



Your Partner in the Nautical Industry

Tools and system solutions for processing
metals and composites

2025

Premium grinding solutions since 1919
www.tyrolit.com



The Tyrolit Group

Tyrolit is one of the world's leading manufacturers of grinding and dressing tools, as well as a system provider for the construction industry. For over 100 years, our innovative tools and solutions have played a crucial role in technological advancements across various industries.

With roots in the heart of the Austrian Alps, Tyrolit combines the strengths of family values with a global vision and over a century of individual corporate and technological experience.

We aim to impress both internal and external target groups and foster fair, enduring partnerships. In pursuit of our goals, we consistently optimise the quality of our products and services while continuously adjusting our business processes to meet evolving market demands.

Our global supply chain management ensures on-time delivery of products to customers worldwide. Investments in research and development, employee training, and technological advancements are core elements of our corporate culture.



Tyrolit headquarters in Schwaz (Austria)

Facts & Figures

80.000+
standard products

30+
global production sites

4.500+
valued employees

140+
countries within our reach

500+
patents worldwide

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Pictograms

Machines



Angle grinder



Straight grinder



Floorstanding grinder



Hand-operated grinding



Dual action sander



Portable belt grinder



Mini belt grinder



TYROLIT POWER handheld machine



TYROLIT POWER surface sander



Semi-automatic sander



Robot sander



CNC machine



Drilling machine

Materials



Steel



Stainless steel



Nonferrous metals



Masonry



Plastics / PVC



Casting materials



Wood



Gelcoat



Titanium / Titanium alloys



Composite materials



Paint



Granite



Concrete



Marble / Limestone

Your partner in the nautical industry

Performance and efficiency on all materials



The nautical industry is at a crossroads, facing significant challenges driven by rapid environmental changes, a dynamic market, and emerging technologies. To navigate these challenges, manufacturers of boats and ships must embrace technological innovations and redesign work processes to be more environmentally friendly and efficient.

With over a century of experience in abrasives and long-standing partnerships with machine manufacturers and customers, Tyrolit delivers exceptional tools for machining steel, aluminium, composites and every other material used for shipbuilding. Combined with outstanding customer support and deep application knowledge, we empower you to gain a lasting competitive advantage in the nautical industry.



System provider

for every application in the nautical sector



Extensive experience

in abrasives and numerous precision industries



On-site support

for excellent processes and results



Technology leader

through numerous patents and innovations

Nautical applications

CUTTING

Cut-off wheels

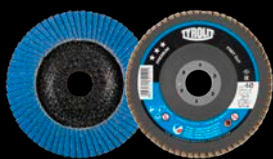


Diamond cut-off wheels



GRINDING

Flap discs



Rough grinding wheels



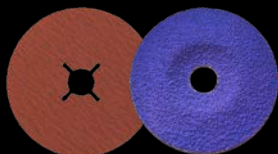
Carbide burrs



Diamond grinding wheels



Fibre discs



Grinding belts



SURFACE PREPARATION

Surface sander



Handheld machine

DRILLING

Core drills



Twist drills



Carbide drills



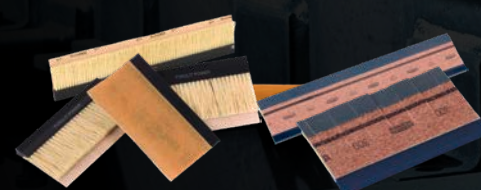
Counter sinks



Chamfers



Strips



FINISHING | POLISHING

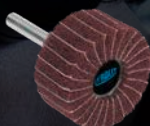
SCM discs and belts



Polishing products



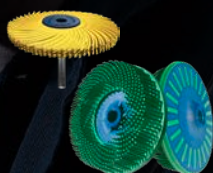
Fleece and flap pins



Rolls and sheets



Bristle brushes



Compact wheels

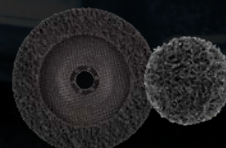


ROUGH CLEANING

Brushes



Rough cleaning wheels

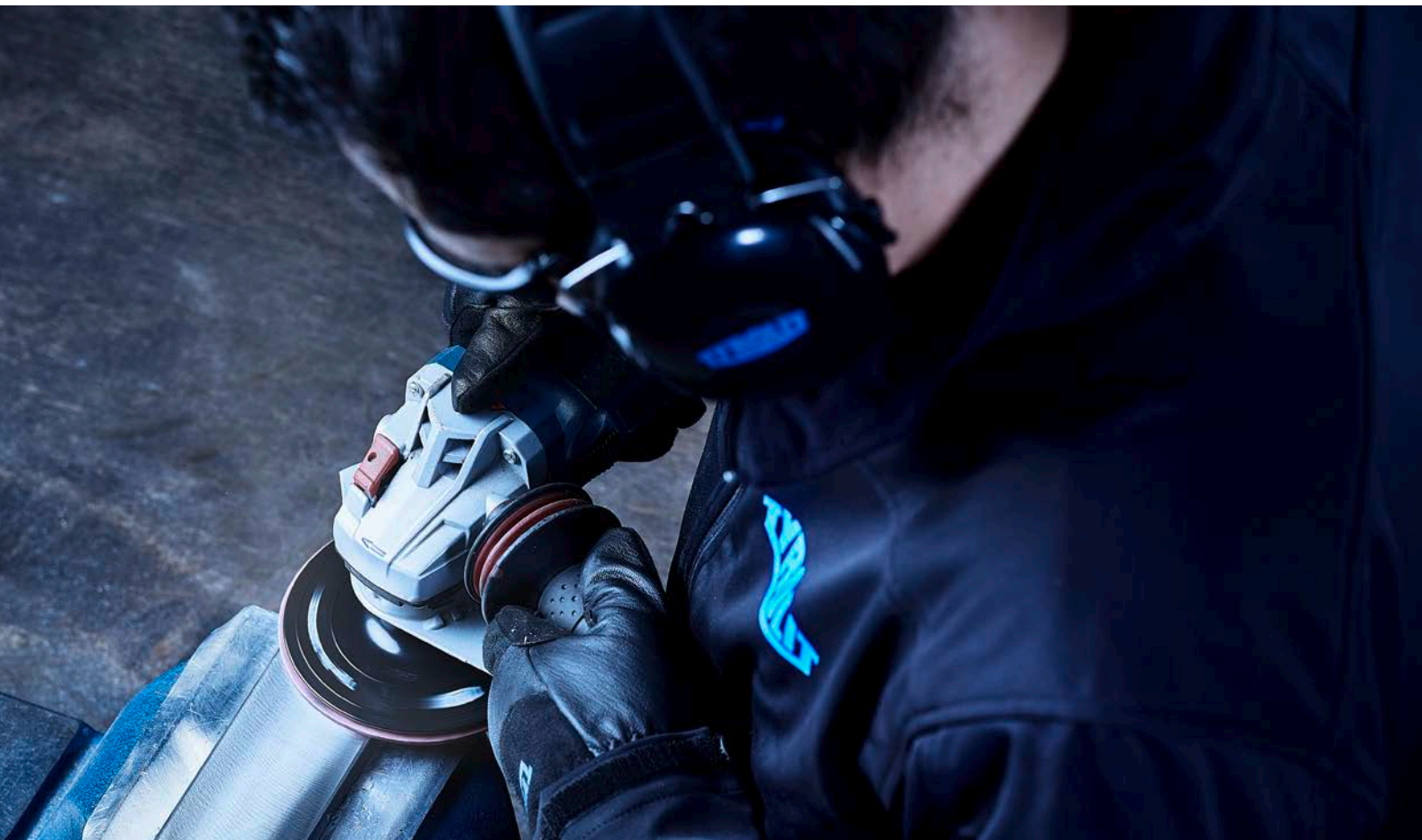


Steel, Stainless Steel and Aluminium

Exceptional surface quality

The most important prerequisite for durable and efficient vessels is surface quality. In order to machine and finish surfaces to perfection, Tyrolit offers various solutions – from grinding to rough cleaning and finishing as well as polishing.

The portfolio offers aggressive fibre and flap discs for fast material removal in maintenance processes as well as rough Strip-It discs to clean surfaces from rust and corrosion or to remove paint and lacquer without altering the shape. Afterwards the surfaces can be machined with our surface conditioning material (SCM) products and prepared to be polished to perfection. The surface finish of the hull for example is crucial for paint and coating adhesion, weld quality and corrosion resistance. Tyrolit offers products for every surface and material to equip customers with extraordinary tools for all applications.



Reach your goals faster with CERABOND X



When working with marine-grade steel, there are several challenges manufacturers have to conquer. First of all, the types of steel used are significantly harder than conventional materials. In order to process them efficiently, you need tools of the best quality like our CERABOND X line. Less heat generation and shortest machining times save money and time as well as protect the health of operators. With maximum material removal and the longest lifetimes on the abrasives market, the product range offers everything you need for shipbuilding and maintenance.

YOUR ADVANTAGES

- + Unbeatable performance**
The self-sharpening ceramic grain stays aggressive over the entire lifetime.
- + Longest tool life**
The special CERABOND X bond ensures minimal wear, even on the hardest and most demanding workpieces.
- + Optimal cost-benefit ratio**
Outstanding performance leads to fewer wheel changes – resulting in significantly reduced costs.
- + Fast and uncompromising**
Get your work done faster, more precise and more efficient with the CERABOND X range.





Cutting discs - Freehand cut-off wheels



CERABOND X cut-off wheels

for steel and stainless steel



Application



- + For machining different steel and stainless steel grades
- + For cutting very hard, challenging workpieces and solid materials

We recommend

- + 1.0 to 1.6 mm for fastest cutting and minimum burr formation
- + 2.0 mm for long lifetime and maximum stability

Advantage

- + Shortest cutting times due to the structure of the ceramic grain used
- + Very long lifetime on hard and demanding materials
- + Extremely sharp cut-off wheel enables the user to work very comfortably and with little effort

Shape	Type number	Dimension	Specification	PU	
	41	34690818	115 x 1,0 x 22,23	CA 60 Q- BFPX	25 Pcs.
		34690817	125 x 1,0 x 22,23	CA 60 Q- BFPX	25 Pcs.
		34597630	125 x 2,0 x 22,23	CA 30 Q- BFP	25 Pcs.
		34646366	150 x 1,6 x 22,23	CA 46 Q- BFP	25 Pcs.
		34646367	178 x 1,6 x 22,23	CA 46 Q- BFP	25 Pcs.
		34638765	230 x 2,0 x 22,23	CA 30 Q- BFP	25 Pcs.
	42	34606299	125 x 1,6 x 22,23	CA 46 Q- BFP	15 Pcs.
		34646368	150 x 1,6 x 22,23	CA 46 Q- BFP	25 Pcs.



PREMIUM ACCU cut-off wheels

for steel and stainless steel




Application

- + These products have been optimised for battery-powered angle grinders and are ideal for cutting thin-walled metal sheets, profiles and pipes made of steel and stainless steel

Advantage

- + Work on smaller tasks in hard-to-reach areas without the need for a power source, while still benefiting from the usual Tyrolit quality
- + Tool can be used for a wide variety of applications on steel and stainless steel
- + Also makes light work of small cross-sections, rods and reinforced steel

Shape	Type number	Dimension	Specification	PU	
	41	34022958	115 x 1,0 x 22,23	A60Q-BFKA	25 Pcs.
		34022959	125 x 1,0 x 22,23	A60Q-BFKA	25 Pcs.



BASIC CUT-ALL cut-off wheels

for universal use




Application

- + For cutting tasks on a variety of materials

Advantage

- + Universal use on numerous materials
- + Smooth cutting
- + Low burr formation

Shape	Type number	Dimension	Specification	PU	
	41	34663835	115 x 1,0 x 22,23	AC 60 Q- BFB	25 Pcs.
		34663836	115 x 1,6 x 22,23	AC 46 Q- BFB	25 Pcs.
		34663838	125 x 1,0 x 22,23	AC 60 Q- BFB	25 Pcs.
		34663840	125 x 1,6 x 22,23	AC 46 Q- BFB	25 Pcs.
		34663882	178 x 1,6 x 22,23	AC 46 Q- BFB	25 Pcs.
		34663883	230 x 1,9 x 22,23	AC 46 Q- BFB	25 Pcs.



ONE 2in1 cut-off wheels

for steel and stainless steel



Application




- + For machining various grades of steel and stainless steel
- + For cutting steel sheets, profiles, pipes, rods and solid material

Advantage

- + Proven Tyrolit quality at an entry-level price
- + Unrivalled price-performance ratio
- + Perfect for do-it-yourselfers, but also suitable for professionals

We recommend

- + 1.0 to 1.9 mm for fast cutting and low burr formation
- + 2.0 to 3.0 mm for high lifetime and stability

Shape	Type number	Dimension	Specification	PU	
 	41	34689593	115 x 1,0 x 22,23	A 60 Q- BFO	25 Pcs.
		34689594	115 x 1,6 x 22,23	A 46 Q- BFO	25 Pcs.
		34689616	115 x 2,5 x 22,23	A 30 Q- BFO	25 Pcs.
		34689599	125 x 1,0 x 22,23	A 60 Q- BFO	25 Pcs.
		34689595	125 x 1,6 x 22,23	A 46 Q- BFO	25 Pcs.
		34689619	125 x 2,5 x 22,23	A 30 Q- BFO	25 Pcs.
		34689611	150 x 1,6 x 22,23	A 46 Q- BFO	25 Pcs.
		34689625	150 x 2,0 x 22,23	A 30 Q- BFO	25 Pcs.
		34689612	178 x 1,6 x 22,23	A 46 Q- BFO	25 Pcs.
		34689628	178 x 2,5 x 22,23	A 30 Q- BFO	25 Pcs.
		34689613	230 x 1,9 x 22,23	A 46 Q- BFO	25 Pcs.
		34689643	230 x 2,5 x 22,23	A 30 Q- BFO	25 Pcs.
		34689644	230 x 3,0 x 22,23	A 30 Q- BFO	25 Pcs.
			42	34689615	115 x 2,5 x 22,23
34689617	115 x 3,0 x 22,23			A 30 Q- BFO	25 Pcs.
34689620	125 x 2,5 x 22,23			A 30 Q- BFO	25 Pcs.
34689621	125 x 3,0 x 22,23			A 30 Q- BFO	25 Pcs.

Shape	Type number	Dimension	Specification	PU
	34689630	178 x 3,0 x 22,23	A 30 Q- BFO	25 Pcs.
	34689645	230 x 3,0 x 22,23	A 30 Q- BFO	25 Pcs.



PREMIUM cut-off wheels

for nonferrous metals



Application





- + For machining different types of nonferrous metals such as aluminium, aluminium bronze, aluminium base alloys, copper, bronze, brass, nickel silver and titanium

Advantage

- + New specifications prevent clogging and dulling of the wheel
- + Specification and manufacturing method enable the shortest cutting times
- + Enhanced performance

We recommend

- + 1.0 to 1.9 mm for fastest cutting and minimum burr formation
- + 2.0 to 3.0 mm for maximum lifetime and stability

Shape	Type number	Dimension	Specification	PU		
		41	34332821	115 x 1,0 x 22,23	A 60 N- BFP	25 Pcs.
		34332823	115 x 1,6 x 22,23	A 46 N- BFP	25 Pcs.	
		39624	115 x 2,5 x 22,23	A 30 N- BFX A	25 Pcs.	
		34332822	125 x 1,0 x 22,23	A 60 N- BFP	25 Pcs.	
		34332824	125 x 1,6 x 22,23	A 46 N- BFP	25 Pcs.	
		39321	125 x 2,5 x 22,23	A 30 N- BFX A	25 Pcs.	
		525355	178 x 2,0 x 22,23	A 30 N- BFX A	25 Pcs.	
		32141	178 x 2,5 x 22,23	A 30 N- BFX A	25 Pcs.	
		34332825	230 x 2,0 x 22,23	A 30 N- BFP	25 Pcs.	
		32142	230 x 2,5 x 22,23	A 30 N- BFX A	25 Pcs.	
		42	82646	115 x 2,5 x 22,23	A 30 N- BFX A	25 Pcs.
		366888	125 x 2,5 x 22,23	A 30 N- BFX A	25 Pcs.	
		5485	178 x 3,0 x 22,23	A 30 N- BFX A	25 Pcs.	
		30741	230 x 3,0 x 22,23	A 30 N- BFX A	25 Pcs.	



PREMIUM cut-off wheels
for steel




Application

- + For machining different steel grades
- + For cutting thin-walled metal sheets, profiles, pipes, rods and solid material

Advantage

- + Particularly thin and fine-grained wheels allow short cutting times and fatigue-free working
- + Ideal for machining hard-to-reach areas
- + Particularly impressive because of their long lifetime and simple, accurate handling
- + Grit size 100 enables particularly low-burr cutting

Shape	Type number	Dimension	Specification	PU	
	41	699330	63 x 1 x 10	A 100 - BFM	100 Pcs.
		34576477	63 x 1 x 10	A 100 - BFM	25 Pcs.
		704198	63 x 2 x 10	A 100 - BFM	100 Pcs.
		325212	75 x 1 x 10	A 100 - BFM	100 Pcs.
		34576478	75 x 1 x 10	A 100 - BFM	25 Pcs.

Grinding wheels - Rough grinding wheels



CERABOND X rough grinding wheels

for steel and stainless steel



Application



- + Ideal for grinding hard steel and stainless steel surfaces, for example edge grinding, surface grinding or removing welding seams

We recommend

- + 4 mm thickness for peripheral grinding
- + 7 mm thickness for rough grinding

Advantage

- + Fastest grinding thanks to the structure of the ceramic grain used
- + Consistent abrasiveness thanks to the combination of the new bond system and ceramic grain
- + Maximum lifetime and therefore fewer wheel changes for the operator

Shape	Type number	Dimension	Specification	PU	
 	27	34401830	115 x 7 x 22,23	CA 24 Q- BFP	5 Pcs.
		34401841	125 x 4 x 22,23	CA 24 Q- BFP	5 Pcs.
		34387126	125 x 7 x 22,23	CA 24 Q- BFP	5 Pcs.
		34401843	150 x 4 x 22,23	CA 24 Q- BFP	5 Pcs.
		34401847	150 x 7 x 22,23	CA 24 Q- BFP	5 Pcs.
		34401849	178 x 4 x 22,23	CA 24 Q- BFP	5 Pcs.
		34401850	178 x 7 x 22,23	CA 24 Q- BFP	5 Pcs.
		34401852	230 x 4 x 22,23	CA 24 Q- BFP	5 Pcs.
		34387127	230 x 7 x 22,23	CA 24 Q- BFP	5 Pcs.



ONE 2in1 rough grinding wheels

for steel and stainless steel





Application

- + For surface and edge grinding on various grades of steel and stainless steel

Advantage

- + Fast and comfortable working without great effort
- + Proven Tyrolit quality at an entry-level price
- + Perfect for do-it-yourselfers, but also suitable for professionals

Shape		Type number	Dimension	Specification	PU
 	27	34689646	115 x 6 x 22,23	A 30 Q- BFO	10 Pcs.
		34689647	125 x 6 x 22,23	A 30 Q- BFO	10 Pcs.
		34689648	150 x 6 x 22,23	A 30 Q- BFO	10 Pcs.
		34689649	178 x 6 x 22,23	A 30 Q- BFO	10 Pcs.
		34689650	230 x 6 x 22,23	A 30 Q- BFO	10 Pcs.

Grinding wheels - Grinding wheels straight grinder



PREMIUM 1F80 grinding wheels for steel



Application


- + For demanding work on different steel grades in difficult-to-reach places
- + For adding flutes and notches, for deburring gears, for maintaining turbine blades, for rough grinding curved surfaces in cavities and for welding

Advantage

- + Bond system tailored to steel with maximum abrasiveness and long lifetime
- + Enhanced economic efficiency
- + Highest quality

We recommend

- + Use a protection cover for diameters above 80 mm

Shape		Type number	Dimension	Specification	PU
	1F80	34587619	50 x 10 x 6	A 30 S- BFX /80	20 Pcs.
		34587661	60 x 10 x 10	A 30 S- BFX /80	20 Pcs.
		441233	70 x 10 x 10	A 30 S- BFX /80	100 Pcs.

Tungsten carbide burrs - Tungsten carbide burrs



PREMIUM tungsten carbide burrs for nonferrous metals








Application

- + For demanding work on nonferrous metals such as aluminium, aluminium bronze, aluminium base alloys, copper, bronze, brass, nickel silver and titanium
- + Particularly suitable for grinding tasks with hand-operated pneumatic or electric machines and industrial robots in difficult-to-reach places

Advantage

- + Highly efficient precision tool produced on modern CNC grinding machines
- + The tool achieves the longest lifetimes and maximum abrasiveness on nonferrous metals
- + Broad assortment

Shape	Type number	Dimension	Specification	PU	
	52KEL	766935	10 x 27 - 6 x 75	ALU6	1 Pcs.
		768896	12 x 30 - 6 x 75	ALU6	1 Pcs.
	52RBF	768845	10 x 19 - 6 x 65	ALU6	1 Pcs.
		768848	12 x 25 - 6 x 70	ALU	1 Pcs.
	52WRC	768884	10 x 19 - 6 x 65	ALU6	1 Pcs.
		768885	12 x 25 - 6 x 70	ALU	1 Pcs.
	52ZYA	806824	10 x 19 - 6 x 65	ALU	1 Pcs.
		806826	12 x 25 - 6 x 70	ALU	1 Pcs.
	52ZYA-S	768715	10 x 19 - 6 x 65	ALU	1 Pcs.
		768717	12 x 25 - 6 x 70	ALU	1 Pcs.



PREMIUM tungsten carbide burrs HPC (High Performance Coating)

for casting, steel, and stainless steel







Application

- + For demanding work on cast iron, steel and stainless steel
- + For varied grinding tasks with hand-operated, pneumatic or electric machines and industrial robots in difficult-to-reach places

Advantage

- + With the longest possible lifetime thanks to newly developed geometry on the cutting edge
- + State-of-the-art coating technology for a stronger and smoother milling head
- + Up to twice the stock removal rate compared to other premium class tungsten carbide burrs

Shape	Type number	Dimension	Specification	PU	
	52RBF	34551654	6 x 18 - 6 x 50	MX-HPC	1 Pcs.
		34551655	8 x 19 - 6 x 64	MX-HPC	1 Pcs.
		34551656	10 x 19 - 6 x 64	MX-HPC	1 Pcs.
		34551657	12 x 25 - 6 x 70	MX-HPC	1 Pcs.
	52WRC	34551600	6 x 18 - 6 x 50	MX-HPC	1 Pcs.
		34551651	8 x 19 - 6 x 64	MX-HPC	1 Pcs.
		34551652	10 x 19 - 6 x 64	MX-HPC	1 Pcs.
		34551653	12 x 25 - 6 x 70	MX-HPC	1 Pcs.
 	52ZYA-S	34551596	6 x 18 - 6 x 50	MX-HPC	1 Pcs.
		34551597	8 x 19 - 6 x 64	MX-HPC	1 Pcs.
		34551598	10 x 19 - 6 x 64	MX-HPC	1 Pcs.
		34551599	12 x 25 - 6 x 70	MX-HPC	1 Pcs.



PREMIUM tungsten carbide burrs HPC (High Performance Coating) set

for casting, steel, and stainless steel



Application

- + For demanding work on cast iron, steel and stainless steel
- + For varied grinding tasks with hand-operated, pneumatic or electric machines and industrial robots in difficult-to-reach places
- + Set 34557648: 34551657 | 34551599 | 34551653

Advantage

- + With the longest possible lifetime thanks to newly developed geometry on the cutting edge
- + State-of-the-art coating technology for a stronger and smoother milling head
- + Up to twice the stock removal rate compared to other premium class tungsten carbide burrs
- + Set: 3 burrs 12x25-6x70 (52ZYA-S, 52WRC, 52RBF)

Type number	PU
34557648	1 Pcs.



Brushes - Cup brushes



PREMIUM Shield cup brushes for steel



Application





- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of steel

We recommend

- + Knotted wire DW for soft materials, delicate surfaces and slight impurities
- + Twisted wire DZ for heavy work, severe contamination and for removing paint and lacquer

Advantage

- + Transparent protection for maximum safety with an unrestricted view of the workpiece being ground
- + The flexibility of the plastic flaps means that hard-to-reach places can also be ground with ease
- + Universal tool with maximum brush life
- + Brass-plated steel wire SM prevents corrosion

Shape	Type number	Dimension	Specification	PU	
 	11TDW	34023780	75 x 20 x M14-2	SM 0,3 mm	1 Pcs.
	11TDZ	34023778	65 x 20 x M14-2	S 0,5 mm	1 Pcs.
	6TDW	34023827	80 x 30 x M14-2	SM 0,3 mm	1 Pcs.
		34023828	100 x 30 x M14-2	SM 0,3 mm	1 Pcs.
	6TDZ	34023823	80 x 25 x M14-2	S 0,5 mm	1 Pcs.
		34023824	100 x 25 x M14-2	S 0,5 mm	1 Pcs.



