

# BRUSH SOLUTIONS FOR THE METAL INDUSTRY

Preparation, transporting, deburring...



*Kullen*

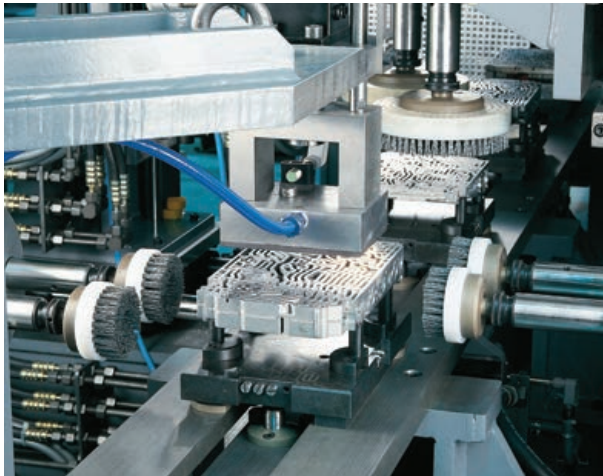
KOTI GROUP

Brushing Solutions

KULLEN KOTI BRUSHES

# BRUSHING SOLUTIONS IN PRACTICE

KULLEN-KOTI has been the most advanced manufacturer of industrial and technical brushes for more than a century. This also includes metal surface treatment in which almost every product undergoes surface treatment. Cleaning, finishing, preparing or improving features, KULLEN-KOTI brushes are always solution-oriented and absolutely indispensable in numerous production processes in the metal industry.



## Applications

The metal working industry includes a wide range of activities that results in many different types of surface treatment applications like:

- Deburring
- De-rusting
- Polishing
- Transporting
- Oiling - Waxing
- Removing dust and static charge
- Roughening

... And much more!

## Metal brushes

KULLEN-KOTI produces brushes for the metal industry in various types and shapes from small to large. The brushes can prepare different types of metal for using or applying substances to the surface. The metals can be treated by different brushes.

- Spiral brushes
- Tufted brushes
- Worktool brushes
- Brush laths
- Brush plates
- Brush discs
- Strip brushes
- Antistatic brushes
- Alphahon brushes

## Filling materials

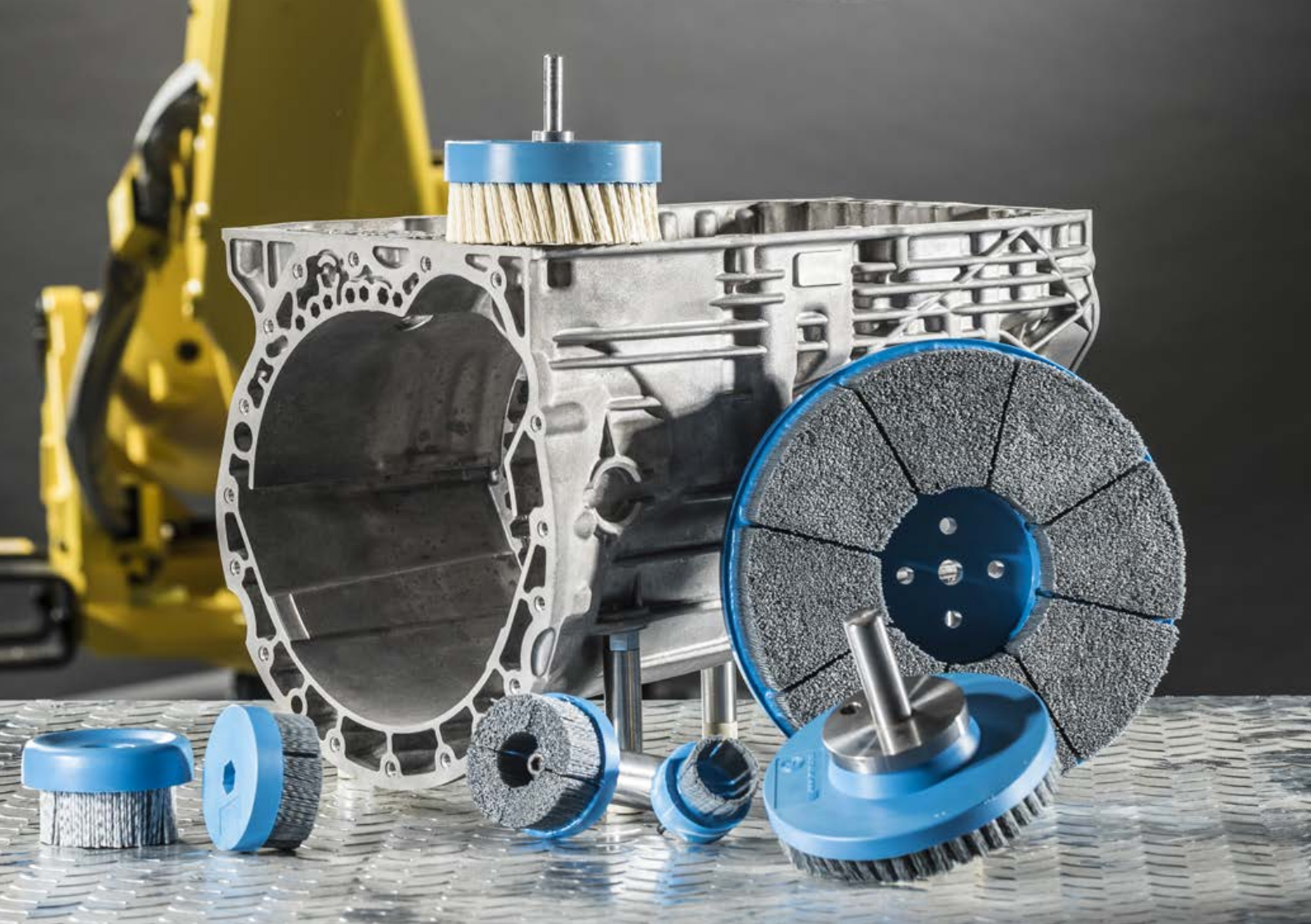
Metal working brushes are mostly made of filling materials, such as steel wires, synthetic filaments, nylon abrasives, natural hairs and plant fibers.

