

**KSK**

Metallprodukte

| Product Catalogue |

Steel Wire \_\_\_\_\_

Steel Wire Rope \_\_\_\_\_

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[www.ksk-metallprodukte.de](http://www.ksk-metallprodukte.de)

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**VDFI**  
VERBAND DER DEUTSCHEN  
FEDERNINDUSTRIE



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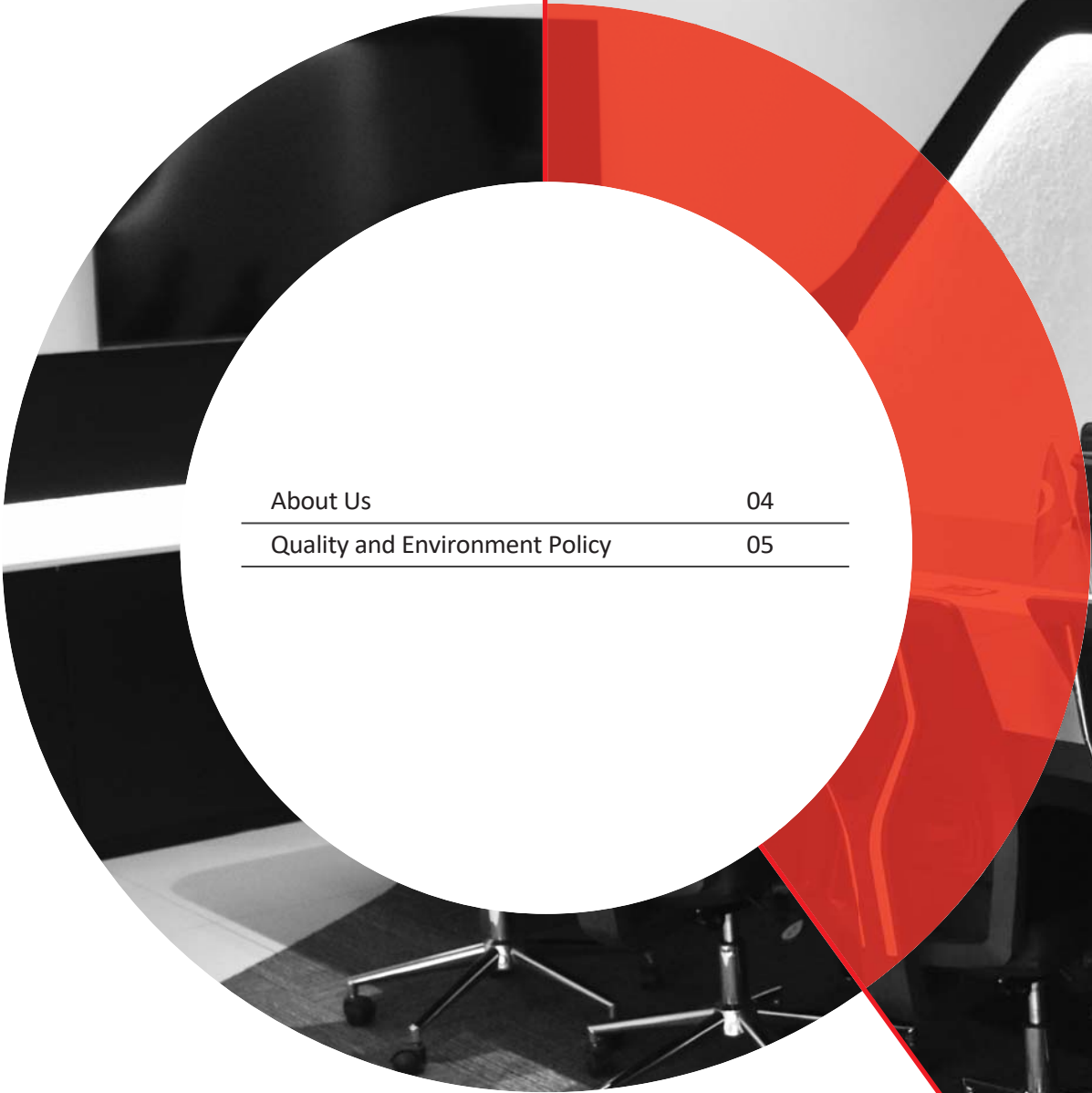
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# Corporate



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# KSK Metallprodukte

# About Us



## **KSK** Metallprodukte

KSK Metallprodukte GmbH, with a legacy starting in 1989, is a leading name in the steel wire and steel wire rope manufacturing industry. Our state-of-the-art facility spans 28,000 m<sup>2</sup>, where we utilize the latest technology to expand our product range and capacity, ensuring top-notch customer satisfaction. We serve various sectors including elevators, cranes, automotive, cables, springs, and construction industries.