PREMIUM cup brushes

for steel



Application





- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of steel
- + Cup brushes specially for grinding large surfaces

Advantage

- + Universal tool with maximum brush life
- + Hardened steel wire SH for additional brush life available
- + Highest quality

We recommend

- + Knotted wire DW for soft materials, delicate surfaces and slight impurities
- + Twisted wire DZ for heavy work, severe contamination and for removing paint and lacquer

Shape	Type number	Dimension	Specification	PU	
 	11TDW	896157	60 x 16 x M14	S 0,3 mm	1 Pcs.
		896158	60 x 16 x M14	S 0,5 mm	1 Pcs.
		896160	75 x 20 x M14	S 0,3 mm	1 Pcs.
		896161	75 x 20 x M14	S 0,5 mm	1 Pcs.
		896164	100 x 30 x M14	S 0,3 mm	1 Pcs.
		896165	100 x 30 x M14	S 0,5 mm	1 Pcs.
		896250	125 x 35 x M14	S 0,3 mm	1 Pcs.
	11TDZ	829292	80 x 35 x M14	SH 0,5 mm	1 Pcs.
		829293	100 x 35 x M14	SH 0,5 mm	1 Pcs.
	6TDZ	890862	65 x 20 x M14	SH 0,5 mm	1 Pcs.
		890860	65 x 20 x M14	SH 0,35 mm	1 Pcs.
		890864	80 x 25 x M14	SH 0,5 mm	1 Pcs.
		890863	80 x 25 x M14	SH 0,35 mm	1 Pcs.
		896289	100 x 25 x M14	SH 0,5 mm	1 Pcs.
		890866	100 x 25 x M14	SH 0,35 mm	1 Pcs.
		896290	120 x 25 x M14	SH 0,5 mm	1 Pcs.
		896291	120 x 25 x M14	SH 0,35 mm	1 Pcs.



BASIC cup brushes

for steel



Application




- + Twisted wire DZ for heavy work, severe contamination and for removing paint and lacquer
- + Cup brushes for grinding large surfaces

Advantage

- + Universal tool with good brush life
- + Hardened steel wire SH for additional brush life
- + Brass-plated steel wire SM prevents corrosion

We recommend

- + Knotted wire DW for removing rust and paint, as well as for finishing
- + Twisted wire DZ for heavy work, severe contamination and for removing paint and lacquer

Shape		Type number	Dimension	Specification	PU
 	11TDW	34275595	60 x 16 x M14	S 0,5 mm	1 Pcs.
		34275869	60 x 16 x M14	SM 0,3 mm	1 Pcs.
		34275596	75 x 20 x M14	S 0,5 mm	1 Pcs.
		34275870	75 x 20 x M14	SM 0,3 mm	1 Pcs.
		34275599	100 x 30 x M14	S 0,5 mm	1 Pcs.
		34275961	100 x 30 x M14	SM 0,3 mm	1 Pcs.
	6TDZ	34275965	65 x 20 x M14	SH 0,5 mm	1 Pcs.
		34275966	80 x 25 x M14	SH 0,5 mm	1 Pcs.
		34275967	100 x 25 x M14	SH 0,5 mm	1 Pcs.



PREMIUM Shield cup brushes

for stainless steel



Application




- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of stainless steel

Advantage

- + Transparent protection for maximum safety with an unrestricted view of the workpiece being ground
- + The flexibility of the plastic flaps means that hard-to-reach places can also be ground with ease
- + Universal tool with maximum brush life
- + High-quality stainless steel wire prevents rusting of the workpiece

We recommend

- + Knotted wire DW for soft materials, delicate surfaces and slight impurities
- + Twisted wire DZ for heavy work, severe contamination and for removing paint and lacquer

Shape	Type number	Dimension	Specification	PU	
 	11TDW	34023812	75 x 20 x M14-2	E 0,3 mm	1 Pcs.
	11TDZ	34023813	65 x 20 x M14-2	E 0,5 mm	1 Pcs.



PREMIUM cup brushes

for stainless steel



Application




- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of stainless steel
- + Cup brushes specially for grinding large surfaces

Advantage

- + High-quality stainless steel wire prevents rusting of the workpiece
- + Universal tool with maximum brush life
- + Highest quality

We recommend

- + Knotted wire DW for soft materials, delicate surfaces and slight impurities
- + Twisted wire DZ for heavy work, severe contamination and for removing paint and lacquer

Shape		Type number	Dimension	Specification	PU	
		11TDW	896167	60 x 16 x M14	E 0,3 mm	1 Pcs.
			896170	75 x 20 x M14	E 0,3 mm	1 Pcs.
			896174	100 x 30 x M14	E 0,3 mm	1 Pcs.
		6TDZ	890852	65 x 20 x M14	E 0,5 mm	1 Pcs.
			890851	65 x 20 x M14	E 0,35 mm	1 Pcs.
			890854	80 x 25 x M14	E 0,5 mm	1 Pcs.



PREMIUM cup brushes

for nonferrous metals



Application



- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of nonferrous metals
- + Cup brushes specially for grinding large surfaces

Advantage

- + Brass wire achieves the best results on workpieces made of nonferrous metals
- + Universal tool with maximum brush life
- + Powerful tool

We recommend

- + Knotted wire DW for soft materials, delicate surfaces and slight impurities

Shape	Type number	Dimension	Specification	PU	
 	11TDW	34042515	80 x 25 x M14	M 0,3 mm	1 Pcs.



PREMIUM shaft mounted cup brushes

for steel



Application



- + For removing rust, cleaning welding seams and for surface preparation and finishing of steel

We recommend

- + Knotted wire DW for cleaning work such as removing paint, rust, scale and crusts or for deburring

Advantage

- + Especially suitable for hard-to-reach places due to their shape
- + Universal tool with maximum brush life
- + Powerful tool

Shape		Type number	Dimension	Specification	PU
 	52TDW	890753	40 x 10 x 15 - 6 x 30	S 0,2 mm	25 Pcs.
		890756	40 x 10 x 15 - 6 x 30	S 0,3 mm	25 Pcs.
		903359	50 x 10 x 20 - 6 x 30	S 0,3 mm	25 Pcs.
		890763	60 x 15 x 20 - 6 x 30	S 0,3 mm	25 Pcs.
		890774	70 x 15 x 25 - 6 x 30	S 0,3 mm	25 Pcs.



PREMIUM shaft mounted cup brushes

for universal use



Application



- + For use on almost all materials such as steel, stainless steel, aluminium, copper, brass or wood

We recommend

- + Wire with grain DK for deburring gears, valve parts, cutting edges of profiles and tubes

Advantage

- + Especially suitable for use in hard-to-reach places
- + Universal tool with maximum brush life
- + Shaft mounted cup brushes with silicon carbide are very hard and thus enable very high stock removal rates

Shape		Type number	Dimension	Specification	PU
 	52TDK	34043178	60 x 15 x 20 - 6 x 30	C180 0,9 mm	25 Pcs.
		34043546	70 x 15 x 25 - 6 x 30	C180 0,9 mm	25 Pcs.



BASIC shaft mounted cup brushes

for steel



Application



- + For removing rust, cleaning welding seams and for surface preparation and finishing of steel

Advantage

- + Universal tool with good brush life
- + Especially suitable for hard-to-reach places due to their shape
- + Brass-plated steel wire SM prevents corrosion

We recommend

- + Knotted wire DW for cleaning work such as removing paint, rust, scale and crusts or for deburring

Shape		Type number	Dimension	Specification	PU
 	52TDW	34276010	70 x 15 x 25 - 6 x 30	S 0,3 mm	1 Pcs.
		34276013	70 x 15 x 25 - 6 x 30	SM 0,3 mm	1 Pcs.



BASIC shaft mounted cup brushes

for universal use



Application

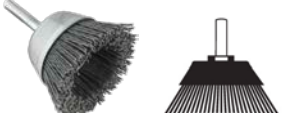
- + For use on almost all materials such as steel, stainless steel, aluminium, copper, brass or wood

Advantage

- + Especially suitable for use in hard-to-reach places
- + Universal tool
- + Shaft mounted cup brushes with silicon carbide are very hard and thus enable very high stock removal rates

We recommend

- + Wire with grain DK for deburring gears, valve parts, cutting edges of profiles and tubes

Shape	Type number	Dimension	Specification	PU	
	52TDK	34541653	75 x 10 x 20 - 6 x 30	C80 1 mm	1 Pcs.



PREMIUM shaft mounted cup brushes

for stainless steel



Application


- + For removing rust, cleaning welding seams and for surface preparation and finishing of stainless steel

We recommend

- + Knotted wire DW for cleaning work such as removing paint, rust, scale and crusts or for deburring

Advantage

- + Universal tool with maximum brush life
- + Especially suitable for hard-to-reach places due to their shape
- + High-quality stainless steel wire prevents rusting of the workpiece

Shape		Type number	Dimension	Specification	PU
	52TDW	890757	40 x 10 x 15 - 6 x 30	E 0,2 mm INOX	25 Pcs.
		890758	40 x 10 x 15 - 6 x 30	E 0,3 mm INOX	25 Pcs.
		34038259	50 x 10 x 20 - 6 x 30	E 0,2 mm INOX	25 Pcs.
		903877	50 x 10 x 20 - 6 x 30	E 0,3 mm INOX	25 Pcs.
		890761	60 x 15 x 20 - 6 x 30	E 0,3 mm INOX	25 Pcs.
		890771	70 x 15 x 25 - 6 x 30	E 0,3 mm INOX	25 Pcs.



PREMIUM shaft mounted cup brushes

for nonferrous metals



Application


- + For removing rust, cleaning welding seams and for surface preparation and finishing of nonferrous metals

We recommend

- + Knotted wire DW for cleaning work such as removing paint, rust, scale and crusts or for deburring

Advantage

- + Universal tool with maximum brush life
- + Especially suitable for hard-to-reach places due to their shape
- + Brass wire achieves the best results on workpieces made of nonferrous metals

Shape		Type number	Dimension	Specification	PU
	52TDW	34043172	40 x 10 x 15 - 6 x 30	M 0,3 mm	25 Pcs.
		23470	50 x 10 x 20 - 6 x 30	M 0,3 mm	25 Pcs.
		23469	60 x 15 x 20 - 6 x 30	M 0,3 mm	25 Pcs.

Brushes - Tapered brushes



PREMIUM Shield tapered brushes

for steel



Application




- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of steel

We recommend

- + Knotted wire DW for soft materials, delicate surfaces and slight impurities
- + Twisted wire DZ for heavy work, severe contamination and for removing paint and lacquer

Advantage

- + Especially suitable for hard-to-reach places due to their shape and the flexibility of the plastic flaps
- + Transparent protection for maximum safety with an unrestricted view of the workpiece being ground
- + Brass-plated steel wire SM prevents corrosion

Shape	Type number	Dimension	Specification	PU	
 	28KDW	34023819	100 x 20 x M14-2	SM 0,3 mm	1 Pcs.
	28KDZ	34023817	100 x 20 x M14-2	S 0,5 mm	1 Pcs.



PREMIUM tapered brushes

for steel



Application




- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of steel

Advantage

- + Suitable for hard-to-reach places due to their shape
- + Universal tool with maximum brush life
- + Hardened steel wire SH for additional brush life

We recommend

- + Knotted wire DW for soft materials, delicate surfaces and slight impurities
- + Twisted wire DZ for heavy work, severe contamination and for removing paint and lacquer

Shape	Type number	Dimension	Specification	PU		
 	28KDW	829306	100 x 20 x M14	S 0,3 mm	1 Pcs.	
		28KDZR	894595	100 x 20 x M14	SH 0,5 mm	1 Pcs.
		894598	115 x 27,5 x M14	SH 0,5 mm	1 Pcs.	
		34042520	115 x 27,5 x M14	SH 0,35 mm	1 Pcs.	



BASIC tapered brushes

for steel



Application




- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of steel

Advantage

- + Suitable for hard-to-reach places due to their shape
- + Universal tool with good brush life
- + Hardened steel wire SH for additional brush life
- + Brass-plated steel wire SM prevents corrosion

We recommend

- + Knotted wire DW for soft materials, delicate surfaces and slight impurities
- + Twisted wire DZ for heavy work, severe contamination and for removing paint and lacquer

Shape	Type number	Dimension	Specification	PU	
 	28KDW	34276006	100 x 20 x M14	SM 0,3 mm	1 Pcs.
		34276007	115 x 27,5 x M14	SM 0,3 mm	1 Pcs.
	28KDZR	34276004	100 x 20 x M14	SH 0,5 mm	1 Pcs.
		34276005	115 x 27,5 x M14	SH 0,5 mm	1 Pcs.



PREMIUM Shield tapered brushes

for stainless steel



Application



- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of stainless steel

We recommend

- + Knotted wire DW for soft materials, delicate surfaces and slight impurities

Advantage

- + Especially suitable for hard-to-reach places due to their shape and the flexibility of the plastic flaps
- + Transparent protection for maximum safety with an unrestricted view of the surface being ground
- + High-quality stainless steel wire prevents rusting of the workpiece

Shape	Type number	Dimension	Specification	PU
 	28KDW	34023822	100 x 20 x M14-2	E 0,3 mm 1 Pcs.



PREMIUM tapered brushes

for stainless steel



Application




- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of stainless steel

We recommend

- + Knotted wire DW for soft materials, delicate surfaces and slight impurities
- + Twisted wire DZ for heavy work, severe contamination and for removing paint and lacquer

Advantage

- + Especially suitable for hard-to-reach places due to their shape
- + Universal tool with maximum brush life
- + High-quality stainless steel wire prevents rusting of the workpiece

Shape	Type number	Dimension	Specification	PU
 	28KDW	896260	100 x 20 x M14	E 0,3 mm 1 Pcs.
	28KDZR	894602	100 x 20 x M14	E 0,5 mm 1 Pcs.
		938646	115 x 27,5 x M14	E 0,5 mm 1 Pcs.
		938642	115 x 27,5 x M14	E 0,35 mm 1 Pcs.

Brushes - Round brushes

PREMIUM round brushes for steel



Application



- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of steel
- + Especially suitable for grinding welding seams

Advantage

- + Universal tool with maximum brush life
- + Hardened steel wire SH for additional brush life
- + Powerful tool

We recommend

- + Twisted wire DZ for heavy work, severe contamination and for removing paint and lacquer

Shape	Type number	Dimension	Specification	PU	
 	1RDZ	894085	115 x 11 x 23 x 22,2	SH 0,5 mm	1 Pcs.
		310303	115 x 11 x 23 x 22,2	SH 0,35 mm	1 Pcs.
		938680	115 x 11 x 23 x M14	SH 0,5 mm	1 Pcs.
		960324	115 x 11 x 23 x M14	SH 0,35 mm	1 Pcs.
		947205	125 x 12 x 25 x 22,2	SH 0,5 mm	1 Pcs.
		903406	125 x 12 x 25 x 22,2	SH 0,35 mm	1 Pcs.
		603818	125 x 12 x 25 x M14	SH 0,5 mm	1 Pcs.
		34042522	125 x 12 x 25 x M14	SH 0,35 mm	1 Pcs.
		829026	178 x 13 x 38 x 22,2	SH 0,5 mm	1 Pcs.

PREMIUM Pipeliner round brushes for steel




Application

- + Brushes specially developed for pipeline construction
- + For quick cleaning of steel pipe connections

Advantage

- + Ideal for cleaning individual welding seams in pipeline construction
- + Very reliable and durable tool
- + Hardened steel wire SH for additional brush life

Shape		Type number	Dimension	Specification	PU
	1RDZ	34313968	115 x 6 x 26 x 22,2	SH 0,5 mm	1 Pcs.
		34202827	125 x 6 x 21 x 22,2	SH 0,5 mm	1 Pcs.
		34371697	150 x 6 x 25 x 22,2	SH 0,5 mm	1 Pcs.
		34313969	178 x 6 x 29 x 22,2	SH 0,5 mm	1 Pcs.



PREMIUM Pipeliner Plus round brushes

for steel




Application

- + Brushes specially developed for pipeline construction
- + For quick cleaning of stainless steel pipe connections

Advantage

- + Ideal for cleaning individual welding seams in pipeline construction
- + Very reliable and durable tool
- + Hardened steel wire SH for additional brush life
- + Increased lifetime due to higher amount of knots

Shape	Type number	Dimension	Specification	PU	
	1RDZ	34447913	178 x 6 x 29 x 22,2	SH 0,5 mm	1 Pcs.



BASIC round brushes

for steel



Application



- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of steel
- + Especially suitable for grinding welding seams

Advantage

- + Extensive assortment
- + Highest quality
- + Universal tool with good brush life
- + Hardened steel wire SH for additional brush life

We recommend

- + Twisted wire DZ for preparing surfaces and for removing rust, scale and concrete residue

Shape		Type number	Dimension	Specification	PU
 	1RDZ	34275969	100 x 11 x 22 x 16	SH 0,5 mm	1 Pcs.
		34276001	115 x 11 x 23 x 22,2	SH 0,5 mm	1 Pcs.
		34276002	125 x 12 x 25 x 22,2	SH 0,5 mm	1 Pcs.
		34276003	178 x 15 x 44 x 22,2	SH 0,5 mm	1 Pcs.



PREMIUM round brushes

for stainless steel



Application



- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of stainless steel
- + Especially suitable for grinding welding seams

Advantage

- + Universal tool with maximum brush life
- + High-quality stainless steel wire prevents rusting of the workpiece
- + Powerful tool

We recommend

- + Twisted wire DZ for heavy work, severe contamination and for removing paint and lacquer

Shape		Type number	Dimension	Specification	PU
 	1RDZ	890608	115 x 11 x 23 x 22,2	E 0,5 mm	1 Pcs.
		310305	115 x 11 x 23 x 22,2	E 0,35 mm	1 Pcs.
		890626	115 x 11 x 23 x M14	E 0,5 mm	1 Pcs.
		16422	115 x 11 x 23 x M14	E 0,35 mm	1 Pcs.
		34042526	125 x 12 x 25 x 22,2	E 0,5 mm	1 Pcs.
		890635	125 x 12 x 25 x 22,2	E 0,35 mm	1 Pcs.
		34042527	125 x 12 x 25 x M14	E 0,5 mm	1 Pcs.
		34042528	125 x 12 x 25 x M14	E 0,35 mm	1 Pcs.
		16425	178 x 15 x 44 x M14	E 0,35 mm	1 Pcs.



PREMIUM Pipeliner round brushes

for stainless steel





Application

- + Brushes specially developed for pipeline construction
- + For quick cleaning of stainless steel pipe connections

Advantage

- + Ideal for cleaning individual welding seams in pipeline construction
- + Very reliable and durable tool
- + High-quality stainless steel wire prevents rusting of the workpiece

Shape		Type number	Dimension	Specification	PU
 	1RDZ	34370855	115 x 6 x 26 x 22,2	E 0,5 mm	1 Pcs.
		34202829	125 x 6 x 21 x 22,2	E 0,5 mm	1 Pcs.
		34371698	150 x 6 x 25 x 22,2	E 0,5 mm	1 Pcs.
		34370856	178 x 6 x 29 x 22,2	E 0,5 mm	1 Pcs.



PREMIUM Pipeliner Plus round brushes

for stainless steel





Application

- + Brushes specially developed for pipeline construction
- + For quick cleaning of stainless steel pipe connections

Advantage

- + Ideal for cleaning individual welding seams in pipeline construction
- + Very reliable and durable tool
- + Increased lifetime due to higher amount of knots

Shape	Type number	Dimension	Specification	PU
 	1RDZ	34546056	178 x 6 x 29 x 22,2	E 0,5 mm 1 Pcs.



PREMIUM shaft mounted round brushes

for steel



Application




- + For removing rust, cleaning welding seams and for surface preparation and finishing

Advantage

- + Particularly suitable for hard-to-reach places
- + Universal tool with maximum brush life
- + Hardened steel wire SH for additional brush life

We recommend

- + Knotted wire DW for removing rust, cleaning, smoothing, polishing, matting and roughening
- + Twisted wire DZ for welding and for removing scale and lacquer

Shape	Type number	Dimension	Specification	PU
 	52RDW	890840	20 x 4 x 3 - 6 x 30	S 0,2 mm 25 Pcs.
		890841	30 x 6 x 6,5 - 6 x 30	S 0,2 mm 25 Pcs.
		890843	40 x 9 x 9 - 6 x 30	S 0,3 mm 25 Pcs.
		890844	50 x 15 x 12,5 - 6 x 30	S 0,2 mm 25 Pcs.
		890845	50 x 15 x 12,5 - 6 x 30	S 0,3 mm 25 Pcs.
		890846	60 x 10 x 17,5 - 6 x 30	S 0,3 mm 25 Pcs.
		890847	60 x 15 x 17,5 - 6 x 30	S 0,2 mm 25 Pcs.
		890848	70 x 15 x 19 - 6 x 30	S 0,3 mm 25 Pcs.
		890849	80 x 15 x 19 - 6 x 30	S 0,3 mm 25 Pcs.
	52RDZ	890810	70 x 6 x 15 - 6 x 30	SH 0,3 mm 25 Pcs.



BASIC shaft mounted round brushes

For steel






Application

- + For removing rust, cleaning welding seams and for surface preparation and finishing

Advantage

- + Good price-performance ratio
- + Reduced working effort
- + Powerful tool

Shape		Type number	Dimension	Specification	PU	
		52RDW	34541544	50 x 8 x 10,5 - 6 x 30	SM 0,3 mm	1 Pcs.
			34276008	70 x 15 x 19 - 6 x 30	S 0,3 mm	1 Pcs.
			34276011	70 x 15 x 19 - 6 x 30	SM 0,3 mm	1 Pcs.
			34541609	100 x 12 x 23 - 6 x 30	SM 0,3 mm	1 Pcs.
		52RDZ	34276016	70 x 6 x 15 - 6 x 30	SH 0,3 mm	1 Pcs.
						



PREMIUM shaft mounted round brushes

for stainless steel



Application


- + For removing rust, cleaning welding seams and for surface preparation and finishing of stainless steel


Advantage

- + Suitable for hard-to-reach places due to their shape
- + Universal tool with maximum brush life
- + Stainless, acid-resistant steel wire EA

We recommend

- + Knotted wire DW for removing rust, cleaning, smoothing, polishing, matting and roughening
- + Twisted wire DZ for welding and for removing scale and lacquer

Shape		Type number	Dimension	Specification	PU
	52RDW	890813	30 x 6 x 6,5 - 6 x 30	E 0,2 mm INOX	25 Pcs.
		890814	40 x 9 x 9 - 6 x 30	E 0,2 mm INOX	25 Pcs.
		890815	40 x 9 x 9 - 6 x 30	E 0,3 mm INOX	25 Pcs.
		890819	50 x 10 x 12,5 - 6 x 30	E 0,3 mm INOX	25 Pcs.
		890820	50 x 15 x 12,5 - 6 x 30	E 0,2 mm INOX	25 Pcs.
		890821	50 x 15 x 12,5 - 6 x 30	E 0,3 mm INOX	25 Pcs.
		917186	50 x 15 x 12,5 - 6 x 30	EA 0,3 mm INOX	25 Pcs.
		890822	60 x 10 x 17,5 - 6 x 30	E 0,2 mm INOX	25 Pcs.
		890823	60 x 10 x 17,5 - 6 x 30	E 0,3 mm INOX	25 Pcs.
		890828	60 x 15 x 17,5 - 6 x 30	E 0,3 mm INOX	25 Pcs.
		895521	70 x 15 x 19 - 6 x 30	E 0,2 mm INOX	25 Pcs.
		890831	70 x 15 x 19 - 6 x 30	E 0,3 mm INOX	25 Pcs.
		917189	70 x 15 x 19 - 6 x 30	EA 0,3 mm INOX	25 Pcs.
		890832	80 x 10 x 19 - 6 x 30	E 0,3 mm INOX	25 Pcs.
		890835	80 x 15 x 19 - 6 x 30	E 0,3 mm INOX	25 Pcs.

Shape	Type number	Dimension	Specification	PU	
	52RDZ	890811	70 x 6 x 15 - 6 x 30	E 0,35 mm INOX	25 Pcs.



BASIC shaft mounted round brushes

for stainless steel



Application


- + For removing rust, cleaning welding seams and for surface preparation and finishing of stainless steel

Advantage

- + Especially suitable for hard-to-reach places due to their shape
- + Universal tool with good brush life
- + Powerful tool

We recommend

- + Knotted wire DW for removing rust, cleaning, smoothing, polishing, matting and roughening

Shape	Type number	Dimension	Specification	PU	
	52RDW	34276014	70 x 15 x 19 - 6 x 30	E 0,3 mm INOX	1 Pcs.



PREMIUM shaft mounted round brushes

for nonferrous metals



Application



- + For removing rust, cleaning welding seams and for surface preparation and finishing of nonferrous metals

Advantage

- + Suitable for hard-to-reach places due to their shape
- + Universal tool with maximum brush life
- + Brass wire achieves the best results on workpieces made of nonferrous metals

We recommend

- + Knotted wire DW for removing rust, cleaning, smoothing, polishing, matting and roughening

Shape		Type number	Dimension	Specification	PU
 	52RDW	23472	40 x 9 x 9 - 6 x 30	M 0,3 mm	25 Pcs.
		23473	50 x 10 x 12,5 - 6 x 30	M 0,3 mm	25 Pcs.
		23474	60 x 10 x 17,5 - 6 x 30	M 0,3 mm	25 Pcs.
		903339	70 x 15 x 19 - 6 x 30	M 0,3 mm	25 Pcs.



PREMIUM shaft mounted round brushes

for universal use



Application



- + For use on almost all materials such as steel, stainless steel, aluminium, copper, brass or wood

We recommend

- + Wire with grain DK for deburring gears, valve parts, cutting edges of profiles and tubes

Advantage

- + Especially suitable for hard-to-reach places due to their shape
- + Universal tool with maximum brush life
- + Shaft mounted round brushes with silicon carbide are very hard and thus enable maximum stock removal rates

Shape		Type number	Dimension	Specification	PU
 	52RDK	34043572	50 x 20 x 12,5 - 6 x 30	C180 0,9 mm	25 Pcs.
		908264	70 x 20 x 19 - 6 x 30	C180 0,9 mm	25 Pcs.



