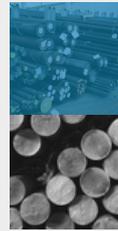
With the materials we supply, we help simplify life and enhance living standards.

- Automotive
- Machinery
- Plastic and Mold
- Fasteners
- Defence
- Agriculture
- Mining
- Aviation
- Maritime
- Renewable Energy
- Hydraulics
- Construction

## Company History Timelines

**1984**

Kanat Çelik started its commercial operations in 1984 in as a trade office located in Karaköy Perşembe Pazarı, İstanbul.



**2000**

In 2000, the İstanbul İkitelli warehouse and steel service center went into operation.

**2007**

The ISO 9001:2015 Quality Management System was established.

**2016**

The construction of the Esenyurt warehouse was completed, and all branches were consolidated under one roof.

**2025**

The construction of the Hadımköy warehouse, equipped with the latest technology and covering an area of 3,600 m<sup>2</sup>, was completed.

**1991**

Two warehouses were opened in Bayrampaşa, İstanbul.

**2002**

Kanat Çelik made its first export to Greece.

**2010**

Kanat Çelik carried out its first import from the Netherlands.

**2024**

The company entered the United Kingdom export market, launching the London-based website [steelbars.co.uk](http://steelbars.co.uk)

# GREEN STEEL

## A Sustainable Future with Green Steel

Kanat Çelik embraces the green steel vision by partnering with producers committed to environmental sustainability. Through the supply of eco-friendly products made with renewable energy and reduced carbon emissions, the company maintains a responsible supply chain approach. We aim to contribute to a cleaner, more sustainable future for generations to come.

## About Bozdas



BOZDAS GROUP OF COMPANIES

## kanatçelik

### Kanat Çelik Sanayi Ve Ticaret A.Ş.

Our group's parent company, Kanat Çelik San. ve Tic. A.Ş., has a strong foundation and extensive network in the iron and steel industry since 1984.

## steelbars

[www.steelbars.co.uk](http://www.steelbars.co.uk)

### [www.steelbars.co.uk](http://www.steelbars.co.uk)

[www.steelbars.co.uk](http://www.steelbars.co.uk) is the website through which Kanat Çelik carries out its marketing activities in the United Kingdom.

## SMLS

seamless steel pipe

### [www.smlssteelpipe.com](http://www.smlssteelpipe.com)

[www.smlssteelpipe.com](http://www.smlssteelpipe.com) is the website where Kanat Çelik markets its pipe products in the global market.

## bozdas

### Bozdaş Çelik Sanayi Ve Ticaret A.Ş.

International trade operations, including import and export, are managed by Bozdaş Çelik San. ve Tic. A.Ş., which specializes in global steel trading.



dikissiz  
celikcekme  
boru.com

### [www.dikissizcelikcekmeboru.com](http://www.dikissizcelikcekmeboru.com)

[www.dikissizcelikcekmeboru.com](http://www.dikissizcelikcekmeboru.com) is the website where Kanat Çelik markets seamless steel pipes. It is available in Turkish, English, French, and Ukrainian language options.

DASBOZ

### [www.dasboz.com](http://www.dasboz.com)

Dasboz is the company responsible for all design operations within the Bozdas Group. The main scope of the design agency's activities ranges from architecture to website design.



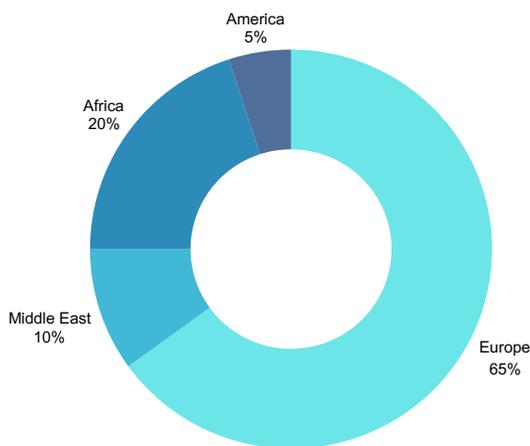
# EXPORT

Since 2002, Kanat Çelik has been exporting high-quality steel products to more than 35 countries, building strong credibility and a trusted reputation in the global steel market. With extensive experience, a robust supply network, and adherence to international standards, the company delivers reliable and sustainable solutions to its customers. Embracing the principles of green steel and sustainable trade, Kanat Çelik sources from environmentally responsible producers and supports the transition to a low-carbon future. Through its wide product range, strong inventory, and customer-focused approach, the company continues to grow and strengthen its position in global markets.