In response to growing global demand, we established our presence in Germany in 2023, with our head office in Düsseldorf and a service depot in Geldern. From this depot, we offer wholesale and retail wire sales across European market, in product range of spring steel wires (EN10270-1), alloy steel wires (CrV, SiCr, MnB, CrMo,...), low-carbon steel wires (C9D, C10C,...) and in wide range of steel ropes.

With ISO 9001 and IATF 16949 certifications, KSK Metallprodukte GmbH is committed to delivering reliable service and high-quality products, ensuring we remain a trusted industry partner.

# Quality and Environment Policy



As KSK Metallprodukte GmbH, Quality Management Systems are to realize the production of Steel Wire and Steel Wire Rope, which have a wide range of uses in our areas of responsibility, in accordance with the legal regulations of the country, especially EN and DIN standards, international standards, regulations and all ethical rules, to adopt systematic and creative management approaches and to continuously improve them.

To achieve flawless workmanship, superior quality, affordable cost and high efficiency at all stages of production, to respond quickly and with solutions to all customer needs that may arise, due to the importance we attach to customer satisfaction after production.

To ensure that a management approach that is fair to employees and respectful to human rights is adopted at all management levels in order to increase efficiency of work and ensure commercial continuity.

Preventing waste, using resources more efficiently, preventing or minimizing waste generation by reviewing the causes of waste generation, thinking about improvements that can be made within the scope of an understanding that includes separate collection and recycling of waste at source and beyond this scope, and taking the necessary actions to take action to protect the environment.

Fully comply with the objectives of the European Green Deal and minimize our carbon footprint and embedded emissions by developing sustainable production processes, improving resource efficiency, promoting the use of renewable energy sources and adopting circular economy principles.

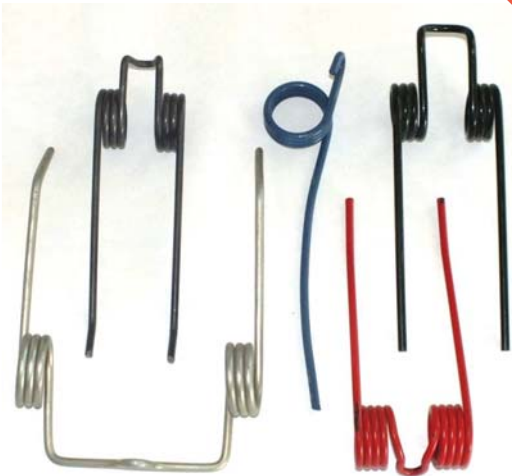
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# Spring Steel Wire



## Area of Use

- Mechanical Springs such as compression, torsion, extension
- Automobile Industry
- Agricultural Technology
- Furniture Industry

## Product Information

- Spring steel wire for mechanical springs : EN 10270-1
- Non-alloyed steel used as material : EN 10016
- Zinc coating on steel wire : EN 10244-2

## Surfaces

- Phosphated
- Galvanized



## Production Ranges

Grade	Phosphated	Galvanized
DM	Ø 1,30 - 15,00 mm	
DH	Ø 1,30 - 15,00 mm	
SL	Ø 0,50 - 15,00 mm	Ø 0,50 - 4,50 mm
SM	Ø 0,30 - 15,00 mm	Ø 0,30 - 3,00 mm
SH	Ø 0,30 - 15,00 mm	Ø 0,30 - 2,20 mm

## Packaging

Z-1 Coils	100 - 250 Kg
Z-2 Coils	300 - 400 Kg
Z-3 Coils	500 - 700 Kg
Z-4 Coils	500 - 1.000 Kg
Z-5 Coils	1.000 - 2.000 Kg
Coil	40-250 Kg

