

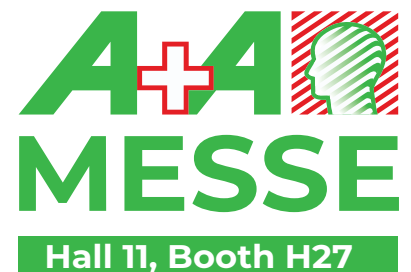
# HKS®



## FIT FOR WORK

### A+A Review 2025

Safety shoes according to EN ISO 20345





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# PRODUCT

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## HIGHLIGHTS

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New products | Facelifts | Worth to wait



## ENERGY COLLECTION

**Availability:** 1. Quarter 2026  
**Product name:** AirGuard Pro Black BOA®



## ENERGY COLLECTION

**Availability:** 1. Quarter 2026  
**Product name:** Occupational shoe – AirGuard Black



## ENERGY COLLECTION

**Availability:** 1. Quarter 2026  
**Product name:** Occupational shoe – AirGuard Pro Black



## CROSSMAX COLLECTION

**Availability:** 1. Quarter 2026  
**Product name:** Waterproof – Prototype A+A



## CROSSMAX COLLECTION

**Availability:** 1. Quarter 2026  
**Product name:** Waterproof – Prototype A+A



## BAREFOOT COLLECTION

**Availability:** Available  
**Product name:** BFS 45 BOA®



## CHALLENGER RUBBER COLLECTION

**Availability:** 1. Quarter 2026  
**Product name:** Rider ORTP



## CHALLENGER COLLECTION

**Availability:** 1. Quarter 2026  
**Product name:** Casting boot & welding boot – MAGMA



## CHALLENGER COLLECTION

**Availability:** 1. Quarter 2026  
**Product name:** Solar M (Facelift)



## CHALLENGER COLLECTION

**Availability:** 1. Quarter 2026  
**Product name:** K1 CA



## CHALLENGER COLLECTION

**Availability:** Available  
**Product name:** K2 CA (Facelift)



## CHALLENGER COLLECTION

**Availability:** Available  
**Product name:** K5 CA (Facelift)



## CHALLENGER COLLECTION

**Availability:** 1. Quarter 2026  
**Product name:** Sprinter TP



## BOLD COLLECTION

**Availability:** 1. Quarter 2026  
**Product name:** Cut-resistant boot – Ranger PXT



## BOLD COLLECTION

**Availability:** Available  
**Product name:** Winter boot – POLAR PXT



## K-RUN COLLECTION

**Availability:** Available  
**Product name:** BOA® 2 BTP (Facelift)



## K-RUN COLLECTION

**Availability:** Available  
**Product name:** BOA® 8 BTP (Facelift)



## K-RUN COLLECTION

**Availability:** Available  
**Product name:** Free 2 (Facelift)





### K-RUN COLLECTION

**Availability:** 1. Quarter 2026  
**Product name:** Solar 1 MTP (Facelift)



### K-RUN COLLECTION

**Availability:** Available  
**Product name:** Free 1 TP (Facelift)



### K-RUN COLLECTION

**Availability:** Available  
**Product name:** Blackbird



### K-RUN COLLECTION

**Availability:** Available  
**Product name:** Black Swan



### K-RUN COLLECTION

**Availability:** Available  
**Product name:** Black Panther



### K-RUN COLLECTION

**Availability:** Available  
**Product name:** Black Tiger



## AIRMOTION COLLECTION

**Availability:** Available  
**Product name:** K1 AM ESD (Facelift)



## AIRMOTION COLLECTION

**Availability:** Available  
**Product name:** K2 AM ESD (Facelift)



## AIRMOTION COLLECTION

**Availability:** Available  
**Product name:** K5 AM ESD (Facelift)



## BOLD COLLECTION

**Availability:** Available  
**Product name:** Speed 1 VTP BOA®



## CHALLENGER COLLECTION

**Availability:** Available  
**Product name:** Elba 3 M (Facelift)



## K-RUN WHITE COLLECTION

**Availability:** Available  
**Product name:** Free 3 V (Facelift)





### K-RUN WHITE COLLECTION

**Availability:** Available  
**Product name:** Free 3 V BOA®



### K-RUN WHITE COLLECTION

**Availability:** 1. Quarter 2026  
**Product name:** Horizon BOA®



### K-RUN WHITE COLLECTION

**Availability:** Available  
**Product name:** Walker 3 MTP (Facelift)



### K-RUN WHITE COLLECTION

**Availability:** Available  
**Product name:** 210 3 M (Facelift)



### K-RUN WHITE COLLECTION

**Availability:** 1. Quarter 2026  
**Product name:** Sloop



### K-RUN WHITE COLLECTION

**Availability:** Available  
**Product name:** Zoom 3 M (Facelift)

# TECHNOLOGY

## HIGHLIGHTS



**AVALON® Gecko TPU**



**SMARTLITE® O  
LTPU-SYSTEM**