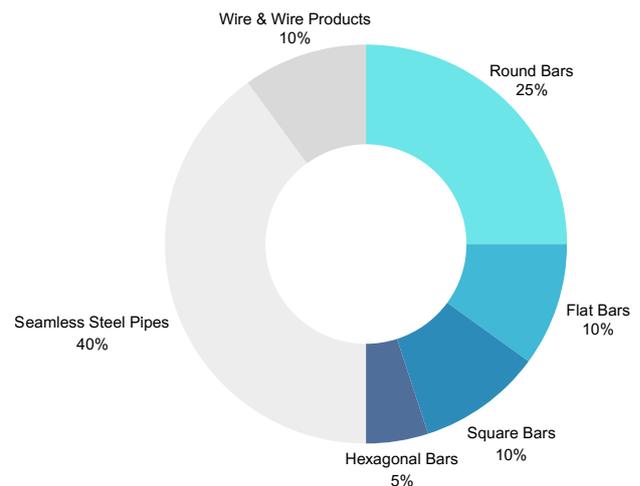
## We proudly export to:

**Albania, Algeria, Azerbaijan, Belgium, Brazil, Bulgaria, Canada, Cyprus, Egypt, France, Georgia, Greece, Hungary, India, Israel, Italy, Ivory Coast, Kazakhstan, Kenya, Kosovo, Cuba, Lebanon, Macedonia, Mexico, Moldova, Morocco, Romania, Saudi Arabia, Serbia, Slovenia, Spain, Syria, Tunisia, Ukraine, United Arab Emirates, Yemen and counting..**

Export Distribution By Region



Export Distribution By Product



# IMPORT



Kanat Çelik imports a wide range of steel products from around the world, focusing on materials that are either not produced or are limited in production within Türkiye.

By partnering with globally recognized and environmentally responsible manufacturers, the company ensures the supply of high-quality, sustainable, and green steel products to meet the diverse needs of its customers.

Through its extensive international network and expertise in global trade, Kanat Çelik provides reliable sourcing solutions, contributing to a more sustainable and efficient steel supply chain.



## Transit Export

Kanat Çelik conducts transit export operations, delivering steel products directly from global producers to customers abroad without entering Türkiye.

This model ensures competitive prices, fast delivery, and a broad product range, supported by the company's strong logistics network and expertise in international trade.

# PRODUCTS

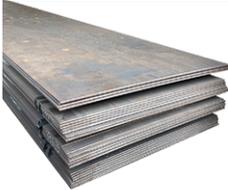


# Steel Shapes and Size Ranges by Production Techniques

ROUND BARS	d (Diameter)	Size Range (mm)		Dimensional Tolerances
		Min	Max	
	Hot Rolled	10,00	400,00	EN 10060 (DIN 1013)
	Cold Drawn	1,00	120,00	EN 10278 (h9-h11)
	Peeled	20,00	75,00	EN 10278 (h9-h11)
	Ground	16,00	85,00	EN 10278 (h9-h11)
	Forged	190,00	1500,00	EN 10250

FLAT BARS	Width x Thickness	Size Range (mm)		Dimensional Tolerances
		Min	Max	
	Hot Rolled	20,00x5,00	200,00x100,00	EN 10058 (DIN 1017)
	Cold Drawn	20,00x5,00	200,00x30,00	EN 10278 (h11)
	Forged	200,00x100,00	2000,00x500,00	EN 10250

SQUARE BARS	Dimension	Size Range (mm)		Dimensional Tolerances
		Min	Max	
	Hot Rolled	10,00x10,00	300,00x300,00	EN 10059 (DIN 1014)
	Cold Drawn	5,00x5,00	80,00x80,00	EN 10278 (h11)
	Forged	200,00x200,00	800,00x800,00	EN 10250

PLATES & SHEETS	Width x Thickness	Size Range (mm)		Dimensional Tolerances
		Min	Max	
	Hot Rolled	1000,00x5,00	2000,00x100,00	-
	Cold Drawn	1000,00x5,00	1000,00x20,00	-
	Forged	2000,00x100,00	2000,00x500,00	-