Wooden and Metal Spools

BS 60 Metal and K355 Plastic Spool

Spools supplied by customer

# Mattress Spring Steel Wire

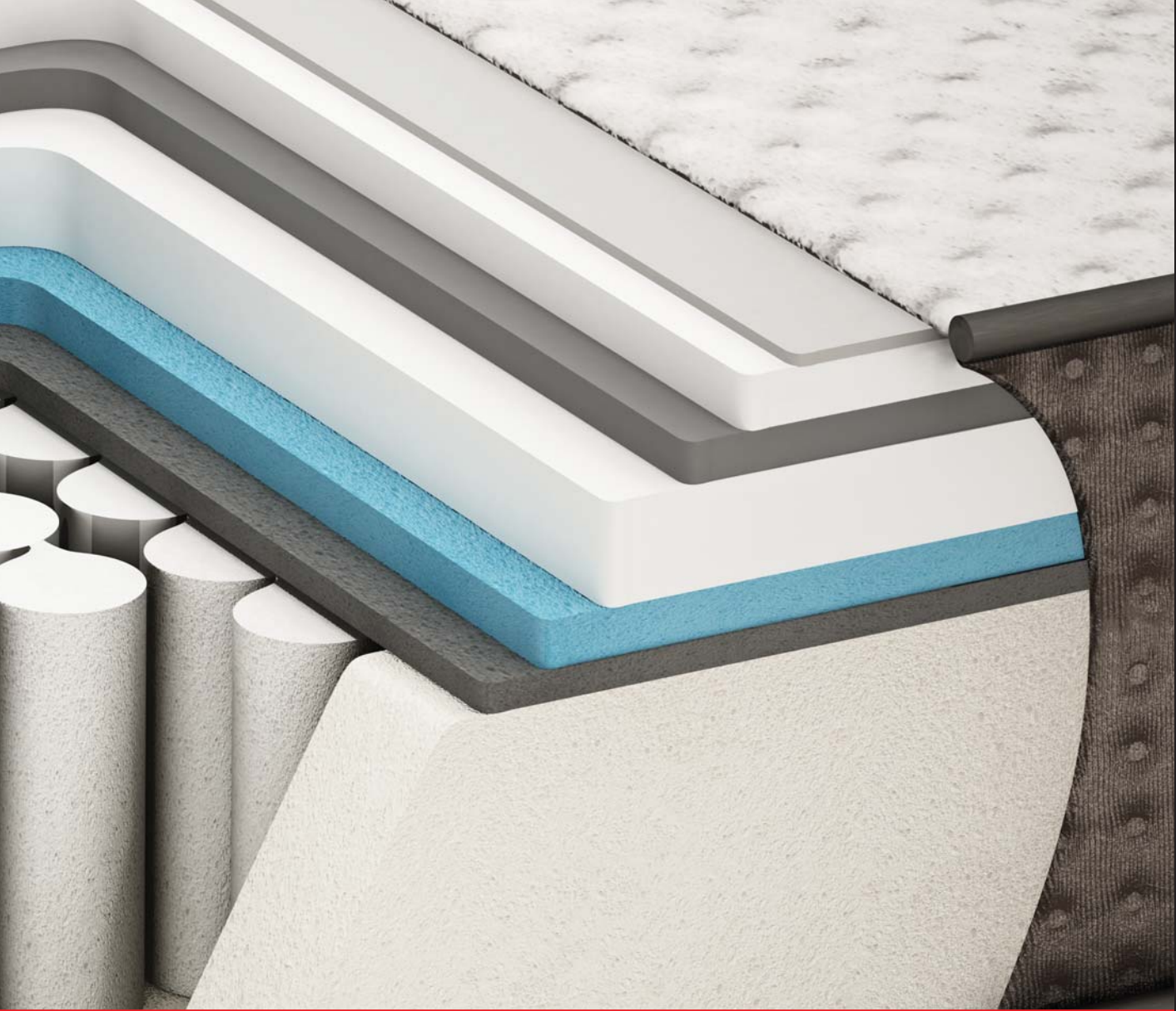


## Area of Use

- Furniture Industry

## Product Information

- Non-alloyed steel used as material : EN 10016
- Micro Springs
- Tablet Springs
- Bonnell Springs
- Pocket Springs
- Zig-Zag