BASIC shaft mounted round brushes

for universal use



Application



- + For use on almost all materials such as steel, stainless steel, aluminium, copper, brass or wood

We recommend

- + Wire with grain DK for deburring gears, valve parts, cutting edges of profiles and tubes

Advantage

- + Especially suitable for hard-to-reach places due to their shape
- + Universal tool
- + Shaft mounted round brushes with silicon carbide are very hard and thus enable maximum stock removal rates

Shape		Type number	Dimension	Specification	PU
 	52RDK	34541610	75 x 10 x 15 - 6 x 30	C80 1 mm	1 Pcs.
		34541627	75 x 10 x 15 - 6 x 30	C180 0,9 mm	1 Pcs.
		34541629	100 x 10 x 23 - 6 x 30	C80 1 mm	1 Pcs.
		34541630	100 x 10 x 23 - 6 x 30	C180 0,9 mm	1 Pcs.



PREMIUM round brushes

for steel



Application



- + For removing rust, paint and lacquer, for deburring and for surface preparation and finishing of steel

Advantage

- + Universal tool with maximum brush life
- + Versatile tool
- + Highest quality

We recommend

- + Knotted wire DW for slight impurities and for finishing

Shape	Type number	Dimension	Specification	PU	
 	1RDW	896111	125 x 24 x 36 x 20	S 0,3 mm	1 Pcs.
		896238	125 x 24 x 36 x 20	S 0,5 mm	1 Pcs.
		896115	150 x 18 x 27 x 32	S 0,3 mm	1 Pcs.
		896239	150 x 18 x 27 x 32	S 0,5 mm	1 Pcs.
		896241	180 x 22 x 42 x 32	S 0,3 mm	1 Pcs.
		896243	180 x 22 x 42 x 32	S 0,5 mm	1 Pcs.
		894770	200 x 26 x 40 x 32	S 0,3 mm	1 Pcs.
		896244	200 x 26 x 40 x 32	S 0,5 mm	1 Pcs.
		896246	250 x 38 x 50 x 32	S 0,3 mm	1 Pcs.
		896247	250 x 38 x 50 x 32	S 0,5 mm	1 Pcs.
		920436	250 x 42 x 50 x 100	S 0,3 mm	1 Pcs.



PREMIUM round brushes

for universal use



Application



- + For use on almost all materials such as steel, stainless steel, aluminium, copper, brass or wood

Advantage

- + Universal tool with maximum brush life
- + Round brushes with silicon carbide are very hard and thus enable maximum stock removal rates
- + Highest quality

We recommend

- + Round brushes with silicon carbide for deburring work on various workpieces made of practically any material such as steel, aluminium, stainless steel, copper or brass
- + Round brushes with aluminium oxide for light deburring and for texturing wood

Shape		Type number	Dimension	Specification	PU
 	1RDK	34043577	125 x 13 x 22 x 20	C 320 0,55 mm	1 Pcs.
		34043578	150 x 13 x 34 x 32	C 320 0,55 mm	1 Pcs.
		916720	150 x 15 x 29 x 40	C 320 0,55 mm	1 Pcs.
		227435	200 x 13 x 43 x 50,8	C 320 0,55 mm	1 Pcs.

Brushes - Wire end brushes



PREMIUM end brushes

for steel



Application




- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of steel
- + Specifically for cleaning the inside of tubes

We recommend

- + Knotted wire DW for soft materials, delicate surfaces and slight impurities
- + Twisted wire DZ for heavy work, severe contamination and for removing paint and lacquer

Advantage

- + Especially suitable for hard-to-reach places due to their shape
- + Universal tool with maximum brush life
- + Wire type DZ splays as a function of speed and thus can be used on different bore diameters
- + Hardened and tough steel wire SZ for additional brush life and robustness

Shape	Type number	Dimension	Specification	PU	
 	52PDW	903431	12 x 20 - 6 x 60	S 0,2 mm	25 Pcs.
		890719	12 x 20 - 6 x 60	S 0,3 mm	25 Pcs.
		903432	12 x 20 - 6 x 60	S 0,5 mm	25 Pcs.
		34043179	17 x 22 - 6 x 65	S 0,2 mm	25 Pcs.
		890721	17 x 22 - 6 x 65	S 0,3 mm	25 Pcs.
		52679	17 x 22 - 6 x 65	S 0,5 mm	25 Pcs.
		903429	24 x 25 - 6 x 68	S 0,2 mm	25 Pcs.
		903430	24 x 25 - 6 x 68	S 0,3 mm	25 Pcs.
		890722	24 x 25 - 6 x 68	S 0,5 mm	25 Pcs.
		58293	30 x 25 - 6 x 68	S 0,2 mm	25 Pcs.
		19012	30 x 25 - 6 x 68	S 0,3 mm	25 Pcs.
		890723	30 x 25 - 6 x 68	S 0,5 mm	25 Pcs.
	52PDZ	903357	19 x 28 - 6 x 68	SZ 0,35 mm	25 Pcs.
		34043542	22 x 28 - 6 x 68	SZ 0,25 mm	25 Pcs.
		34043543	22 x 28 - 6 x 68	SZ 0,35 mm	25 Pcs.
		936422	28 x 28 - 6 x 68	SZ 0,5 mm	25 Pcs.
		939968	28 x 28 - 6 x 68	SZ 0,25 mm	25 Pcs.
		34043545	28 x 28 - 6 x 68	SZ 0,35 mm	25 Pcs.



BASIC end brushes

for steel



Application



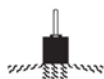
- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of steel
- + Specifically for cleaning the inside of tubes

We recommend

- + Knotted wire DW for removing burrs, rust, rubber and other impurities in hard-to-reach places
- + Twisted wire DZ for preparing surfaces and for removing rust, scale and concrete residue

Advantage

- + Especially suitable for hard-to-reach places due to their shape
- + Universal tool with good brush life
- + Wire type DZ plays as a function of speed and thus can be used on different bore diameters
- + Hardened and tough steel wire SZ for additional brush life and robustness
- + Brass-plated steel wire SM prevents corrosion

Shape		Type number	Dimension	Specification	PU	
		52PDW	34276009	24 x 25 - 6 x 68	S 0,3 mm	1 Pcs.
			34276012	24 x 25 - 6 x 68	SM 0,3 mm	1 Pcs.
		52PDZ	34276015	28 x 28 - 6 x 68	SZ 0,25 mm	1 Pcs.



PREMIUM end brushes

for stainless steel



Application




- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of stainless steel
- + Specifically for cleaning the inside of tubes

We recommend

- + Knotted wire DW for soft materials, delicate surfaces and slight impurities
- + Twisted wire DZ for heavy work, severe contamination and for removing paint and lacquer

Advantage

- + Especially suitable for hard-to-reach places due to their shape
- + Universal tool with maximum brush life
- + Wire type DZ splays as a function of speed and thus can be used on different bore diameters
- + High-quality stainless steel wire prevents rusting of the workpiece

Shape		Type number	Dimension	Specification	PU	
		52PDW	897357	12 x 20 - 6 x 60	E 0,3 mm INOX	25 Pcs.
			890707	17 x 22 - 6 x 65	E 0,3 mm INOX	25 Pcs.
			890709	24 x 25 - 6 x 68	E 0,3 mm INOX	25 Pcs.
			903340	30 x 25 - 6 x 68	E 0,3 mm INOX	25 Pcs.
		52PDZ	890652	19 x 28 - 6 x 68	E 0,25 mm INOX	25 Pcs.
			890654	19 x 28 - 6 x 68	E 0,35 mm INOX	25 Pcs.
			890653	22 x 28 - 6 x 68	E 0,25 mm INOX	25 Pcs.



PREMIUM end brushes

for nonferrous metals



Application



- + For removing rust, paint and lacquer, for cleaning welding seams and for surface preparation and finishing of nonferrous metal
- + Specifically for cleaning the inside of tubes

We recommend

- + Knotted wire DW for soft materials, delicate surfaces and slight impurities

Advantage

- + Especially suitable for hard-to-reach places due to their shape
- + Universal tool with maximum brush life
- + The brush plays as a function of speed and thus can be used on different bore diameters
- + Brass wire achieves the best results on workpieces made of nonferrous metal

Shape		Type number	Dimension	Specification	PU
 	52PDW	903350	17 x 22 - 6 x 65	M 0,3 mm	25 Pcs.
		890717	24 x 25 - 6 x 68	M 0,3 mm	25 Pcs.



PREMIUM end brushes

for universal use



Application



- + For use on almost all materials such as steel, stainless steel, aluminium, copper, brass or wood
- + Specifically for cleaning the inside of tubes

We recommend

- + Wire with grain DK for deburring gears, valve parts, cutting edges of profiles and tubes

Advantage

- + Especially suitable for use in hard-to-reach places
- + Universal tool with maximum brush life
- + Wire brushes with silicon carbide are very hard and thus enable very high stock removal rates

Shape	Type number	Dimension	Specification	PU	
 	52PDK	34043547	17 x 22 - 6 x 65	C180 0,9 mm	25 Pcs.
		34043549	24 x 25 - 6 x 68	C180 0,9 mm	25 Pcs.
		34043552	30 x 25 - 6 x 68	C180 0,9 mm	25 Pcs.



BASIC end brushes
for universal use



Application

- + For use on almost all materials such as steel, stainless steel, aluminium, copper, brass or wood
- + Specifically for cleaning the inside of tubes

We recommend

- + Wire with grain DK for deburring gears, valve parts, cutting edges of profiles and tubes

Advantage

- + Especially suitable for use in hard-to-reach places
- + Universal tool with maximum brush life
- + Wire brushes with silicon carbide are very hard and thus enable very high stock removal rates

Shape		Type number	Dimension	Specification	PU
		52PDK 34541541	22 x 28 - 6 x 68	C80 1 mm	1 Pcs.

Brushes - Hand-guided brushes



PREMIUM universal hand brushes

for steel




Application

- + For grinding steel
- + Ideal for deburring, cleaning welding seams and cleaning surfaces

Advantage

- + Universal tool
- + Equipped with high-quality beech wood handle
- + Highest quality

Shape	Type number	Dimension	Specification	PU	
	90HDG	895498	290 x 22 x 25	S 0,35 mm	12 Pcs.
		895576	290 x 28 x 25	S 0,35 mm	12 Pcs.
		895577	290 x 32 x 25	S 0,35 mm	12 Pcs.
		895578	290 x 38 x 25	S 0,35 mm	12 Pcs.
		199657	290 x 42 x 25	S 0,35 mm	12 Pcs.



PREMIUM hand-operated wire brushes with scraper

for steel




Application

- + For grinding steel
- + Ideal for deburring, cleaning welding seams and cleaning surfaces

Advantage

- + Integrated scraper: use on construction sites, especially for removing cement spatter
- + Ideal for brushing and scraping off heavy impurities
- + Equipped with high-quality beech wood handle

Shape	Type number	Dimension	Specification	PU	
	90HSDG	34203491	290 x 32 x 140	S 0,35 mm	12 Pcs.



PREMIUM fillet weld brushes

for steel




Application

- + For grinding steel
- + Especially suitable for cleaning fillet welds

Advantage

- + Removes slag and scale from very hard-to-reach places thanks to the V-shaped filaments
- + Robust construction for heavy work
- + Equipped with high-quality beech wood handle

Shape	Type number	Dimension	Specification	PU	
	90HKDG	199682	290 x 35 x 135	S 0,35 mm	12 Pcs.



PREMIUM file brushes

for steel




Application

- + For cleaning metal and wood files

Advantage

- + The wire filaments are firmly adhered to the robust wooden body and are able to cope with challenging requirements
- + Gentle and thorough cleaning of files
- + Equipped with high-quality beech wood handle

Shape	Type number	Dimension	Specification	PU	
	90FDG	899851	210 x 25 x 100	S 0,3 mm	12 Pcs.



PREMIUM all-purpose brushes

for steel





Application

- + For fine work on steel
- + Ideal for grinding the contact points of spark plugs

Advantage

- + With ergonomic plastic handle for comfortable handling
- + Thin wire for gentle brushing

Shape	Type number	Dimension	Specification	PU	
 	90SDW	896223	260 x 10 x 28	S 0,35 mm	24 Pcs.



PREMIUM spark brushes

for steel





Application

- + For fine work on steel
- + Ideal for grinding the contact points of spark plugs

Advantage

- + Equipped with high-quality beech wood handle
- + Thin wire for gentle brushing

Shape	Type number	Dimension	Specification	PU
	90ZK	903435	145 x 18 x 35	S 0,15 mm
				12 Pcs.



PREMIUM brake caliper brushes

for steel





Application

- + For grinding steel
- + Especially suitable for removing brake dust

Advantage

- + Handy brush thanks to two-component handle
- + Despite its narrow filaments, it is an extremely powerful cleaning tool
- + Highest quality

Shape	Type number	Dimension	Specification	PU
	90HBSDG	34203494	225 x 12 x 90	S 0,35 mm
				10 Pcs.



PREMIUM cylindrical tube brushes

for steel





Application

- + For grinding steel
- + For hard-to-reach places
- + Especially suitable for cleaning the inside of bore holes and tubes

Advantage

- + Adapts perfectly to the workpiece surface due to its flexibility
- + Twisted-in galvanised wire and simple filament spiral for easy handling
- + Special use

Shape	Type number	Dimension	Specification	PU
	18ROODW	34203520	8 - 300	S 0,1 mm
		34203522	10 - 300	S 0,15 mm
		34203524	15 - 300	S 0,15 mm
		34203527	20 - 300	S 0,15 mm
				10 Pcs.



PREMIUM universal hand brushes

for stainless steel





Application

- + For grinding stainless steel
- + Ideal for deburring, cleaning welding seams and cleaning surfaces

Advantage

- + Universal tool with maximum brush life
- + Equipped with high-quality beech wood handle
- + High-quality stainless steel wire prevents rusting of the workpiece

Shape	Type number	Dimension	Specification	PU	
 	90HDG	895579	290 x 22 x 25	E 0,35 mm	12 Pcs.
		895580	290 x 28 x 25	E 0,35 mm	12 Pcs.
		896207	290 x 32 x 25	E 0,35 mm	12 Pcs.
		896209	290 x 38 x 25	E 0,35 mm	12 Pcs.



PREMIUM fillet weld brushes

for stainless steel




Application

- + For grinding stainless steel
- + Especially suitable for cleaning fillet welds

Advantage

- + Removes slag and scale from very hard-to-reach places thanks to the V-shaped filaments
- + Robust construction for heavy work
- + Equipped with high-quality beech wood handle
- + High-quality stainless steel wire prevents rusting of the workpiece

Shape	Type number	Dimension	Specification	PU	
	90HKDG	199689	290 x 35 x 135	E 0,35 mm	12 Pcs.



PREMIUM all-purpose wire brushes

for stainless steel





Application

- + For removing rust, paint and lacquer, for deburring and for surface preparation and finishing of stainless steel

Advantage

- + With ergonomic plastic handle for comfortable handling
- + Universal tool with maximum brush life
- + Highest quality

Shape	Type number	Dimension	Specification	PU	
 	90SDW	896224	260 x 10 x 28	E 0,3 mm	12 Pcs.



PREMIUM brake caliper brushes

for stainless steel




Application

- + For grinding stainless steel
- + Especially suitable for removing brake dust

Advantage

- + Handy brush thanks to two-component handle
- + Despite its narrow filaments, it is an extremely powerful cleaning tool
- + Highest quality

Shape	Type number	Dimension	Specification	PU	
	90HBSDG	34203496	225 x 12 x 90	E 0,35 mm	10 Pcs.



PREMIUM universal hand brushes

for nonferrous metals





Application

- + For grinding nonferrous metals
- + Ideal for deburring, cleaning welding seams and cleaning surfaces

Advantage

- + Equipped with high-quality beech wood handle
- + Brass wire achieves the best results on workpieces made of nonferrous metals
- + Highest quality

Shape		Type number	Dimension	Specification	PU
 	90HDW	895581	290 x 28 x 25	M 0,35 mm	12 Pcs.
		896219	290 x 32 x 25	M 0,35 mm	12 Pcs.
		896220	290 x 38 x 25	M 0,35 mm	12 Pcs.



PREMIUM all-purpose wire brushes

for nonferrous metals





Application

- + For removing rust, paint and lacquer, for deburring and for surface preparation and finishing of nonferrous metals

Advantage

- + With ergonomic plastic handle for comfortable handling
- + Brass wire achieves the best results on workpieces made of nonferrous metals
- + Highest quality

Shape	Type number	Dimension	Specification	PU	
 	90SDW	199678	260 x 10 x 28	M 0,3 mm	24 Pcs.

Brushes - Radial bristle brushes



PREMIUM SUNBURST
bristle Quick-Change
brushes
 for universal use



Application


- + For finishing and polishing applications as well as removing lacquer, paint and rust
- + Ideal for hard-to-reach places
- + For the use on mini angle grinders

Advantage

- + Perfectly adapts to the structure of the workpiece
- + Removes thin layers from most surfaces without damaging the underlying surface
- + Minimal dust and heat generation

We recommend

- + “Ultra Coarse” and “Extra Coarse” for removing rust and paint
- + “Medium” for gentle cleaning and final finish

Shape	Type number	Dimension	Specification	Grain	PU	
	QDISC RA	34570182	51 x 19 x R	ULTRA-COARSE	36	10 Pcs.
		34570183	51 x 19 x R	EXTRA-COARSE	50	10 Pcs.
		34570184	51 x 19 x R	COARSE	80	10 Pcs.
		34570185	51 x 19 x R	MEDIUM	120	10 Pcs.
		34570186	76 x 19 x R	ULTRA-COARSE	36	10 Pcs.
		34570187	76 x 19 x R	EXTRA-COARSE	50	10 Pcs.
		34570188	76 x 19 x R	COARSE	80	10 Pcs.
		34570189	76 x 19 x R	MEDIUM	120	10 Pcs.



PREMIUM SUNBURST bristle brushes (for angle grinder) for universal use



Application


- + For finishing and polishing applications and for removing lacquer, paint and rust
- + For the use on angle grinders

We recommend

- + "Ultra Coarse" and "Extra Coarse" for removing rust and paint
- + "Coarse" and "Medium" for gentle cleaning and final finish

Advantage

- + Perfectly adapts to the structure of the workpiece
- + Removal of thin layers from most surfaces without damaging the underlying surface
- + Minimal dust and heat generation

Shape	Type number	Dimension	Specification	Grain	PU	
	28RA	34570190	115 x 38 - M14	ULTRA-COARSE	36	5 Pcs.
		34570191	115 x 38 - M14	EXTRA-COARSE	50	5 Pcs.
		34570192	115 x 38 - M14	COARSE	80	5 Pcs.
		34570193	115 x 38 - M14	MEDIUM	120	5 Pcs.



PREMIUM SUNBURST radial bristle brushes (shaft mounted) for universal use



Application


- + For light deburring, cleaning, finishing and polishing applications
- + For use on straight grinders

We recommend

- + Operating speed of approx. 6.000 - 10.000 RPM for perfect finish
- + Maximum brush life by using the tips of the bristle with light pressure

Advantage

- + Thin, flexible bristles enable a fast and constant finish
- + Maximum lifetime
- + Removal of thin layers from surfaces with minimal dust and heat

Shape		Type number	Dimension	Specification	Grain	PU
	52RA	34570059	51 x 6,4 - 6 x 40	COARSE	80	1 Pcs.
		34570060	51 x 6,4 - 6 x 40	MEDIUM	120	1 Pcs.
		34570081	51 x 6,4 - 6 x 40	STANDARD	220	1 Pcs.
		34570084	76 x 6,4 - 6 x 40	COARSE	80	1 Pcs.
		34570085	76 x 6,4 - 6 x 40	MEDIUM	120	1 Pcs.
		34570086	76 x 6,4 - 6 x 40	STANDARD	220	1 Pcs.



PREMIUM SUNBURST **radial bristle discs (for** **shaft mounting)** for universal use



Application




- + For light deburring, cleaning, finishing and polishing applications
- + For use on straight grinders

We recommend

- + Operating speed of approx. 1.500 - 18.000 RPM for perfect finish
- + Maximum brush life by using the tips of the bristle with light pressure

Advantage

- + Thin, flexible bristles enable a fast and constant finish
- + Maximum lifetime
- + Removal of thin layers from surfaces with minimal dust and heat

Shape		Type number	Dimension	Specification	Grain	PU	
		DISC RA TA	34570109	76 x 1,1 x 9,53	EXTRA-COARSE	50	10 Pcs.
		34570110	76 x 1,1 x 9,53	COARSE	80	10 Pcs.	
		34570111	76 x 1,1 x 9,53	MEDIUM	120	10 Pcs.	
		DISC RA TC	34570101	51 x 1,1 x 9,53	ULTRA-COARSE	36	12 Pcs.
		34570102	51 x 1,1 x 9,53	EXTRA-COARSE	50	12 Pcs.	
		34570103	51 x 1,1 x 9,53	COARSE	80	12 Pcs.	
		34570104	51 x 1,1 x 9,53	MEDIUM	120	12 Pcs.	
		34570105	51 x 1,1 x 9,53	STANDARD	220	12 Pcs.	
		34570106	51 x 1,1 x 9,53	FINE	400	12 Pcs.	
		34570107	51 x 1,1 x 9,53	EXTRA-FINE	800	12 Pcs.	
		34570108	51 x 1,1 x 9,53	ULTRA-FINE	2000	12 Pcs.	
		34570113	76 x 1,1 x 9,53	EXTRA-COARSE	50	12 Pcs.	
		34570114	76 x 1,1 x 9,53	COARSE	80	12 Pcs.	
		34570115	76 x 1,1 x 9,53	MEDIUM	120	12 Pcs.	
		34570116	76 x 1,1 x 9,53	STANDARD	220	12 Pcs.	
		34570117	76 x 1,1 x 9,53	FINE	400	12 Pcs.	
		34570118	76 x 1,1 x 9,53	EXTRA-FINE	800	12 Pcs.	
		34570119	76 x 1,1 x 9,53	ULTRA-FINE	2000	12 Pcs.	



PREMIUM SUNBURST radial bristle brushes (with flanges / adapter) for universal use



Application

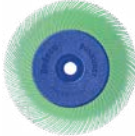



- + For light deburring, cleaning, finishing and polishing applications
- + For use on bench grinders

Advantage

- + Thin, flexible bristles enable a fast and constant finish
- + Removal of thin layers from surfaces with minimal dust and heat

We recommend

- + Operating speed of approx. 800 - 4.000 RPM for perfect finish
- + Maximum brush life by using the tips of the bristle with light pressure

Shape		Type number	Dimension	Specification	Grain	PU	
		DISC RA TA	34570121	152 x 12,7 x 25,4 x A1	ULTRA-COARSE	36	1 Pcs.
			34570122	152 x 12,7 x 25,4 x A1	EXTRA-COARSE	50	1 Pcs.
			34570123	152 x 12,7 x 25,4 x A1	COARSE	80	1 Pcs.
		DISC RA TC	34570124	152 x 12,7 x 25,4 x A1	ULTRA-COARSE	36	1 Pcs.
			34570125	152 x 12,7 x 25,4 x A1	EXTRA-COARSE	50	1 Pcs.
			34570126	152 x 12,7 x 25,4 x A1	COARSE	80	1 Pcs.
			34570127	152 x 12,7 x 25,4 x A1	MEDIUM	120	1 Pcs.
			34570128	152 x 12,7 x 25,4 x A1	STANDARD	220	1 Pcs.
			34570129	152 x 12,7 x 25,4 x A1	FINE	400	1 Pcs.
			34570130	152 x 12,7 x 25,4 x A1	EXTRA-FINE	800	1 Pcs.
			34570131	152 x 12,7 x 25,4 x A1	ULTRA-FINE	2000	1 Pcs.
			34570132	194 x 25,4 x 31,75 x A3	COARSE	80	1 Pcs.
			34570133	194 x 25,4 x 31,75 x A3	MEDIUM	120	1 Pcs.
			34570134	194 x 25,4 x 31,75 x A3	STANDARD	220	1 Pcs.
			34570135	194 x 25,4 x 31,75 x A3	FINE	400	1 Pcs.
		DISC RA TS	34570136	203 x 25,4 x 31,75 x A3	ULTRA-COARSE	36	1 Pcs.
			34570137	203 x 25,4 x 31,75 x A3	EXTRA-COARSE	50	1 Pcs.
			34570138	203 x 25,4 x 31,75 x A3	COARSE	80	1 Pcs.
			34570139	203 x 25,4 x 31,75 x A3	MEDIUM	120	1 Pcs.