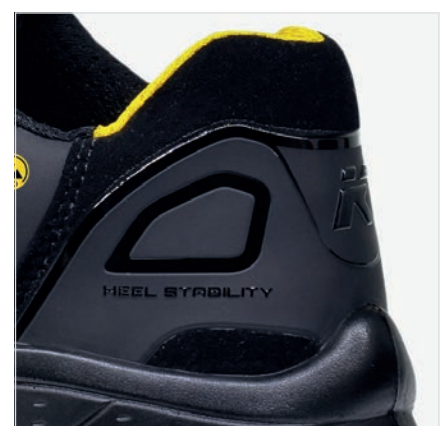
**NANOTECH Upper  
Material**



**PXT MEMBRANE**



**Metatarsal Protection**



**Anti-Twist-Protection**

# TECHNOLOGY

## TPU - OUTSOLE

### AVALON® GECKO TPU

AVALON® GECKO TPU is a new innovative, high-performance thermoplastic polyurethane (TPU) that provides our safety shoes with outstanding grip, performance and durability, ensuring that the shoes perform even under the toughest conditions. Our new TPU outsoles combine the advantages of TPU outsoles and rubber

outsoles. The AVALON® GECKO TPU is much more durable than conventional PU, TPU or rubber outsoles and is significantly more efficient in all properties and functions – slip resistance, durability and abrasion resistance.



#### Ultimate Grip

Inspired by the exceptional grip of geckos, the new AVALON® GECKO TPU offers an optimum balance between wet and dry grip and slip resistance comparable to rubber.

#### Highest Performance

The AVALON® GECKO TPU is extremely robust and resistant and offers outstanding abrasion resistance.

#### Maximum Flexibility

In contrast to rubber, the AVALON® GECKO TPU outsole remains light and extremely flexible, which promises maximum freedom of movement.

#### Sustainable

Highest quality for real sustainability. The AVALON® GECKO TPU was developed with the circular economy in mind and is recyclable.



Learn more about AVALON® Gecko TPU

#### Advantages at a glance:

- Consists of up to 10% recycled TPU surplus
- Outstanding abrasion resistance and durability
- Greater safety thanks to optimized slip resistance
- High chemical resistance (acids and alkalis)
- Excellent elasticity, flexibility and freedom of movement
- Extremely dimensionally stable and notch-resistant
- Resistant to oil and fuel
- Heat-resistant up to approx. 130°C

# TECHNOLOGY

SMARTLITE® O LTPU™ SYSTEM



## ENERGY



Learn more about SMARTLITE® O Liquid TPU System



### Extra bounce. Extra cushioning.

The ENERGY Plugin offers excellent energy return and enables maximum performance. With the SMARTLITE® O Liquid TPU System, it provides stronger, dynamic cushioning and a reactive rebound for even more performance.



### More drive. Less fatigue.

The ENERGY Plugin noticeably reduces the overall weight of the outsole. At the same time, the responsive, dynamic and super-light foam maximizes power transmission and increases restoring force. The ENERGY Plugin is designed for every foot and for every use. It offers customizable cushioning through different degrees of hardness.



### Ultimate comfort with every step.

The ENERGY Plugin increases comfort with every step and offers a comfortable feel all day long. Thanks to its unique formula, it ensures softer landings and actively protects joints, ligaments and tendons.



### Durable and sustainable.

The innovative, high-quality liquid thermoplastic polyurethane (L-TPU) is a durable material solution that makes our ENERGY Plugin particularly abrasion-resistant. The ENERGY Plugin is produced in Germany in an energy-saving manner and is recyclable.



