

STAINLESS STEEL WIRE
Global Leader!

KOS KOS LIMITED

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KOS

www.koswire.com



Advancing today's world technology into the future.

KOS chosen as the world's first class company in stainless steel wire business! With our dream of being safe and convenient world and bountiful tomorrow, we are expanding our market to Singapore, Shenzhen, Shanghai, Japan, U.S.A and Europe, etc, making steps into the world. We will not be self-satisfied. We will be KOS as the most specialized experts leading stainless wire fields and will continuously do hard working and create to make better future.

Dream Technology

Contents

- 08 _ Message from the CEO
- 10 _ Company History
- 12 _ Vision
- 14 _ Main Product
- 30 _ R & D
- 32 _ Production Facilities
- 34 _ Global Network

Quality & Service

We have the most qualified products and the best services.

We, inheriting alchemist's spirit of patience and challenge producing gold with metals, are pursuing to the best products exerting its excellence in any worse environments, which can be actualized with consistent strong intention of "Not taking out unfinished products" and excellent quality management system. Also, our endless efforts to offer best service and to give bigger satisfaction to our customers are building KOS brand image higher and approaching in the mind of citizens of the world, owed by the customer trust.





Protect the environment

We take care of people and their environment.

Environment is about the people enjoying a harmonized world. We are providing education to recognize the value of environment and the benefits of preserving it. Also, we are doing cautiously environmental management for the environmentally friendly process and product development by performing regular judge, inspection complying with the environmental laws.

KOS technology for people of the world



To all our valued customers...

I would like to take this opportunity to extend our deepest gratitude to all those who have supported our company. Through process innovation and continuous improvement KOSWIRE has continued to improve our product offerings as well as our commitments to our customers in the supply of the world's highest quality products. Customer satisfaction has and always will be our most important concern.

Throughout the 21st Century KOS has met or exceeded our customer's expectations for high quality stainless steel wires, ropes, and related products for use in a myriad of industrial and commercial markets. Our continued dedication to providing quality products, on-time delivery, and prompt technical support, cements our position and our commitment to be the world's best choice for our worldwide customers.

We are very proud of our three strategically located overseas manufacturing facilities. One near Atlanta, GA servicing the US market, another near Praha in the Czech Republic servicing our European customers. Our newest addition; KOS's recently acquired wire production facility located in Ho Chi Minh City in Vietnam. These plant investments illustrate and strengthen KOS's commitment to superior customer service by providing continent based on-time delivery, exceptional quality, and a consistent supply of products to our customers.

We realize that this tremendous growth is possible only through the continued support from you our valued customers. We would like to thank you for your continued support. Without it we would not be able to enjoy what we have been able to achieve. It is with our sincere gratitude that we thank you for affording us the opportunity to continue to grow and to strive to serve you even better. Our relationships are what we cherish, without them we are nothing.

Thank you for the opportunity to supply you with our products. We enjoy working together, and sharing in your growth, prosperity, and success.

Thank you again for your support!

CEO / Vice Chairman KOS Group **Sid Ryoo**

KOS = ing...

We will take our 50 year knowledge
into the next millenium.

▶▶▶▶

1977~1980

- Apr. 1977 Established Samrak Factory
- Nov. 1979 Awarded by Prime Minister (the 16th Export Day)
- Apr. 1980 Established Yusan Factory

1981~1990

- May 1982 Established Seoul Head Office
- Nov. 1986 Awarded export tower prize for \$ 10,000,000 export sales
- May 1989 Established KOS TECH Co., Ltd. for stainless wire rope factory
- Jul. 1989 Established Keum Jung Co., Ltd. for stainless wire mesh factory
- Jan. 1990 Established KOS Europe GmbH in Duesseldorf
- Apr. 1990 Approval for KS,, spring / CHQ , STS WIRE

1991~2000

- Jan. 1995 Established KOS America Inc. in New Jersey
- Jun. 1995 Established KOS Japan in Tokyo and Osaka
- Jan. 1996 Approval for ISO 9002 certified to stainless wire rope
- Mar. 1996 Awarded Tin Industrial Medal from the government
- Aug. 1996 Approval for ISO 9002 certified to stainless wire
- Aug. 1997 Approval for JIS certified to stainless spring wire
- Oct. 1997 Established KOS Hong Kong
- Apr. 1999 Established KOSWIRE Ltd. for stainless spring wire factory
- Aug. 1999 Began to manufacture control cable at Samrak factory of KOSWIRE Ltd.

2001~2010

- Feb. 2000 Established KOS Singapore PTE.
Approval for ISO 9001/2000 v. certified to KOS TECH Ltd.