HEXAGONAL BARS	Dimension	Size Range (mm)		Dimensional Tolerances
		Min	Max	
	Hot Rolled	19,00	80,00	EN 10061 (DIN 1015)
	Cold Drawn	10,00	70,00	EN 10278 (h11)

SEAMLESS STEEL PIPES	Outside Diameter x Wall Thickness	Size Range (mm)		Dimensional Tolerances
		Min	Max	
	Hot Rolled	21,30 x 2,60	610,00x110,00	DIN 1629, EN10216-1, GOST 8731-8732
	Cold Drawn	Upon Request		

### What Is Seamless Steel Pipe?

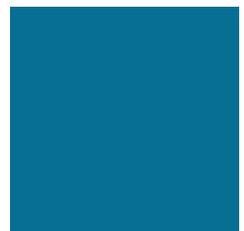
A seamless steel pipe is a type of pipe produced by piercing and hot drawing a solid steel billet, without any welded joints or seams. This manufacturing process ensures a uniform structure, providing excellent strength, pressure resistance, and durability. Because of these properties, seamless steel pipes are widely used in industries such as energy, petrochemical, automotive, construction, and machinery, where reliability and leak-proof performance are essential. **Kanat Çelik exports a significant volume of pipes to Europe.**

#### Available Steel Grades:

GB 20, S275Jr, St44, E275, 20#, S355Jr, St52

#### Grades Available Upon Request:

C45, 1045, 42CrMo4, 4140, 100Cr6, S355J2, 16MnCr5 etc



## Seamless Steel Pipes - Chemical Composition & Mechanical Properties

### Chemical Composition (DIN 1629, EN 10297-1, EN10216-1, GOST 8731-8732)

Standard	Steel Grade	C	Mn	Si	P	S	Cu	Ni	Cr	Mo	V	Al	N
DIN 1629	St 37.0	≤ 0.17			≤ 0.040	≤ 0.040							0.009 - 0.014
DIN 1629	St 44.0	≤ 0.21			≤ 0.040	≤ 0.040							0.009 - 0.014
DIN 1629	St 52.0	≤ 0.22	≤ 1.60	≤ 0.55	≤ 0.040	≤ 0.035						≤ 0.020	0.009 - 0.014
EN 10216-1	P195TR1	≤ 0.13	≤ 0.70	≤ 0.35	≤ 0.025	≤ 0.020	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.08	≤ 0.020		
EN 10216-1	P195TR2	≤ 0.13	≤ 0.70	≤ 0.35	≤ 0.025	≤ 0.020	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.08	≤ 0.020	≤ 0.020	
EN 10216-1	P235TR1	≤ 0.16	≤ 1.20	≤ 0.35	≤ 0.025	≤ 0.020	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.08	≤ 0.020		
EN 10216-1	P235TR2	≤ 0.16	≤ 1.20	≤ 0.35	≤ 0.025	≤ 0.020	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.08	≤ 0.020	≤ 0.020	
EN 10216-1	P265TR1	≤ 0.20	≤ 1.40	≤ 0.40	≤ 0.025	≤ 0.020	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.08	≤ 0.020		
EN 10216-1	P265TR2	≤ 0.20	≤ 1.40	≤ 0.40	≤ 0.025	≤ 0.020	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.08	≤ 0.020	≤ 0.020	
EN 10216-3	P355N	≤ 0.20	0,90-1,70	≤ 0.50	≤ 0.025	≤ 0.020	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.08	≤ 0.100	≤ 0.020	≤ 0.020

### Mechanical Properties (DIN 1629, EN 10297-1, EN10216-1, GOST 8731-8732)

Standard	Steel Grade	Heat Treatment	Yield Strength (MPa)			Tensile Strength (Mpa)	Elongation A5 Min (%)	Impact Energy (J)	Temperature of Application (°C)
			t 0 - 16 mm	t 16 - 40 mm	t 40 - 65 mm				
DIN 1629	St 37.0	U, N	235	225	215	350 - 480	25		300
DIN 1629	St 44.0	U, N	275	265	255	420 - 550	21		300
DIN 1629	St 52.0	U, N	355	345	335	500 - 650	21		300
EN 10216-1	P195TR1	U, N	195	185	175				
EN 10216-1	P195TR2	U, N	195	185	175	320 - 440	27		
EN 10216-1	P235TR1	U, N	235	225	215	360 - 500	25		
EN 10216-1	P235TR2	U, N	235	225	215	360 - 500	25	KV = 27 (0°C)	
EN 10216-1	P265TR1	U, N	265	255	245	410 - 570	21		
EN 10216-1	P265TR2	U, N	265	255	245	410 - 570	21	KV = 27 (0°C)	
EN 10216-3	P355N	U	355	345	335	490 - 650	22	KV = 27 (-20°C)	