# TECHNOLOGY

## P X T - M E M B R A N E

The innovative Phalanx technology ("PXT") sets new standards in the performance of safety footwear with a membrane. The new PXT membrane takes waterproofness to a whole new level. The newly developed, progressive PXT membrane concept enables 100% waterproofness without compromising on breathability and comfort. The result: Dry and pleasantly tempered feet as well as permanently lightweight shoes all day long – even in extremely wet and damp conditions.

### Structure of the PXT-Membrane

We have designed our safety shoes with PXT membrane in such a way that three water-repellent layers provide guaranteed protection against the ingress of moisture and wetness.

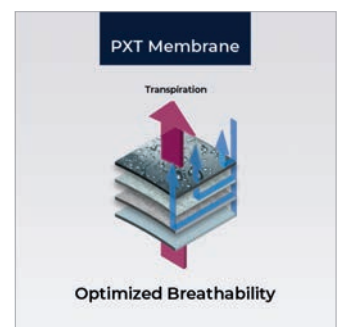
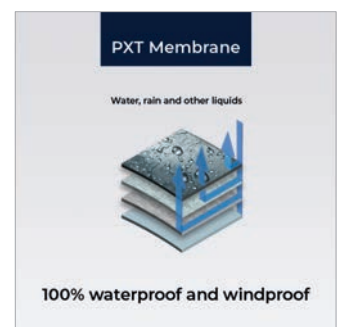
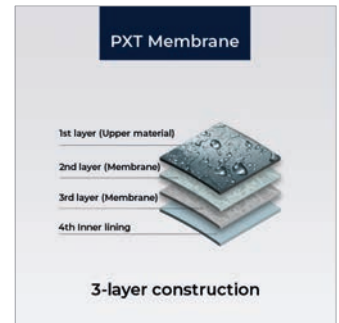
**1st Layer:** The first layer is our Nanotech upper material, which already has excellent waterrepellent properties and easily achieves "WRU" certification.

**2nd Layer:** We have also applied the first membrane directly to the inside of the outer material. The direct lamination on the inside of the upper material blocks water and other liquids directly on the outer shell, drastically minimizing drying times and moisture-induced weight gain of the shoes. The result: The shoes would already be "WR" or "S7S" certifiable.

**3rd Layer:** To guarantee 100% protection against cold and water, an additional membrane applied to the inner lining protects the foot against moisture and wetness. This offers long-lasting protection, especially if the first two layers of protection are overcome by external damage or ageing. The two membrane layers lie directly on top of each other, so that protection against penetrating moisture and the optimum removal of moisture from the inner shoe are also guaranteed here.

### Functioning of the PXT membrane

The direct connections of the protective layers reliably prevent the formation of any cavities between the upper material and the membranes, in which water or other liquids can remain – as is the case with conventional membrane shoes with a so-called "inner sock construction". In addition, our PXT membrane-equipped safety shoes provide you with the comfort you are accustomed to, as there is no need to use the space-intensive inner sock construction. Thanks to the perfectly matched insulation, the shoes can be worn indoors and outdoors in both cold and normal temperatures, even in winter.





## Discover the pioneering features of the PXT membrane

Our safety shoes with PXT membrane are made for the toughest working conditions and offer reliable protection even after months of continuous use

### 100% waterproof and windproof

Guaranteed protection against water and wind thanks to the innovative three-layer model. The PXT membrane ensures that the shoes remain permanently water- and windproof.

### Durable lightness

The shoes remain comfortably light in extremely wet and rainy conditions because the PXT construction protects the outer shell of the shoe and prevents weight gain due to water absorption.

### Chemical & bacteria protection

The PXT membrane offers protection against viruses and bacteria and is particularly suitable for use in hygienically sensitive indoor areas. The PXT membrane provides reliable protection against everyday chemicals.

### Increased comfort

The PXT membrane offers the highest level of comfort because no constricting or heataccumulating inner sock construction – as with conventional membrane shoes – is used. The direct lamination of the PXT membrane on the inside of the upper prevents any pressure and friction points, reducing the risk of pressure points and blisters.

### Sustainable and environment-friendly

The PXT membrane is 100% recyclable, OEKO-TEX® certified and free of harmful substances (PTFE-free).

### Long durability

The PXT membrane offers long-lasting protection: Even if the first barriers are damaged, the additional membrane on the inner lining continues to protect against moisture and humidity.