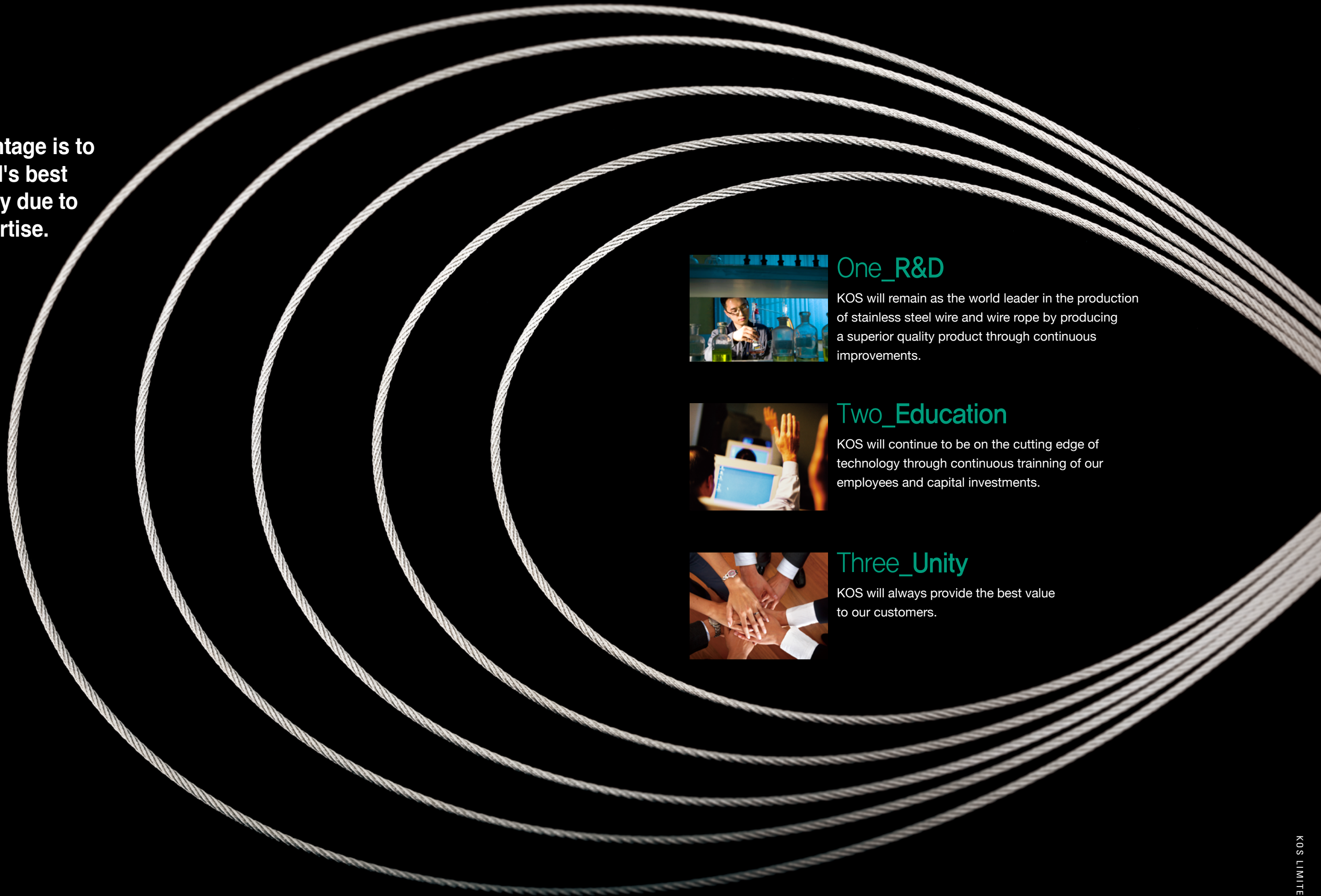
- Mar. 2001 Rebuilt Gamjeon factory of KOSWIRE Ltd. for miniature cable
- Apr. 2001 Moved to Head Office in Yongsan, Seoul
- Sep. 2002 Established Atlanta factory of KOSWIRE Ltd. for spring wire.
- Feb. 2003 Established KOS Shanghai Office
Established Uiryeong factory of KOSWIRE Ltd. for stainless spring wire & hard wire
- May 2003 KOS LIMITED was chosen as a world class manufacturer of
stainless steel wire in May 2003 awarded by Korea
Ministry of Commerce, Industry & Energy
- Jan. 2005 Approval for ISO/TS16949
- Nov. 2005 Awarded 100 Million US Dollar Tower on the 42nd Annual Trade Day.
(KOS LIMITED: 50 Million / KOS TECH LTD: 30 Million / KOSWIRE LTD: 30 Million)
- Oct. 2007 Established KOSWIRE Turkey Office
- Jan. 2008 Established KOS Shenzhen Office
- Jun. 2008 Established KOSWIRE Europe s.r.o. for spring wire factory
- Oct. 2009 Established KOS SHANGHAI TRADING. LTD.
- Dec. 2009 Approval for ISO 9001(KOSWIRE EUROPE s.r.o.)
- Jan. 2010 Established KOSWIRE Italia Office

2011~Now

- Jan. 2011 Approval for ISO 9001(KOS AMERICA INC.)
- Jul. 2012 Changed company name from KOS TRADING COMPANY to KOS LIMITED
- Jul. 2012 KOS TECH merged into KOS
- May 2013 Approval for ISO/TS 16949(KOSWIRE EUROPE.sr.o.)
- Jul. 2013 Established KOS LTD. Thailand Office
- Aug. 2014 Moved to Head office in KCCI Bldg 6th Floor, Seoul
- Feb. 2015 Acquired Vietnam Factory
- May. 2016 Established Haman factory of KOS GLOBAL Ltd.
- Jan. 2017 Established Hanoi Plant in Vietnam
- Jan. 2018 Approval for IATF 16949

Global Brain

Our competitive advantage is to be known as the world's best stainless wire company due to our accumulated expertise.



One_R&D

KOS will remain as the world leader in the production of stainless steel wire and wire rope by producing a superior quality product through continuous improvements.



Two_Education

KOS will continue to be on the cutting edge of technology through continuous training of our employees and capital investments.



Three_Unity

KOS will always provide the best value to our customers.

Products

Customers will associate the best with only the name of KOS.



We are surrounded by STAINLESS STEEL WIRE in the high tech world that we live in today. Almost every daily activity is influenced by the use of stainless steel wire. We see it used widely in food processing equipment, medical application, automotive, aerospace, environmental and the list goes on.

The Superior Quality of KOS STAINLESS STEEL WIRE is achieved by using the finest raw materials available, the most modern equipment in the industry and the highest skilled employees. With our many manufacturing plants in Korea, we serve the world through our KOS overseas network. They are located in USA, Germany, Japan, China(Shenzhen, Shanghai), Czech, Singapore and Turkey.

We always strive to produce the products of tomorrow, today, through continuous improvement programs.

▪ **Stainless Steel Wire**

- Spring Wire
- Weaving Wire
- Braiding Wire
- Knitting Wire
- Cold Heading Wire
- Free Cutting Wire
- General Purpose Wire

▪ **Stainless Steel Wire Rope**

- General Wire Rope
- Flexible Wire Rope
- Control Cable
- Miniature Cable
- Kosform Strand

▪ **Stainless Flat Wire**

▪ **Nickel Coated Carbon Wire**

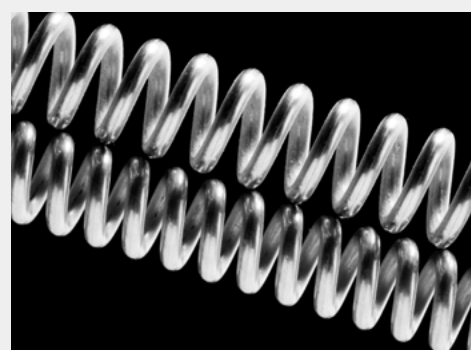
▪ **Nickel Alloy Wire**

▪ **Titanium Wire**



SPRING WIRE

The extremely precise components will increase the value of the products.

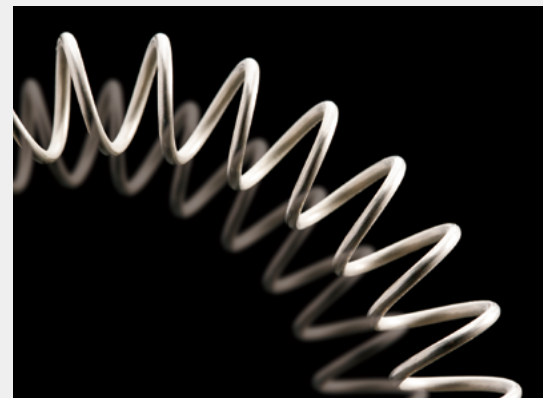
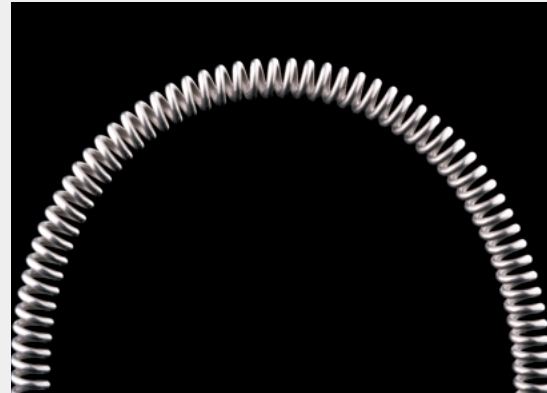


KOS SPRING WIRE has achieved an excellent reputation through our research and development to produce the highest quality in the industry. We produce spring wire using selected raw material of AISI 302,304,316 and 631J1. Our unique coatings and excellent pay-off ability will allow high-speed spring manufacturing possible.