PREMIUM shaft

for SUNBURST radial bristle discs




Application

- + Shaft specially designed for radial bristle discs with a diameter of 16-22 mm, 25,4 mm, 51-76 mm

We recommend

- + 34627063: 16 - 22 mm DISC RA
- + 34627179: 25,4 mm DISC RA
- + 34570120: 51-76 mm DISC RA

Shape	Type number	Dimension	PU
	PADRA	34627063	1,6
		34627179	3,18
		34570120	9,53




PREMIUM Flanges

for SUNBURST radial bristle replacement discs



Application

- + Flanges specially designed for radial bristle replacement discs

Shape	Type number	Dimension	PU
	PADRA	34570174	152 x 25,4
		34570175	203 x 31,75



PREMIUM SUNBURST **radial bristle brushes** **(replacement discs)** for universal use



Application

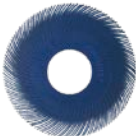


- + For light deburring, cleaning, finishing and polishing applications
- + For use on bench grinders

Advantage

- + Thin, flexible bristles enable a fast and constant finish
- + Removal of thin layers from surfaces with minimal dust and heat

We recommend

- + Operating speed of approx. 800 - 4.000 RPM for perfect finish
- + Maximum lifetime by using the tips of the bristle with light pressure

Shape		Type number	Dimension	Specification	Grain	PU
 	DISC RA TA	34570148	152 x 1,6 x 50,8	ULTRA-COARSE	36	40 Pcs.
		34570149	152 x 1,6 x 50,8	EXTRA-COARSE	50	40 Pcs.
		34570150	152 x 1,6 x 50,8	COARSE	80	40 Pcs.
		34570151	152 x 1,6 x 50,8	ULTRA-COARSE	36	40 Pcs.
		34570152	152 x 1,6 x 50,8	EXTRA-COARSE	50	40 Pcs.
		34570153	152 x 1,6 x 50,8	COARSE	80	40 Pcs.
		34570154	152 x 1,6 x 50,8	MEDIUM	120	40 Pcs.
		34570155	152 x 1,6 x 50,8	STANDARD	220	40 Pcs.
		34570156	152 x 1,6 x 50,8	FINE	400	40 Pcs.
	DISC RA TS	34570157	194 x 1,8 x 88,9	COARSE	80	70 Pcs.
		34570158	194 x 1,8 x 88,9	MEDIUM	120	70 Pcs.
		34570159	194 x 1,8 x 88,9	STANDARD	220	70 Pcs.
		34570160	203 x 1,8 x 88,9	ULTRA-COARSE	36	70 Pcs.
		34570161	203 x 1,8 x 88,9	EXTRA-COARSE	50	70 Pcs.
		34570162	203 x 1,8 x 88,9	COARSE	80	70 Pcs.
		34570163	203 x 1,8 x 88,9	MEDIUM	120	70 Pcs.
		34570164	203 x 1,8 x 88,9	STANDARD	220	70 Pcs.
		34570165	203 x 1,8 x 88,9	FINE	400	70 Pcs.

Coated Abrasives - Flap discs



CERABOND X flap discs

for steel and stainless steel



Application




- + For demanding grinding applications on different steel and stainless steel grades
- + Best suited for surface grinding, edge grinding and removing welding seams.

We recommend

- + Grit size 40/60 for high stock removal
- + Grit size 80 for fine work
- + Best results when used on powerful angle grinders

Advantage

- + Highest stock removal rate
- + Extraordinarily long lifetime
- + 100% use of the disc
- + Form 28N: Focus on sustainable resources – the backing of this flap disc consists of 35% regenerated materials

Shape	Type number	Dimension	Specification	PU	
	27A 	34576529	115 x 22,23	CA40+Q-B	5 Pcs.
		34576530	115 x 22,23	CA60+Q-B	5 Pcs.
		34576551	115 x 22,23	CA 80 Q- B	5 Pcs.
		34577061	125 x 22,23	CA40+Q-B	5 Pcs.
		34577063	125 x 22,23	CA60+Q-B	5 Pcs.
		34577064	125 x 22,23	CA 80 Q- B	5 Pcs.
		34577069	150 x 22,23	CA40+Q-B	5 Pcs.
		34577070	150 x 22,23	CA60+Q-B	5 Pcs.
		34577071	150 x 22,23	CA 80 Q- B	5 Pcs.
		34577077	178 x 22,23	CA40+Q-B	5 Pcs.
		34577078	178 x 22,23	CA60+Q-B	5 Pcs.
		34577079	178 x 22,23	CA 80 Q- B	5 Pcs.
	28N	34577423	115 x 22,23	CA40+Q-B	5 Pcs.
		34577424	115 x 22,23	CA60+Q-B	5 Pcs.
		34577425	115 x 22,23	CA 80 Q- B	5 Pcs.
		34577427	125 x 22,23	CA40+Q-B	5 Pcs.
		34577428	125 x 22,23	CA60+Q-B	5 Pcs.
		34577429	125 x 22,23	CA 80 Q- B	5 Pcs.
		34577430	150 x 22,23	CA40+Q-B	5 Pcs.
		34577431	150 x 22,23	CA60+Q-B	5 Pcs.
		34577432	150 x 22,23	CA 80 Q- B	5 Pcs.
		34577433	178 x 22,23	CA40+Q-B	5 Pcs.
		34577434	178 x 22,23	CA60+Q-B	5 Pcs.
		34577435	178 x 22,23	CA 80 Q- B	5 Pcs.



PREMIUM TWINFLAP flap discs

for steel and stainless steel



Application


- + For demanding grinding applications on different stainless steel grades

We recommend

- + Grit size 40/60 for high stock removal
- + Best results when used on powerful angle grinders

Advantage

- + Double lamellar for maximum lifetime
- + Combination of ceramic grain and zirconium for highest aggressiveness
- + Form 28N: Focus on sustainable resources – the backing of this flap disc consists of 35% regenerated materials

Shape		Type number	Dimension	Specification	PU
	27A	34429823	115 x 22,23	ZACA 40 Q- B	10 Pcs.
		34429825	115 x 22,23	ZACA 60 Q- B	10 Pcs.
		34429827	125 x 22,23	ZACA 40 Q- B	10 Pcs.
		34429828	125 x 22,23	ZACA 60 Q- B	10 Pcs.
	28A	34429829	115 x 22,23	ZACA 40 Q- B	10 Pcs.
		34429830	115 x 22,23	ZACA 60 Q- B	10 Pcs.
		34429841	125 x 22,23	ZACA 40 Q- B	10 Pcs.
		34429842	125 x 22,23	ZACA 60 Q- B	10 Pcs.
	28N	34474190	115 x 22,23	ZACA 40 Q- B	10 Pcs.
		34474211	115 x 22,23	ZACA 60 Q- B	10 Pcs.
		34474212	125 x 22,23	ZACA 40 Q- B	10 Pcs.
		34474213	125 x 22,23	ZACA 60 Q- B	10 Pcs.



STANDARD TWINFLAP

for steel and stainless steel



Application

- + For demanding grinding applications on different stainless steel grades


We recommend

- + Grit size 40/60 for high stock removal
- + Grit size 80 for fine work
- + Best results when used on powerful angle grinders

Advantage

- + Double flap arrangement for maximum lifetime
- + Zirconium for very high aggressiveness
- + Form 28N: Focus on sustainable resources – the backing of this flap disc consists of 35% regenerated materials

Shape		Type number	Dimension	Specification	PU	
		27A	34441260	115 x 22,23	ZAZA 40 Q- B	10 Pcs.
			34441311	115 x 22,23	ZAZA 60 Q- B	10 Pcs.
			34441312	115 x 22,23	ZAZA 80 Q- B	10 Pcs.
			34601407	125 x 22,23	ZAZA 40 Q- B	10 Pcs.
			34601408	125 x 22,23	ZAZA 60 Q- B	10 Pcs.
			34601409	125 x 22,23	ZAZA 80 Q- B	10 Pcs.
		28A	34441314	115 x 22,23	ZAZA 40 Q- B	10 Pcs.
			34441315	115 x 22,23	ZAZA 60 Q- B	10 Pcs.

Shape	Type number	Dimension	Specification	PU	
	28N	34474187	115 x 22,23	ZAZA 40 Q- B	10 Pcs.
		34474188	115 x 22,23	ZAZA 60 Q- B	10 Pcs.
		34474189	115 x 22,23	ZAZA 80 Q- B	10 Pcs.
		34601413	125 x 22,23	ZAZA 40 Q- B	10 Pcs.
		34601414	125 x 22,23	ZAZA 60 Q- B	10 Pcs.
		34601415	125 x 22,23	ZAZA 80 Q- B	10 Pcs.



ONE 2in1 flap discs

for steel and stainless steel



Application

+ For fast and precise machining of various steel and stainless steel qualities

Advantage

+ Proven Tyrolit quality at an entry-level price




We recommend

+ Grit size 40/60 for high removal rate

+ Balanced flap distribution for long life times

+ Grit size 80/120 for fine work

+ Perfect for do-it-yourselfers but also suitable for professionals

Shape	Type number	Dimension	Specification	PU	
 	27A	34689694	115 x 22,23	ZA 40 Q- B	10 Pcs.
		34689695	115 x 22,23	ZA 60 Q- B	10 Pcs.
		34689696	115 x 22,23	ZA 80 Q- B	10 Pcs.
		34689697	115 x 22,23	ZA 120 Q- B	10 Pcs.
		34689698	125 x 22,23	ZA 40 Q- B	10 Pcs.
		34689699	125 x 22,23	ZA 60 Q- B	10 Pcs.
		34689700	125 x 22,23	ZA 80 Q- B	10 Pcs.
		34689701	125 x 22,23	ZA 120 Q- B	10 Pcs.
	28A	34689809	115 x 22,23	ZA 40 Q- B	10 Pcs.
		34689810	115 x 22,23	ZA 60 Q- B	10 Pcs.
		34689821	115 x 22,23	ZA 80 Q- B	10 Pcs.
		34689822	115 x 22,23	ZA 120 Q- B	10 Pcs.
		34689823	125 x 22,23	ZA 40 Q- B	10 Pcs.
		34689824	125 x 22,23	ZA 60 Q- B	10 Pcs.
		34689825	125 x 22,23	ZA 80 Q- B	10 Pcs.
		34689826	125 x 22,23	ZA 120 Q- B	10 Pcs.

FORTYFLEX semi flexible grinding wheels

for universal use



Application

- + For deburring metals, removing coatings as well as removing paint and adhesive residues

Advantage

- + Multiple grinding layers for maximum grinding performance
- + High resistivity and long tool life
- + Cleverly placed coolant holes ensure cool grinding processes

Shape	Type number	Dimension	Specification	PU
29FOR	727068	115 x 22,2	C 16 B	25 Pcs.
	727175	115 x 22,2	C 36 B	25 Pcs.
	727176	115 x 22,2	C 80 B	25 Pcs.
	34546661	125 x 22,23	C 24 B	10 Pcs.
	34546662	125 x 22,23	C 36 B	10 Pcs.
	34546663	125 x 22,23	C 60 B	10 Pcs.
	34546664	178 x 22,23	C 16 B	10 Pcs.
	34546666	178 x 22,23	C 36 B	10 Pcs.
	34546667	178 x 22,23	C 60 B	10 Pcs.

Coated Abrasives - Fibre discs



CERABOND X natural fibre discs

for steel and stainless steel




Application

- + For coarse grinding work as well as rust removal and deburring of hard surfaces made of steel and stainless steel

Advantage

- + Fastest removal thanks to ceramic grain
- + Consistent aggressiveness and durability
- + Highest lifetime due to cooling layer
- + Balanced price-performance ratio
- + Environmentally friendly, trimmable core

Shape		Type number	Dimension	Grain	Max RPM	PU
	DISC-N	34617406	115 x 22	36	13300	10 Pcs.
		34617421	125 x 22	36	12250	10 Pcs.
		34617422	180 x 22	36	8600	10 Pcs.



CERABOND X fibre discs

for steel and stainless steel



Application


- + For coarse grinding work as well as for removing rust and burrs from hard steel and stainless steel surfaces


Advantage

- + Extremely fast stock removal thanks to ceramic grain
- + Consistent abrasiveness
- + Cooling layer for maximum lifetime

We recommend

- + Grit size 24/36/40/60 for maximum stock removal
- + Grit size 80/120 for fine grinding

Shape		Type number	Dimension	Grain	Max RPM	PU
	DISC-V	34480494	115 x 22 / 4	24	13300	50 Pcs.
		34480447	115 x 22 / 4	36	13300	50 Pcs.
		34480448	115 x 22 / 4	40	13300	50 Pcs.
		34480449	115 x 22 / 4	60	13300	50 Pcs.
		34480450	115 x 22 / 4	80	13300	50 Pcs.
		34480471	115 x 22 / 4	120	13300	50 Pcs.
		34480472	125 x 22 / 4	24	12300	50 Pcs.
		34480473	125 x 22 / 4	36	12300	50 Pcs.
		34480474	125 x 22 / 4	40	12300	50 Pcs.
		34480475	125 x 22 / 4	60	12300	50 Pcs.
		34480476	125 x 22 / 4	80	12300	50 Pcs.
		34480477	125 x 22 / 4	120	12300	50 Pcs.

Shape	Type number	Dimension	Grain	Max RPM	PU
	34480478	180 x 22 / 4	24	8600	50 Pcs.
	34480479	180 x 22 / 4	36	8600	50 Pcs.
	34480480	180 x 22 / 4	40	8600	50 Pcs.
	34480491	180 x 22 / 4	60	8600	50 Pcs.
	34480492	180 x 22 / 4	80	8600	50 Pcs.
	34480493	180 x 22 / 4	120	8600	50 Pcs.



PREMIUM ZA-P48 N natural fibre discs

for steel and stainless steel



Application


- + For coarse grinding work as well as for removing rust and burrs from regular and hard steel and stainless steel surfaces

We recommend

- + Grit size 36 for maximum stock removal
- + Grit size 60 for general grinding work

Advantage

- + Zirconia alumina and an additional coolant layer ensures very good stock removal
- + Environmentally friendly, trimmable jute fibre core guarantees maximum lifetime
- + Core helps to transport the heat away and ensures cool grinding

Shape		Type number	Dimension	Grain	Max RPM	PU
	DISC-N	706128	115 x 22	36	13300	10 Pcs.
		205056	115 x 22	60	13300	10 Pcs.
		706129	125 x 22	36	12250	10 Pcs.
		205058	125 x 22	60	12250	10 Pcs.
		706130	180 x 22	36	8600	10 Pcs.



PREMIUM ZA-P48 V vulcanised fibre discs

for steel and stainless steel



Application


- + For coarse and fine grinding work as well as for removing rust and burrs from regular and hard steel and stainless steel surfaces


We recommend

- + Grit size 24/36/40/60 for maximum stock removal
- + Grit size 80/120 for fine grinding

Advantage

- + Zirconia alumina and an additional coolant layer ensure very good stock removal
- + Additional coolant layer for long lifetime
- + Very good surface finish thanks to optimised backing thickness

Shape		Type number	Dimension	Grain	Max RPM	PU
	DISC-V	34163024	115 x 22 / 4	24	13300	50 Pcs.
		34163025	115 x 22 / 4	36	13300	50 Pcs.
		34163026	115 x 22 / 4	40	13300	50 Pcs.
		34163888	115 x 22 / 4	60	13300	50 Pcs.
		34163889	115 x 22 / 4	80	13300	50 Pcs.
		34163890	115 x 22 / 4	120	13300	50 Pcs.
		34163902	125 x 22 / 4	24	12300	50 Pcs.
		34163903	125 x 22 / 4	36	12300	50 Pcs.

Shape	Type number	Dimension	Grain	Max RPM	PU
	34163905	125 x 22 / 4	40	12300	50 Pcs.
	34163906	125 x 22 / 4	60	12300	50 Pcs.
	34163908	125 x 22 / 4	80	12300	50 Pcs.
	34163910	125 x 22 / 4	120	12300	50 Pcs.
	34163911	180 x 22 / 4	24	8600	50 Pcs.
	34163912	180 x 22 / 4	36	8600	50 Pcs.
	34163913	180 x 22 / 4	40	8600	50 Pcs.
	34163914	180 x 22 / 4	60	8600	50 Pcs.



BASIC accessory

for fibre discs




Application

+ Pack up pads offer the best support for working with fibre discs

Advantage

+ Good support for a perfect surface finish

Shape	Type number	Dimension	Mounting	Specification	Max RPM	PU
	PADFIBER 709995	115 x 22	M14	HARD	13300	1 Pcs.
	709999	115 x 22	5/8	HARD	13300	1 Pcs.
	709997	125 x 22	M14	HARD	12300	1 Pcs.
	710002	125 x 22	5/8	HARD	12300	1 Pcs.
	709998	180 x 22	M14	HARD	8600	1 Pcs.
	710005	180 x 22	5/8	HARD	8600	5 Pcs.



PREMIUM accessory

for natural fibre discs




Application

+ Ideally suited to setting the correct distance between the wheel and angle grinder

Advantage

+ Enables flat surfaces to be ground with a small grinding angle
+ Compatible with all wheel diameters

Shape	Type number	Dimension	PU
	100 SFL 21381	42 x 22,23	1 Pcs.



PREMIUM accessory
for fibre discs



Application

- + Back up pads offer the best support for working with fibre discs

Advantage

- + Various hardnesses for the required stock removal rate
- + Constant air circulation thanks to special design prevents heat build-up at the workpiece and tool

Shape		Type number	Dimension	Mounting	Specification	Max RPM	PU
	PADFIBER	709992	115 x 22	M14	HARD	13300	5 Pcs.
		709993	125 x 22	M14	HARD	12300	5 Pcs.
		34626329	125 x 22	M14	MEDIUM	12300	1 Pcs.
		709991	125 x 22	M14	VERY HARD	12300	5 Pcs.
		709994	180 x 22	M14	HARD	8600	5 Pcs.

Coated Abrasives - Quick-Change Discs Coated



PREMIUM CA-P93 PE Y Quick-Change discs

for steel and stainless steel



Application



- + For coarse grinding applications, for removing rust and burrs from hard-to-reach places on hard steel and stainless steel surfaces

We recommend

- + Grit size 36/40/60 for maximum stock removal
- + Grit size 80/120 for fine grinding

Advantage

- + Maximum abrasiveness with ceramic grain guarantees maximum stock removal
- + Very durable tool thanks to three-layer product structure in combination with ceramic aluminium oxide and a coolant layer
- + Robust design ensures low grain break-out and very high edge stability

Shape	Type number	Dimension	Grain	Max RPM	PU	
 	QDISC-PE	113026	75 x S	36	20000	25 Pcs.
		113031	75 x S	60	20000	25 Pcs.
		113057	75 x S	80	20000	25 Pcs.
		113059	75 x S	120	20000	25 Pcs.



PREMIUM CA-P92 PE X Y Quick-Change discs

for stainless steel, high-alloy steels, aluminum



Application




- + For applications with high stock removal and processing speed (removal of small burrs, welding spots and projections)


We recommend

- + System R with external thread: The larger adhesive surface leads to greater resistance against mechanical stress in comparison to system S.
- + Grit size 36/40/50/60 for maximum stock removal
- + Grit size 80/120 for fine grinding

Advantage

- + Ceramic grain disc with excellent lifetime, cutting ability and edge stability
- + Additional layer has a cooling effect and prevents discolorations on the workpiece
- + Perfectly suited for small and hard-to-reach areas
- + Maximum stock removal in a short time

Shape	Type number	Dimension	Grain	Max RPM	PU	
  	QDISC-PE	34593711	25 x R	36	30000	100 Pcs.
		34593713	25 x R	50	30000	100 Pcs.
		34593714	25 x R	60	30000	100 Pcs.
		34593715	25 x R	80	30000	100 Pcs.
		34594041	25 x S	36	30000	100 Pcs.
		34593720	38 x R	60	25000	100 Pcs.
		34593721	38 x R	80	25000	100 Pcs.
		34593722	38 x R	120	25000	100 Pcs.
		34594052	38 x S	120	25000	100 Pcs.
		34593723	51 x R	36	25000	100 Pcs.

Shape	Type number	Dimension	Grain	Max RPM	PU
	34593724	51 x R	40	25000	100 Pcs.
	34593726	51 x R	60	25000	100 Pcs.
	34593727	51 x R	80	25000	100 Pcs.
	34593728	51 x R	120	25000	100 Pcs.
	34594057	51 x S	60	25000	100 Pcs.
	34594058	51 x S	80	25000	100 Pcs.
	34594059	51 x S	120	25000	100 Pcs.
	34593729	76 x R	36	20000	50 Pcs.
	34593731	76 x R	50	20000	50 Pcs.
	34593732	76 x R	60	20000	50 Pcs.
	34593733	76 x R	80	20000	50 Pcs.



PREMIUM ZA-P48 PE Y Quick-Change discs

for steel and stainless steel



Application



- + For coarse grinding applications, for removing rust and burrs from hard-to-reach places on regular and hard steel and stainless steel surfaces

We recommend

- + Grit size 24/36/40/60 for maximum stock removal
- + Grit size 80/120 for fine grinding

Advantage

- + High abrasiveness guarantees maximum stock removal
- + Very durable tool thanks to three-layer product structure in combination with zirconia alumina and a coolant layer
- + Robust design ensures low grain break-out and high edge stability

Shape		Type number	Dimension	Grain	Max RPM	PU
 	QDISC-PE	112398	50 x R	24	25000	50 Pcs.
		112401	50 x R	36	25000	50 Pcs.
		112406	50 x R	40	25000	50 Pcs.
		112411	50 x R	60	25000	50 Pcs.
		112413	50 x R	80	25000	50 Pcs.
		112418	50 x R	120	25000	50 Pcs.
		112469	50 x S	36	25000	50 Pcs.
		112471	50 x S	40	25000	50 Pcs.
		112486	50 x S	60	25000	50 Pcs.
		112493	50 x S	80	25000	50 Pcs.
		112494	50 x S	120	25000	50 Pcs.
		112432	75 x R	24	20000	25 Pcs.
		112438	75 x R	36	20000	25 Pcs.
		112447	75 x R	60	20000	25 Pcs.
		112449	75 x R	80	20000	25 Pcs.
		112452	75 x R	120	20000	25 Pcs.
		112527	75 x S	60	20000	25 Pcs.



STANDARD Quick-Change minidiscs

for steel and stainless steel



Application


- + For grinding and refining hard-to-reach places on steel and stainless steel with mini angle grinders

We recommend

- + Grit size 40/60 for maximum stock removal
- + Grit size 80/120 for fine grinding

Advantage

- + Quick clamping system for quick and convenient tool changes
- + mounting type R
- + Individual application

Shape		Type number	Dimension	Grain	Max RPM	PU
	28N	679662	50 x R	40	30000	10 Pcs.
		666221	50 x R	60	30000	10 Pcs.
		679663	50 x R	80	30000	10 Pcs.
		679664	50 x R	120	30000	10 Pcs.
		666276	75 x R	40	20000	10 Pcs.
		666279	75 x R	60	20000	10 Pcs.
		666280	75 x R	80	20000	10 Pcs.
		666421	75 x R	120	20000	10 Pcs.



STANDARD SOFTJOB minidiscs

for steel and stainless steel



Application



- + For grinding contours and profiled surfaces, for cleaning welding seams and for removing rust and paint residues using mini angle grinders

We recommend

- + Grit size 40/60 for maximum stock removal
- + Grit size 80/120 for fine grinding

Advantage

- + Easy grinding of hard-to-reach places
- + High flexibility thanks to wide application area
- + Saves working time

Shape		Type number	Dimension	Grain	Max RPM	PU
 	28S	246982	50 x R	40	30000	10 Pcs.
		246984	50 x R	60	30000	10 Pcs.
		246985	50 x R	80	30000	10 Pcs.
		246986	50 x R	120	30000	10 Pcs.
		289327	75 x R	40	20000	10 Pcs.
		289329	75 x R	60	20000	10 Pcs.
		289330	75 x R	80	20000	10 Pcs.





PREMIUM accessories

for Quick-Change discs



Application

+ Accessory for fitting the Quick-Change adapters on an angle grinder

Shape	Type number	Specification	Mounting	Max RPM	PU
 	PADQDISC	34214177	ADAPTER	22000	1 Pcs.





PREMIUM accessories

for Quick-Change discs



Application

+ Accessories for discs in Quick-Change design for the mini angle grinder

Shape	Type number	Dimension	Mounting	Specification	Max RPM	PU
 	PADQDISC	34598666	25 - R-6 - 40	MEDIUM-H	30000	1 Pcs.
		34598668	25 - S-6 - 40	MEDIUM-H	30000	1 Pcs.
		34598667	38 - R-6 - 40	MEDIUM-H	25000	1 Pcs.
		34598670	38 - S-6 - 40	MEDIUM-H	25000	1 Pcs.
		34472191	50 - R-6 - 40	HARD	25000	1 Pcs.

Coated Abrasives - TFC Tyrolit Fast Change



PREMIUM ZA-P45 V |
ZA-P45 P F TFC
 for universal use



- Application**

 - + For coarse and fine grinding of steel, nonferrous metals, composites and gel coat

We recommend

 - + Grit size 40 for grinding smaller welding seams and spot weld seams
 - + Grit size 60 for maximum stock removal
 - + Grit size 80/120 for a perfect surface finish
- Advantage**

 - + Combination of zirconia alumina and a unique, strong paper backing for maximum abrasiveness and lifetime
 - + Active coolant in the bond for cool and clean grinding
 - + Tyrolit Fast Change system for quick and easy wheel changes thanks to velcro fastening

Shape	Type number	Dimension	Grain	Max RPM	PU
DISC-P	706136	115	60	12300	50 Pcs.
	706137	115	80	12300	50 Pcs.
	706138	115	120	12300	50 Pcs.
	706141	125	60	10500	50 Pcs.
	706142	125	80	10500	50 Pcs.
	706143	125	120	10500	50 Pcs.
	706144	150	60	8800	50 Pcs.
	706145	150	80	8800	50 Pcs.
	706146	150	120	8800	50 Pcs.