### Dimensional Tolerance (DIN 1629, EN 10297-1)

Outside Diameter	Outside Diameter Tolerance	Outside Diameter	Wall Thickness Tolerance
D ≤ 100 mm	± 1% D (± 0,5 mm)	D ≤ 130 mm	t ≤ 2 < 2 < t ≤ 4 t > 4 + 15% / -10% + 12,5% / -10% ± 9%
100 < D < 200	± 1% D	130 < D ≤ 320 mm	t ≤ 0,05 D 0,05 D < t ≤ 0,11 D t > 0,11 D + 17,5% / -12,5% ± 12,5% ± 10%
D > 200 mm	± 1% D	320 < D ≤ 660 mm	t ≤ 0,05 D 0,05 D < t ≤ 0,09 D t > 0,09 D + 20% / -15% + 15% / -12,5% + 12,5% / -10%

### Dimensional Tolerance (EN 10216-1, EN 10216-3)

Outside Diameter	Outside Diameter Tolerance	Wall Thickness Tolerance			
		t/D ≤ 0,025	0,025 < t/D ≤ 0,05	0,05 < t/D ≤ 0,01	t/D > 0,1
D ≤ 291,1 mm	± 1% or ± 0,5 mm	± 12,5% or ± 0,4 mm			
D > 291,1 mm	± 1% or ± 0,5 mm	± 20%	± 15%	± 12,5%	± 10%

Seamless Steel Pipes Size Range																			
Nominal Pipe Size		Outside Diameter (mm)	Wall Thickness (mm)																
			Stainless Steel				Carbon Steel												
NPS (inch)	DN		SCH 5S	SCH 10S	SCH 40S	SCH 80S	SCH 10	SCH 20	SCH 30	SCH 40	SCH STD	SCH 60	SCH 80	SCH XS	SCH 100	SCH 120	SCH 140	SCH 160	SCH XXS
1/8	6	10.29		1.24	1.73	2.41	1.24		1.45	1.73	1.73		1.73	1.73					
1/4	8	13.72		1.65	2.24	3.02	1.65		1.85	2.24	2.24		3.02	3.02					
3/8	10	17.15		1.65	2.31	3.20	1.65		1.85	2.31	2.31		3.20	3.20					
1/2	15	21.34	1.65	2.11	2.77	3.73	2.11		2.41	2.77	2.77		3.73	3.73				4.78	7.47
3/4	20	26.67	1.65	2.11	2.87	3.91	2.11		2.41	2.87	2.87		3.91	3.91				5.56	7.82
1	25	33.40	1.65	2.77	3.38	4.55	2.77		2.90	3.38	3.38		4.55	4.55				6.35	9.09
1 1/4	32	42.16	1.65	2.77	3.56	4.85	2.77		2.97	3.56	3.56		4.85	4.85				6.35	9.70
1 1/2	40	48.26	1.65	2.77	3.68	5.08	2.77		3.18	3.68	3.68		5.08	5.08				7.14	10.15
2	50	60.33	1.65	2.77	3.91	5.54	2.77		3.18	3.91	3.91		5.54	5.54				8.74	11.07
2 1/2	65	73.03	2.11	3.05	5.16	7.01	3.05		4.78	5.16	5.16		7.01	7.01				9.53	14.02
3	80	88.90	2.11	3.05	5.49	7.62	3.05		4.78	5.49	5.49		7.62	7.62				11.13	15.24
3 1/2	90	101.60	2.11	3.05	5.74	8.08	3.05		4.78	5.74	5.74		8.08	8.08					
4	100	114.30	2.11	3.05	6.02	8.56	3.05		4.78	6.02	6.02		8.56	8.56		11.13		13.49	17.12
5	125	141.30	2.77	3.40	6.55	9.53	3.40			6.55	6.55		9.53	9.53		12.70		15.88	19.05
6	150	168.28	2.77	3.40	7.11	10.97	3.40			7.11	7.11		10.97	10.97		14.27		18.26	21.95
8	200	219.08	2.77	3.76	8.18	12.70	3.76	6.35	7.04	8.18	8.18	10.31	12.70	12.70	15.09	18.26	20.62	23.01	22.23
10	250	273.05	3.40	4.19	9.27	12.70	4.19	6.35	7.80	9.27	9.27	12.70	15.09	12.70	18.26	21.44	25.40	28.58	25.40
12	300	323.85	3.96	4.57	9.53	12.70	4.57	6.35	8.38	10.31	9.53	14.27	17.48	12.70	21.44	25.40	28.58	33.32	25.40
14	350	355.60	3.96	4.78	9.53	12.70	6.35	7.92	9.53	11.13	9.53	15.09	19.05	12.70	23.83	27.79	31.75	35.71	
16	400	406.40	4.19	4.78	9.53	12.70	6.35	7.92	9.53	12.70	9.53	16.66	21.44	12.70	26.19	30.96	36.53	40.49	
18	450	457.20	4.19	4.78	9.53	12.70	6.35	7.92	11.13	14.27	9.53	19.05	23.83	12.70	29.36	34.93	39.67	45.24	
20	500	508.00	4.78	5.54	9.53	12.70	6.35	9.53	12.70	15.09	9.53	20.62	26.19	12.70	32.54	38.10	39.67	50.01	
22		558.80	4.78	5.54			6.35	9.53	12.70		9.53	22.23	28.58	12.70	34.93	41.28	47.63	53.98	
24	600	609.60	5.54	6.35	9.53	12.70	6.35	9.53	14.27	17.48	9.53	24.61	30.96	12.70	38.89	46.02	52.37	59.54	
26		660.00					7.92	12.70			9.53			12.70					
28	700	711.20					7.92	12.70	15.88		9.53			12.70					
30		762.00	6.35	7.92		7.92	7.92	12.70	15.88		9.53			12.70					
32	800	812.80					7.92	12.70	15.88	17.48	9.53			12.70					
34		863.60					7.92	12.70	15.88	17.48	9.53			12.70					
36	900	914.40					7.92	12.70	15.88	19.05	9.53			12.70					
38		965.20									9.53			12.70					
40	1000	1016.00									9.53			12.70					
42		1066.80									9.53			12.70					
44		1117.60									9.53			12.70					
46		1168.40									9.53			12.70					
48	1200	1219.20									9.53			12.70					