Special Characteristics

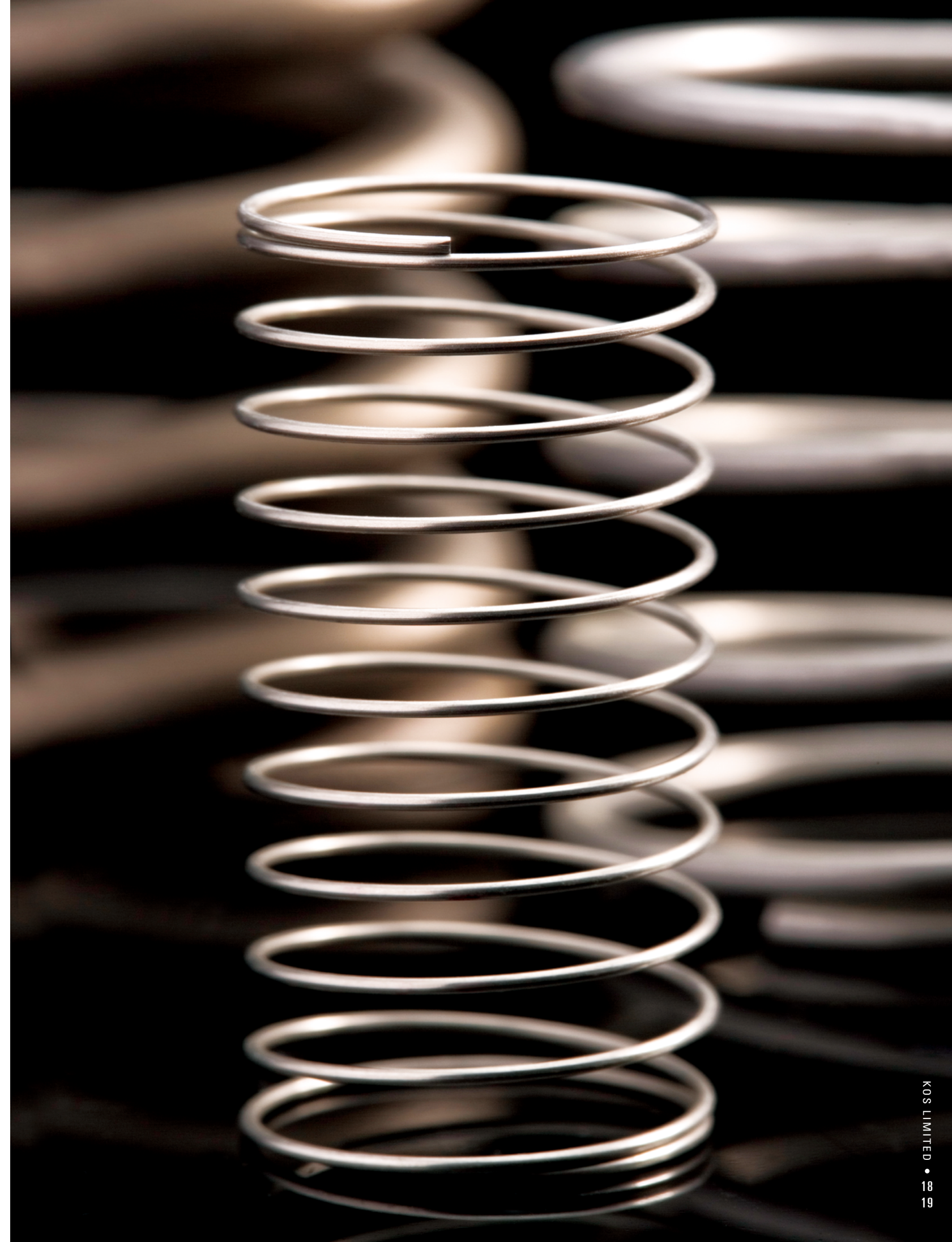
- High corrosion resistance
- Excellent productivity from nickel coated spring wire
- Nickel coating helps to keep wire brightness and allows for good solderability.