PREMIUM C-P65 P E TFC

for hard stone, steel, composites, plastics and soft stone



Application

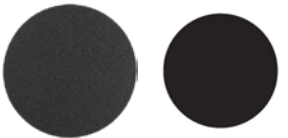
- + For coarse and fine grinding of workpieces made of hard stone, steel, composites, plastics and soft stone

We recommend

- + Grit size 40/60 for maximum stock removal
- + Grit size 80/120 for universal grinding work
- + Grit sizes 150-800 for a perfect surface finish

Advantage

- + The Silicon carbide disc with sturdy "E" paper backing is perfectly suited for coarse and fine grinding
- + Tyrolit Fast Change system for quick and easy wheel changes thanks to velcro fastening
- + Reduced working times

Shape		Type number	Dimension	Grain	Max RPM	PU
	DISC-P	6957	125	40	10500	50 Pcs.
		6958	125	60	10500	50 Pcs.
		6960	125	80	10500	50 Pcs.
		6964	125	120	10500	50 Pcs.
		6968	125	180	10500	50 Pcs.
		6969	125	220	10500	50 Pcs.
		6991	125	400	10500	50 Pcs.
		6993	125	600	10500	50 Pcs.
		7008	180	40	7300	50 Pcs.
		7030	180	60	7300	50 Pcs.
		7055	180	80	7300	50 Pcs.
		7058	180	120	7300	50 Pcs.
		7072	180	220	7300	50 Pcs.
		7086	180	320	7300	50 Pcs.
		7087	180	400	7300	50 Pcs.
		7093	180	600	7300	50 Pcs.



PREMIUM A-P31 P F TFC

for universal use



Application


- + For coarse and fine grinding of various materials

We recommend

- + Grit size 40/60 for maximum stock removal
- + Grit sizes 80-120 for medium grinding
- + Grit sizes 150-240 for a perfect surface finish

Advantage

- + Aluminium oxide disc on strong backing for very high abrasiveness and lifetime
- + High durability on edges
- + Grit size 320 and 400 available on request

Shape		Type number	Dimension	Grain	Max RPM	PU
	DISC-P	34230711	115	180	12300	50 Pcs.
		34230719	125	180	10500	50 Pcs.



PREMIUM A-P22 FI TFC

for plastic, composites, gel coat, wood and aluminium



Application

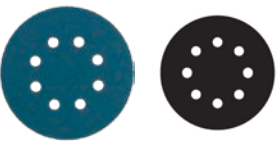
- + For coarse and fine grinding of workpieces made of plastic, composite, gel coat, wood and aluminium

We recommend

- + Grit size 40/60 for maximum stock removal
- + Grit sizes 80-120 for universal grinding work
- + Grit sizes 150-400 for a perfect surface finish

Advantage

- + Aluminium oxide disc on special film backing for improved edge stability and maximum stock removal
- + No clogging or loading of the disc
- + Tyrolit Fast Change system for quick and easy wheel changes thanks to Velcro fastening

Shape		Type number	Dimension	Grain	Max RPM	PU
	DISC-FI	706147	125 / 8	40	10500	50 Pcs.
		706148	125 / 8	60	10500	50 Pcs.
		706149	125 / 8	80	10500	50 Pcs.
		706150	125 / 8	100	10500	50 Pcs.
		706151	125 / 8	120	10500	50 Pcs.
		706152	125 / 8	150	10500	50 Pcs.
		706154	125 / 8	180	10500	50 Pcs.
		706155	125 / 8	240	10500	50 Pcs.
		706157	125 / 8	320	10500	50 Pcs.
		706158	125 / 8	400	10500	50 Pcs.
		34063266	150 / 15	40	8800	50 Pcs.
		34063267	150 / 15	60	8800	50 Pcs.
		34063292	150 / 15	80	8800	50 Pcs.
		34063294	150 / 15	100	8800	50 Pcs.
		34063296	150 / 15	120	8800	50 Pcs.
		34063298	150 / 15	150	8800	50 Pcs.
		34063299	150 / 15	180	8800	50 Pcs.
		34063300	150 / 15	240	8800	50 Pcs.
		34063301	150 / 15	320	8800	50 Pcs.
		34063303	150 / 15	400	8800	50 Pcs.
		34036456	150 / 17	40	8800	50 Pcs.
		34036457	150 / 17	60	8800	50 Pcs.
		34036458	150 / 17	80	8800	50 Pcs.
		34036459	150 / 17	100	8800	50 Pcs.
		34036460	150 / 17	120	8800	50 Pcs.
		34036501	150 / 17	150	8800	50 Pcs.
		34036502	150 / 17	180	8800	50 Pcs.
		34036503	150 / 17	240	8800	50 Pcs.
		34036504	150 / 17	320	8800	50 Pcs.
		34036505	150 / 17	400	8800	50 Pcs.



PREMIUM A-P22 PD/PE/PC TFC

for plastics, composites, gel coat, wood, paint and lacquers



Application



- + For coarse and fine grinding of workpieces made of plastic, composite, gel coat and wood


We recommend

- + Grit size 40/60 for maximum stock removal
- + Grit sizes 80-120 for medium grinding
- + Grit sizes 150-400 for a perfect surface finish

Advantage

- + Elimination of clogging and loading of the disc enables maximum lifetime
- + Very high stock removal thanks to improved backing
- + Tyrolit Fast Change system for quick and easy wheel changes thanks to Velcro fastening

Shape	Type number	Dimension	Grain	Max RPM	PU
  DISC-P	34230261	125 / 8	40	10500	50 Pcs.
	34230417	125 / 8	60	10500	50 Pcs.
	34230419	125 / 8	80	10500	50 Pcs.
	34230420	125 / 8	100	10500	100 Pcs.
	34230422	125 / 8	120	10500	100 Pcs.
	34230446	125 / 8	150	10500	100 Pcs.
	34230447	125 / 8	180	10500	100 Pcs.
	34230449	125 / 8	220	10500	100 Pcs.
	34230450	125 / 8	240	10500	100 Pcs.
	34230452	125 / 8	320	10500	100 Pcs.
	34230453	125 / 8	400	10500	100 Pcs.
	34230486	150	40	8800	50 Pcs.
	34230487	150	60	8800	50 Pcs.
	34230488	150	80	8800	100 Pcs.
	34230490	150	120	8800	100 Pcs.
	34230531	150	150	8800	100 Pcs.
	34230532	150	180	8800	100 Pcs.
	34230533	150	240	8800	100 Pcs.
	34230534	150 / 15	40	8800	50 Pcs.
	34230535	150 / 15	60	8800	50 Pcs.
	34230591	150 / 15	80	8800	100 Pcs.
	34230592	150 / 15	100	8800	100 Pcs.
	34230593	150 / 15	120	8800	100 Pcs.
	34230595	150 / 15	150	8800	100 Pcs.
	34230597	150 / 15	180	8800	100 Pcs.
	34230598	150 / 15	220	8800	100 Pcs.
	34230599	150 / 15	240	8800	100 Pcs.
	34230600	150 / 15	320	8800	100 Pcs.
	34230601	150 / 15	400	8800	100 Pcs.
	34230605	150 / 17	40	8800	50 Pcs.
	34230606	150 / 17	60	8800	50 Pcs.
	34230607	150 / 17	80	8800	100 Pcs.

Shape	Type number	Dimension	Grain	Max RPM	PU
	34230608	150 / 17	100	8800	100 Pcs.
	34230609	150 / 17	120	8800	100 Pcs.
	34230610	150 / 17	150	8800	100 Pcs.
	34230612	150 / 17	180	8800	100 Pcs.
	34230613	150 / 17	220	8800	100 Pcs.
	34230614	150 / 17	240	8800	100 Pcs.
	34230615	150 / 17	320	8800	100 Pcs.
	34230616	150 / 17	400	8800	100 Pcs.



PREMIUM back-up pads

for Tyrolit Fast Change (TFC) discs




Application

- + For quick and easy mounting of the discs on the dual action sander
- + Compatible with all TFC discs

Advantage

- + Ideal support for finishing and preparing surfaces
- + Back up pad design for outstanding dust extraction

Shape	Type number	Dimension	Mounting	Specification	Max RPM	PU
	PAD 710006	115	M14	Tyrolit Fast Change HARD	13300	5 Pcs.
	710007	125	M14	Tyrolit Fast Change HARD	12300	5 Pcs.
	34177464	150	21 x 5/16-M8	Tyrolit Fast Change 21 HOLES HARD	10500	1 Pcs.
	710008	150	23 x 5/16-M8	Tyrolit Fast Change 23 HOLES MED-HARD	10500	1 Pcs.

Coated Abrasives - Abrasive Belts


BASIC A-B06 PC X belts










for universal use

Application


- + For grinding various materials, especially wood, using portable hand sanders

We recommend

- + Grit size 40/60 for maximum stock removal
- + Grit size 80/120 for a perfect surface finish

Advantage

- + Universal use
- + Good lifetime
- + Good stock removal
- + Aluminium oxide grain

Shape		Type number	Dimension	Specification	Grain	PU
	BELT-PC	706368	75 x 457	A-B06	40	10 Pcs.
		706369	75 x 457	A-B06	60	10 Pcs.
		706370	75 x 457	A-B06	80	10 Pcs.
		706371	75 x 457	A-B06	100	10 Pcs.
		706372	75 x 457	A-B06	120	10 Pcs.
		706383	75 x 533	A-B06	40	10 Pcs.
		706384	75 x 533	A-B06	60	10 Pcs.
		706385	75 x 533	A-B06	80	10 Pcs.
		706386	75 x 533	A-B06	100	10 Pcs.
		706387	75 x 533	A-B06	120	10 Pcs.
		706404	100 x 610	A-B06	40	10 Pcs.
		706405	100 x 610	A-B06	60	10 Pcs.
		706406	100 x 610	A-B06	80	10 Pcs.
		706407	100 x 610	A-B06	100	10 Pcs.
		706408	100 x 610	A-B06	120	10 Pcs.
		741455	100 x 690	A-B06	40	10 Pcs.
		741460	100 x 690	A-B06	60	10 Pcs.
		741464	100 x 690	A-B06	80	10 Pcs.
		741471	100 x 690	A-B06	100	10 Pcs.
		741474	100 x 690	A-B06	120	10 Pcs.



PREMIUM CA-P92 PE Y mini belts

for steel, stainless steel and titanium



Application



- + For machining hard steel, stainless steel and titanium with mini belt grinders

We recommend

- + Grit size 40 for maximum stock removal
- + Grit size 60/80 for a perfect surface finish

Advantage

- + Highest possible stock removal thanks to the use of ceramic grain
- + Self-sharpening grain for constantly good surface result combined with reduced operator workload
- + Coolant layer for exceptionally cool grinding

Shape	Type number	Dimension	Specification	Grain	PU	
 	BELT-PE	34648416	10 x 330	CA-P92	40	20 Pcs.
		34648417	10 x 330	CA-P92	60	20 Pcs.
		34648418	10 x 330	CA-P92	80	20 Pcs.
		34648419	13 x 457	CA-P92	40	20 Pcs.
		34648420	13 x 457	CA-P92	60	20 Pcs.
		34648421	13 x 457	CA-P92	80	20 Pcs.
		34648423	13 x 610	CA-P92	40	20 Pcs.
		34648424	13 x 610	CA-P92	60	20 Pcs.
		34648425	13 x 610	CA-P92	80	20 Pcs.
		34648426	20 x 520	CA-P92	40	20 Pcs.
		34648427	20 x 520	CA-P92	60	20 Pcs.
		34648428	20 x 520	CA-P92	80	20 Pcs.



PREMIUM ZA-P47 PE Y mini belts

for steel, stainless steel, titanium and cast iron



Application



- + For universal use on steel, stainless steel, titanium and cast iron with mini belt grinders

We recommend

- + Grit size 40/60 for maximum stock removal
- + Grit size 80/120 for a perfect surface finish

Advantage

- + Zirconium aluminium oxide and an additional coolant layer for maximum lifetime and cool grinding
- + Highest stock removal rates
- + Exceptional aggressiveness and edge stability

Shape		Type number	Dimension	Specification	Grain	PU
 	BELT-PE	34648382	9 x 533	ZA-P47	40	20 Pcs.
		34648383	9 x 533	ZA-P47	60	20 Pcs.
		34648384	9 x 533	ZA-P47	80	20 Pcs.
		34648385	9 x 533	ZA-P47	120	20 Pcs.
		34648386	10 x 330	ZA-P47	40	20 Pcs.
		34648387	10 x 330	ZA-P47	60	20 Pcs.
		34648388	10 x 330	ZA-P47	80	20 Pcs.
		34648390	10 x 330	ZA-P47	120	20 Pcs.
		34648402	12 x 520	ZA-P47	40	20 Pcs.
		34648403	12 x 520	ZA-P47	60	20 Pcs.
		34648404	12 x 520	ZA-P47	80	20 Pcs.

Shape	Type number	Dimension	Specification	Grain	PU
	34648405	12 x 520	ZA-P47	120	20 Pcs.
	34648406	13 x 610	ZA-P47	40	20 Pcs.
	34648407	13 x 610	ZA-P47	60	20 Pcs.
	34648408	13 x 610	ZA-P47	80	20 Pcs.
	34648409	13 x 610	ZA-P47	120	20 Pcs.
	34648410	20 x 520	ZA-P47	40	20 Pcs.
	34648411	20 x 520	ZA-P47	60	20 Pcs.
	34648412	20 x 520	ZA-P47	80	20 Pcs.
	34648414	20 x 520	ZA-P47	120	20 Pcs.

Coated Abrasives - Spiral bands



PREMIUM ZA-P41 PC X spiral bands

for universal use



Application


- + For fine machining of stamped parts, interior surfaces of cylinders, pipes and parts with bores
- + For deburring right up to shaping workpieces depending on the grit size

Advantage

- + High toughness for improved durability
- + Easy assembly on an axis or expandable mandrel
- + Universal use on hard-to-reach surfaces thanks to combination of zirconium and a coolant

We recommend

- + Grit size 36/50/60 for maximum stock removal
- + Grit size 80/120 for a perfect surface finish

Shape	Type number	Dimension	Specification	Grain	PU	
	SPIRAL-PC	34593863	22 x 20	ZA-P41	36	100 Pcs.
		34593864	22 x 20	ZA-P41	50	100 Pcs.
		34593865	22 x 20	ZA-P41	60	100 Pcs.
		34593866	22 x 20	ZA-P41	80	100 Pcs.
		34593867	22 x 20	ZA-P41	120	100 Pcs.
		34593875	30 x 20	ZA-P41	60	100 Pcs.
		34593876	30 x 20	ZA-P41	80	100 Pcs.
		34593878	30 x 30	ZA-P41	36	100 Pcs.
		34593879	30 x 30	ZA-P41	50	100 Pcs.
		34593880	30 x 30	ZA-P41	60	100 Pcs.
		34593881	30 x 30	ZA-P41	80	100 Pcs.
		34593882	30 x 30	ZA-P41	120	100 Pcs.

Coated Abrasives - Mounted flap wheels



PREMIUM A-P01 C X spindle-mounted flap wheels

for universal use



Application


- + Finishing, light deburring, cleaning, or preparation for subsequent treatments (chromium plating, nickel plating or painting) on small or hard-to-reach surfaces such as the internal surfaces of pipes, cylinders, moulds, parts of irregular shape
- + Production and maintenance of machinery (chemical, pharmaceutical, medical and food industry), deburring and cleaning moulded parts (automotive industry), metalworking, steel and stainless-steel furniture, moulding, production of tools

Advantage

- + Variety of different dimensions and shaft sizes
- + Excellent grinding power and consistent results
- + High flexibility and adaptability
- + Excellent handiness

We recommend

- + Grit size 60 for high stock removal
- + Grit size 80/120 for universal grinding
- + Grit sizes 180 to 320 for fine work
- + Observe maximum RPM

Shape	Type number	Dimension	Mounting	Grain	Max RPM	Rec. RPM	PU	
	52LA C	816914	40 x 20	6 x 40	40	19100	17100	10 Pcs.
	816915	40 x 20	6 x 40	60	19100	17100	10 Pcs.	
	816916	40 x 20	6 x 40	80	19100	17100	10 Pcs.	
	816918	40 x 20	6 x 40	120	19100	17100	10 Pcs.	
	816919	40 x 20	6 x 40	150	19100	17100	10 Pcs.	
	897078	40 x 20	6 x 40	180	19100	17100	10 Pcs.	
	816920	40 x 20	6 x 40	240	19100	17100	10 Pcs.	
	816921	40 x 20	6 x 40	320	19100	17100	10 Pcs.	
	817011	60 x 30	6 x 40	40	12700	11500	10 Pcs.	
	816959	60 x 30	6 x 40	60	12700	11500	10 Pcs.	
	816960	60 x 30	6 x 40	80	12700	11500	10 Pcs.	
	816961	60 x 30	6 x 40	120	12700	11500	10 Pcs.	
	816962	60 x 30	6 x 40	150	12700	11500	10 Pcs.	
	909368	60 x 30	6 x 40	180	12700	11500	10 Pcs.	
	816963	60 x 30	6 x 40	240	12700	11500	10 Pcs.	
	816964	60 x 30	6 x 40	320	12700	11500	10 Pcs.	



BASIC A-B02 PC X mounted flap wheels

for steel, stainless steel and nonferrous metals



Application


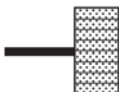
- + For various applications on steel, stainless steel and nonferrous metals
- + For matting, pre-polishing, removing rust or cleaning surfaces
- + Can be used on both electric and pneumatic machines

Advantage

- + Flexible flaps for precision work
- + Perfect for grinding hard-to-reach places
- + Good lifetime

We recommend

- + Grit size 40/60 for high stock removal
- + Grit size 80/120 for medium-fine grinding
- + Grit size 180 for fine work

Shape	Type number	Dimension	Grain	Max RPM	Rec. RPM	PU
  52LA PC	34054759	40 x 20	40	20000	13000	10 Pcs.
	34054760	40 x 20	60	20000	13000	10 Pcs.
	34054783	40 x 20	80	20000	13000	10 Pcs.
	34054784	40 x 20	120	20000	13000	10 Pcs.
	34054785	40 x 20	180	20000	13000	10 Pcs.
	34054852	60 x 30	40	13500	9000	10 Pcs.
	34054854	60 x 30	60	13500	9000	10 Pcs.
	34054855	60 x 30	80	13500	9000	10 Pcs.
	34054856	60 x 30	120	13500	9000	10 Pcs.
	34054857	60 x 30	180	13500	9000	10 Pcs.

Coated Abrasives - Flap wheels



PREMIUM A-P01 C X flap wheels
for steel, nonferrous metal and wood



Application


- + For general grinding applications such as cleaning, finishing and polishing on steel, nonferrous metals and wood
- + For polishing uneven or curved surfaces

We recommend

- + Grit size 40/60 for high stock removal
- + Grit size 80/120 for fine work

Advantage

- + Consistent wear pattern of the flap wheel over its entire lifetime enables a consistently high-quality surface finish
- + Universal use
- + Broad assortment

Shape		Type number	Dimension	Grain	PU
	1LA C	34053198	115 x 20	40	5 Pcs.
		34057513	115 x 20	60	5 Pcs.
		34057514	115 x 20	80	5 Pcs.
		34057515	115 x 20	120	5 Pcs.
		34057521	125 x 20	60	5 Pcs.

Coated Abrasives - Coated Rolls



BASIC A-B01 C J cloth rolls

for universal use




Application

+ For dry grinding and cleaning a wide range of materials and workpiece geometries

Advantage

- + Aluminium oxide grain for universal application
- + High quality results thanks to thought-out grain distribution
- + Maximum flexibility and adaptability

Shape	Type number	Dimension	Grain	PU
 ROLL-C	34673672	38 x 25	40	1 Pcs.
	34673678	38 x 25	60	1 Pcs.
	34673673	38 x 25	80	1 Pcs.
	34673674	38 x 25	120	1 Pcs.
	34673679	38 x 25	150	1 Pcs.
	34673675	38 x 25	180	1 Pcs.
	34673677	38 x 25	240	1 Pcs.
	34673680	38 x 25	320	1 Pcs.
	34673676	38 x 25	400	1 Pcs.
	34673691	50 x 25	80	1 Pcs.
	34673692	50 x 25	100	1 Pcs.
	34673693	50 x 25	120	1 Pcs.
	34673694	50 x 25	180	1 Pcs.
	34673695	50 x 25	240	1 Pcs.
	34673696	50 x 25	320	1 Pcs.

Coated Abrasives - Coated Sheets



PREMIUM A-P14 P C paper sheets

for steel, nonferrous metals, wood, paints and lacquers

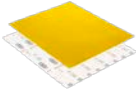



Application

- + For surface preparation by hand or in combination with an orbital sander
- + For levelling, smoothing, light deburring, fine grinding of coatings as well as for general surface preparation

Advantage

- + With latex-finished backing for optimum results in wet and dry applications
- + Closed coating for an excellent surface finish
- + Universal use

Shape	Type number	Dimension	Grain	PU
  SHEET-P	34658213	230 x 280	60	50 Pcs.
	34658214	230 x 280	80	50 Pcs.
	34658215	230 x 280	100	50 Pcs.
	34658216	230 x 280	120	50 Pcs.
	34658217	230 x 280	150	50 Pcs.
	34658218	230 x 280	180	50 Pcs.
	34658219	230 x 280	220	50 Pcs.
	34658220	230 x 280	240	50 Pcs.
	34658241	230 x 280	320	50 Pcs.
	34658242	230 x 280	400	50 Pcs.
	34658243	230 x 280	600	50 Pcs.
	34658244	230 x 280	800	50 Pcs.



PREMIUM C-P68 P C | C-P68 P A **paper sheets**

for steel, nonferrous metals, wood, paints and lacquers

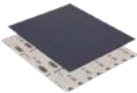



Application

- + For surface preparation by hand or in combination with an orbital sander
- + For levelling, smoothing, light deburring, fine grinding of coatings as well as for general surface preparation

Advantage

- + Perfect solution for dry grinding thanks to open distribution of silicon carbide grain on light paper backing
- + Semi-open coating prevents loading and delivers an excellent surface finish
- + Universal use

Shape	Type number	Dimension	Grain	PU
  <p>SHEET-P</p>	724257	230 x 280	80	50 Pcs.
	724264	230 x 280	100	50 Pcs.
	724267	230 x 280	120	50 Pcs.
	724268	230 x 280	150	50 Pcs.
	724271	230 x 280	180	50 Pcs.
	724272	230 x 280	220	50 Pcs.
	724273	230 x 280	240	50 Pcs.
	724275	230 x 280	320	50 Pcs.
	724276	230 x 280	400	50 Pcs.
	724281	230 x 280	600	50 Pcs.
	724283	230 x 280	800	50 Pcs.
	724284	230 x 280	1000	50 Pcs.
	724285	230 x 280	1200	50 Pcs.

Non-Woven Abrasives - Surface Conditioning SCM



PREMIUM SCM discs HD for universal use



Application


- + For reducing surface roughness, smoothing surfaces, cleaning and removing welding seams and deburring edges.
- + Machining of machinery for the chemical and food industries (production and maintenance), stainless steel furniture, shipyards, stainless steel scaffolding.
- + TN 34529674 and 34529678 without removable center hole

Advantage

- + High grinding power with low surface roughness
- + Best tool lifetime and high removal
- + Perfectly suited for heavy-duty applications

We recommend

- + Use on adjustable angle grinders
- + Other common dimensions are available on request

Shape	Type number	Dimension	Specification	Max RPM	Rec. RPM	PU	
	DISC-VL	34529676	115 x 22	SCM A EX. COARSE HD	13300	8000	10 Pcs.
		34529677	115 x 22	SCM A EX. MEDIUM HD	13300	8000	10 Pcs.
		34529681	125 x 22	SCM A EX. COARSE HD	12150	7300	10 Pcs.
		34529682	125 x 22	SCM A EX. MEDIUM HD	12150	7300	10 Pcs.
		34529689	178 x 22	SCM A EX. COARSE HD	8600	5200	10 Pcs.
		34529690	178 x 22	SCM A EX. MEDIUM HD	8600	5200	10 Pcs.



PREMIUM SCM discs with centre hole

For universal use



Application


- + For reducing surface roughness, smoothing surfaces, cleaning and removing welding seams, as well as deburring edges.
- + Machines for the chemical and food industry (production and maintenance), stainless steel furniture, automotive industry and railway construction, shipyards, aviation industry, propellers and jet engines, stainless steel scaffolding.

Advantage

- + Uniform surface results
- + Excellent service lifetime
- + Fast and aggressive grinding action
- + Quick replacement of the discs

We recommend

- + Use on adjustable angle grinders
- + "COARSE" grain for cleaning, rust removal and coating removal
- + "MEDIUM" grain for easy cleaning and deburring
- + "VERY FINE" / "ULTRA FINE" grain for the final polish
- + Other common dimensions are available on request

Shape	Type number	Dimension	Specification	Max RPM	Rec. RPM	PU	
	DISC-VL	34529627	115 x 22	SCM A COARSE	13300	8000	10 Pcs.
		34529628	115 x 22	SCM A MEDIUM	13300	8000	10 Pcs.
		34529629	115 x 22	SCM A VERY-FINE	13300	8000	10 Pcs.
		34529630	115 x 22	SCM S ULTRA FINE	13300	8000	10 Pcs.
		34529635	125 x 22	SCM A COARSE	12150	7300	10 Pcs.
		34529636	125 x 22	SCM A MEDIUM	12150	7300	10 Pcs.
		34529637	125 x 22	SCM A VERY-FINE	12150	7300	10 Pcs.
		34529643	150 x 22	SCM A COARSE	9600	5800	10 Pcs.
		34529650	178 x 22	SCM A COARSE	8600	5200	10 Pcs.



