



# Product Innovations

## Industrial supply

English 2023/02

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## Symbols



Angle grinder



Straight grinder



Burnishing machine



Mini belt grinder



Stainless steel



Steel



Masonry



Plastics / PVC



Casting materials



Titanium / titanium alloys



Aluminium

# Cutting - Freehand cut-off wheels

## ★ BASIC 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

Form	Type number	Dimension	Specification	PU
	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.

# Grinding wheels - Rough grinding wheels



## PREMIUM 2in1 CERABOND X COMFORT rough grinding wheels

for steel and stainless steel



### Application



- + For demanding applications on various steel and stainless steel qualities, e.g. edge grinding, surface grinding or removal of welding seams

### We recommend

- + Developed for increased working comfort and applications with low grinding pressure

### Advantage

- + Fast grinding due to the structure of the ceramic grain used
- + Consistent aggressiveness thanks to combination of new bond system with ceramic grain
- + Less pressure required thanks to excellent cutting ability
- + Maximum working comfort over the entire lifetime

Form	Type number	Dimension	Specification	PU	
 	27	34645085	178 x 7 x 22,23	CA 24 P- BFP	5 Pcs.
		34611111	230 x 7 x 22,23	CA 24 P- BFP	10 Pcs.



## PREMIUM rough grinding wheels

for cast iron



### Application



- + For the most demanding applications on cast iron with lamellar graphite (GJL) and spheroidal cast iron (GJS), for surface grinding as well as for deburring and smoothing work

### We recommend

- + Optimised for high-frequency and compressed air-driven turbine angle grinders
- + HARD (S): the deburring specialist offering the longest lifetimes
- + SOFT (P): unique comfort and maximum aggressiveness / also suitable for removing cast skin and sandings
- + 4 mm thickness for peripheral grinding (only HARD and MEDIUM) / 7 mm thickness for rough grinding

### Advantage

- + Highest stock removal rate thanks to high-quality zirconium aluminium oxide
- + Bond specially adapted to cast iron
- + Edge chipping is reduced to a minimum

Form	Type number	Dimension	Specification	PU	
 	27	34677713	178 x 4 x 22,23	ZA 24 S- BFP	10 Pcs.
		34675335	178 x 7 x 22,23	ZA24P-BFP	10 Pcs.
		34669681	230 x 4 x 22,23	ZA 24 S- BFP	10 Pcs.
		34675336	230 x 7 x 22,23	ZA24P-BFP	10 Pcs.



## PREMIUM VIBSTAR SOFT rough grinding wheels

for cast iron




### Application

- + For demanding applications on cast iron and all cast materials, for surface grinding as well as for deburring and smoothing work

### Advantage

- + VIBSTAR vibration damping developed and patented by Tyrolit enables especially gentle grinding
- + Multi-layer composition and the permanently attached plastic flange reduce vibrations by up to 50%
- + VIBSTAR technology helps to prevent occupational illnesses such as muscular and skeletal damage, neurological illnesses and circulatory problems

Form	Type number	Dimension	Specification	PU	
	27	34675378	178 x 7 x 22,23	ZA24P-BFP	10 Pcs.
		34675379	230 x 7 x 22,23	ZA24P-BFP	10 Pcs.



## STANDARD SIC rough grinding wheels

for cast iron




### Application

- + For the removal of cast skin and sandings on cast iron workpieces

### Advantage

- + Specially developed for the removal of cast skin and sandings
- + Low grinding pressure needed
- + High aggressiveness
- + Edge chipping is reduced to a minimum

Form	Type number	Dimension	Specification	PU	
	27	34675339	178 x 6,5 x 22,23	C24S-BFS	10 Pcs.
		34675338	230 x 6,5 x 22,23	C24S-BFS	10 Pcs.

