STARCKE®

Genuine STARCKE. Since 1829.

Abrasive products for metalworking applications

www.starcke.de

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EXCELLENCE IS NOT A MATTER OF CHANCE

Abrasives from STARCKE are typically "Made in Germany". For customers and partners world-wide, this means they can rely on a leading supplier for the professional use of abrasives in industrial manufacturing applications. We offer efficient solutions ensuring perfect results in all lines of industry and areas of application.

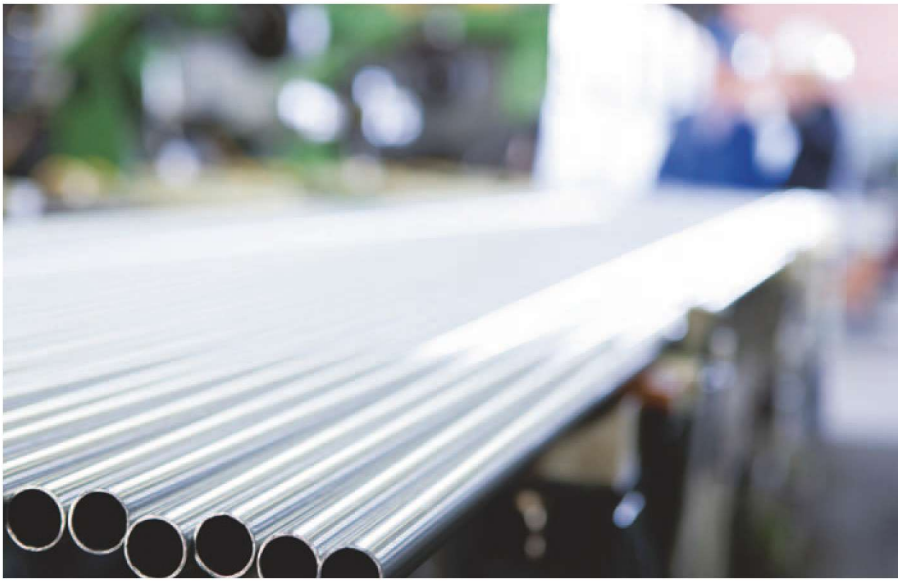
The STARCKE organization is a medium-sized and independent fourth-generation family-run business and ranks among the leading suppliers of quality abrasives. For more than a century, STARCKE abrasive cloths and papers have been used to give the required finish to all kinds of different products, ensuring top-quality results.

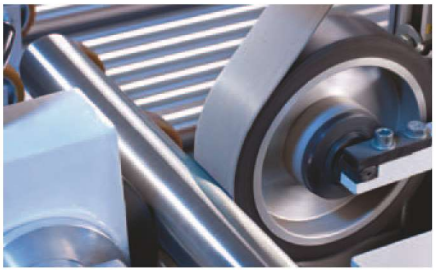
Quality is one of our top priorities and continually reviewed. This involves inspecting our batches on a regular basis and documenting the results. In addition to being ISO 9001 certified, STARCKE also complies with individual customer-defined standards, for example in the automotive industry.

OUR EXPERTISE IN METAL SURFACE FINISHING

Whether aluminum, alloy or high-alloy steel, non-ferrous metal or any of the countless other alloys: Each metal demands its own distinct grinding process to ensure the perfect surface is achieved.

Our customer support staff knows all about your specific requirements and the best possible results and provides expert advice on which grain type, backing, and bonding will ensure the desired result. This includes support over the entire development and project process, with our specialized applications engineers bringing their expertise right to your doorstep. All this is part of what we call "Genuine STARCKE".





Our abrasive products – Expertise in metalworking applications

- HIGH PRECISION FOR INDUSTRIAL APPLICATIONS
  Industrial applications require a high degree of specialization. Our STARCKE range of products offers precisely the right grinding tool for each specific job. To ensure a perfect surface and the longest possible service life.