PREMIUM SCM Quick-Change discs

for steel, stainless steel, nonferrous metals, plastic and wood



Application


- + For reducing surface roughness, smoothing surfaces as well as cleaning and removing welding seams on a wide range of materials
- + Ideal for hard-to-reach places

Advantage

- + Shortest grinding time thanks to easy handling and mounting
- + Versatile application options eliminate the need for 1-3 work steps
- + Best lifetime and very good stock removal

We recommend

- + "EXTRA COARSE/EXTRA MEDIUM" grain for cleaning, for removing rust and burrs and for minimal stock removal
- + "COARSE" grain for cleaning, for removing rust and coatings and for final finishing
- + "MEDIUM" grain for gentle cleaning, for removing burrs and for final finishing
- + "VERY FINE" grain as the final step
- + Other common dimensions are available on request

Shape	Type number	Dimension	Specification	Max RPM	Rec. RPM	PU	
	QDISC-VL	34422740	25 x R	SCM A COARSE	25000	15000	100 Pcs.
	34422743	25 x R	SCM A MEDIUM	25000	15000	100 Pcs.	
	34422746	25 x R	SCM A VERY-FINE	25000	15000	100 Pcs.	
	34580506	38 x R	SCM A COARSE	24000	14500	100 Pcs.	
	34580509	38 x R	SCM A MEDIUM	24000	14500	100 Pcs.	
	34580581	38 x R	SCM A VERY-FINE	24000	14500	100 Pcs.	
	112543	50 x R	SCM A COARSE	24000	14500	50 Pcs.	
	112546	50 x R	SCM A MEDIUM	24000	14500	50 Pcs.	
	112550	50 x R	SCM A VERY-FINE	24000	14500	50 Pcs.	
	112589	50 x S	SCM A COARSE	24000	14500	50 Pcs.	
	112590	50 x S	SCM A MEDIUM	24000	14500	50 Pcs.	
	112591	50 x S	SCM A VERY-FINE	24000	14500	50 Pcs.	
	34072700	75 x R	SCM A EX. COARSE	20000	13000	25 Pcs.	
	112551	75 x R	SCM A COARSE	20000	13000	25 Pcs.	
	34072701	75 x R	SCM A EX. MEDIUM	20000	13000	25 Pcs.	
	112581	75 x R	SCM A MEDIUM	20000	13000	25 Pcs.	
	112588	75 x R	SCM A VERY-FINE	20000	13000	25 Pcs.	



PREMIUM back up pads

for SCM discs





Application

- + For using SCM discs on angle grinders (M14 mounting)
- + SCM back up pads available with or without centre hole mounting

Advantage

- + Back up pads with centre hole mountings for self-centring fitting of the disc on the back up pad

Shape		Type number	Dimension	Mounting	Specification	Max RPM	PU
 	PAD	34050524	115 x 22	M14	SCM MEDIUM	13000	1 Pcs.
		34050525	125 x 22	M14	SCM MEDIUM	12000	1 Pcs.
		34566897	150	M14	SCM MEDIUM	10000	1 Pcs.
		34050509	178	M14	SCM MEDIUM	8500	1 Pcs.





PREMIUM accessories

for Quick-Change discs



Application

- + Accessory for fitting the Quick-Change adapters on an angle grinder

Shape	Type number	Specification	Mounting	Max RPM	PU
 	PADQDISC	34214177	ADAPTER	22000	1 Pcs.




PREMIUM accessories
for Quick-Change discs



Application

+ Accessories for discs in Quick-Change design for the mini angle grinder

Shape		Type number	Dimension	Mounting	Specification	Max RPM	PU
	PADQDISC	34598666	25 - R-6 - 40		MEDIUM-H	30000	1 Pcs.
		34598668	25 - S-6 - 40		MEDIUM-H	30000	1 Pcs.
		34598667	38 - R-6 - 40		MEDIUM-H	25000	1 Pcs.
		34598670	38 - S-6 - 40		MEDIUM-H	25000	1 Pcs.
		34472191	50 - R-6 - 40		HARD	25000	1 Pcs.

Non-Woven Abrasives - Rough Cleaning Strip-It



PREMIUM rough cleaning wheels Strip-It on fibre backing
for universal use



Application

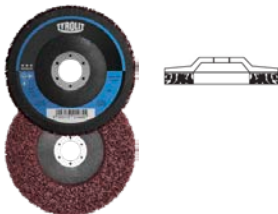
- + For removing rust, paint and lacquer or for preparing surfaces for welding, soldering or anodising.

We recommend

- + Design S COARSE (black) for fine work on surfaces
- + Design A EX. COARSE (red) for increased aggressiveness and use on edges
- + Design S EX. COARSE SOFT (brown) for maximum flexibility and reduced vibrations
- + Other common dimensions are available on request

Advantage

- + Flexible nylon fibres enriched with an aggressive abrasive grain for universal use and best results
- + Design prevents smearing and clogging of the wheel
- + Low generation of heat thanks to open structure

Shape		Type number	Dimension	Specification	Max RPM	Rec. RPM	PU
	28VL	898014	115 x 22,2	GR S COARSE	11000	8600	10 Pcs.
		34547536	125 x 22,2	GR A EX. COARSE R	9800	7800	10 Pcs.
		898017	125 x 22,2	GR S COARSE	9800	7800	10 Pcs.
		34591280	178 x 22,2	GR A EX. COARSE R	7000	6600	10 Pcs.
		898018	178 x 22,2	GR S COARSE	7000	6600	10 Pcs.



PREMIUM rough cleaning wheels Strip-It Quick-Change

for universal use



Application



- + For removing rust, paint, lacquer and underbody sealant with the mini angle grinder

We recommend

- + Design S COARSE (black) for fine work on surfaces
- + Design A EX. COARSE (red) for increased aggressiveness and use on edges
- + Design S EX. COARSE SOFT (brown) for maximum flexibility and reduced vibrations
- + Other common dimensions are available on request

Advantage

- + Quiet and fatigue-free grinding with low generation of heat
- + Texture enriched with nylon fibres ensures aggressive grinding
- + No smearing or clogging of the wheel
- + No components that pose a risk of corrosion

Shape		Type number	Dimension	Specification	Max RPM	Rec. RPM	PU
 	QDISC-VL	34543214	50 x R	GR A EX. COARSE R	10500	6300	10 Pcs.
		112602	50 x R	GR S COARSE	10500	6300	10 Pcs.
		34683608	51 x R	GR S EX. COARSE SOFT	10500	6300	10 Pcs.
		34547534	75 x R	GR A EX. COARSE R	7000	4200	10 Pcs.
		112603	75 x R	GR S COARSE	7000	4200	10 Pcs.
		34683609	76 x R	GR S EX. COARSE SOFT	7000	4200	10 Pcs.





PREMIUM accessories

for Quick-Change discs



Application

- + Accessory for fitting the Quick-Change adapters on an angle grinder

Shape	Type number	Specification	Mounting	Max RPM	PU
 	PADQDISC	34214177	ADAPTER	22000	1 Pcs.



PREMIUM accessories

for Quick-Change discs



Application

- + Accessories for discs in Quick-Change design for the mini angle grinder

Shape	Type number	Dimension	Mounting	Specification	Max RPM	PU
	PADQDISC	34598666	25 - R-6 - 40	MEDIUM-H	30000	1 Pcs.
		34598668	25 - S-6 - 40	MEDIUM-H	30000	1 Pcs.
		34598667	38 - R-6 - 40	MEDIUM-H	25000	1 Pcs.
		34598670	38 - S-6 - 40	MEDIUM-H	25000	1 Pcs.
		34472191	50 - R-6 - 40	HARD	25000	1 Pcs.



PREMIUM rough cleaning wheels Strip-It with shaft

for universal use



Application


- + For removing rust, paint and lacquer or for preparing surfaces for welding, soldering or anodising.

We recommend

- + Design S COARSE (black) for fine work on surfaces
- + Design A EX. COARSE (red) for increased aggressiveness and use on edges
- + Design S EX. COARSE SOFT (brown) for maximum flexibility and reduced vibrations
- + Use of an adjustable straight grinder
- + Other common dimensions are available on request

Advantage

- + Flexible nylon fibres enriched with aggressive abrasive grain for universal applications
- + Design prevents smearing and clogging of the wheel
- + Low generation of heat

Shape	Type number	Dimension	Specification	Max RPM	Rec. RPM	PU	
	52VL	34547537	76 x 13 - 6 x 40	GR S EX. COARSE	10500	8000	10 Pcs.
		34683673	76 x 13 - 6 x 40	GR S EX. COARSE SOFT	10500	8000	10 Pcs.
		34529894	76 x 13 - 6 x 40	GR S COARSE	10500	8000	10 Pcs.
		34541708	100 x 13 - 6 x 40	GR A EX. COARSE	8000	6000	10 Pcs.
		34683605	100 x 13 - 6 x 40	GR S EX. COARSE SOFT	8000	6000	10 Pcs.
		34529891	100 x 13 - 6 x 40	GR S COARSE	8000	6000	10 Pcs.
		34683674	150 x 13 - 8 x 40	GR S EX. COARSE SOFT	5350	4100	10 Pcs.
		34529893	150 x 13 - 8 x 40	GR S COARSE	5350	4100	10 Pcs.

Non-Woven Abrasives - Compact discs



PREMIUM Quick-Change unitised compact wheels

for universal use



Application



- + For deburring, cleaning, fading, finishing and grinding welding seams on all materials

We recommend

- + 2/3 S FINE for deburring and polishing
- + 2 A MEDIUM for deburring, polishing and for transitions
- + 6 S FINE / 6 A MEDIUM for deburring, rounding sharp edges and for transitions
- + 8 A COARSE for deburring, rounding sharp edges and for transitions with increased abrasiveness
- + Other common dimensions are available on request

Advantage

- + Compact deburring tools are perfect for grinding hard-to-reach places and edges
- + Cool grinding and low clogging of the wheel guarantee maximum lifetime
- + Soft wheel surface maintains the surface geometry of the workpiece

Shape	Type number	Dimension	Specification	Max RPM	Rec. RPM	PU	
 	QDISC-VL	34190134	51 x 6,4 x R	UW 8 A COARSE	22000	13000	10 Pcs.
	34190106	51 x 6,4 x R	UW 2 A MEDIUM	22000	13000	10 Pcs.	
	34190110	51 x 6,4 x R	UW 6 A MEDIUM	22000	13000	10 Pcs.	
	34190107	51 x 6,4 x R	UW 2 S FINE	22000	13000	10 Pcs.	
	34190108	51 x 6,4 x R	UW 3 S FINE	22000	13000	10 Pcs.	
	34190133	51 x 6,4 x R	UW 6 S FINE	22000	13000	10 Pcs.	
	34190135	76 x 6,4 x R	UW 2 A MEDIUM	15000	9000	10 Pcs.	
	34190139	76 x 6,4 x R	UW 6 A MEDIUM	15000	9000	10 Pcs.	
	34190137	76 x 6,4 x R	UW 2 S FINE	15000	9000	10 Pcs.	
	34190138	76 x 6,4 x R	UW 3 S FINE	15000	9000	10 Pcs.	
34190140	76 x 6,4 x R	UW 6 S FINE	15000	9000	10 Pcs.		





PREMIUM accessories

for Quick-Change discs



Application

+ Accessory for fitting the Quick-Change adapters on an angle grinder

Shape		Type number	Specification	Mounting	Max RPM	PU	
		PADQDISC	34214177	ADAPTER	R x M14	22000	1 Pcs.




PREMIUM accessories

for Quick-Change discs



Application

+ Accessories for discs in Quick-Change design for the mini angle grinder

Shape		Type number	Dimension	Mounting	Specification	Max RPM	PU
	PADQDISC	34598666	25 - R-6 - 40	R-6 × 40	MEDIUM-H	30000	1 Pcs.
		34598668	25 - S-6 - 40	S-6 × 40	MEDIUM-H	30000	1 Pcs.
		34598667	38 - R-6 - 40	R-6 × 40	MEDIUM-H	25000	1 Pcs.
		34598670	38 - S-6 - 40	S-6 × 40	MEDIUM-H	25000	1 Pcs.
		34472191	50 - R-6 - 40	R-6 × 40	HARD	25000	1 Pcs.

Non-Woven Abrasives - Non-Woven Rolls and Handpads



PREMIUM fleece rolls for universal use



Application


- + For cleaning and grinding surfaces using an orbital sander or by hand

We recommend

- + A COARSE / A MEDIUM for cleaning welding seams, removing rust and coatings as well as for light deburring
- + A FINE for grinding lacquer and paint, for cleaning machine components and for finishing
- + A VERY FINE / A ULTRA FINE for finishing any kind of workpiece
- + A GP – GREEN for fast all-round cleaning and finishing
- + Other common dimensions are available on request

Advantage

- + Maximum lifetime thanks to 100% impregnation - grain is thus also located inside the abrasive fabric
- + Various specifications enable the cleaning of welding seams all the way up to polishing of surfaces
- + Very flexible design – fabric adapts perfectly to the surfaces

Shape	Type number	Dimension	Specification	PU	
	ROLL-VL	120682	100 x 10	A GP-GREEN	1 Pcs.
		120653	100 x 10	A COARSE	1 Pcs.
		120667	100 x 10	A MEDIUM	1 Pcs.
		120671	100 x 10	A FINE	1 Pcs.
		120674	100 x 10	A VERY-FINE	1 Pcs.
		34598336	100 x 10	S VERY-FINE	1 Pcs.
		120676	100 x 10	C ULTRA FINE	1 Pcs.
		120716	115 x 10	A GP-GREEN	1 Pcs.
		120688	115 x 10	A COARSE	1 Pcs.
		120689	115 x 10	A MEDIUM	1 Pcs.
		120693	115 x 10	A FINE	1 Pcs.
		120694	115 x 10	A VERY-FINE	1 Pcs.
		34598337	115 x 10	S VERY-FINE	1 Pcs.
		120700	115 x 10	C ULTRA FINE	1 Pcs.
		34598356	120 x 10	A GP-GREEN	1 Pcs.
		34598338	120 x 10	A MEDIUM	1 Pcs.
		34598339	120 x 10	A FINE	1 Pcs.
		34598340	120 x 10	A VERY-FINE	1 Pcs.
		34598353	120 x 10	S VERY-FINE	1 Pcs.
		34516831	150 x 10	A GP-GREEN	1 Pcs.
		34516749	150 x 10	A FINE	1 Pcs.
		34516750	150 x 10	A VERY-FINE	1 Pcs.

Non-Woven Abrasives - Non-Woven Mounted Flap Wheels



PREMIUM fleece flap wheels spindle mounted

for steel, stainless steel and nonferrous metals



Application


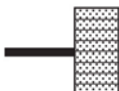
- + For finishing steel, stainless steel and nonferrous metals

We recommend

- + Fleece flap wheels spindle mounted with coated abrasive (VL-C) for increased stock removal
- + Fleece flap wheels spindle mounted without coated abrasive for fine work
- + Use on adjustable straight grinders
- + Other common dimensions are available on request

Advantage

- + Variety of grit sizes enables different surface roughnesses to be achieved
- + Perfect for grinding hard-to-reach places
- + Longest lifetime
- + Material grinding without altering the surface integrity

Shape	Type number	Dimension	Specification	Max RPM	Rec. RPM	PU
 52LA VL	908708	40 x 20	A MEDIUM	17100	10200	10 Pcs.
	908712	40 x 20	A FINE	17100	10200	10 Pcs.
	388126	40 x 20	A VERY-FINE	17100	10200	10 Pcs.
	34557432	40 x 20	S ULTRA FINE	17100	10200	10 Pcs.
	570485	60 x 30	A COARSE	11500	6900	10 Pcs.
	908784	60 x 30	A MEDIUM	11500	6900	10 Pcs.
	908794	60 x 30	A FINE	11500	6900	10 Pcs.
	908795	60 x 30	A VERY-FINE	11500	6900	10 Pcs.
	34557450	60 x 30	S ULTRA FINE	11500	6900	10 Pcs.
	908862	80 x 50	A COARSE	8600	5200	10 Pcs.
	908711	80 x 50	A MEDIUM	8600	5200	10 Pcs.
	908717	80 x 50	A FINE	8600	5200	10 Pcs.
	908796	80 x 50	A VERY-FINE	8600	5200	10 Pcs.
	34557469	80 x 50	S ULTRA FINE	8600	5200	10 Pcs.
	136100	100 x 50	A COARSE	6900	4200	5 Pcs.
	136106	100 x 50	A FINE	6900	4200	5 Pcs.
	34591380	100 x 50	A VERY-FINE	6900	4200	5 Pcs.
 52LA VL-C	34557480	40 x 20	A MEDIUM C X 60	17100	10200	10 Pcs.
	34557479	40 x 20	A MEDIUM C X 80	17100	10200	10 Pcs.
	34557481	40 x 20	A FINE C X 100	17100	10200	10 Pcs.
	908779	40 x 20	A FINE C X 150	17100	10200	10 Pcs.
	34557500	60 x 30	A MEDIUM C X 60	11500	6900	10 Pcs.
	34557501	60 x 30	A FINE C X 100	11500	6900	10 Pcs.

Shape	Type number	Dimension	Specification	Max RPM	Rec. RPM	PU
	34557502	60 x 30	A FINE C X 150	11500	6900	10 Pcs.
	34054655	60 x 50	A MEDIUM C X 80	11500	6900	10 Pcs.
	34557509	60 x 50	A FINE C X 100	11500	6900	10 Pcs.
	34054658	60 x 50	A FINE C X 150	11500	6900	10 Pcs.
	34557522	80 x 50	A MEDIUM C X 60	8600	5200	10 Pcs.
	910864	80 x 50	A MEDIUM C X 80	8600	5200	10 Pcs.
	34557523	80 x 50	A FINE C X 100	8600	5200	10 Pcs.
	910853	80 x 50	A FINE C X 150	8600	5200	10 Pcs.
	34557524	80 x 50	S FINE C X 240	8600	5200	10 Pcs.
	34557530	100 x 50	A MEDIUM C X 60	6900	4200	5 Pcs.
	34557531	100 x 50	A FINE C X 100	6900	4200	5 Pcs.
	908826	100 x 50	A FINE C X 150	6900	4200	5 Pcs.

Polishing - Polishing



PREMIUM CONDITIONING flap discs

for steel, stainless steel and nonferrous metals



Application


- + For removing the final scratches in preparation for polishing

We recommend

- + 115mm - 4 000 U/min 125mm - 3 600 U/min

Advantage

- + No discolouration thanks to low thermal load (heat build-up)
- + Three-dimensional flap design eliminates clogging of the disc

Shape	Type number	Dimension	Specification	Max RPM	PU	
	28A	742155	115 x 22,2	COARSE	12000	5 Pcs.
		742157	115 x 22,2	MEDIUM	12000	5 Pcs.
		742158	115 x 22,2	VERY-FINE	12000	5 Pcs.
		742148	125 x 22,2	COARSE	11000	5 Pcs.
		742153	125 x 22,2	MEDIUM	11000	5 Pcs.
		742154	125 x 22,2	VERY-FINE	11000	5 Pcs.



PREMIUM Unitised PRE-POLISH discs

for steel, stainless steel and nonferrous metals



Application


- + For preparing the surface for polishing

We recommend

- + 115mm - 3 500 U/min 125mm - 3 000 U/min

Advantage

- + Several layers of abrasive fabric for maximum lifetime and sturdiness
- + Can additionally be used for smaller deburring tasks
- + Specially developed to achieve the best results even on non-adjustable angle grinders

Shape	Type number	Dimension	Specification	PU	
	28VL	742381	115 x 22,2	UW 2 S FINE	10 Pcs.
		742380	115 x 22,2	UW 3 S FINE	10 Pcs.
		742379	115 x 22,2	UW 6 A MEDIUM	10 Pcs.
		34529814	115 x 22,2	UW 8 A COARSE	10 Pcs.
		34529815	125 x 22,2	UW 2 A MEDIUM	10 Pcs.
		742385	125 x 22,2	UW 2 S FINE	10 Pcs.
		742384	125 x 22,2	UW 3 S FINE	10 Pcs.
		742382	125 x 22,2	UW 6 A MEDIUM	10 Pcs.
		34529817	125 x 22,2	UW 8 A COARSE	10 Pcs.



PREMIUM POLISH discs

for universal use



Application



- + For polishing various materials

We recommend

- + Use in combination with Tyrolit grinding paste for a perfect mirror finish
- + Note maximum speed
- + 115mm - 1 800 U/min 125mm - 1 500 U/min

Advantage

- + Optimum heat distribution and cool grinding thanks to highly flexible flaps
- + Cool grinding prevents unwanted discolouration
- + Specially developed to achieve the best results on adjustable angle grinders

Shape		Type number	Dimension	Specification	Max RPM	PU	
		28PWA	742378	115 x 22,23	SHF	9200	3 Pcs.
			742375	125 x 22,23	SHF	7700	3 Pcs.



PREMIUM polishing program set

for steel, stainless steel and nonferrous metals

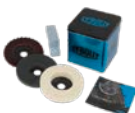


Application

- + Three steps to a mirror finish - Inclusive polishing pastes for enhancing polishing of steel, stainless steel and nonferrous metals
- + Set (21262 - 115mm): 742157 Medium (Conditioning) | 742380 Fein-P (Pre-Polish) | 742378 SHF (Polish) | 741291 S-Polish (Polish Paste)
- + Set (52433 - 125mm): 742153 Medium (Conditioning) | 742384 Fein-P (Pre-Polish) | 742375 SHF (Polish) | 741291 S-Polish (Polish-Paste)

Advantage

- + Step 1 - PREMIUM CONDITIONING discs: Removing coarse scratches – the three-dimensional flap design eliminates clogging of the disc
- + Step 2 – PREMIUM PRE-POLISH discs: Preparing for polishing – the disc adapts to the surface, providing the perfect basis for polishing
- + Step 3 – PREMIUM POLISH discs: Polishing for a perfect mirror finish – different grinding pastes enable different materials to be ground

Shape	Type number	Dimension	PU	
	MSET	21262	115 x 105 x 22,23	1 Pcs.
		52433	125 x 105 x 22,23	1 Pcs.



PREMIUM polishing pastes
for steel, stainless steel and nonferrous metals



Application


- + For enhancing polishing of steel, stainless steel and nonferrous metals

We recommend

- + POLISH – for a high-gloss pre-polish
- + S-POLISH – for a high-gloss polish
- + POLISH-NE – special polish for nonferrous metals

Advantage

- + Perfect mirror finish in combination with POLISH discs
- + Universal use
- + Appropriate application options

Shape	Type number	Dimension	Specification	PU	
	90PP	741347	60 x 45 x 160	POLISH	1 Pcs.
		741348	60 x 45 x 160	POLISH-NE	1 Pcs.
		741349	60 x 45 x 160	S-POLISH	1 Pcs.

Composites

A key factor in modern ship and boat building clearly is the adoption of new materials, particularly composites, which enable the construction of lighter yet durable vessels. While these materials offer many advantages, processing them efficiently and sustainably requires specific expertise and highly specialised machines. The new TYROLIT POWER range supports every conceivable application, equipping you with the most innovative tools and machines to elevate your processes. From surface activation to grinding and cutting to drilling, this portfolio offers comfortable and highly efficient solutions for the nautical sector.





Unmatched performance and comfort with TYROLIT POWER

YOUR ADVANTAGES

- + Healthier working:**
Less vibrations and dust support healthier and safer processes. The surface sander also supports an upright posture, which enables ergonomic working.
- + Exceptional efficiency:**
By shortening the machining time and extending tool lifetimes, the daily production rate is significantly increased.
- + Flexibility:**
The strips adapt perfectly to uneven or rounded composite parts of the boat because of their flexibility – inside and outside.
- + Perfect results:**
Flawless surfaces are guaranteed thanks to consistent grinding pressure.

Tyrolit Stories

Sailing at the top: Tyrolit and Team Moonshine

Hardly any other sport combines the values of innovation, precision, cutting-edge technology and environmental friendliness as much as sailing. Tyrolit has entered a cooperation with the Italian sailing team Moonshine to support them in competitions and actively shape the sport of sailing.

Composite parts for winning sailboats

Composite materials play a key role in the construction of modern high-performance sailing boats, as they make them faster, more maneuverable and more efficient. The demanding and dynamic sport impressively demonstrates how the combination of human skill and technological innovation pushes the boundaries of what is possible while promoting the responsible use of natural resources. The collaboration shows that both companies work according to similar values – a clear focus on cutting-edge technology combined with environmental awareness.

With the TYROLIT POWER range, Tyrolit is the perfect partner for boat manufacturers to increase production and take processes to a new level with innovative solutions. The extensive portfolio has been continuously expanded in recent years and now includes products for a wide range of applications on composites – from cutting, grinding, drilling and milling to activating surfaces with the innovative TYROLIT POWER strips. The latter, in particular, have already proven themselves to customers worldwide in the efficient and, above all, ergonomic machining of surfaces on ship hulls.



Progress through sustainability

Importantly, the Moonshine project is deeply committed to sustainability, which aligns with Tyrolit's initiatives to promote environmentally friendly practices. Recent victories not only signify the beginning of a promising collaboration between Moonshine and Tyrolit but also highlight the shared commitment to sustainability.



Health, Safety and Quality



Ergonomics:

With traditional dual action sanders, the working posture leads to repetitive strain injuries as users must bend over or even sand while kneeling. In contrast, the TYROLIT POWER surface sander helps you maintain an ergonomically friendly position and therefore is very gentle on the joints of the user, which will result in less fatigue, pain and frustration.