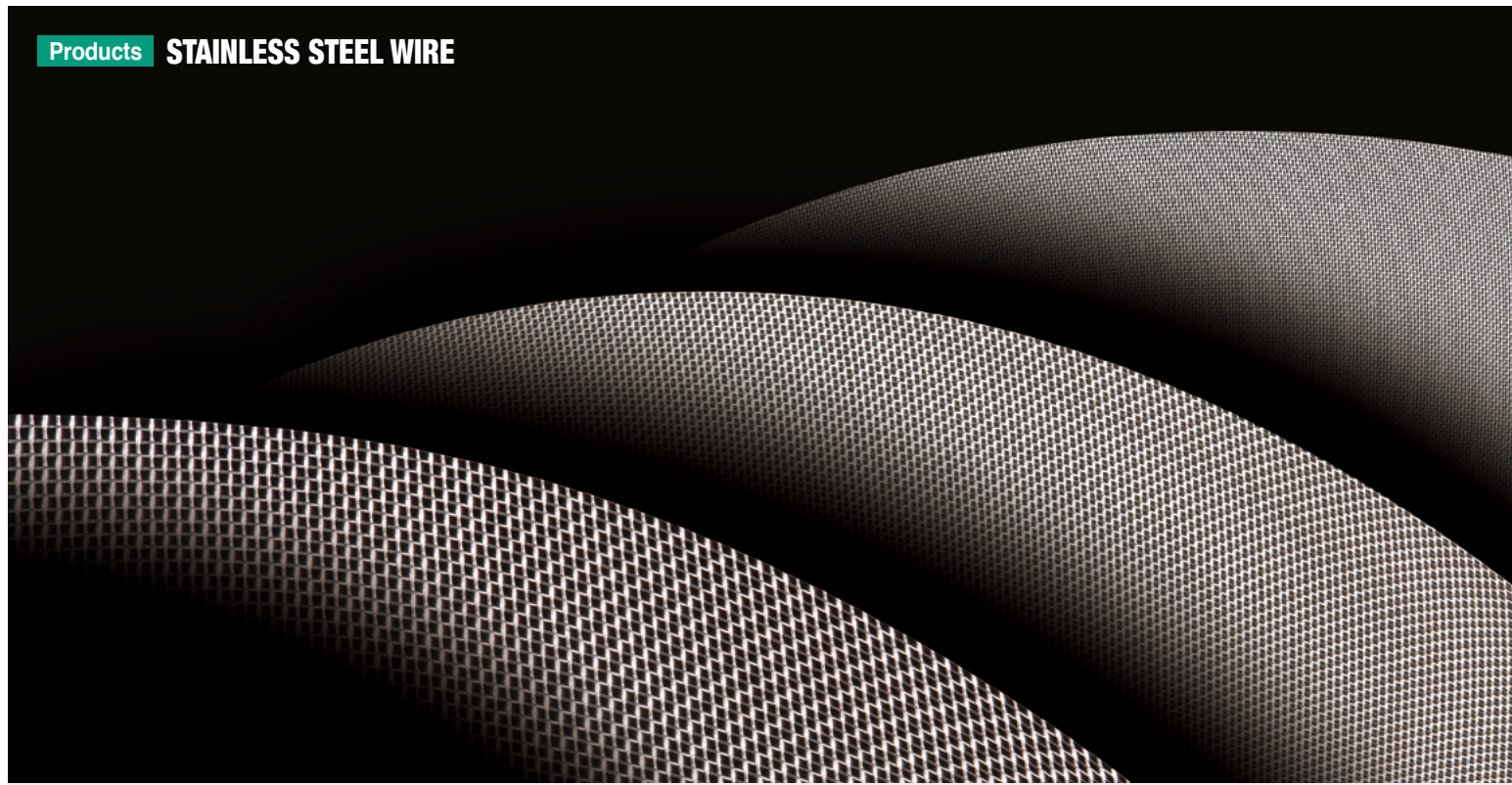




SPRING WIRE

**KOS technological process shows to advantage
for high-speed spring manufacture.**





WEAVING · BRAIDING · KNITTING WIRE

Strictly selected raw materials and KOS technology guarantees the most qualified products

These applications are widely used in automotive, printing, filtration and etc. We produce ultra fine wire(less than 0.05 mm, 0.002") for the high-end electronic industry. Each application has a separate process control to ensure the best quality for your production.

We carefully select the raw material and use unique lubricants in our process to guarantee perfect quality wire every time.

We offer a wide range of package,from small to one of the largest packages in the industry, to fit your production needs.

Special Characteristics

- Superior bright surface
- Consistent mechanical properties
- Optimum lubrication for each customer's operation condition
- Perfect winding condition



ISO 9002 Certification



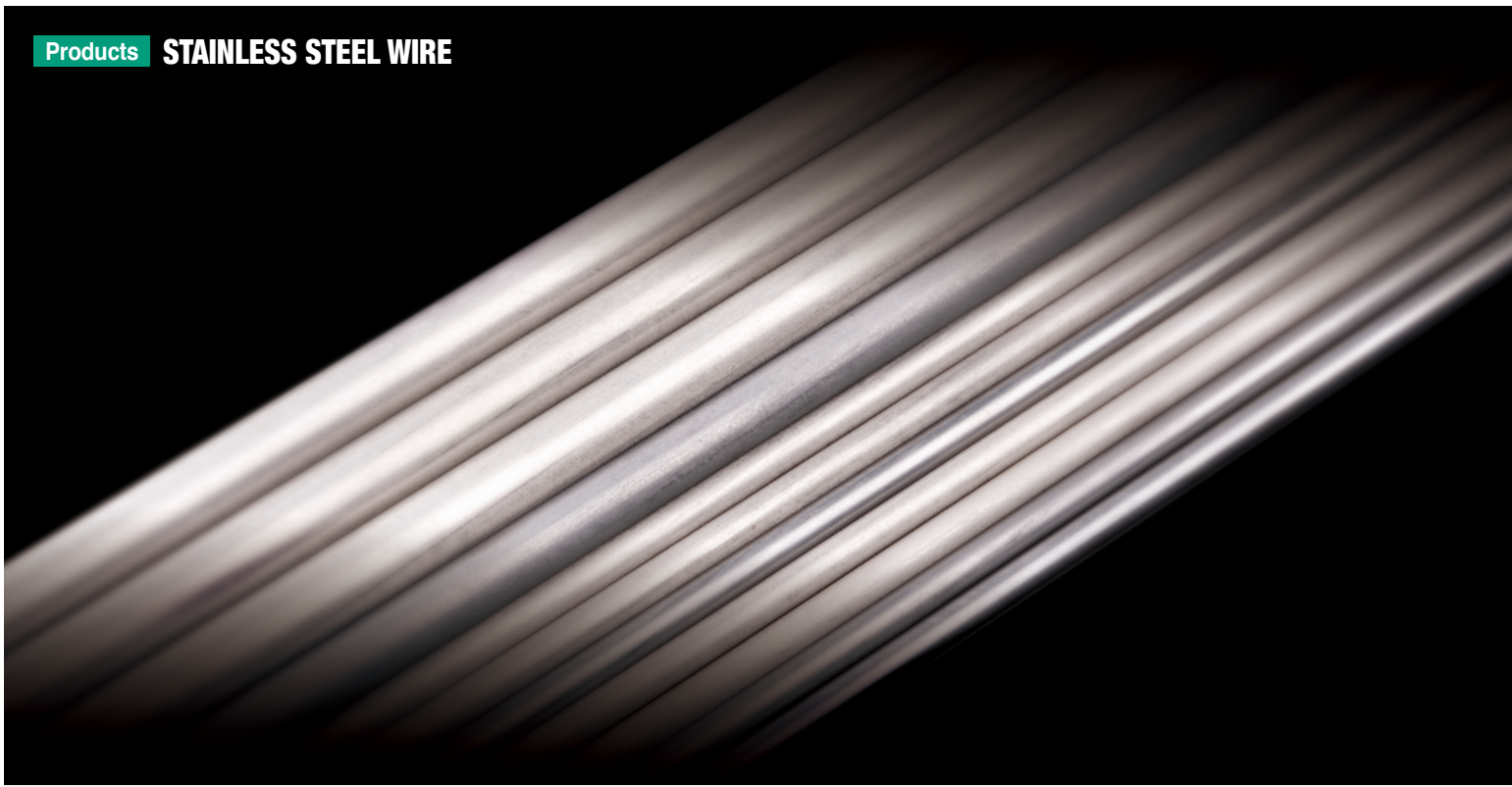
COLD HEADING WIRE

You do not need to speak about the development of completed products. We will lead the market with the development of the new and strong items.

Over the last 10 years KOS has been improving the quality of cold heading wire especially for the complicated products like hexagonal bolts, truss screws, pivot screws and small rivets at remarkably higher speed in cold heading.

