



Product Innovations

Industrial supply

English | 2022/2023





Premium grinding tools since 1919
www.tyrolit.com

TYROLIT

Table of Contents

Cutting	3
PREMIUM CERABOND X cut-off wheels for steel and stainless steel	3
PREMIUM 2-in-1 cut-off wheels bucket	4
STANDARD 2-in-1 cut-off wheels bucket	4
BASIC 2-in-1 cut-off wheels bucket	5
PREMIUM cut-off wheels for cast iron	5
PREMIUM cut-off wheels for steel	6
PREMIUM cut-off wheels for stainless steel	6
Grinding	7
PREMIUM tungsten carbide burrs HPC for casting, steel and stainless steel	7
PREMIUM tungsten carbide burrs HPC set for casting, steel and stainless steel	8
PREMIUM 1F80 grinding wheels for steel	8
PREMIUM 1F80 grinding wheels for stainless steel	9
PREMIUM 1F80 grinding wheels for nonferrous metals	9
PREMIUM 1F80 grinding wheels for cast iron	10
Coated	11
PREMIUM CERABOND X flap discs for steel and stainless steel	11
STANDARD Twinflap for steel and stainless steel	13
PREMIUM CERABOND X natural fibre discs for steel and stainless steel	13
PREMIUM CERABOND X belts for steel and stainless steel	14

Symbols

	Stainless Steel
	Steel
	Casting materials
	Aluminium

Cutting - Angle grinder



PREMIUM*** 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 1.9 mm for fastest cutting and minimum burr formation
- + 2.0 to 3.0 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

Form	Type number	Dimension	Specification	PU	
	41	34597624	115 x 1,0 x 22,23	CA 60 Q- BFP	15 Pcs.
		34597625	115 x 1,3 x 22,23	CA 46 Q- BFP	15 Pcs.
		34597626	115 x 1,6 x 22,23	CA 46 Q- BFP	15 Pcs.
		34597627	125 x 1,0 x 22,23	CA 60 Q- BFP	15 Pcs.
		34597628	125 x 1,3 x 22,23	CA 46 Q- BFP	15 Pcs.
		34597629	125 x 1,6 x 22,23	CA 46 Q- BFP	15 Pcs.
	42	34606299	125 x 1,6 x 22,23	CA 46 Q- BFP	15 Pcs.



PREMIUM*** 2-in-1 cut-off wheels

for steel and stainless steel



Application

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

Advantage

- + The chemical purity of the product prevents corrosion, pitting corrosion and reduction in fatigue strength for the best results even on stainless steel
- + Extremely short working times thanks to excellent cutting ability and a low thermal load on the workpiece (heat build-up)
- + High level of comfort thanks to easy-cutting specification

Form	Type number	Dimension	Specification	PU	
	41	34431989	115 x 1,0 x 22,23	A 60 Q- BFP	100 Pcs.
		34431992	125 x 1,0 x 22,23	A 60 Q- BFP	100 Pcs.



STANDARD** 2-in-1 cut-off wheels

for steel and stainless steel



Application

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

Advantage

- + The product offers very good lifetime and stability
- + Quick and convenient to use
- + Environmentally-friendly

Form	Type number	Dimension	Specification	PU	
	41	34431987	125 x 1,0 x 22,23	A 60 Q- BFS	100 Pcs.

★
BASIC* 2-in-1 cut-off wheels
for steel and stainless steel




Application

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

Advantage

- + The chemical purity makes it possible to work on steel and stainless steel
- + Convenient and low-burr cutting with good wheel life
- + Short working times thanks to good cutting ability

Form	Type number	Dimension	Specification	PU	
	41	34589205	115 x 1,0 x 22,23	A 60 Q- BFB	100 Pcs.
		34431958	125 x 1,0 x 22,23	A 60 Q- BFB	100 Pcs.

★★★
PREMIUM*** cut-off wheels
for cast iron



Application


- + For machining cast materials

We recommend

- + Degree of hardness R (hard): longer lifetime
- + Degree of hardness P (medium): all-round solution - high cutting ability and economical lifetime
- + Degree of hardness N (soft): highest cutting ability and aggressiveness
- + Type number 5496: Particularly suitable for sanded cast materials

Advantage

- + Highest aggressiveness thanks to innovative production technology
- + New bond system combined with high-quality zircon corundum enables shortest cut-off times
- + Maximum comfort when machining the hardest workpieces
- + Best lifetime for economical work

Form	Type number	Dimension	Specification	PU	
	42	34608664	178 x 3,0 x 22,23	ZA 30 N- BFP	25 Pcs.
		34608663	178 x 3,0 x 22,23	ZA 30 P- BFP	25 Pcs.
		34608661	178 x 3,0 x 22,23	ZA 30 R- BFP	25 Pcs.
		34608665	178 x 3,5 x 22,23	ZA 30 N- BFP	25 Pcs.
		904019	178 x 3,5 x 22,23	ZA 30 P- BFP	25 Pcs.
		929887	178 x 3,5 x 22,23	ZA 30 R- BFP	25 Pcs.
		5496	230 x 3,0 x 22,23	C30S-BFXA	25 Pcs.
		34564288	230 x 3,0 x 22,23	ZA 30 N- BFP	25 Pcs.
		34608662	230 x 3,0 x 22,23	ZA 30 R- BFP	25 Pcs.
		635268	230 x 3,0 x 22,23	ZA30P-BFXA	25 Pcs.
		34608666	230 x 3,5 x 22,23	ZA 30 N- BFP	25 Pcs.
		855818	230 x 3,5 x 22,23	ZA30P-BFXA	25 Pcs.
		929889	230 x 3,5 x 22,23	ZA30R-BFXA	25 Pcs.