### Optimized breathability

The direct connection between the upper material and the PXT membrane ensures that there is more dry air between the foot and the shoe, keeping the feet at a comfortable temperature and drastically reducing condensation caused by perspiration.

### No cooling effects

The PXT membrane offers thermal protection and prevents any cold bridges and cooling effects. The PXT membrane also reduces heat loss in wet and humid conditions.

### Quick-drying

The double membrane system prevents water and other liquids from penetrating the shoe. The PXT membrane ensures faster drying times compared to safety shoes with conventional membranes because moisture dries quickly on the outside of the shoe.



Learn more about PXT-Membrane



# TECHNOLOGY

## INNOVATIVE UPPER MATERIAL



### Highly breathable

The highly breathable texture ensures an optimal air circulation and a pleasant foot climate. Although they are extremely robust and durable, these shoes are much more breathable than leather shoes.

### Ultralight

The fibers are ultra-thin, which makes the shoes incredibly lightweight. When dry, the materials are up to 1/3 lighter than leather. Thanks to their low water absorption, the shoes remain permanently lightweight even in extremely wet and humid conditions.

### Easy to clean

The materials are easy to clean. A simple splash of water is all it takes. The smooth structure prevents dirt particles from sticking. Special care products such as those used for leather are not necessary.

### Water-resistant & quick-drying

The materials excel with their water-repellent properties and provide reliable protection against the ingress of moisture and wetness. NANOTECH and MICROTECH ensure quick-drying shoes thanks to shorter drying times compared to leather and other materials.

### Maximum comfort

The ultra-thin fibers ensure a soft and flexible feeling as well as a smooth shape. The shoes adapt perfectly to the foot and are incredibly comfortable. Another advantage: The shoes are comfortable right from the start and do not need to be worn in.

### Resistant to contact heat

The shoes have good resistance to contact heat and can therefore be used for short-term welding work and similar activities.

### Extremely robust

The strong upper material construction offers the most reliable protection even after extensive use, even in the most demanding conditions. The materials have an extreme abrasion resistance and are highly resistant to external mechanical influences.

### Chemical resistance

The shoes provide an excellent protection against general chemicals and are therefore ideal for institutes, laboratories, cleaning services, the food industry and similar areas of application. In practice, the shoes have proven their excellent resistance to basic alkalis and acids.

### Consistent quality

Even after months of use, the shoes do not change their shape or color. The shoes retain their functional properties and – unlike leather shoes – are subject to fewer quality fluctuations (shape stability, uniform thickness, no color variation).

### Reduced heat absorption & loss

The materials hardly absorb any moisture from the outside, even after extended use in extremely damp and wet conditions, so that your feet always remain dry and at a comfortable temperature in wet or cold conditions. Another plus: Reduced heat loss and cold bridges.

### Sustainable and vegan

The high quality ensures a longer product life, conserves resources and avoids unnecessary waste. As synthetic materials, they have a lower environmental impact and CO<sub>2</sub> emissions during production.



Learn more about NANOTECH & MICROTECH

# TECHNOLOGY

## BAREFOOT-FEELING



### Wide toe box

to prevent misalignments  
& deformities



### Thin outsole

to stimulate the  
foot reflex zone



### Light & flexible outsole

to relieve the spine, ligaments  
& tendons



### Reduced drop

for an upright and  
healthy posture

## Barefoot-Feeling: The Natural Fit

We have developed our HKS® safety shoes with Barefoot-Feeling so that they simulate the natural feeling of walking („HKS® Barefoot-Feeling“) as closely as possible. Compared to classic safety shoes, our HKS® safety shoes with Barefoot-Feeling not only guarantee maximum safety with an outstanding comfort, but also make a real contribution to health and quality of life. Ligaments, tendons and joints remain stable and efficient in the long term.

Our safety shoes with Barefoot-Feeling essentially combine all the elements of a barefoot shoe and transfer the benefits to the working environment:

- Wide, anatomical toe box for maximum toe freedom
- Reduced drop for an upright and healthy posture
- Flat and flexible outsole for natural, functional foot movement
- Lightweight upper materials and sole reduce force and energy expenditure

With our innovative Barefoot-Feeling technology, we have succeeded in developing a safety shoe that focuses on (foot) health and offers several health benefits thanks to its special shape.