Special Characteristics

- Improved cold headability by special surface coating (G-Coating)
- Enhanced punch and die life to improved lubrication between heading tool and wire surface.
- Eco-friendly coating(G-Coating) to guarantee more comfortable and clean working environment.
- Continuous production for the longer time by enlarged carrier packing.



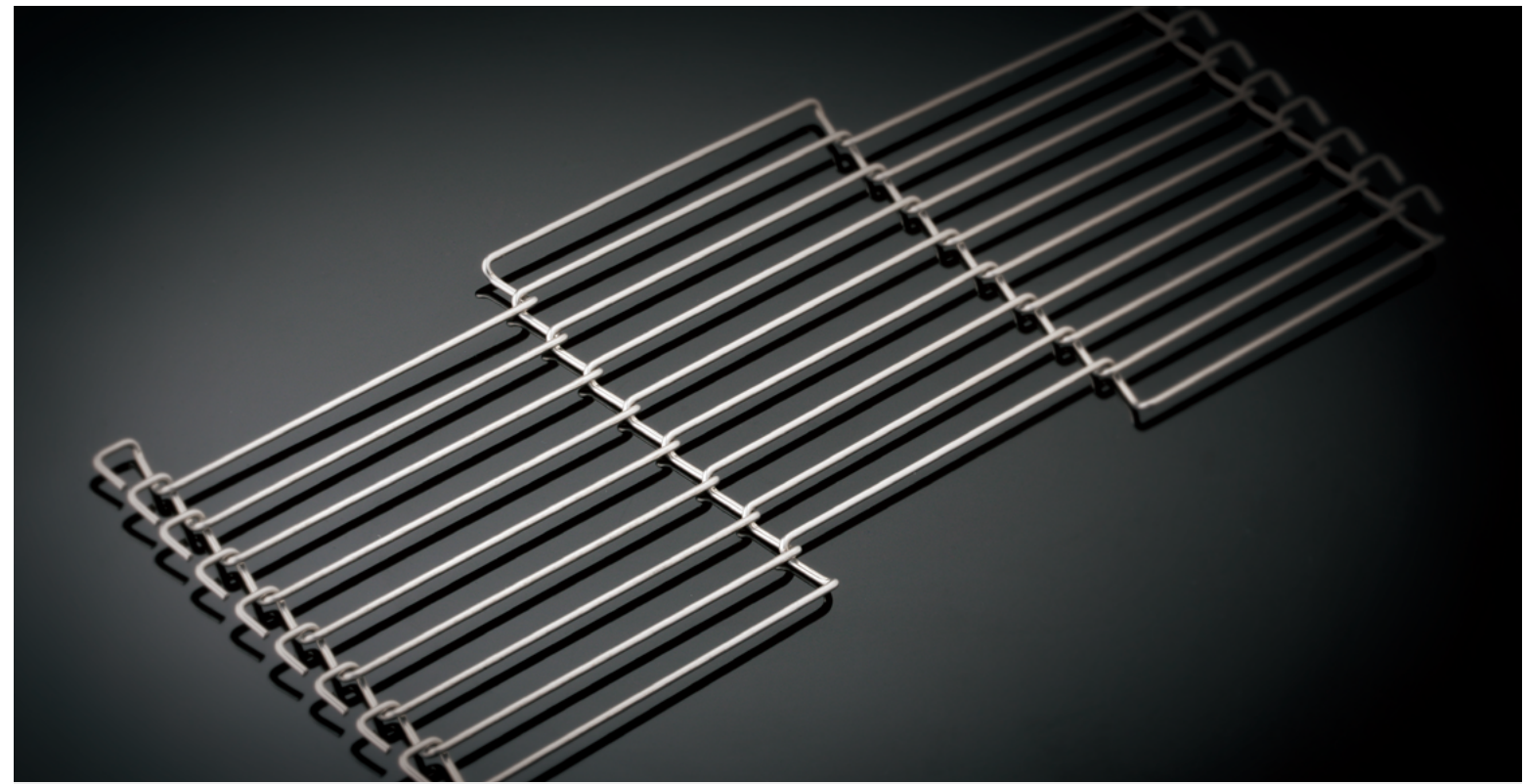
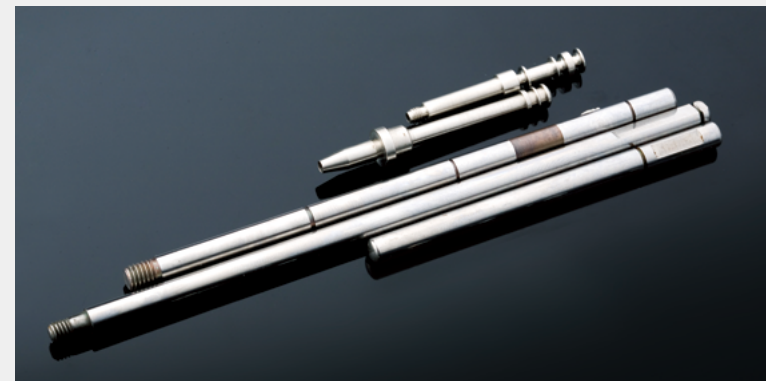
FREE CUTTING WIRE

We add good materials and sincerity, including the excellent free cutting ability.

The quality of shaft wire for precision parts in electrical devices depends on quality material, roundness and surface cleanliness. KOS free cutting wire provides the improved machinability of the wire designed to the sophisticated fabrication.

Special Characteristics

- Excellent machinability and stability of surface hardness.
- Perfect roundness.
- Various packing type to customer's requirement whether cut or not.



GENERAL PURPOSE WIRE

KOS can perfectly meet the various customer demands.

Our general purpose wire has the brightest surface in the industry. It can be delivered in soft annealed, 1/4 Hard to Full Hard, or to your specification.

Special Characteristics

- Diversified mechanical properties to the customer's individual requirement
- Elegant surface by special polishing treatment
- Improved productivity by larger capacity of pay-off drum and carrier





GENERAL WIRE ROPE FLEXIBLE WIRE ROPE CONTROL CABLE MINIATURE CABLE KOSFORM STRAND

Technology recognized through the first manufacturing in Korea. It has grown as the best products in the world.