The worktool brushes are made of twisted steel or crimped steel wires. Different filling materials make it possible to achieve every result.

▼ *Alphahon brushes are elastic and flexible brush tools which hone the surface.*







## Advantages of KULLEN-KOTI brushes

- Appropriate for various applications
- Large choice of core sizes and filling materials
- Various dimensions available, depending on your application
- Different connection possibilities

## Advice and support

Thanks to our knowledge and expertise, we can advise you choosing the right brush.  
Do you have a new machine or system installation?  
Or an existing machine? We offer the requested technical support.  
For more information or to arrange a visit from our technical advisor,  
please contact the KULLEN-KOTI sales department.

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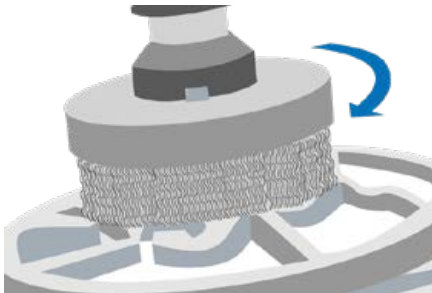
- *Brush discs with nylon abrasive filling are perfectly suited for de-burring.*



## Deburring

During the production process, sharp edges and burrs can arise on the metal. Burrs can vary in size and hardness causing the treatment process to not always be the same.

- KULLEN-KOTI brushes are suitable to work on many kinds of different burrs.
- KULLEN-KOTI brushes can be equipped for smooth sanding large surfaces and panels or for finishing diverse parts.



## De-rusting

The de-rusting brushes duties are removing rust of products such as car bodies, motor engines, drilling equipment, earth-moving equipment, etc. KULLEN-KOTI cup brushes offer the best solution for this result.

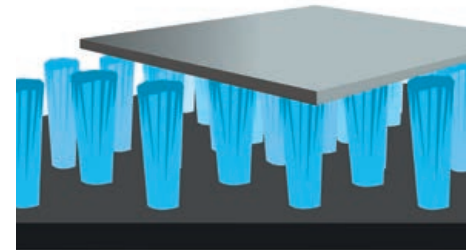
- De-rusting brushes provide a shining finish to oxidized and coated metal surfaces.
- Extremely suitable for hard to reach places.
- Specially developed for working on edges and corners.



## Transporting

During the production process KULLEN-KOTI brushes can provide a solution with the high carrying capacity of the brush while transporting metal plates.

- Brushes absorb shocks and protect materials during transportation.
- KULLEN-KOTI transporting brushes always prevent that products arrive scratched or damaged at the next working station.



## Polishing

The polishing of metal is not as easy as it looks. When polishing metal, it is more than just cleaning surfaces. Using the correct polishing brush, depend on a lot criteria.

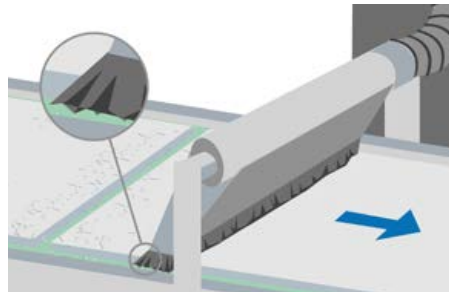
- The many brush options offer a solution for every polishing job and are available in all kinds of shapes and sizes.
- KULLEN-KOTI brushes are suitable for polishing products or smoothing out parts or products.



## Removing dust and static charges

To have a smoothly running production process, it is necessary to remove dust and prevent static electricity to make sure the process does not slow down.

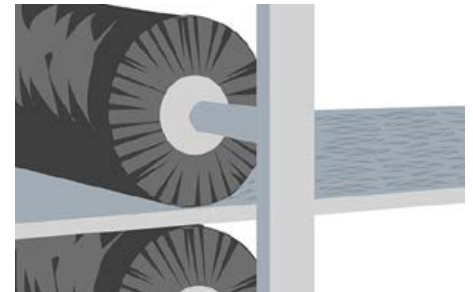
- A smooth surface before the first coating layer due to dust removal with KULLEN-KOTI brushes.
- KULLEN-KOTI antistatic brushes offer a perfect protection against the build-up of static charge.



## Roughening

The roughening of metal can be important for many different applications.

- KULLEN-KOTI brushes can be used to roughen up many different surfaces.
- When using these brushes the bonding strength of the material improves drastically.
- Brushes are also suitable to apply different cosmetic structures to materials.



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