## WIRE & WIRE PRODUCTS

Kanat Çelik provides reliable solutions for industries such as manufacturing, construction, energy, automotive, agriculture, and infrastructure with its wide range of wire and wire products.



**Black Annealed Wire**



**Cold Drawn Steel Wire**



**Standard Galvanized Wire**



**PVC Coated Wire**



**ACSR Wire**



**Armoring Wire**



**Spring Wire**



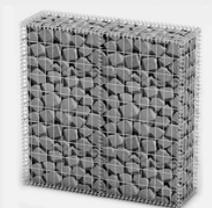
**Patented Phosphated Wire**



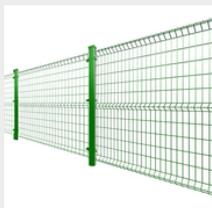
**Patented Galvanized Wire**



**Oiled Bailing Wire**



**Gabion Wire**



**Panel Fence**



**Chain Link Fence**



**Wire Rope**



**Wire Rod**

## Steel Grades and International Equivalents

Material No	EN	DIN	SAE/AISI/ASTM	BS	AFNOR
			1006		
			1008		
1.0037	S235Jr	St37-2	A283 Gr C	40A / 40B	E24-2
1.0044	S275Jr	St44-2	A53 Gr B	43A / 43B	E28-2
1.0045	S355Jr	St52-3	A572 Gr 50	50B (EN14)	E36-2
1.0577	S355J2	St52-3			E36-4
1.0570	S355J2G3	St52-3+N			
1.0050	E295	St50-2			A50-2
1.0060	E335	St60-2			A60-2
1.0070	E360	St70-2			A70-2
1.0401	C15	Ck15	1018	080A15	XC18
1.1151	C22	Ck22	1020	070M20	XC18
1.0528	C30	Ck30	1030	080M32	XC32
1.0511	C40	Ck40	1040	080M40	XC38
1.0503	C45	Ck45	1045	080M47	XC45
1.0540	C50	Ck50	1050	080M50	
1.0601	C60	C60	1060	070M60	
1.7225	42CrMo4	42CrMo4	4140	708M40 (EN19)	42CD4
1.7227	42CrMoS4	42CrMoS4	4140	708M40 (EN19)	42CD4
1.6580	30CrNiMo8	30CrNiMo8	4340		30NCD8
1.6582	34CrNiMo6	34CrNiMo6		817M40 (EN24)	
1.7035	41Cr4	41Cr4	5140	530M40	42C4
1.7218	25CrMo4	25CrMo4	4130		25CD4