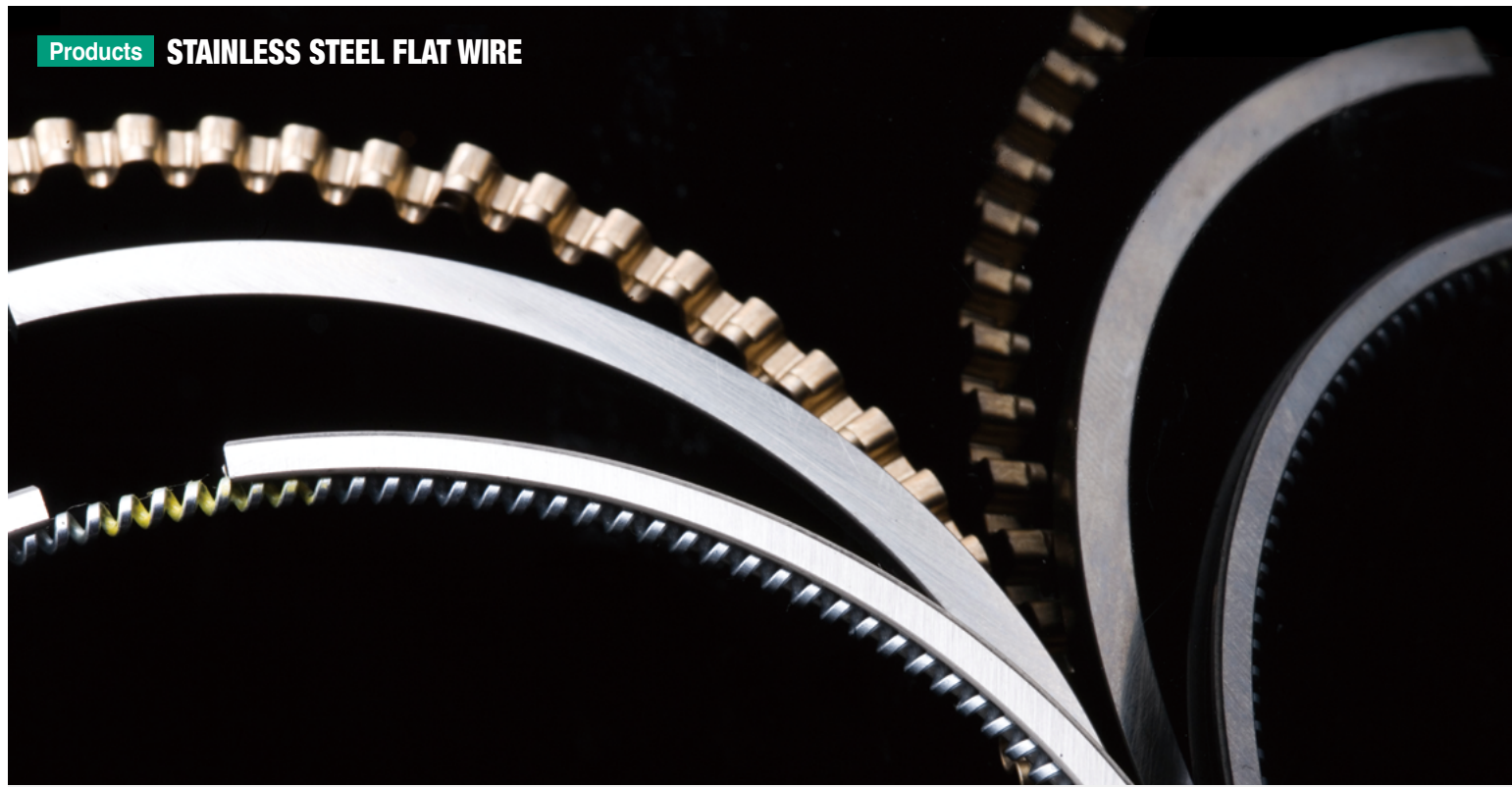
KOS is the pioneer of stainless wire rope manufacturer in Korea since 1979. We have become the world leader with the product to meet the critical quality standards and wide range of specifications of major customers worldwide. Our production capabilities ensure the best quality in the industry and on time delivery every time.

Special Characteristics

- Excellent corrosion resistance under the extremely severe condition
- Best quality in high temperature by the enhanced heat resistance
- Elegant surface brightness for the exterior decoration
- Full range of raw material in AISI 302,304,305,316 and 316 Mo
- KOSFORM Strand is a newly launched compact strand which distinguishes itself from conventional strand. It features super high breaking strength and outstanding clean surface which enables it to perform longer than conventional ones.
- Super clean surface of cables by ultrasonic cleaning.



ISO 9001 Certification



KOSFLAT

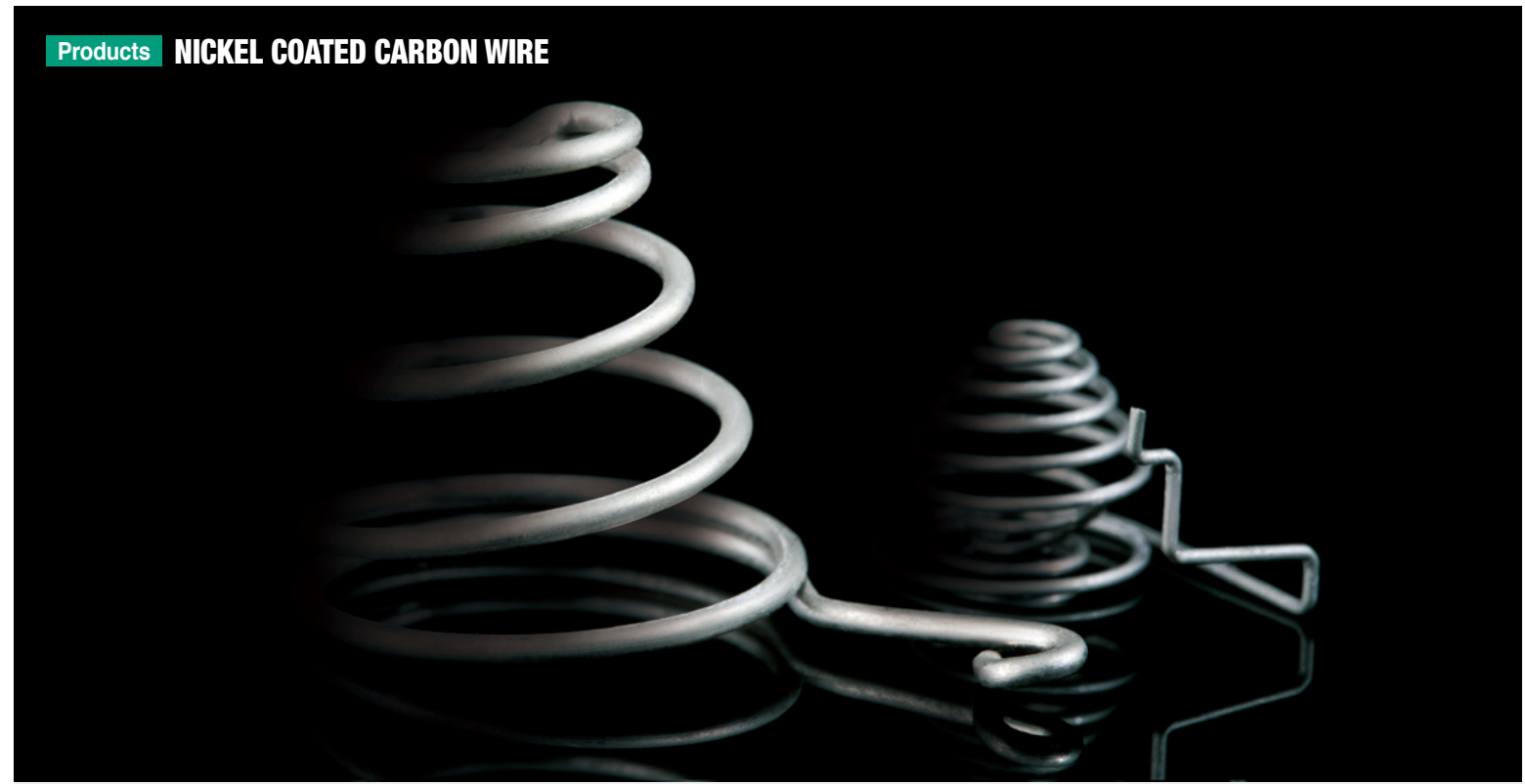
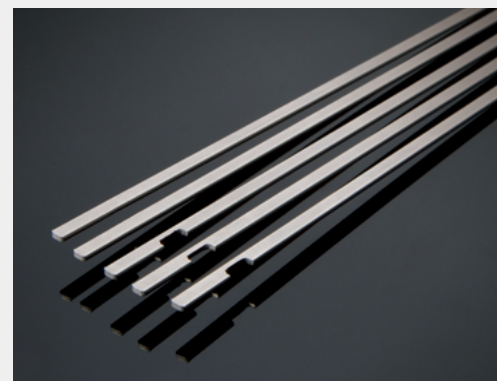
Fast customer reaction is showing our management principals of putting them in top priority.