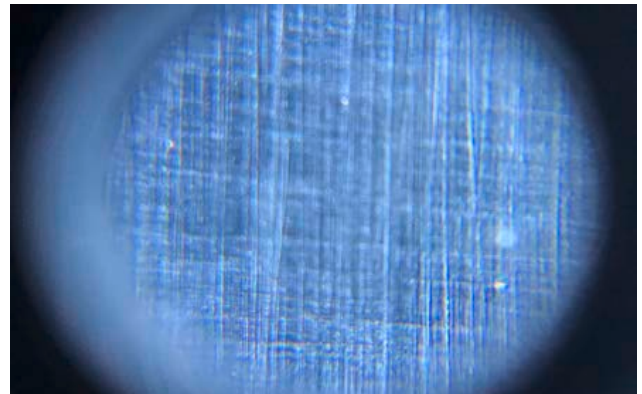
Dust generation:

The dust generation when working with composites is often substantial and can lead to health issues for the operator as well as contaminate the environment. The TYROLIT POWER system is designed to activate the surface by removing as little material as possible, resulting in a significant reduction of dust. The residuals are easily removable with our specially designed equipment.



Vibrations:

Due to the high vibrations caused by conventional machines, long-time users could experience serious health issues such as "Vibration white finger" which is triggered by continuous use of vibrating handheld machines. In more and more countries the allowed daily use is reduced to one and a half to two hours. Thanks to the innovative design of the TYROLIT POWER sanding system, the vibration level has been decreased significantly, allowing users to work with it for a full day.



Surface results:

Scratches with traditional dual action sanders vary and the risk of sanding through the material is ever-present. Our innovative TYROLIT POWER strips produce perfectly uniform grinding patterns and homogenous scratches. The system consequently minimises surface flaws and notably increases process safety. Thereby, the risk of sanding through is reduced vastly, no changes in geometry are created and minimal stock is removed.

Surface Conditioning



TYROLIT POWER handheld machine

for machining hard surfaces

+ Vibration-free working:
With vibrations lowered to a minimum, TYROLIT POWER reduces the risk of vibration white finger syndrome.

+ Maximum cost efficiency:
Achieve results up to 4-5 times faster and with up to 75% less working effort.



+ Process safety:
Thanks to the diamond coating and the even pressure applied to the surface, a perfectly uniform finish is achieved. With the support from the natural fibre brushes, sand-through is prevented particularly on carbon fibre and in composite edges/corners.

+ Reduced dust:
The generation of dust is significantly lowered through high cutting ability, tool quality and specific safety measures like the new cover for our handheld machinery.



TYROLIT POWER offers an innovative solution for sanding hard surfaces. By using our handheld machine instead of conventional sanders, users reduce their costs while increasing the productivity significantly.

Thanks to improved dust removal and minimal vibrations, the process of sanding is made as health friendly as possible. By shortening the machining time by up to 4-5 times and reducing bottle necks, daily

production is significantly increased. TYROLIT POWER handheld machines are available for wet and dry use.

TYROLIT POWER handheld machine for sanding hard surfaces



Shape	Type no.	Dimension	Content	PU
	34647441	45 x 100	TPHE Handheld electric machine (240V) Half guard 3D Black core: 34325250 3D Black guard: 34325248 Handle (100mm): 34269603 Suction: 34290535	1
	34300791	45 x 100	TPHP Handheld pneumatic machine Half guard 3D Black core: 34325250 3D Black guard: 34325248 Handle (100mm): 34269603 Suction: 34290535	1

TYROLIT POWER D101 FINISH strips

for fibre glass, carbon fibre, composites and coatings

PATENTED

+ Perfect surface finish:

Due to the combination of diamond coating and the even pressure applied to the surface through the device, a perfectly uniform finish is achieved.

+ Safer use:

With vibrations lowered to a minimum, TYROLIT POWER reduces the risk of vibration white finger syndrome.



+ Maximum lifetime:

Thanks to the diamond-coated net backing, TYROLIT POWER strips provide an outstanding lifetime.

+ Process safety:

Through the evenly distributed pressure, sanding through is kept at a minimum and reworking is heavily decreased.

TYROLIT POWER D101 FINISH strips are produced with a diamond coated net backing. The specially developed backing prevents the strips from clogging and increases the lifetime of the tool on hard surfaces substantially. Its stabilization

is achieved by natural-fibre brushes which keep static electricity at a minimum and enable improved dust removal. The diamond coating ensures a maximum lifetime and a uniform finish. TYROLIT POWER D101 FINISH strips are especially

developed for matting or preparing very hard surfaces for further treatment. The strips are applied with low to medium pressure and create a high-quality surface finish with no noticeable stock removal.

TYROLIT POWER D101 FINISH strips

for fibre glass, carbon fibre, composites and coatings



Shape	Type no.	Dimension	Grain	Colour	Max. RPM	Rec. RPM	PU
	34243919	45 × 100	80	RED	800	400 – 500	100
	34243920	45 × 100	120	BLUE	800	400 – 500	100
	34241218	45 × 100	180	BLACK	800	400 – 500	100
	34243951	45 × 100	240	GREEN	800	400 – 500	100
	34243952	45 × 100	320	GREY	800	400 – 500	100
	34241588	45 × 100	500	BROWN	800	400 – 500	100
	34290221	45 × 200	80	RED	800	400 – 500	100
	34290222	45 × 200	120	BLUE	800	400 – 500	100
	34254310	45 × 200	180	BLACK	800	400 – 500	100
	34290223	45 × 200	240	GREEN	800	400 – 500	100
	34290224	45 × 200	320	GREY	800	400 – 500	100
	34290225	45 × 200	500	BROWN	800	400 – 500	100

TYROLIT POWER D101 PLUS strips

for fibre glass, carbon fibre, composites and coatings

PATENTED

+ Perfect surface finish:

Due to the combination of diamond coating and the even pressure applied to the surface through the device, a perfectly uniform finish is achieved.

+ Maximum lifetime:

Thanks to the diamond-coated net backing, and an additional cloth support between the brushes and abrasives, TYROLIT POWER strips provide an outstanding lifetime.

+ Safer use:

With vibrations lowered to a minimum, TYROLIT POWER reduces the risk of vibration white finger syndrome.

+ Process safety:

Through the evenly distributed pressure, sanding through is kept at a minimum and reworking is heavily decreased.



Compared to the D101 FINISH strips, the D101 PLUS version has an additional layer of support cloth to give further stability. TYROLIT POWER strips are made from a diamond coated net backing. The specially developed coating prevents the strips from clogging and

dramatically increases the lifetime on hard surfaces. The backing is stabilised by natural-fibre brushes which keep static electricity at a minimum and therefore enable improved dust removal. Thanks to the diamond coating, maximum lifetime and a uniform finish are

guaranteed. TYROLIT POWER D101 PLUS strips are specially developed for matting or preparing very hard surfaces for further treatment. The strips are applied with low to medium pressure and create a high-quality surface finish with no noticeable stock removal.

TYROLIT POWER D101 PLUS strips

for fibre glass, carbon fibre, composites and coatings



Shape	Type no.	Dimension	Grain	Colour	Max. RPM	Rec. RPM	PU
	34443746	45 x 100	80	RED	800	400 – 500	80
	34443747	45 x 100	120	BLUE	800	400 – 500	100
	34443748	45 x 100	180	BLACK	800	400 – 500	100
	34443751	45 x 100	240	GREEN	800	400 – 500	100
	34443753	45 x 100	320	GREY	800	400 – 500	80
	34443756	45 x 100	500	BROWN	800	400 – 500	80

TYROLIT POWER D105 REMOVAL strips

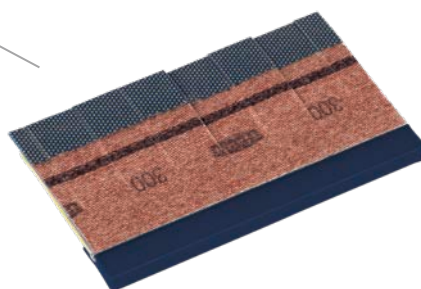
for fibre glass, carbon fibre, composites and coatings

+ Uniform surface finish:

Due to the combination of electroplated diamonds concentrated at the end of the strip and evenly applied pressure to the surface a uniform finish is achieved.

+ Safer use:

With vibrations lowered to a minimum, TYROLIT POWER reduces the risk of vibration white finger syndrome.



+ Maximum lifetime:

Thanks to the concentration of electroplated diamonds and the stiff support, TYROLIT POWER D105 strips provide fast and aggressive sanding with an outstanding lifetime.

D105 REMOVAL strips are made with electroplated diamonds on a polyurethane backing. The high concentration of diamonds combined with the positioning on the top of the strip results in an extremely long lifetime. The stiff

backing is in addition supported by natural-fibre brushes which keep static electricity at a minimum and enable improved dust removal.

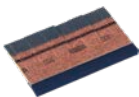

TYROLIT POWER REMOVAL D105 strips are especially developed for

matting very hard surfaces for further treatment. The strips provide for a rougher finish with some stock removal. The REMOVAL D105 strips are available with and without slits for better results on uneven surfaces.

TYROLIT POWER D105 REMOVAL strips

for fibre glass, carbon fibre, composites and coatings



Shape	Type no.	Dimension	Slits	Grain	Max. RPM	PU
 	34442889	45 × 100	15	40	2000	20
	34430408	45 × 100	15	60	2000	20
	34430409	45 × 100	15	80	2000	20
	34430410	45 × 100	15	120	2000	20
	34430411	45 × 100	15	200	2000	20
	34430413	45 × 100	15	300	2000	20
	34442961	45 × 100	15	400	2000	80
	34443780	45 × 100	15	40	2000	400
	34443831	45 × 100	15	60	2000	100
	34443832	45 × 100	15	80	2000	100
	34443833	45 × 100	15	120	2000	100
	34443815	45 × 100	15	200	2000	100
	34443816	45 × 100	15	300	2000	400
	34443817	45 × 100	15	400	2000	400

PATENT
PENDING

TYROLIT POWER LEVELLING strips

for fibre glass, carbon fibre, gel coat, epoxy resin, coating and composites



TYROLIT POWER LEVELLING strips consist of a polyester backing and are coated with a layer of high-quality silicon carbide. This makes the strips perfect for applications involving large-scale removal of composites, gel coat, epoxy resin, fillers and other coatings. A felt layer between the polyester backing and the silicon carbide layer is both shock-absorbing

and pressure resistant. TYROLIT POWER LEVELLING strips are available in both 19 × 100 mm and 19 × 265 mm measurements, and in grit sizes 36, 40, 60, 80 and 120.

Shape	Type no.	Dimension	Grain	Max. RPM	PU
	34549178	19 × 100	36	2000	15
	34549192	19 × 100	40	2000	15
	34549193	19 × 100	60	2000	15
	34549194	19 × 100	80	2000	15
	34573174	19 × 100	120	2000	15

TYROLIT POWER C-P65 Z strips

for fibre glass, carbon fibre, gel coat, epoxy resin, coating and composites



The C-P65 Z strips are made of silicon carbide on a very stiff polyester backing. Because of the durable support, the strips are perfectly suited for fast and high stock removal applications on any composite surface. The stiff backing is in addition supported by natural-fibre brushes which keep

static electricity at a minimum and enable improved dust removal.

Shape	Type no.	Dimension	Grain	Max. RPM	PU
	34556331	45 × 100	24	2000	20
	34494908	45 × 100	36	2000	20

TYROLIT Power accessory

spiral core



TYROLIT POWER handheld machine cores are available for 100 mm and 200 mm strips.


Shape	Type no.	Dimension	Max. RPM	Slots	Comment	Keyways	PU
	34229443	80 × 66 × 100	2000	Spiral	Standard	20	1
	34255902	80 × 66 × 200	2000	Spiral	Standard	20	1
	34680437	80 × 66 × 100	2000	Spiral	3D Light version	20	1
	34549025	80 × 60 × 100	2000	Straight*	3D Light version	15	1

* for LEVELLING strips

TYROLIT POWER accessory guard




The protection guard shields operators from dust and flying debris.

	Type no.	Dimension	Type	Comment	PU
	34261198	155 × 120	Plexiglass		1
	34261199	155 × 233	Plexiglass		1
	34680438	198 × 111	3D Half guard	Light version	1

TYROLIT POWER accessory handle




The handle improves control for higher comfort and grip during the machining process.

	Type no.	Dimension	Comment	PU
	34269603	45 × 100	For 100 mm	1
	34269604	45 × 200	For 200 mm	1

TYROLIT POWER accessories dust extraction hose, screws and rubber ring



For replacing the dust extraction hose, screws for 3D half guard 34325248 and rubber ring for core 34229443.

	Type no.	Dimension	Comment	PU
	34290535	32 × 38 × 1200	Dust extraction hose	1
	34290537	80 × 66	Rubber ring	1
	34290538	M5 × 10	Screws	1

TYROLIT POWER surface sander

for machining hard surfaces

+ Safer working:

By using the TYROLIT POWER surface sander instead of conventional dual action sanders the risk of vibration white finger is reduced drastically.

+ Perfect surface finish:

Due to the combination of diamond coatings and the even pressure applied to the surface through the device a perfectly uniform finish is achieved and only little rework has to be done.



+ High efficiency:

Up to 10 times faster than traditional orbital sanders and reducing manpower by up to 80 %.

+ Ergonomically friendly:

The TYROLIT POWER surface sander eliminates the need to bend over or sand while kneeling down. This makes it the most ergonomically friendly product on the market.



The TYROLIT POWER surface sander is the perfect solution for sanding large areas of hard surfaces. TYROLIT POWER replaces the need to use conventional sanders by dramatically reducing sanding times

of up to a factor of 10. Furthermore, the TYROLIT POWER surface sander was designed to be especially ergonomic to ensure high comfort even after several hours of working.

This means increasing daily production and health of the operator while minimising costs. TYROLIT POWER machines are available for wet and dry use.


TYROLIT POWER surface sander for machining hard surfaces



Shape		Type no.	Dimension	Comment	PU
		34647454	45 x 265	Without support wheels and weight block	1

TYROLIT POWER support wheels* for the surface sander**




	Type no.	PU
	34647455	1
	<p>The TYROLIT POWER support wheels offer exact guidance of the machine during the sanding process and guarantee vibration-free workflows. Due to the variable height adjustment the calibration of the contact pressure is facilitated depending on the application. The load reduction on the strips leads to an increased lifetime of the tools.</p>	

* consists of a set of two wheels

** suitable for 34647454

TYROLIT POWER weight block for the surface sander**



	Type no.	Dimension	PU
	34647439	350 × 160	1
	An additional adjustment of the contact pressure with the TYROLIT POWER weight block (4.3kg) for the surface sander leads to further vibration reduction. In combination with the support wheels, an optimised sanding performance can be reached.		

** suitable for 34647454


PATENTED

TYROLIT POWER D101 FINISH strips for fibre glass, carbon fibre, composites and coatings



TYROLIT POWER D101 FINISH strips are produced with a diamond coated net backing. The specially developed backing prevents the strips from clogging and increases the lifetime of the tool on hard surfaces substantially. Its stabilization is achieved by natural-fibre brushes which keep static electricity at a minimum and enable improved dust removal. The diamond

coating ensures a maximum lifetime and a uniform finish. TYROLIT POWER D101 FINISH strips are especially developed for matting or preparing very hard surfaces for further treatment. The strips are applied with low to medium pressure and create a high-quality surface finish with no noticeable stock removal.

Shape	Type no.	Dimension	Grain	Colour	Max. RPM	Rec. RPM	PU
	34309671	45 × 265	80	RED	700	400 – 500	24
	34309673	45 × 265	120	BLUE	700	400 – 500	24
	34309674	45 × 265	180	BLACK	700	400 – 500	24
	34309675	45 × 265	240	GREEN	700	400 – 500	24
	34309676	45 × 265	320	GRAY	700	400 – 500	24
	34309677	45 × 265	500	BROWN	700	400 – 500	24

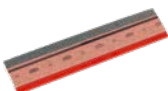
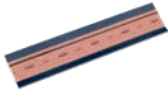
TYROLIT POWER D105 REMOVAL strips

for fibre glass, carbon fibre, composites and coatings



D105 REMOVAL strips are made with electroplated diamonds on a polyurethane backing. The high concentration of diamonds combined with the positioning on the top of the strip results in an extremely long lifetime. The stiff backing is in addition supported by natural-fibre brushes which keep static electricity at a minimum and enable improved dust removal.

TYROLIT POWER REMOVAL D105 strips are especially developed for matting very hard surfaces for further treatment. The strips enable a rougher finish with some stock removal. The REMOVAL D105 strips are available with and without slits for better results on uneven surfaces.

Shape	Type no.	Dimension	Slits	Grain	Max. RPM	PU
	34444200	45 × 265		40	700	24
	34430414	45 × 265		60	700	24
	34430415	45 × 265		80	700	24
	34430416	45 × 265		120	700	24
	34430417	45 × 265		200	700	24
	34430419	45 × 265		300	700	24
	34444236	45 × 265		400	700	24
	34444239	45 × 265	15	40	700	24
	34444259	45 × 265	15	60	700	24
	34444260	45 × 265	15	80	700	24
	34444281	45 × 265	15	120	700	24
	34444282	45 × 265	15	200	700	24
	34444291	45 × 265	15	300	700	24
	34444382	45 × 265	15	400	700	24


TYROLIT POWER C-P65 Z strips

for fibre glass, carbon fibre, composites and coatings



The C-P65 Z strips are made of silicon carbide on a very stiff polyester backing. Because of the durable support, the strips are perfectly suited for fast and high stock removal applications on any composite surface. The stiff backing is in addition supported by natural-fibre brushes which

keep static electricity at a minimum and enable improved dust removal.

Shape	Type no.	Dimension	Grain	Max. RPM	PU
	34556332	45 × 265	24	700	24
	34487838	45 × 265	36	700	24

PATENT
PENDING**TYROLIT POWER LEVELLING strips**

for fibre glass, carbon fibre, gel coat, epoxy resin, coating and composites



TYROLIT POWER LEVELLING strips consist of a polyester backing and are coated with a layer of high-quality silicon carbide. This makes the strips perfect for applications involving large-scale removal of composites, gel coat, epoxy resin, fillers and other coatings. A felt layer between the polyester backing and the silicon carbide layer is both shock-absorbing

and pressure resistant. TYROLIT POWER LEVELLING strips are available in both 19 × 100 mm and 19 × 265 mm measurements, and in grit sizes 36, 40, 60, 80, 120.

Shape	Type no.	Dimension	Grain	Max. RPM	PU
	34556513	19 × 265	36	700	24
	34556514	19 × 265	40	700	24
	34556515	19 × 265	60	700	24
	34556516	19 × 265	80	700	24

TYROLIT POWER spare parts set
for the surface sander

The spare parts set includes the most important parts for the surface sander to reorder.

Type no.	Set	Stock
34396554	Extraction hoses Air quick coupling Brushes Silencer Fittings for silencer Transport wheel Bolts for sanding strips Air hose of 1 meter ø10 mm	●

PATENTED

TYROLIT POWER D101 FINISH strips

for fibre glass, carbon fibre, composites and coatings



TYROLIT POWER D101 FINISH strips are produced with a diamond coated net backing. The specially developed backing prevents the strips from clogging and increases the lifetime of the tool on hard surfaces substantially. Its stabilization is achieved by natural-fibre brushes which keep static electricity at a minimum and enable improved dust removal.

The diamond coating ensures a maximum lifetime and a uniform finish.

TYROLIT POWER D101 FINISH strips are especially developed for matting or preparing very hard surfaces for further treatment. The strips are applied with low to medium pressure and create a high-quality surface finish with no noticeable stock removal.

Shape	Type no.	Dimension	Grain	Colour	Max. RPM	Rec. RPM	PU
	STRIPS 34300378	45 × 800	80	RED	250	100 – 180	112
	34248859	45 × 800	120	BLUE	250	100 – 180	112
	34229418	45 × 800	180	BLACK	250	100 – 180	112
	34297846	45 × 800	240	GREEN	250	100 – 180	112
	34297847	45 × 800	320	GREY	250	100 – 180	112
	34425616	45 × 800	500	BROWN	250	100 – 180	112


PATENTED

TYROLIT POWER D101 PLUS strips
for fibre glass, carbon fibre, composites and coatings



Compared to the D101 FINISH strips, the D101 PLUS version has additional layer of support cloth to give further stability. TYROLIT POWER strips are made from a diamond coated net backing. The specially developed coating prevents the strips from clogging and dramatically increases the lifetime on hard surfaces. The backing is stabilised by natural-fibre brushes which keep static electricity at a minimum and enable improved dust removal. Thanks to the diamond coating, maximum lifetime and a uniform

finish are guaranteed. TYROLIT POWER D101 PLUS strips are especially developed for matting or preparing very hard surfaces for further treatment. The strips are applied with low to medium pressure and create a high-quality surface finish with no noticeable stock removal.

Shape	Type no.	Dimension	Grain	Colour	Max. RPM	Rec. RPM	PU
	34446891	45 x 800	80	RED	250	100 – 180	112
	34446892	45 x 800	120	BLUE	250	100 – 180	112
	34446893	45 x 800	180	BLACK	250	100 – 180	112
	34446894	45 x 800	240	GREEN	250	100 – 180	112
	34446895	45 x 800	320	GRAY	250	100 – 180	112
	34446896	45 x 800	500	BROWN	250	100 – 180	112



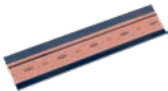

TYROLIT POWER D105 REMOVAL Strips

for fibre glass, carbon fibre, composites and coatings



D105 REMOVAL strips are made with electroplated diamonds on a polyurethane backing. The high concentration of diamonds combined with the positioning on the top of the strip results in an extremely long lifetime. The stiff backing is in addition supported by natural-fibre brushes which keep static electricity at a minimum and enable improved dust removal.

TYROLIT POWER REMOVAL D105 strips are especially developed for matting very hard surfaces for further treatment. The strips provide for a rougher finish with some stock removal. The REMOVAL D105 strips are available with and without slits for better results on uneven surfaces.

Shape	Type no.	Dimension	Slits	Grain	Max. RPM	Rec. RPM	PU
 	34505544	45 × 800	15	40	250	100 – 180	56
	34431726	45 × 800	15	60	250	100 – 180	56
	34431728	45 × 800	15	80	250	100 – 180	56
	34431730	45 × 800	15	120	250	100 – 180	56
	34431741	45 × 800	15	200	250	100 – 180	56
	34431742	45 × 800	15	300	250	100 – 180	56
	34593227	45 × 800	15	400	250	100 – 180	56

TYROLIT POWER support brush

for the semi-automatic sander





Type no.	Dimension	Comment	PU
34479384	18 × 800	Support brush	112
34637081	23 × 800	Support brush	112

TYROLIT POWER core and flanges

for robot sanders



Shape	Type no.	Dimension	Comment	Keyways
 	34434596	280 × 266 × 800	Core and flanges	56
	34560441	280 × 266 × 800	Core and flanges	42

TYROLIT POWER diamond hand pads and velcro discs

for composites



The TYROLIT POWER hand pads and velcro discs are ideal for cleaning, deburring, finishing and grinding the surfaces of composite workpieces. The diamond-coated grinding layer enables a very long lifetime of the

tools, which significantly increases working comfort for the user. The tools have been optimised for dry and wet processing and can therefore be used for all applications.

