



# **DEBURRING** **ON STATIONARY** **GRINDING MACHINES**

Product program



for an  
excellent finish

# PERFECT RESULTS FOR PRE-GRINDING, DEBURRING AND FINISHING WITH HERMES

You are looking for efficient and reliable tools for deburring and perfect finishing of punched, lasered, cut or milled workpieces?

The Hermes product portfolio of high-performance cloth and non-woven abrasives offers the right solution - for every requirement and every machine!

We offer grinding tools for all standard machines from the following manufacturers:

ARKU / Boere / Costa / DMC / EMC / Ernst / Famak / Fladder / Gecam / Heesemann / Houfek / Jonson / Lissmac / Loewer / NS Máquinas / Q-Fin / RWT / TFON / Timesavers / VG Machines / Viet / Weber and many more.



## YOUR PROCESS OUR SOLUTION

When deburring and finishing with quality tools from Hermes, you benefit from a significant increase in the functionality, quality, service life and safety of your workpieces and prepare them optimally for further process steps or their final use.

With our solutions, we guarantee you perfect surface qualities along with efficient machining processes.



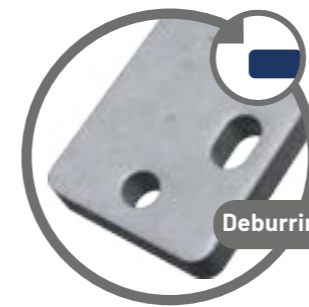
Slag hammer brushes for

Deslagging



Hermes cloth or non-woven belts and discs for

Pre-grinding & deburring



Deburring discs, brushes and wheels for

Deburring & edge-rounding



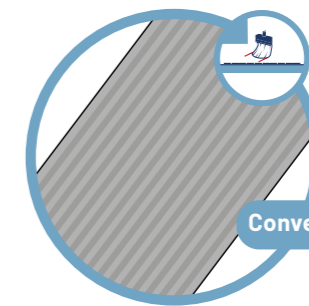
Brushes for

Oxide removal



Hermes cloth or non-woven belts and discs for

Finish-grinding



Additional Hermes solution for

Conveyor belt cleaning





# HERMES WIDE BELTS FOR PRE-GRINDING, DEBURRING AND FINISHING



**CERAMIT® CR 476 Z**



Material suitability	<ul style="list-style-type: none"> <li>Stainless steel</li> <li>High alloy steel</li> </ul>
Process	Pre-grinding and primary deburring (+ 80 and + 120)
Product advantages & Features	<ul style="list-style-type: none"> <li>Maximum stock removal and aggressive grinding thanks to self-sharpening high-performance grain and optimized grain scattering</li> <li>Cool grinding due to top-size coating</li> <li>No belt breakage even with aggressive primary burrs</li> <li>Excellent belt running properties</li> </ul>
Grain	Ceramic
Backing	Z-polyester-cloth
Grit range	+ 24, + 36, + 40, + 50, + 60, + 80, + 100, + 120



**RB 377 YX**



Material suitability	<ul style="list-style-type: none"> <li>Stainless steel</li> <li>Steel</li> <li>Aluminum</li> </ul>
Process	<ul style="list-style-type: none"> <li>Pre-grinding and primary deburring (+ 80 and + 120)</li> <li>Finishing</li> </ul>
Product advantages & features	<ul style="list-style-type: none"> <li>Can be used for any type of sheet metal</li> <li>Good stock removal rates due to innovative corundum grain mixture especially in the coarse grain range</li> <li>Creation of even, silky-matt surfaces when finishing</li> <li>Excellent belt tracking properties due to YX-cloth-backing</li> </ul>
Grain	Aluminum oxide
Backing	YX-polyester-cotton-cloth
Grit range	+ 36, + 40, + 60, + 80, + 100, + 120, + 150, + 180, + 220, + 240, + 280, + 320, + 400, + 500



**ZIRCONIT® ZR 494 Z**



Material suitability	<ul style="list-style-type: none"> <li>Stainless steel</li> <li>Steel</li> </ul>
Process	Pre-grinding and primary deburring (+ 80 and + 120)
Product advantages & features	<ul style="list-style-type: none"> <li>Outstanding cutting effect thanks to easy-cutting zirconium corundum grain</li> <li>Maximum performance through optimized grain coating process</li> <li>High stock removal rates and long tool life</li> <li>No belt breakage even with aggressive primary burrs</li> <li>Excellent belt running properties</li> </ul>
Grain	Zirconia alumina
Backing	Z-polyester-cloth
Grit range	+ 24, + 36, + 40, + 50, + 60, + 80, + 100, + 120



**RB 315 YX**



Material suitability	<ul style="list-style-type: none"> <li>Aluminum</li> <li>Stainless steel</li> <li>Plastic</li> </ul>
Process	<ul style="list-style-type: none"> <li>Pre-grinding and primary deburring (+ 80 and + 120)</li> <li>Finishing</li> </ul>
Product advantages & features	<ul style="list-style-type: none"> <li>Very good removal rates in the coarse grit range</li> <li>Creation of a uniform, glossy finish in the fine grain range</li> <li>Excellent belt tracking properties due to YX-cloth-backing</li> </ul>
Grain	Silicon carbide
Backing	YX-polyester-cotton-cloth
Grit range	P 24, P 36, P 40, P 60, P 100, P 120, P 150, P 180, P 220, P 240, P 280, P 320, P 400