KOSFLAT wire is, mainly for the automotive windshield wiper, produced by the advanced rolling machine.

From the strict control of stainless wire rod to the automatically computer-controlled rolling process including optional process to cut the flat wire to length, KOS has another good reputation in the market providing this product to the esteemed wiper assembly companies in the world.

Special Characteristics

- Excellent quality of KOS spring wire to be flat rolled
- Perfect in-line quality control during rolling operation.
- Surface cleanliness by ultrasonic degreasing and larger spool capacity up to 400kg



KOSNIC

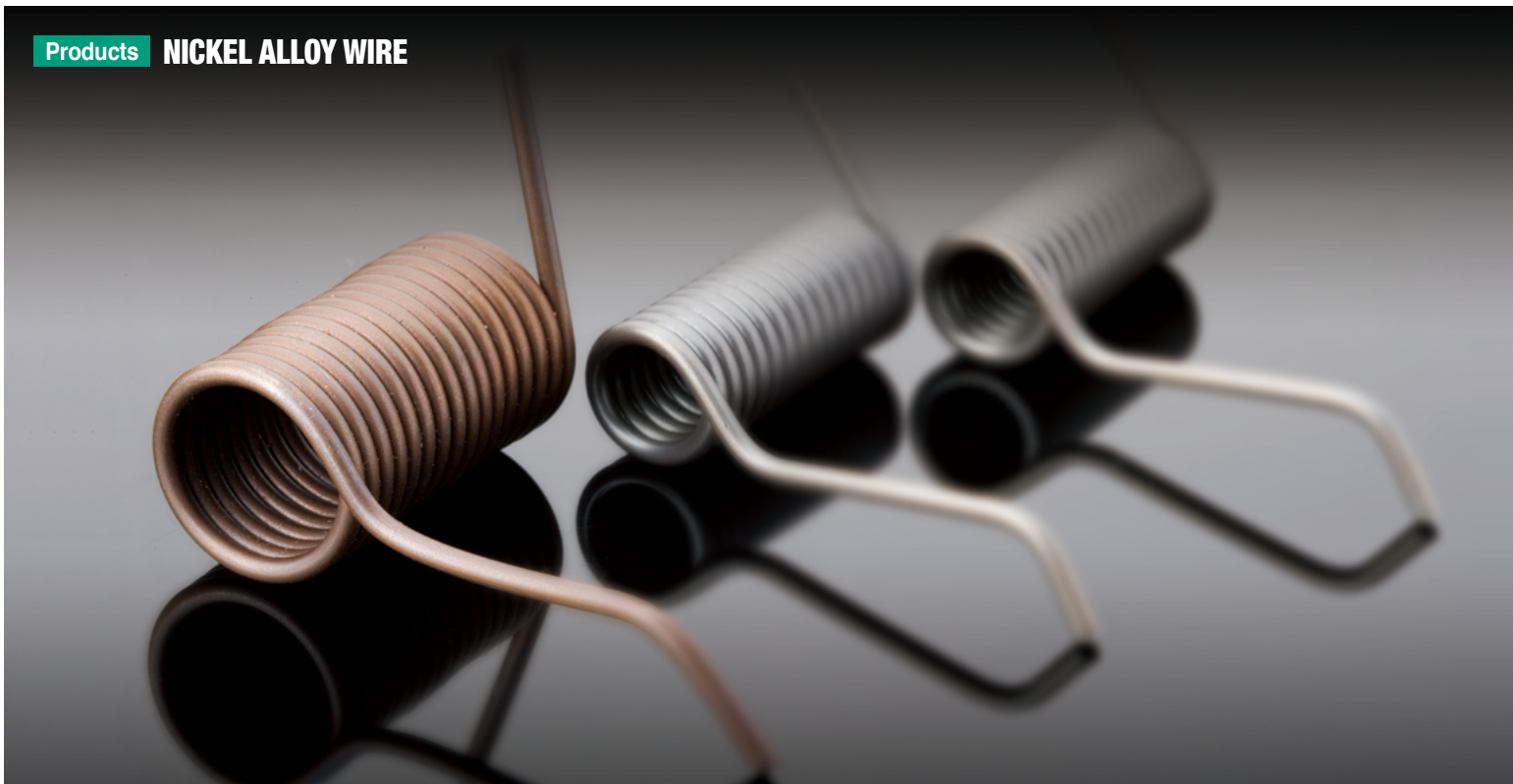
The style of KOS becomes the standard in the industry.

With KISWIRE's best high carbon wire and the advanced plating facility of KOS, nickel coated high carbon wire(KOSNIC) is widely used in the spring industry. KOSNIC assists the customers to lower their production cost by higher coilability, excellent solderability and relatively cheaper price than normal stainless wire.

Special Characteristics

- Perfect corrosion resistance by even thickness of nickel coating
- Higher coilability at speed production and yield rate
- No change of tempering color





KOSLOY

**Why does the customer around the world choose KOS!
It is because of their trust to our quality of products.**

The demand of high nickel alloy wire is increasing due to the rapid development of high tech industry. KOS nickel alloy wires (KOSLOY) in 14 different grades have the reputation of KOS brand for the best quality control and on time delivery.

Special Characteristics

- Quick delivery time by stock of raw material
- Perfect quality control system by advanced testing equipment
- In-house technical support



KOSTI

Please experience the excellent quality of our titanium wire first produced among local manufacturers.