## Steel Grades and International Equivalents

Material No	EN	DIN	SAE/AISI/ASTM	BS	AFNOR
1.6523	20NiCrMo2-2	21NiCrMo2	8620	20NCD2	
1.7131	16MnCr5	16MnCr5	5115	590H17	16MC5
1.7139	16MnCrS5	16MnCrS5	5115	590H17	16MC5
1.7147	20MnCr5	20MnCr5	5120		20MC5
1.7149	20MnCrS5	20MnCrS5	5120		20MC5
1.6587	18CrNiMo7-6	17CrNiMo6		820A16	18NCD6
1.5752	15CrNi13	14NiCr14			
1.0715	11SMn30	9SMn28	1213	230M07	S250
1.0718	11SMnPb30	9SMnPb28	12L13		S250Pb
1.0736	11SMn37	9SMn36	1215		S300
1.0737	11SMnPb37	9SMnpB36	12L14		S300Pb
1.0725	15SMn13	15SMn13	1117	214M15	
1.3050	100Cr6	100Cr6	52100	535A99 (EN 31)	
1.4021	X20Cr13	X20Cr13	420		

Kanat Çelik maintains a stock of steel in various shapes to meet your requirements. Please refer to the available shapes listed above. If the shape you need is not included, feel free to contact us directly.

### Some of steel grades are supplied as heat treated:

**+QT** (Quenched & Tempered) **+N** (Normalised) **+A** (Annealed)



# SERV



Kanat Çelik provides, tests, processes, and packages premium-quality steel products, exporting them to clients across the globe.



**SUPPLYING**



**TESTING**



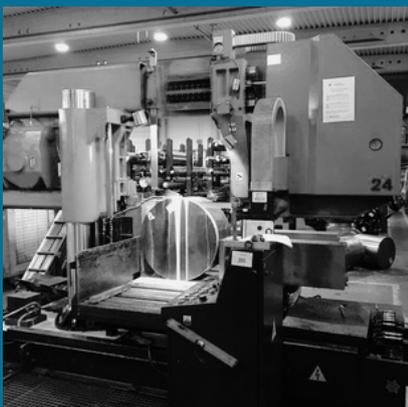
**CUTTING &  
MACHINING**



**PACKAGING**



**EXPORTING**



## CUTTING

Kanat Çelik operates 10 band saw machines at its cutting center, offering precise cut-to-size services for dimensions ranging from 20 mm up to 1010 mm.

# SERVICES



## TESTING

We provide 2.1 and 3.1 Mill Test Certificates for full traceability. Upon request, ultrasonic (NDT) tests and third-party inspections (e.g., TUV, SGS) can be arranged to ensure top quality.



## MACHINING

Kanat Çelik provides custom manufacturing solutions such a CNC machining on a subcontract basis according to customer specifications.



## PACKAGING

Packaging service is an important part of our quality commitment. We work to protect products through the packaging process and minimize any damage that may occur during transportation.

Available Packaging Options: Steel Strapping, Jute Paper Packaging (seaworthy), Wooden Box, Plastic Ring, Anti-rust Spray Application (upon request)



**Kanat Çelik Sanayi Ve Ticaret Anonim Şirketi (A.Ş.)**

Akçaburgaz Mah. 3038. Sok. No: 1 Esenyurt 34522, İstanbul - TÜRKİYE

T: 0090 212 671 38 38 M: 0090 535 715 11 22 E: info@kanatcelik.com W: [www.kanatcelik.com](http://www.kanatcelik.com)

**Notice**  
All texts, visuals, and designs featured in this catalog are the exclusive property of Kanat Çelik Sanayi ve Ticaret A.Ş. and are protected by copyright and intellectual property laws ©. The information in this catalog is intended as a general reference. While prepared with care, Kanat Çelik Sanayi ve Ticaret A.Ş. does not guarantee the accuracy or completeness of the details provided.



[www.bozdas.com](http://www.bozdas.com)