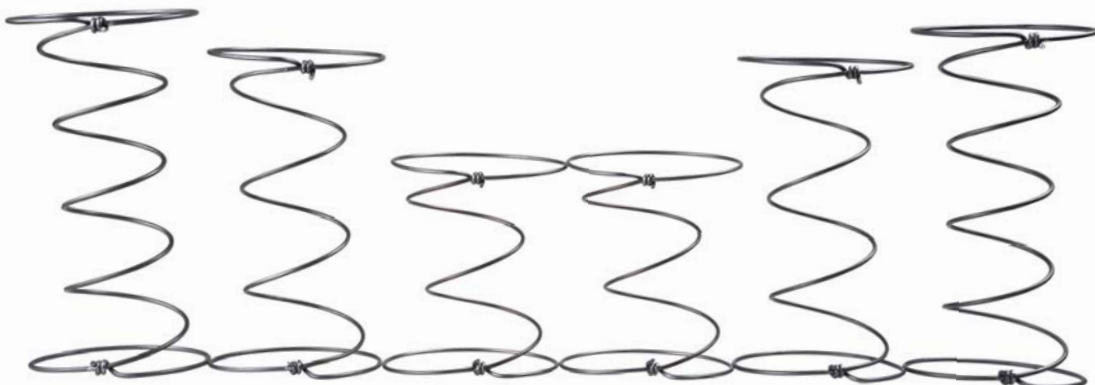


**Production Ranges**

■ Ø 0,80 - 5,00 mm

**Packaging**

Z-2 Coils	300 - 400 Kg
Z-3 Coils	500 - 700 Kg
Rosette Coils With/out cardboard	500 - 1.000 Kg
Wooden and Metal Spools	
Spools supplied by customer	



# Steel Wire for Ropes

## Area of Use

- Wires for ropes used in tower cranes, elevator and lift systems, construction fields, forestry applications, automotive industry, mining industry, fishing and marine industry, cable industry, and other various application /industry

## Product Information

- Non-alloyed steel used as material : EN 10016
- Zinc coating on steel wire : EN 10244-2
- Steel wire for ropes : EN 10264-2

## Surfaces

- Bright (Phosphated)
- Galvanized (Drawn wire)

## Production Ranges

Tensile Strength	Bright	Galvanized
1370	Ø 0,30 - 3,50 mm	Ø 0,30 - 3,50 mm
1570	Ø 0,30 - 2,85 mm	Ø 0,30 - 2,75 mm
1770	Ø 0,30 - 2,50 mm	Ø 0,30 - 2,30 mm
1960	Ø 0,30 - 2,00 mm	Ø 0,30 - 1,90 mm
2060	Ø 0,30 - 1,85 mm	Ø 0,30 - 1,65 mm
2160	Ø 0,30 - 1,65 mm	Ø 0,30 - 1,50 mm

## Packaging

Z-1 Coils	100 - 150 Kg
Z-2 Coils	350 - 400 Kg
Z-3 Coils	600 - 800 Kg
Z-4 Coils	500 - 1000 Kg
BS 60 Metal	
Spools supplied by customer	

# Patented and Final Galvanized Wires

## Area of Use

- Patented wires used for redrawing; to produce rope wire, spring steel wire, etc.
- Final galvanized wires (low or high carbon) for various applications

## Product Information

- Non-alloyed steel used as material : EN 10016

## Surfaces

- Phosphated
- Galvanized





### Production Ranges

- Phosphated Ø 1,50 - 6,00 mm
- Galvanized Ø 1,50 - 6,00 mm

### Packaging

Rosette Coils 500 - 1.000 Kg

### Packaging Information

Packaging Type	Rosette Coil
Weight per Coil	500-1.000 Kg
Inner Dia. (d)	450
Outer Dia. (D)	850
Length (H)	900
Ø 1,60 mm	✓
Ø 1,80 mm	✓
Ø 2,00 mm	✓
Ø 2,20 mm	✓
Ø 2,40 mm	✓
Ø 2,50 mm	✓
Ø 2,80 mm	✓
Ø 3,00 mm	✓
Ø 3,10 mm	✓
Ø 3,50 mm	✓
Ø 4,00 mm	✓
Ø 4,50 mm	✓
Ø 5,00 mm	✓
Ø 5,50 mm	✓

# Steel Wire for Overhead Line (ACSR)

## Area of Use

- Overhead powerline

## Product Information

- Non-alloyed steel used as material : EN 10016
- Conductors for overhead lines, Zinc coated steel wires : EN 50189

## Production Ranges

- $\varnothing$  1,24 - 5,50 mm

## Packaging

Rosette Coils 500 - 1.000 Kg

# Bright Iron Wire



## Area of Use

- Market Shelves
- Kitchen Products

## Product Information

- Material : EN 16120-2

## Surfaces

- Bright (Phosphated)

## Product Range

- 0,90 - 26,00 mm

## Packaging

- Z-5 Coils 1.000-2.000 Kg.