In recent days, consumption of titanium and titan alloy wire are rapidly increasing in the field of petrochemical, airplane, automobile, optical frame and medical instrument and etc. They have excellent corrosion resistance as well as considerably light weight and high strength.

KOS provides this excellent material to each requirement by superior production equipment and expert engineers with a spirit for customer satisfaction.



R&D=Future

Possession of up-to-date manufacturing knowledge achieved by continuous research and development and investment for the renovation of technology will be our footstone for the future growth.



Possessing the latest technology

Aiming at the consistent growth within the unstable future business environment, KOS is keenly focused on possessing the up-to-date manufacturing technology by investing into the R & D and technology renovation to maintain the world's top expertise position in stainless steel business.



Possessing the research human resource

KOS has been keeping close cooperation, sharing technical information and doing joint research for the efficient research practice with companies and laboratories in the stainless steel business and working to operate development program for the possess of expertise staffs.



Possessing the scientific up-to-date equipment

The latest equipments in KOS has the strong competitive power in manufacturing stainless steel wire, surface treatment of coating, plastic process field, soft wire process, new special material product field, surface analysis and research for automation area.

High-tech

We have not only the latest manufacturing facilities and equipment but also efficient systems.



KOSWIRE Uiryeong Plant



KOS Yusan Plant



KOSWIRE Gamjeon Plant



KOS Daesong Plant



KOSWIRE Samrak Plant

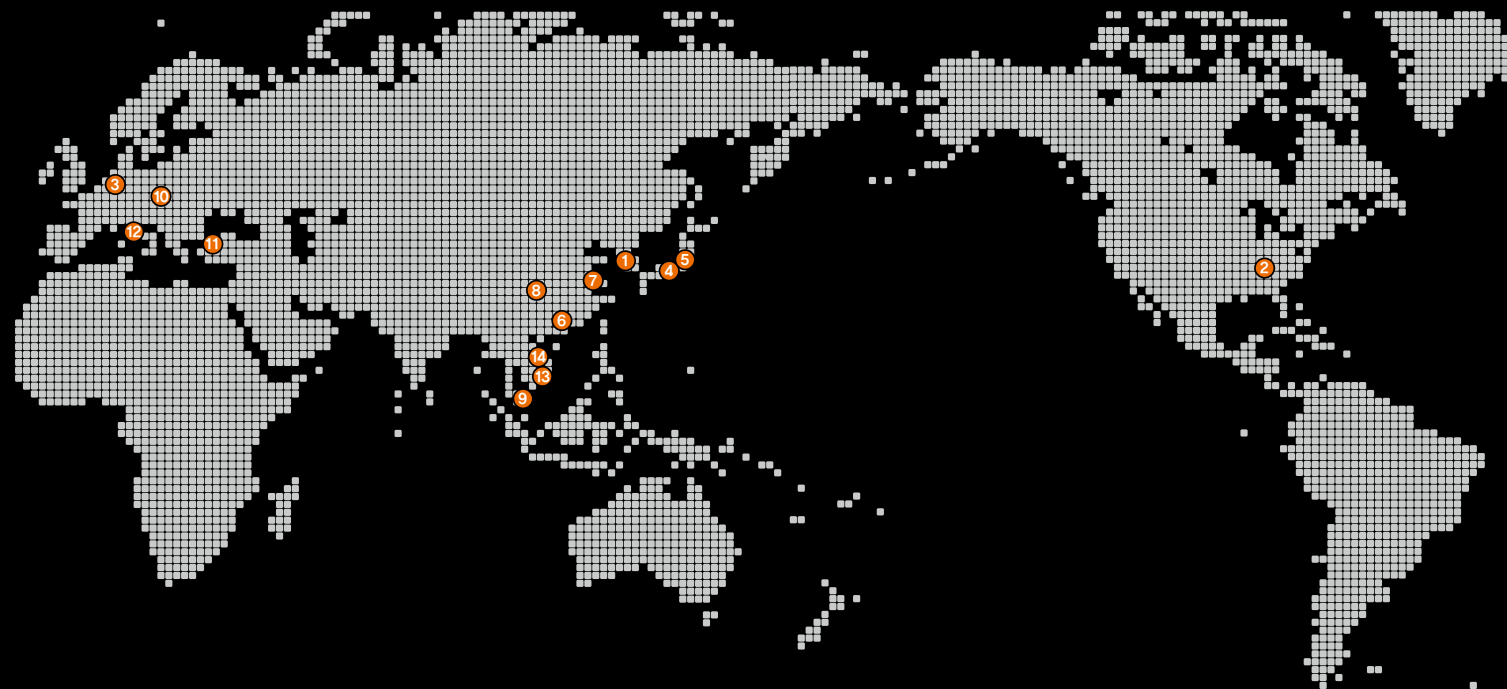


KOSWIRE Okmyung Plant



KOS=Global

KOS is occupying the world market with
13 overseas branch offices.



KOS Headquarters

1 KOS SEOUL OFFICE

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Overseas Offices

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3 KOS Daesong Plant

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Fax : 82-54-288-2899



4 KOSWIRE Okmyung Plant

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Fax : 82-54-250-2899



5 KOSWIRE Uiryeong Plant

25, Guryong-ro 4nam-gil, Uiryeong-eup, Uiryeong-gun, Gyeongsangnam-do, Korea
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Fax : 82-55-570-8599



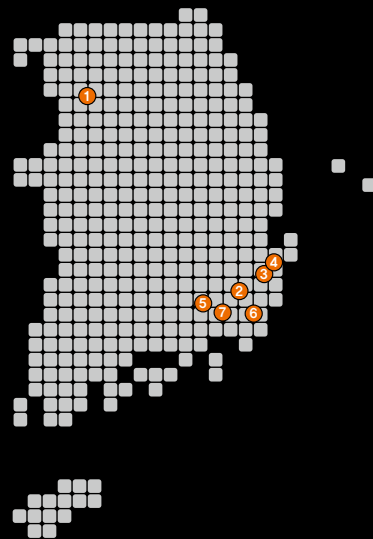
6 KOSWIRE Gamjeon Plant

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Fax : 82-51-310-8099



7 KOS GLOBAL Haman Plant

68, Yunoeogongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, Korea
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E-mail : inkyu7@koswire.com



Hochiminh Plant (Dong Nai Pro.)

KCN Nhon Trach Industrial Zone 1, Dong Nai Province, Vietnam
Tel : (84)613-560-812~4
Fax : (84)613-560-811
E-mail : kihkin@koswire.com



Hanoi Plant (Ha Nam Pro.)

Lot B2, Dong Van 2IZ., Duy Minh Commune, Duy Tien District, Ha Nam Province, VIETNAM
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Technology leading the world

*We will strive to make KOS stainless steel wire
the company of hope that can make people
around the world convenient and happy.*