Type no.	Dimension	Bond	Grain	Backing color	Design	PU
34629486	55 × 100	EP	60	GREEN	D105	5
34629487	55 × 100	EP	120	BLUE	D105	5
34629489	55 × 100	EP	200	RED	D105	5
34629490	55 × 100	EP	400	YELLOW	D105	5
34629491	55 × 100	EP	800	ORANGE	D105	5

EP Electroplated
VB Vacuum brazed

TYROLIT POWER diamond hand pads and velcro discs for composites



	Type no.	Dimension	Bond	Grain	Backing color	Design	PU
	34627249	125 x 22	EP	60	GREEN	D105	10
	34627250	125 x 22	EP	80	BROWN	D105	10
	34627331	125 x 22	EP	120	BLUE	D105	10
	34627332	125 x 22	EP	150	GREY	D105	10
	34627333	125 x 22	EP	220	RED	D105	10
	34627334	125 x 22	EP	400	YELLOW	D105	10
	34627335	125 x 22	EP	800	ORANGE	D105	10
	34627336	125 x 22	EP	1200	BEIGE	D105	10

Accessories Back up pad



	Type no.	Diameter	Design	Grade	Max. RPM	PU
	710007	125	M14	HARD	12 300	5
	709997	125 x 22	M14	HARD	12 300	5

TYROLIT POWER TFC discs for fibre glass, carbon fibre, composites and coatings



Shape	Type no.	Dimension	Grain	PU
	34402592	150	80	20
	34402593	150	120	20
	34402594	150	180	20
	34402595	150	240	20
	34402596	150	320	20
	34402600	150	500	20

Accessories Back up pad



	Type no.	Diameter	Design	Holes	Grade	Max. RPM	PU
	34177464	150	5/16-M8	21	HARD	10 500	Suitable for discs with 0, 6, 7, 9, 15 holes 1
	710008	150	5/16-M8	23	HARD	10 500	Suitable for discs with 0, 6, 7, 9, 15 holes 1

EP Electroplated
VB Vacuum brazed

Cutting and Grinding



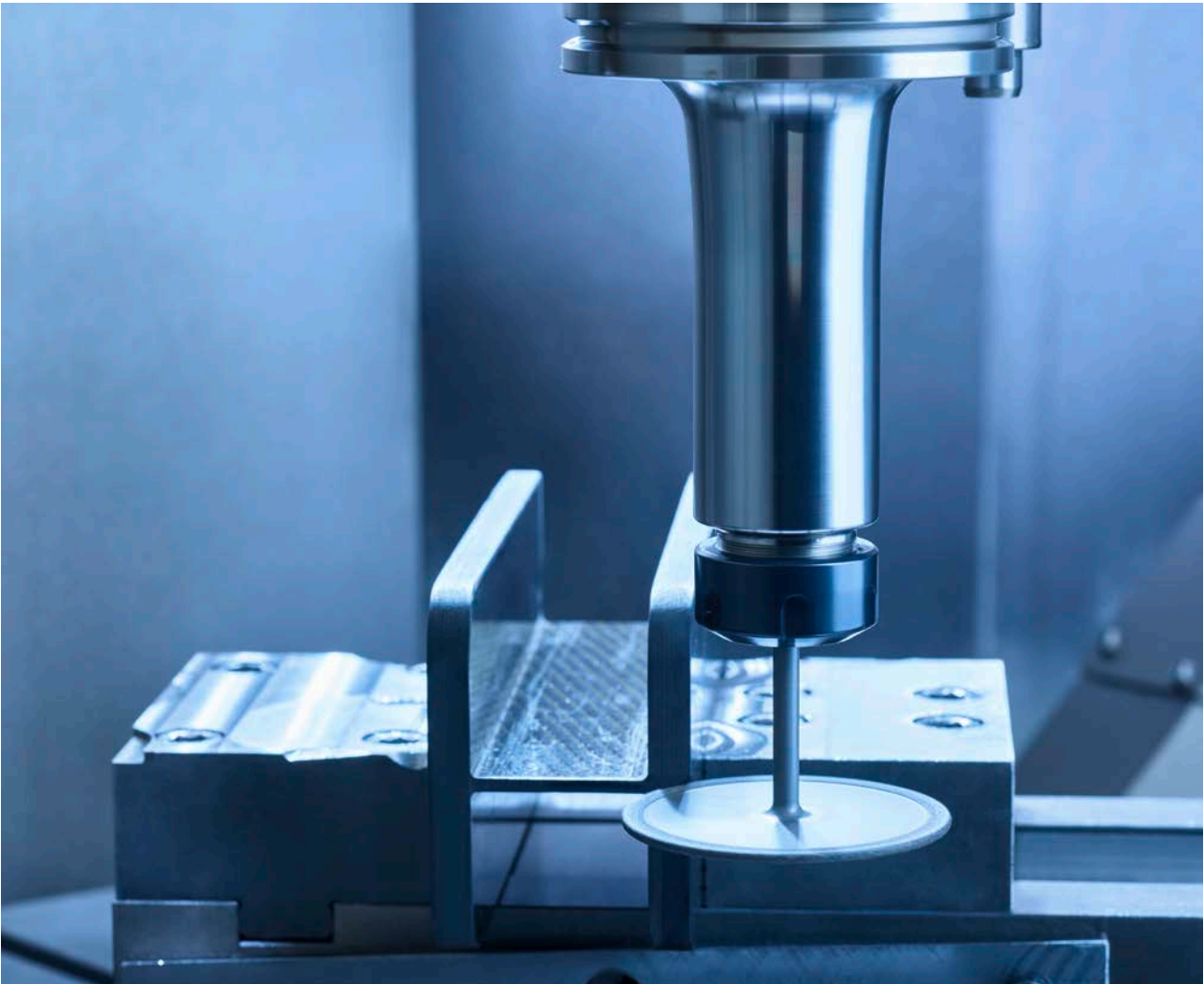
TYROLIT POWER spindle saws for composites



The TYROLIT POWER spindle saws are ideal for handheld and CNC-guided applications where increased handiness and high quality are equally required. The shank of the tool makes it possible to reach angled places and produce flush cutting edges. Due to the diamond-coated grinding layer, an excellent cutting performance can be achieved in addition to a very long lifetime of the saw. Their aggressive grinding performance ensures

that grinding forces and grinding temperatures can be kept low to prevent damage to the workpiece. The grinding tool has been optimised for dry and wet machining and can therefore be used for all applications.

	Type no.	Dimension	Bond	Max. RPM	Rec. RPM	PU
	34627114	25 × 2 – 6 × 40	VB	61.100	61.100	1
	34627115	40 × 2 – 6 × 40	VB	38.200	38.200	1
	34627116	50 × 2 – 6 × 40	VB	30.600	30.600	1
	34627117	65 × 2 – 6 × 40	VB	23.500	23.500	1
	34627118	75 × 2 – 6 × 40	VB	20.400	20.400	1



EP Electroplated
VB Vacuum brazed

TYROLIT POWER diamond cut-off wheels

for composites

+ Excellent cutting performance:

The design of the TYROLIT POWER cut-off wheels is optimised and tested for the use on composite materials, which leads to an outstanding cutting performance.

+ Precise cuts:

By using only the best materials and designing sophisticated manufacturing processes, a consistently high quality of the products ensures reliable, precise and clean cuts.

+ Longest lifetime:

High-grade diamonds and bonds used for our products provide the TYROLIT POWER cut-off wheels with an exceptional lifetime and performance.



+ High working comfort and economic machining:

One high quality grinding layer is applied on the core material, which prevents the diameter of the cut-off wheels from changing and constant adjustments of the tool are averted.

The TYROLIT POWER diamond cut-off wheels are ideal for handheld and stationary applications where cutting performance and high cutting edge quality are required. The DC CEP electroplated version of the wheels enables the most precise cuts, while

the DC CVB vacuum brazed products guarantee even higher cutting performance. Due to the constant diameter, the working comfort is sustainably increased and the tool can be fully utilised. Thanks to the high-quality coating of the product, the grinding

forces and grinding temperatures are kept low to prevent damage to the workpiece. The cut-off wheel has been optimised for dry and wet machining and can therefore be used for all applications.

TYROLIT POWER diamond cut-off wheels electroplated for composites




	Type no.	Dimension	Bond	Max. RPM	Rec. RPM	PU
	34629040	76 × 2,2 × 10	EP	20 100	20 100	1
	34629061	76 × 2,2 × 12	EP	20 100	20 100	1
	34629062	76 × 2,2 × 16	EP	20 100	20 100	1
	34629063	76 × 2,2 × 20	EP	20 100	20 100	1
	34629064	76 × 2,2 × 22	EP	20 100	20 100	1
	34656016	100 × 2,5 × 10	EP	15 300	15 300	1
	34629065	100 × 2,5 × 12	EP	15 300	15 300	1
	34629066	100 × 2,5 × 16	EP	15 300	15 300	1
	34629067	100 × 2,5 × 20	EP	15 300	15 300	1
	34629068	100 × 2,5 × 22	EP	15 300	15 300	1

EP Electroplated
VB Vacuum brazed

TYROLIT POWER diamond cut-off wheels vacuum brazed for composites




	Type no.	Dimension	Bond	Max. RPM	Rec. RPM	PU
	34628441	76 × 2,2 × 10	VB	20 100	20 100	1
	34628442	76 × 2,2 × 12	VB	20 100	20 100	1
	34628443	76 × 2,2 × 16	VB	20 100	20 100	1
	34628444	76 × 2,2 × 20	VB	20 100	20 100	1
	34628445	76 × 2,2 × 22	VB	20 100	20 100	1
	34628446	100 × 2,7 × 12	VB	15 300	15 300	1
	34628447	100 × 2,7 × 16	VB	15 300	15 300	1
	34628448	100 × 2,7 × 20	VB	15 300	15 300	1
	34628449	100 × 2,7 × 22	VB	15 300	15 300	1
	34628450	115 × 2,8 × 22	VB	13 300	13 300	1
	34628461	125 × 2,8 × 22	VB	12 200	12 200	1
	34629080	150 × 2,8 × 22	VB	10 200	10 200	1
	34629081	180 × 3,1 × 22	VB	8 500	8 500	1
	34628462	230 × 3,4 × 22	VB	6 600	6 600	1
	34628463	350 × 4,1 × 20	VB	5 500	5 500	1
	34628464	350 × 4,1 × 25,4	VB	5 500	5 500	1

TYROLIT POWER vanity saws for composites



Increased handiness and results of the highest quality – the TYROLIT POWER vanity saws are the best choice for handheld applications. The radially and axially diamond-set grinding surface enables flush cutting edges, light curved cuts and deburring of the cutting edge. The constant wheel diameter increases the working comfort and the saw can be used entirely.

Thanks to the high-quality coating of the product, extremely precise cuts and clean cutting edges can be guaranteed. The tool has been optimised for dry and wet processing and can therefore be used for all applications.

	Type no.	Dimension	Bond	Max. RPM	Rec. RPM	PU
	34627119	100 × 15,9	EP	15 300	15 300	1
	34627120	110 × 22	EP	13 900	13 900	1
	34627191	125 × 22	EP	12 200	12 200	1
	34627192	115 × M14	EP	13 300	13 300	1
	34627193	125 × M14	EP	12 200	12 200	1

TYROLIT POWER diamond grinding wheels

for composites

+ Long tool lifetime:

A significantly reduced number of wheel changes makes this tool an economical but highly efficient option.

+ Excellent handiness:

The tool is characterised by its handiness, which increases the comfort of the user significantly.



+ Low grinding forces and thermal development:

Because of its aggressive grinding performance, temperature and grinding forces are kept low which prevents damage to the workpiece.

For hand-guided applications requiring a high stock removal rate, TYROLIT POWER diamond grinding wheels are the ideal solution. The diamond-coated grinding layer ensures the highest stock removal rates


paired with an excellent lifetime of the wheel. A specialty of the product is its aggressive grinding performance, which keeps grinding forces and grinding temperatures low and thus prevents damage to the workpiece.

The grinding tool has been optimised for dry and wet machining and can therefore be used for all applications.

TYROLIT POWER diamond grinding wheels

for composites



	Type no.	Dimension	Bond	Max. RPM	Rec. RPM	PU
	34636596	115 × 2 × 22	VB	13 300	13 300	1
	34636641	125 × 2 × 22	VB	12 200	12 200	1

EP Electroplated
VB Vacuum brazed



Drilling




TYROLIT POWER core drills for composites



The TYROLIT POWER core drills are ideally suited for hand-guided applications to efficiently drill large holes in composite components. The exceptional diamond grinding layer enables precise and high-quality drilling in the most economical manner. Due to its aggressiveness, the grinding

forces and the grinding temperature can be kept low to prevent thermal damage to the workpiece. The core drills have been optimised for dry and wet machining and can therefore be used for all applications.


	Type no	Dimension	Bond	Max. RPM	Rec. RPM	PU
	69769	20 × M14	VB	13 300	13 300	1
	34214903	25 × M14	VB	13 300	13 300	1
	34214904	35 × M14	VB	13 300	13 300	1
	69768	38 × M14	VB	13 300	13 300	1
	34214905	42 × M14	VB	13 300	13 300	1
	69767	52 × M14	VB	13 300	13 300	1
	69766	65 × M14	VB	13 300	13 300	1
	34369204	68 × M14	VB	13 300	13 300	1

TYROLIT POWER carbide drills for composites



For CNC applications where a high-quality drilling tool is essential, the TYROLIT POWER carbide drill is the best solution. With its special shape and tooth design, the tool provides for a very long service life combined with an excellent drilling performance. In addition, the special design

enables significantly lower machining temperatures on composites, thereby protecting the workpiece from thermal damage.

	Type no	Cut Ø	L O C	Shk Ø	O A L	Max. RPM	Rec. RPM	Rec. infeed	PU
	34635422	4	55	4	75	72 000	13 000	0,05 mm/rpm	1
	34640479	5	50	6	75	57 000	10 000	0,05 mm/rpm	1
	34640480	6	45	6	75	48 000	8 500	0,05 mm/rpm	1
	34640581	8	45	8	100	36 000	6 400	0,07 mm/rpm	1
	34640582	10	40	10	72	29 000	5 100	0,10 mm/rpm	1
	34640583	12	35	12	90	24 000	4 300	0,10 mm/rpm	1


L.O.C = Length of cut | O.A.L = Overall length

TYROLIT POWER counter sinks for composites



Counter sinks from TYROLIT POWER have been specially developed for handheld or CNC-controlled applications where edges have to be chamfered after drilling or milling. The diamond-coated grinding layer enables excellent surface results in combination with an extensive tool lifetime.

The grinding tool has been optimised for dry and wet machining and can therefore be used for all applications.

	Type no	Dimension	Bond	Shaft Ø	Max. RPM	Rec. RPM	PU
	34627280	5,5 mm	VB	3 mm	6 400	6 400	1
	34627281	11 mm	VB	5 mm	3 500	3 500	1
	34627282	17 mm	VB	8 mm	2 200	2 200	1

TYROLIT POWER twist drills

for composites

+ Extensive lifetime:

The high-grade diamonds and bonds used for our products provide the TYROLIT POWER twist drills with an extensive tool lifetime.

+ High precision:

By combining the best quality diamonds with superior bonds, high drilling performances can be achieved with no change throughout the service life of the drills.



+ Clean drilling edge:

The diamond coated cutting edges of the TYROLIT POWER twist drills keep the quality of the drilling hole constant from the first to the last operation.

+ High drilling performance:

Production standards of the highest quality allow for twist drills that offer the most precise machining of composite components.

TYROLIT POWER twist drills guarantee maximum precision for both hand-guided and CNC-controlled applications on composite workpieces. Thanks to the diamond-coated

cutting edge, the lifetime of the twist drill can be significantly increased, and the best drilling performance is achieved. The grinding tool has been optimised for dry and wet machining

and can therefore be used for all applications.

TYROLIT POWER twist drills for composites



	Type no	Dimension	Bond	Max. RPM	Rec. RPM	PU
	34627271	3,00	VB	48 000	48 000	1
	34706704	4,00	VB	36 000	36 000	1
	34706709	5,00	VB	28 800	28 800	1
	34627273	6,00	VB	24 000	24 000	1
	34627275	8,00	VB	18 000	18 000	1
	34627278	10,00	VB	14 000	14 000	1
	34627279	12,00	VB	12 000	12 000	1

EP Electroplated
VB Vacuum brazed

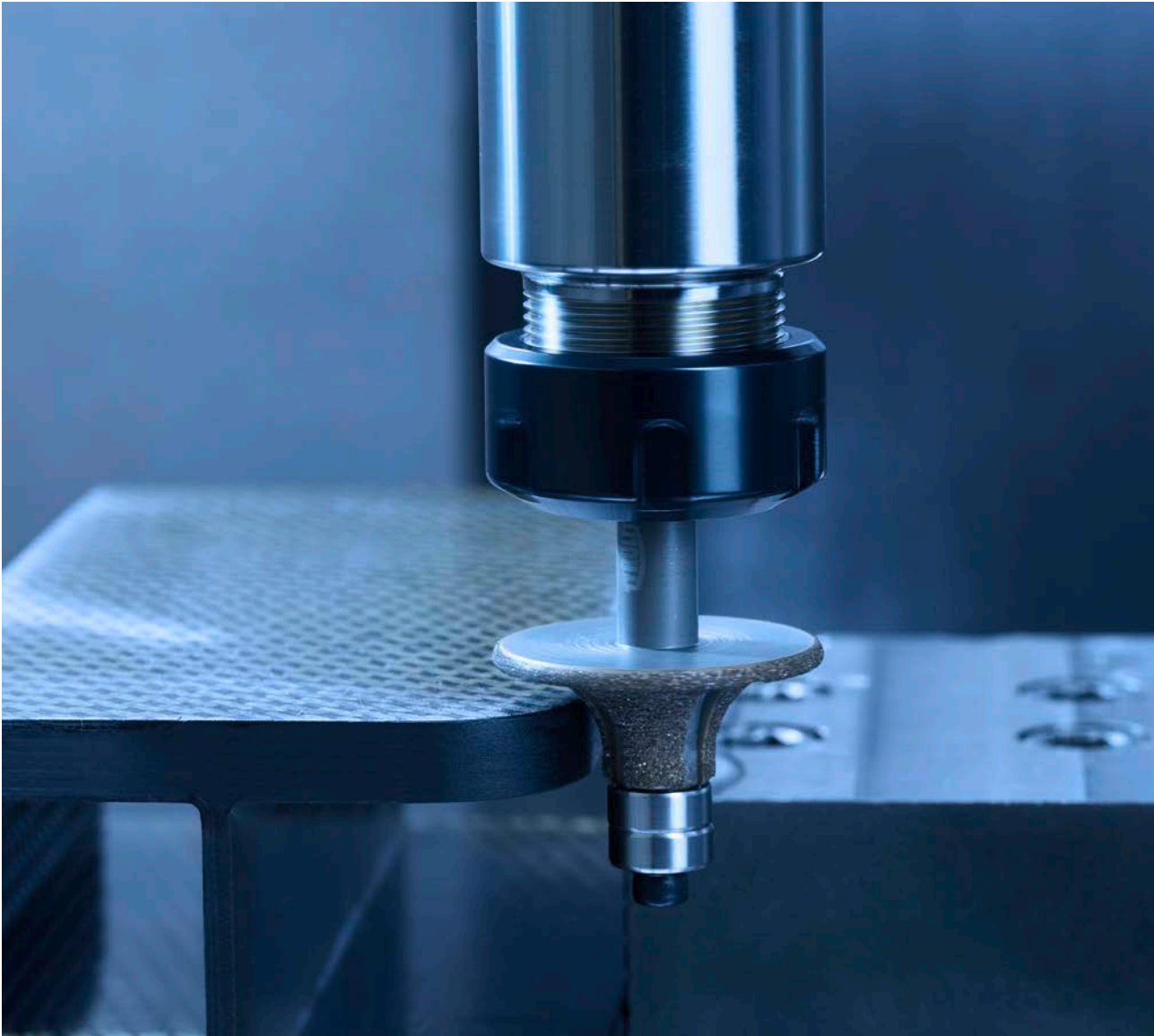
TYROLIT POWER chamfers
for composites



The TYROLIT POWER chamfers are perfectly suited for handheld or CNC-controlled applications in which the edge is to be rounded following drilling or milling. The diamond-coated grinding layer enables best surface results paired with burr-free machining and extensive lifetimes.

The grinding tool has been optimised for dry and wet machining and can therefore be used for all applications.

	Type no	Dimension	Bond	Shaft Ø	Max. RPM	Rec. RPM	PU
	34627283	40 mm	VB	10 mm	38 000	22 000	1
	34627285	60 mm	VB	12 mm	25 500	25 500	1
	34627284	80 mm	VB	12 mm	19 000	19 000	1



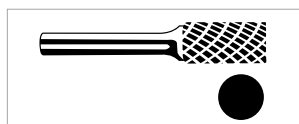
EP Electroplated
VB Vacuum brazed



Milling

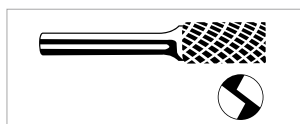
TYROLIT POWER carbide burrs

for composites



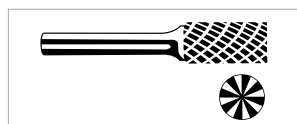
No Endcut

Used for profiling and slotting applications



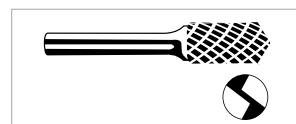
Endmill endcut

Used for plunging, slotting and profiling applications where a square corner is required



Burr endcut

Used for profiling and slotting applications



Drill point endcut

Used for plunging into application prior to starting routing operation

+ Exceptional cut quality:

By using a tool design specially developed for composite machining, the cut grade and workpiece quality can be increased substantially.

+ Low grinding forces and thermal development:

Specifically shaped designs and teeth of the TYROLIT POWER carbide burrs result in very low grinding forces and milling temperatures, which increases the overall quality of the machining process.



+ Possibility of high machining speeds:

The composite specific designs of our TYROLIT POWER tools allow for high machining efficiency and reliable tool quality.

+ High precision and lifetime:

Through the utilization of high-quality materials in our production processes, Tyrolit is able to offer carbide burrs with tight tolerances and an exceptional service life.

Excellent cutting performance and maximum precision – TYROLIT POWER carbide burrs deliver superior results in CNC-controlled and hand-guided applications. Thanks to the special tooth form,

composite workpieces can be milled and drilled without burrs. The specially coated version of the carbide burrs offers an even longer service life of the tool and guarantees the highest economic efficiency,

especially for challenging applications and series processes. The carbide burrs have been optimised for dry and wet machining and can therefore be used for all applications.

TYROLIT POWER carbide burrs CCP (coated)

for composites



	Type no.	Cut Ø	L.O.C	Shk Ø	O.A.L	Endcut	Max. RPM	Rec. RPM	Rec. infeed	PU.
	34628902	3	12	3	38	No endcut	95 000	48 000	0,005 – 0,0075 mm/rpm	1
	34628903	6	19	6	63	No endcut	48 000	24 000	0,005 – 0,0075 mm/rpm	1
	34628904	8	25	8	63	No endcut	36 000	17 000	0,005 – 0,0075 mm/rpm	1
	34628905	10	25	10	75	No endcut	29 000	14 000	0,005 – 0,0075 mm/rpm	1
	34628906	12	25	12	75	No endcut	24 000	12 000	0,005 – 0,0075 mm/rpm	1

L.O.C = Length of cut | O.A.L = Overall length

TYROLIT POWER carbide burrs CCP (coated) for composites



	Type no.	Cut Ø	L.O.C	Shk Ø	O.A.L	Endcut	Max. RPM	Rec. RPM	Rec. infeed	PU.
	34628907	3	12	3	38	Burr endcut	95 000	48 000	0,005 – 0,0075 mm/rpm	1
	34628908	6	19	6	63	Burr endcut	48 000	24 000	0,005 – 0,0075 mm/rpm	1
	34628909	8	25	8	63	Burr endcut	36 000	17 000	0,005 – 0,0075 mm/rpm	1
	34628910	10	25	10	75	Burr endcut	29 000	14 000	0,005 – 0,0075 mm/rpm	1
	34628921	12	25	12	75	Burr endcut	24 000	12 000	0,005 – 0,0075 mm/rpm	1
	34628922	3	12	3	38	Endmill endcut	95 000	48 000	0,005 – 0,0075 mm/rpm	1
	34628923	6	19	6	63	Endmill endcut	48 000	24 000	0,005 – 0,0075 mm/rpm	1
	34628924	8	25	8	63	Endmill endcut	36 000	17 000	0,005 – 0,0075 mm/rpm	1
	34628925	10	25	10	75	Endmill endcut	29 000	14 000	0,005 – 0,0075 mm/rpm	1
	34628926	12	25	12	75	Endmill endcut	24 000	12 000	0,005 – 0,0075 mm/rpm	1
	34628927	3	12	3	38	Drill point endcut	95 000	48 000	0,005 – 0,0075 mm/rpm	1
	34628928	6	19	6	63	Drill point endcut	48 000	24 000	0,005 – 0,0075 mm/rpm	1
	34628929	8	25	8	63	Drill point endcut	36 000	17 000	0,005 – 0,0075 mm/rpm	1
	34628930	10	25	10	75	Drill point endcut	29 000	14 000	0,005 – 0,0075 mm/rpm	1
	34628941	12	25	12	75	Drill point endcut	24 000	12 000	0,005 – 0,0075 mm/rpm	1

L.O.C = Length of cut | O.A.L = Overall length

TYROLIT POWER carbide burrs CCB (no coating) for composites



	Type no.	Cut Ø	L.O.C	Shk Ø	O.A.L	Endcut	Max. RPM	Rec. RPM	Rec. infeed	PU
	34623714	3	12	3	38	No endcut	95 000	48 000	0,005 – 0,0075 mm/rpm	1
	34628545	6	19	6	63	No endcut	48 000	24 000	0,005 – 0,0075 mm/rpm	1
	34628546	8	25	8	63	No endcut	36 000	17 000	0,005 – 0,0075 mm/rpm	1
	34628547	10	25	10	75	No endcut	29 000	14 000	0,005 – 0,0075 mm/rpm	1
	34628548	12	25	12	75	No endcut	24 000	12 000	0,005 – 0,0075 mm/rpm	1
	34623715	3	12	3	38	Burr endcut	95 000	48 000	0,005 – 0,0075 mm/rpm	1
	34628549	6	19	6	63	Burr endcut	48 000	24 000	0,005 – 0,0075 mm/rpm	1
	34628550	8	25	8	63	Burr endcut	36 000	17 000	0,005 – 0,0075 mm/rpm	1
	34628551	10	25	10	75	Burr endcut	29 000	14 000	0,005 – 0,0075 mm/rpm	1
	34628552	12	25	12	75	Burr endcut	24 000	12 000	0,005 – 0,0075 mm/rpm	1
	34628555	3	12	3	38	Endmill endcut	95 000	48 000	0,005 – 0,0075 mm/rpm	1
	34628556	6	19	6	63	Endmill endcut	48 000	24 000	0,005 – 0,0075 mm/rpm	1
	34628565	8	25	8	63	Endmill endcut	36 000	17 000	0,005 – 0,0075 mm/rpm	1
	34628566	10	25	10	75	Endmill endcut	29 000	14 000	0,005 – 0,0075 mm/rpm	1
	34628797	12	25	12	75	Endmill endcut	24 000	12 000	0,005 – 0,0075 mm/rpm	1
	34628799	3	12	3	38	Drill point endcut	95 000	48 000	0,005 – 0,0075 mm/rpm	1
	34628861	6	19	6	63	Drill point endcut	48 000	24 000	0,005 – 0,0075 mm/rpm	1
	34628862	8	25	8	63	Drill point endcut	36 000	17 000	0,005 – 0,0075 mm/rpm	1
	34628863	10	25	10	75	Drill point endcut	29 000	14 000	0,005 – 0,0075 mm/rpm	1
	34628864	12	25	12	75	Drill point endcut	24 000	12 000	0,005 – 0,0075 mm/rpm	1

L.O.C = Length of cut | O.A.L = Overall length



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