# Flexible Abrasives - Flap discs

**BASIC** ★ **BASIC 2in1 flap disc**  
for steel and stainless steel



**Application**

+ For grinding applications on different steel and stainless steel grades

**We recommend**

+ Grit size 40/60 for high stock removal




+ Grit size 80/120 for fine work

**Advantage**


+ Increased lifetime due to new design with 30% more flaps

+ Good stock removal rate

+ Perfect combination of efficiency and durability

Form	Type number	Dimension	Specification	PU
  <p>27A</p>	34656854	115 x 22,23	ZA40-325	10 Pcs.
	34656855	115 x 22,23	ZA60-325	10 Pcs.
	34656856	115 x 22,23	ZA80-325	10 Pcs.
	34656857	115 x 22,23	ZA120-325	10 Pcs.
	34659314	125 x 22,23	ZA40-325	10 Pcs.
	34659315	125 x 22,23	ZA60-325	10 Pcs.
	34659316	125 x 22,23	ZA80-325	10 Pcs.
	34659317	125 x 22,23	ZA120-325	10 Pcs.
	34659318	150 x 22,23	ZA40-325	10 Pcs.
	34659319	150 x 22,23	ZA60-325	10 Pcs.
	34659320	150 x 22,23	ZA80-325	10 Pcs.
	34659341	150 x 22,23	ZA120-325	10 Pcs.
	34659342	178 x 22,23	ZA40-325	10 Pcs.
	34659343	178 x 22,23	ZA60-325	10 Pcs.
	34659344	178 x 22,23	ZA80-325	10 Pcs.
	34659345	178 x 22,23	ZA120-325	10 Pcs.
 <p>28A</p>	34659346	115 x 22,23	ZA40-325	10 Pcs.
	34659347	115 x 22,23	ZA60-325	10 Pcs.
	34659349	115 x 22,23	ZA80-325	10 Pcs.
	34659350	115 x 22,23	ZA120-325	10 Pcs.
	34659371	125 x 22,23	ZA40-325	10 Pcs.
	34659372	125 x 22,23	ZA60-325	10 Pcs.
	34659373	125 x 22,23	ZA80-325	10 Pcs.
	34659374	125 x 22,23	ZA120-325	10 Pcs.
	34659375	178 x 22,23	ZA40-325	10 Pcs.
	34659376	178 x 22,23	ZA60-325	10 Pcs.
	34659377	178 x 22,23	ZA80-325	10 Pcs.
	34659378	178 x 22,23	ZA120-325	10 Pcs.

# Flexible Abrasives - Quick-Change


**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 EX. COARSE SOFT (brown) for maximum flexibility and reduced vibrations

**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

Form	Type number	Dimension	Specification	Max RPM	Rec. RPM	PU	
 	QDISC-VL	34683608	51 x R	GR S EX. COARSE SOFT	10500	6300	10 Pcs.
		34683609	76 x R	GR S EX. COARSE SOFT	7000	4200	10 Pcs.



# Flexible Abrasives - Rough cleaning wheels



## PREMIUM rough cleaning wheel Strip-It for universal use



### Application


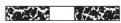
- + For removing rust, paint and lacquer or for preparing surfaces for welding, soldering or anodising.

### We recommend

- + Design S EX. COARSE SOFT (brown) for maximum flexibility and reduced vibrations
- + Clamping of two 1GR wheels possible when using longer mandrel - creating higher area of contact
- + Use of an adjustable straight grinder

### Advantage

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

Form	Type number	Dimension	Specification	Max RPM	Rec. RPM	PU	
 	1VL GR	34683595	100 x 13 x 13	GR S EX. COARSE	8000	6000	10 Pcs.
		34683599	150 x 13 x 13	GR S EX. COARSE	5300	4100	10 Pcs.
		34683602	200 x 13 x 13	GR S EX. COARSE	4000	3050	10 Pcs.



## PREMIUM rough cleaning wheels Strip-It with shaft for universal use



### Application

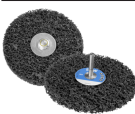
- + For removing rust, paint and lacquer or for preparing surfaces for welding, soldering or anodising.

### We recommend

- + Design S EX. COARSE SOFT (brown) for maximum flexibility and reduced vibrations
- + Use of an adjustable straight grinder

### Advantage

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

Form	Type number	Dimension	Specification	Max RPM	Rec. RPM	PU	
	52VL	34683673	76 x 13	GR S EX. COARSE	10500	8000	10 Pcs.
		34683605	100 x 13	GR S EX. COARSE	8000	6000	10 Pcs.
		34683674	150 x 13	GR S EX. COARSE	5350	4100	10 Pcs.

# Flexible Abrasives - Roller



## PREMIUM rough cleaning rollers Strip-It Soft

for universal use

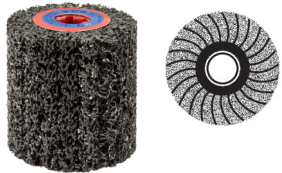


### Application

- + Satin finish grinding on large surfaces, fast removal of oxide, zinc spar, lacquer or other clogging materials such as salty residues, rust, grease, oil, wax preservatives.

### Advantage

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

Form	Type number	Dimension	Specification	Max RPM	Rec. RPM	PU	
	1LA VL-G	34682469	100 x 100 x 19,1	VL-G EX. COARSE	6800	3700	1 Pcs.

# Flexible Abrasives - Belt



## 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

Form	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.	
	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.		