# HERMES NON-WOVEN WIDE BELTS FOR DEBURRING, FINISHING AND CLEANING



**webrax-AN 702**



Material suitability	<ul style="list-style-type: none"> <li>Stainless steel</li> <li>Steel</li> <li>Aluminum</li> </ul>
Process	Finishing
Product advantages & features	<ul style="list-style-type: none"> <li>Medium-flexible, robust, surface conditioning belt with open structure</li> <li>Creates a uniformly fine, silk-matt brush finish (+ 180 and + 280) on stainless steel, steel and aluminum</li> <li>Optimum belt running due to fabric reinforcement</li> </ul>
Grain	Aluminum oxide
Backing	Cloth-reinforced non-woven
Grit range	+ 80 (CRS), + 100 (MED), + 180 (FIN), + 280 (VFN), + 320 (VFN+), + 400 (SFN)



**webrax-AN 701 50**



Material suitability	<ul style="list-style-type: none"> <li>Stainless steel</li> <li>Steel</li> </ul>
Process	<ul style="list-style-type: none"> <li>Light deburring (+ 180 and + 280)</li> <li>Finishing</li> </ul>
Product advantages & features	<ul style="list-style-type: none"> <li>Stiff, robust, aggressive surface conditioning belt</li> <li>Efficient use for light deburring work</li> <li>Creation of silky matt surfaces</li> <li>Optimum belt running due to cloth reinforcement</li> </ul>
Grain	Aluminum oxide (+ 80 to + 280), Silicon carbide (+ 800)
Backing	Cloth-reinforced non-woven
Grit range	+ 80 (CRS), + 100 (MED), + 180 (FIN), + 280 (VFN), + 800 (UFN)



**webrax-PN 721 10**



<b>Cleaning transport and conveyor belts</b>	
Cleaning the conveyor belts of your grinding machines with webrax non-woven belts without grain keeps your machines running long and efficiently, increases the performance and productivity of your grinding processes and reduces downtimes.	
The open but firm non-woven structure optimally absorbs cleaning products and effectively removes dirt particles such as metal chips, dust and other residues.	



**RB 480 24 YX VEL**



Material suitability	<ul style="list-style-type: none"> <li>Stainless steel</li> <li>Steel</li> <li>Aluminum</li> </ul>
Process	Pre-grinding and primary deburring (+ 80 and + 120)
Product advantages & features	<ul style="list-style-type: none"> <li>Excellent cutting action and high stock removal</li> <li>Long tool life</li> <li>High tear resistance even with aggressive primary burrs due to robust YX-cloth-backing</li> <li>Quick and easy change of the grinding disc thanks to velours backing</li> </ul>
Grain	Zirconia alumina
Backing	YX-polyester-cotton-cloth, velours-backed
Grit range	+ 80, + 120 (other grit sizes on request)



**webrax-AN 701 50**



Material suitability	<ul style="list-style-type: none"> <li>Stainless steel</li> <li>Steel</li> <li>Aluminum</li> <li>Plastic</li> </ul>
Process	<ul style="list-style-type: none"> <li>Light deburring (+ 180 and + 280)</li> <li>Finishing</li> </ul>
Product advantages & features	<ul style="list-style-type: none"> <li>Stiff, robust, aggressive surface conditioning disc</li> <li>Efficient use for light deburring work</li> <li>Creation of silky matt surfaces</li> <li>Low clogging and considerably finer surface qualities compared to conventional discs</li> <li>Easy and quick change of the disc thanks to hook &amp; loop system</li> </ul>
Grain	Aluminum oxide (+ 80 to + 280), Silicon carbide (+ 800)
Backing	Cloth-reinforced non-woven
Grit range	+ 80 (CRS), + 100 (MED), + 180 (FIN), + 280 (VFN), + 800 (UFN)



# HERMES DISCS FOR DEBURRING AND FINISHING



# HERMES ABRASIVES - MORE THAN GRINDING TOOLS!



## EXPERTISE & CONSULTING

Whenever you need support: our experts are there for you. Whether it's choosing the right grinding tool, process optimization, product testing or training your employees. Whether at your or at our premises, by phone or email - you can count on us.



**TUV NORD**  
TUV NORD CERT  
GmbH

**SEAM**  
Sustainable Environmental Assessment Method

**01**  
Environment

**02**  
Labor

**03**  
Economy

## RESPONSIBILITY & SUSTAINABILITY

Responsible action and sustainable management are and have always been key components of our corporate strategy.

We are continuously developing our activities in this regard, are regularly certified and are measured against our successes at all times.

## HERMES CONNECT

### ONLINE- SERVICE PORTAL

Get information, order goods and track them - around the clock! Hermes Connect is your key source for all important services and information on our abrasive tools: stock availability and prices as well as a direct shop function and your personal order overviews.



### CONTACT

Contact us at any time so that we can find the right solution for you. In the contact area on our website [hermes-abrasives.com](https://hermes-abrasives.com) you can find with just a few clicks the right contact person responsible for you.



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