- DURABILITY AND VERSATILITY FOR THE METAL INDUSTRY
  Metalworking businesses such as fitter's shops require multi-purpose grinding tools that cover a wide range of applications. Grinding belts from STARCKE offer a robust solution for everyday use.

- HIGH FLEXIBILITY IN CONTOUR SANDING
  Extremely tight radiuses require maximum flexibility. Especially in the fixtures (e.g. taps) and cutlery industry, perfect surfaces are essential for further finishing. STARCKE develops highly flexible sanding tools for these design products.

- PREPARATION FOR PAINTWORK
  The removal of imperfections, welded seams and burrs from automotive components requires durable and flexible abrasive products. STARCKE's special Velcro discs allow for perfect preparation of the surfaces for further finishing.

GRINDING BELTS

We offer grinding belts for a wide variety of machines and applications. From extremely durable Pearl Grinding products up to very hard silicon carbide belts, our range of products includes a wealth of different solutions. To make sure your machine operates with the perfect parts. Ensuring your business success.

	Grain Type	Properties	Fabric Options	Materials/Applications
	Pearl Grinding	Very uniform surface Extremely long service life	Robust polyester belt Cotton belt	Tube and sheet grinding of stainless steel
	Ceramic	Excellent cutting properties Very long service life	Durable polyester belt Flexible cotton belt	Stainless steel stock removal applications with coarse grain sizes Grinding of contoured stainless steel work pieces Fine grain sizes
	Zirconia	Excellent cutting properties Long service life	Durable polyester belt Cotton belt	Coarse metal grinding General-purpose use
	Aluminum oxide	All-round grain Multi-purpose use	Robust polyester belt Cotton belt Flexible cotton belt	Coarse metal grinding General-purpose use Metal grinding, also with fine grain sizes Grinding of contoured work pieces
	Silicon carbide	Very sharp and hard	Durable polyester belt Cotton belt Flexible cotton belt	Grinding of very hard metals Hard metals, also with fine grain sizes Contoured grinding of hard metals

VELCRO DISCS

Welding seams, deburring or fine surface sanding – these are applications for our Velcro discs with cloth or paper backing. Extremely flexible, they adapt smoothly to the contours of the work piece. Needless to say, these discs have a long service life and superb cutting performance.

	Grain Type	Properties	Options	Materials/Applications
	Zirconia	Very durable, long service life	Cotton fabric with Velcro	General-purpose disc for all metals For coarse grinding operations
	white aluminum oxide	Durable, stiff paper disc	Stiff E-paper with and without suction holes	General-purpose disc for all metals Ideal for large-area grinding
	Aluminum oxide	Flexible paper disc	Flexible C-paper with and without suction holes	General-purpose disc for all metals Suitable for flat grinding operations as well as curves and corners
	Silicon carbide	Waterproof paper	Available with and without Velcro	For metallurgy applications and watch cases

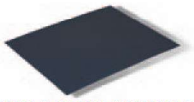
The products featured below are available in a wide range of different types, grain sizes and dimensions. Please contact us for more details. For detailed product information, please visit our website at **www.starcke.de**

WE PROMOTE DIALOG – FOR THE PERFECT RESULT!

Which of our products will help you achieve the best possible results? Which machine settings are the best? Which particular material properties do you need to be aware of? Our application engineers will answer all questions about processes and results and assist you wherever possible, especially when you get down to details.

SHEETS AND ROLLS

For perfect hand sanding operations. Flexible fabric ensures optimum adjustment. Easy to tear. Paper is the low-cost alternative for smooth surfaces.

	Grain Type	Properties	Options	Materials/Applications
	Aluminum oxide	Very flexible and durable fabric, easy to tear off		Hand sanding of all metals
	Aluminum oxide Silicon carbide	Waterproof paper	Available in grits up to 5000	Hand and machine sanding for smoothest surfaces
	Aluminum oxide	Very flexible and robust fabric, easy to tear off	Various roll widths	Hand sanding of all metals
	White aluminum oxide	Robust E-paper backing	Various roll widths	Flat hand sanding of all metals

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