**★★★ PREMIUM** **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

Form	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** **PREMIUM ZA-P42 PE Y mini belts**  
for steel, nonferrous metals and alloys



**Application**



- + For demanding applications on steel, NF metals and alloys
- + Particularly suitable for wet use

**We recommend**

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

**Advantage**

- + Outstanding stock removal rates with light and medium pressure
- + Minimal generation of heat while grinding thanks to active coolant in the bond
- + Longest lifetimes thanks to stiff polyester fabric

Form	Type number	Dimension	Specification	Grain	PU	
	BELT-PE	34648785	9 x 533	ZA-P42	40	20 Pcs.
		34648786	9 x 533	ZA-P42	60	20 Pcs.
		34648788	9 x 533	ZA-P42	80	20 Pcs.
		34648790	9 x 533	ZA-P42	120	20 Pcs.
		34648791	10 x 330	ZA-P42	40	20 Pcs.
		34648792	10 x 330	ZA-P42	60	20 Pcs.
		34648793	10 x 330	ZA-P42	80	20 Pcs.
		34648794	10 x 330	ZA-P42	120	20 Pcs.
		34648796	12 x 520	ZA-P42	40	20 Pcs.
		34648797	12 x 520	ZA-P42	60	20 Pcs.

Form	Type number	Dimension	Specification	Grain	PU
	34648800	12 x 520	ZA-P42	80	20 Pcs.
	34648801	12 x 520	ZA-P42	120	20 Pcs.
	34648802	13 x 610	ZA-P42	40	20 Pcs.
	34648803	13 x 610	ZA-P42	60	20 Pcs.
	34648804	13 x 610	ZA-P42	80	20 Pcs.
	34648805	13 x 610	ZA-P42	120	20 Pcs.
	34648806	20 x 520	ZA-P42	40	20 Pcs.
	34648807	20 x 520	ZA-P42	60	20 Pcs.
	34648808	20 x 520	ZA-P42	80	20 Pcs.
	34648809	20 x 520	ZA-P42	120	20 Pcs.

**BASIC** ★ **BASIC A-B03 PC X mini belts**  
for universal use

**Application**

- + For the machining of various materials, especially steel, stainless steel and NF metals, with portable belt grinders

**We recommend**

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

**Advantage**

- + Universally applicable
- + Good lifetime
- + High stock removal with low heat generation
- + Suitable for wet and dry grinding

Form	Type number	Dimension	Specification	Grain	PU	
	BELT-PC	34648279	6 x 610	A-B03	40	20 Pcs.
	34648280	6 x 610	A-B03	60	20 Pcs.	
	34648665	6 x 610	A-B03	80	20 Pcs.	
	34648666	6 x 610	A-B03	120	20 Pcs.	
	34648281	9 x 533	A-B03	40	20 Pcs.	
	34648282	9 x 533	A-B03	60	20 Pcs.	
	34648667	9 x 533	A-B03	80	20 Pcs.	
	34648668	9 x 533	A-B03	120	20 Pcs.	
	34648283	10 x 330	A-B03	40	20 Pcs.	
	34648284	10 x 330	A-B03	60	20 Pcs.	
	34648669	10 x 330	A-B03	80	20 Pcs.	
	34648670	10 x 330	A-B03	120	20 Pcs.	
	34648285	12 x 520	A-B03	40	20 Pcs.	
	34648286	12 x 520	A-B03	60	20 Pcs.	
	34648671	12 x 520	A-B03	80	20 Pcs.	
	34648673	12 x 520	A-B03	120	20 Pcs.	
	34648287	13 x 305	A-B03	40	20 Pcs.	
	34648288	13 x 305	A-B03	60	20 Pcs.	
	34648675	13 x 305	A-B03	80	20 Pcs.	
	34648676	13 x 305	A-B03	120	20 Pcs.	
34648289	13 x 457	A-B03	40	20 Pcs.		

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Form	Type number	Dimension	Specification	Grain	PU
	34648290	13 x 457	A-B03	60	20 Pcs.
	34648678	13 x 457	A-B03	80	20 Pcs.
	34648679	13 x 457	A-B03	120	20 Pcs.
	34648311	13 x 610	A-B03	40	20 Pcs.
	34648312	13 x 610	A-B03	60	20 Pcs.
	34648681	13 x 610	A-B03	80	20 Pcs.
	34648683	13 x 610	A-B03	120	20 Pcs.
	34648313	20 x 520	A-B03	40	20 Pcs.
	34648314	20 x 520	A-B03	60	20 Pcs.
	34648684	20 x 520	A-B03	80	20 Pcs.
	34648685	20 x 520	A-B03	120	20 Pcs.

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