Thanks to the unique design, the safety shoes with Barefoot-Feeling can strengthen the entire foot musculature, promote a correct toe position and improve posture and stability by supporting an upright gait. The extremely flexible outsole promotes natural, functional foot movement, especially when kneeling. By wearing safety shoes with Barefoot-Feeling, you can effectively prevent joint problems, back pain, hip and posture problems and other misalignments.

### Stabilization of the musculoskeletal system

### Relief for knees, hips and back

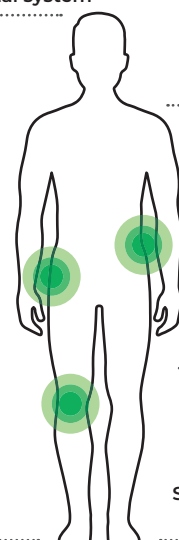
### Stabilization of the muscle chain

### Activation of the toes during movement

### Promotion of blood circulation

### Building up the muscles

### Stimulation of the foot reflex zones



Barefoot-Feeling

Our HKS® safety shoes with Barefoot-Feeling offer a variety of benefits that can have a positive effect on the body. Find out more about the many healthy advantages of our HKS® safety shoes with Barefoot-Feeling.

# TECHNOLOGY

## ANTI-TWIST-PROTECTION

### The new RS 275 and RS 275 BOA® offer more protection against twisting than ever before.

The innovative Shell Protection Technology and the Heel-Support-System provide improved stability, more grip and control and thus offer even more protection against twisting. The result: A reduction in tripping, slipping and falling accidents.



#### 1. High cuff for more control

- Protects against injuries in the ankle area
- Additional support function for more stability and safety
- More control and stability
- Reduction of the risk of twisting and turning



#### 2. Heel-Support-System for ankle twist protection

- Reduction of tripping, slipping and falling accidents
- Support function for more stability and safety
- Provides additional impact and shock protection
- Maintains freedom of movement for optimum comfort
- Improved guidance and support for the foot
- Provides reliable support
- Stabilizes and protects the ankle joint



#### 3. Shell Protection Technology for stability

- Ensures a secure grip and more control
- Improved stability and sure-footedness
- Support function for more control and safety
- Provides improved guidance and support for the foot
- Prevents tripping, slipping and falling accidents



Learn more about our  
Heel-Support-System



Learn more about our  
Shell-Protection-Technology



# TECHNOLOGY

## METATARSAL PROTECTION

### Additional Metatarsal Protection for maximum safety

At HKS® we offer you individual and customized solutions for all aspects of metatarsal protection (**Metatarsal Protection**). We have developed our HKS® safety shoes in such a way that they can be equipped with an additional metatarsal protection – without compromising wearing comfort.

The EXTRASHIELD technology offers reliable and effective protection of the metatarsal bones and the base of the toes against injuries caused by falling objects (gas flaps, etc.), external impacts as well as sharp and cutting tools (e.g. falling cutting knives).

The sturdy and shock-absorbing thermoplastic protective cap is firmly attached to the shoe and is locked in place as required by the lacing system. The specially shaped, ergonomic impact protection is particularly light and does not restrict wearing comfort.

#### Advantages at a glance:

- Effective protection against bruising and contusions of the metatarsus and the base of the toes
- More safety thanks to robust metatarsal protection
- Extremely absorbent impact protection
- Long-lasting protection thanks to the material's dimensional stability
- Optimum mobility and flexibility thanks to ergonomically shaped metatarsal protection
- Longer durability thanks to reduced abrasion
- Thin, flexible and extremely light
- Adapts perfectly to the foot
- Recommended areas of application: Industrial gases, construction industry, mining, metal processing, iron and steel industry

#### Secure hold

Direct connection to the shoe and adjustable fastening via the lacing system ensure effective and comfortable protection

#### Robust protective cap

The thermoplastic protective cap effectively protects the midfoot and the base of the toes against impacts and falling (cutting) objects

#### Add-On Protection

EXTRASHIELD technology can be upgraded to all HKS® safety shoes



Learn more about our metatarsal protection



#### When is an additional metatarsal protection system recommended?

- Effective protection against hazards from falling objects
- Reliable protection against hazards from sharp and cutting tools (cutting blades)
- Protects against hazards caused by external impacts



# FOOT HEALTH

## HIGHLIGHTS

### Mach Schluss mit

Fußschmerzen.  
Nackenschmerzen.  
Muskelverspannungen.  
Knie-, Hüft-, Rückenschmerzen.