# Cold Heading Wire



## Area of Use

- Mainly used in Automobile Industry
- Fasteners
- Nuts, bolts, screws

## Product Information

- Material : EN 10263-2
- EN 10263-4

## Surfaces

- Phosphated

## Production Ranges

- Ø 4,20 - 26,00 mm

## Packaging

- Coil

# Alloy Steel Wire



## Area of Use

- Automobile Industry

## Product Information

- Material : EN 10089
- 54SiCr6 (AC+C, U+C)
- 50CrV4 (AC+C, U+C)
- 51CrV4 (AC+C, U+C)
- Other Special Steels

## Surfaces

- Phosphated

## Product Range

- 4,50 - 26,00 mm

## Packaging

- Coil

# Steel Wire Ropes

## Area of Use

- Steel wire ropes are used in industries such as cranes, elevators, automobile, construction, cables, minings, marble, cable, fishing, marine, forestry and various other application/industry.

## Product Information

- Stranded ropes for general lifting applications :EN 12385-4+A1
- Non-alloyed steel used as material : EN 10016
- Zinc coating on steel wire : EN 10244-2

## Surfaces

- Phosphated
- Galvanized

## Packaging

- Wooden Reels

## Product Ranges

Tensile Strength	6x7	6x19 M	6x19 S 6x19 W	6x24	6x25 F	6x26 WS 6x31 WS 6x36 WS	18x7
1570	Ø 3,00 - 20,00 mm	Ø 3,00 - 36,00 mm	Ø 6,00 - 34,00 mm	Ø 8,00 - 26,00 mm	Ø 12,00 - 36,00 mm	Ø 8,00 - 40,00 mm	
1770	Ø 3,00 - 20,00 mm	Ø 3,00 - 36,00 mm	Ø 6,00 - 30,00 mm	Ø 8,00 - 26,00 mm	Ø 12,00 - 32,00 mm	Ø 8,00 - 40,00 mm	Ø 6,00 - 24,00 mm
1960	Ø 3,00 - 18,00 mm	Ø 3,00 - 30,00 mm	Ø 6,00 - 24,00 mm	Ø 8,00 - 26,00 mm	Ø 12,00 - 28,00 mm	Ø 8,00 - 36,00 mm	Ø 6,00 - 20,00 mm
2060	Ø 3,00 - 16,00 mm	Ø 3,00 - 26,00 mm	Ø 6,00 - 22,00 mm	Ø 8,00 - 26,00 mm	Ø 12,00 - 24,00 mm	Ø 8,00 - 28,00 mm	
2160	Ø 3,00 - 16,00 mm	Ø 3,00 - 24,00 mm	Ø 6,00 - 20,00 mm	Ø 8,00 - 26,00 mm	Ø 12,00 - 22,00 mm	Ø 8,00 - 24,00 mm	

Type of core : FC, PPC, WSC, IWRC and etc.  
Please contact to us for other grades, construction, diameter, and etc.

# Elevator Ropes

## Area of Use

- Steel wire ropes used in elevator as main lifting rope and over-speed governor rope.
- Ropes can be used in hydraulic lifts, in gearless machines and etc. for high speed elevators.

## Product Information

- Stranded ropes for lifts : EN 12385-5
- Non-alloyed steel used as material : EN 10016
- Zinc coating on steel wire : EN 10244-2
- EN 81-20
- Low-Rise
- Mid-Rise
- High-Rise

## Surfaces

- Bright (Phosphated)
- Galvanized

## Packaging

- Wooden Reels

## Product Ranges

Tensile Strength	6x19 Seale	6x19 Warrington	SWR 8x19 Seale	SWR K200	SWR K240
1370/1770			Ø 8,00 - 16,00 mm		
1570	Ø 6,00 - 18,00 mm	Ø 6,00 - 18,00 mm	Ø 8,00 - 16,00 mm	Ø 8,00 - 16,00 mm	Ø 8,00 - 16,00 mm
1770	Ø 6,00 - 18,00 mm	Ø 6,00 - 18,00 mm	Ø 8,00 - 16,00 mm	Ø 6,50	Ø 6,50
1960	Ø 6,00 - 18,00 mm	Ø 6,00 - 18,00 mm			

# Packaging Information












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