**Endlich wieder  
unbeschwert arbeiten.**



### Fußabdruck war gestern. 3D-Scan ist heute.

Kein Warten.  
Keine Termine vor Ort.  
Keine ärztliche Bescheinigung.  
Kein Stress mit Genehmigungen.

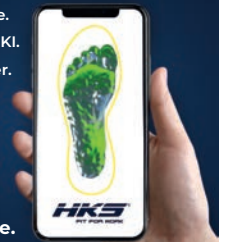
**Funktioniert überall  
und zu jeder Zeit.**



### Digitale Fußgesundheits.

Präziser 3D-Fußscan.  
Orthopädische Fußanalyse.  
Schmerzanamnese durch KI.  
Hergestellt mit 3D-Drucker.

**Hole Dir Deine  
maßgefertigte Einlage.**



### Fuß bereits gescannt?

Hohlfuß?  
Plattfuß?  
Spreizfuß?  
Fersensporn?  
Andere Fußfehlstellung?

**Wir haben die passende  
Einlage für Dich.**



### Maßgefertigte, individuelle Einlagen.

Verbessert Deine Leistung.  
Mehr Sicherheit und Komfort.  
Unterstützt Füße und Körper.  
Lindert und beugt Schmerzen vor.

**Hält Dich langfristig gesund und fit.**



**HKS®**  
FIT FOR WORK

# FOOT HEALTH

## CUSTOMIZED INSOLES



### HKS® SOLEMATE: Custom-made, highly individualized insoles

Every foot is unique, which is precisely why our HKS® SOLEMATE Insoles rely on custom-fit solutions that are perfectly matched to your personal footprint and arch. HKS® SOLEMATE Insoles are custom-made to measure. Your personal requirement profile is created based on an anamnesis sheet and 3D scans via our HKS® SOLEMATE app and its evaluation by artificial intelligence and orthopaedic experts. Your individual insole is then produced by 3D printing and covered with our certified orthopaedic footbed cover to meet the regulation of DGUV-Regel 112-191 and ÖNorm Z 1259-2017.

- Individually made to measure and customized to your personal foot anatomy
- 3D scan via the HKS® SOLEMATE app to determine your personal requirements profile
- Evaluation of the 3D scan and anamnesis sheet by AI analysis and external orthopaedic expert
- 3D printing production with certified HKS®



HKS | Solemate App



### Holistic health promotion

Our individual, customized HKS® SOLEMATE-Insoles are designed to meet your personal podiatric and orthopaedic needs and are customized to your personal foot anatomy. The HKS® SOLEMATE insoles with muscle-activating effect offer the best health promotion and a variety of other benefits.

### Advantages for employees

- Prevents foot, knee, hip and back pain
- Supports the feet and the entire body
- Prevents foot misalignment and other foot problems
- Improves body statics and muscle balance
- Relieves the entire musculoskeletal system
- Prevents foot fatigue
- Increases productivity and performance
- Minimizes the risk of accidents and damage to health in the workplace
- Protects joints, ligaments and tendons
- Stabilizes the feet and body alignment
- Balances out foot misalignment and corrects the rolling of the feet
- Reduces absences due to illness
- Minimizes long-term damage

### Advantages for employers

- Preservation of the workforce – keyword (skilled) labor shortage
- Reduces sick days
- Increases productivity through reduced sick leave
- Increases employer attractiveness and promotes loyalty to the company
- Ensures cost minimization through fewer sick days
- Increases performance and motivation
- Prevents foot fatigue and the resulting injuries
- Maintains long-term health, fitness and performance
- Reduces the risk of accidents and damage to health in the workplace
- Increases well-being, satisfaction and wearer acceptance
- Serves to boost employee appreciation



Learn more about our HKS®  
SOLEMATE Insoles





# A+A MESSE

Hall 11, Booth H27

## FIT FOR WORK

### ABOUT HKS®



Highest Quality



Made in Germany



Sustainable Production



First-class Service



Innovative Design




Partnership



Internationality



Commitment

 Find out more about HKS®, our values and our commitment to sustainability, diversity and social issues.



### Location

Heinrich Klumpen Söhne GmbH & Co. KG  
Natt 18, D-41334 Nettetal

### Contact

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