Cutting - Straight grinder



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

Form	Type number	Dimension	Specification	PU	
	41	34576477	63 x 1 x 10	A 100 - BFM	25 Pcs.
		34576478	75 x 1 x 10	A 100 - BFM	25 Pcs.



PREMIUM*** cut-off wheels

for stainless steel




Application

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

Advantage

- + The chemical purity of the product prevents corrosion, pitting corrosion and reduction in fatigue strength for the best results on stainless steel
- + 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

Form	Type number	Dimension	Specification	PU	
	41	34576479	50 x 1 x 6	A 60 R- BFX A	25 Pcs.
		34576480	50 x 1 x 10	A 60 R- BFX A	25 Pcs.
		34576481	63 x 1 x 10	A 60 R- BFX A	25 Pcs.
		34576482	75 x 1 x 8	A 60 R- BFX A	25 Pcs.
		34576483	75 x 1 x 10	A 60 R- BFX A	25 Pcs.

Grinding - Straight grinder



PREMIUM*** tungsten carbide burrs HPC (High Performance Coating)

for casting, steel, and stainless steel

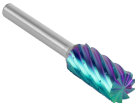





Application

- + 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

Form	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

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)

Form	Type number	PU
	34557648	1 Pcs.



PREMIUM*** 1F80 grinding wheels

for steel



Application

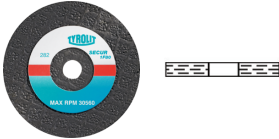
- + For demanding work on different steel grades in difficult-to-reach places
- + For adding flutes and notches, for deburring gears, for maintaining turbine blades, for rough grinding curved surfaces in cavities and for welding

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

Form	Type number	Dimension	Specification	PU	
	1F80	34587618	50 x 6 x 6	A 30 S- BFX /80	20 Pcs.
		34587619	50 x 10 x 6	A 30 S- BFX /80	20 Pcs.
		34587620	50 x 10 x 10	A 30 S- BFX /80	20 Pcs.
		34587661	60 x 10 x 10	A 30 S- BFX /80	20 Pcs.
		34587663	70 x 10 x 10	A 30 S- BFX /80	20 Pcs.
		34587662	75 x 6 x 10	A 30 S- BFX /80	20 Pcs.



PREMIUM*** 1F80 grinding wheels

for stainless steel



Application



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

We recommend

- + Use a protection cover for diameters above 80 mm

Advantage

- + Special bond system for stainless steel with maximum abrasiveness and long lifetime
- + The chemical purity of the product prevents corrosion, pitting corrosion and reduction in fatigue strength for the best results on stainless steel
- + Highest quality

Form	Type number	Dimension	Specification	PU	
 	1F80	34587664	50 x 6 x 6	A 30 R- BFX /80	20 Pcs.
	34587665	50 x 10 x 10	A 30 R- BFX /80	20 Pcs.	
	34587666	50 x 19 x 10	A 30 R- BFX /80	20 Pcs.	
	34587668	75 x 15 x 10	A 30 R- BFX /80	20 Pcs.	
	34587669	100 x 25 x 25	A 30 R- BFX /80	4 Pcs.	
	34587682	125 x 25 x 25	A 30 R- BFX /80	4 Pcs.	
	34587683	150 x 25 x 25	A 30 R- BFX /80	1 Pcs.	



PREMIUM*** 1F80 grinding wheels

for nonferrous metals



Application



- + For demanding applications on nonferrous metals such as aluminium, aluminium bronze, aluminium base alloys, copper, bronze, brass, nickel silver and titanium in difficult-to-reach places
- + Ideal for adding flutes and notches, for deburring gears, for maintaining turbine blades and for rough grinding curved surfaces in cavities

We recommend

- + Use a protection cover for diameters above 80 mm

Advantage

- + No clogging of the wheel thanks to specially developed bond for sustained abrasiveness and longer lifetime
- + Even at very low pressure, the wheel achieves extremely high abrasiveness
- + Highest quality

Form	Type number	Dimension	Specification	PU	
 	1F80	34587685	75 x 6 x 10	A 36 N- BFX /80	20 Pcs.
	34587686	100 x 20 x 20	A 36 N- BFX /80	4 Pcs.	



PREMIUM*** 1F80 grinding wheels

for cast iron



Application


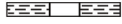
- + For demanding work on cast iron in difficult-to-reach places
- + Ideal for adding flutes and notches, for deburring gears, for maintaining turbine blades, for rough grinding curved surfaces in cavities and for welding

Advantage

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

We recommend

- + Use a protection cover for diameters above 80 mm

Form	Type number	Dimension	Specification	PU	
 	1F80	34587687	150 x 25 x 25	ZA 24 P- BFX /80	1 Pcs.

Coated - Angle grinder



Premium CERABOND X flap discs

for steel and stainless steel



Application


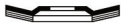

- + For demanding grinding applications on different steel and stainless steel grades
- + Best suited for surface grinding, edge grinding and removing welding seams.


Advantage

- + Highest stock removal rate
- + Extraordinarily long lifetime
- + 100% use of the disc

We recommend

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

Form	Type number	Dimension	Specification	PU	
 	27A	34576446	100 x 16	CA40+Q-B	5 Pcs.
	34576448	100 x 16	CA60+Q-B	5 Pcs.	
	34576449	100 x 16	CA 80 Q- B	5 Pcs.	
	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.	
	28A	34576526	100 x 16	CA40+Q-B	5 Pcs.
	34576527	100 x 16	CA60+Q-B	5 Pcs.	
	34576528	100 x 16	CA 80 Q- B	5 Pcs.	
	34576552	115 x 22,23	CA40+Q-B	5 Pcs.	
	34576553	115 x 22,23	CA60+Q-B	5 Pcs.	
	34576554	115 x 22,23	CA 80 Q- B	5 Pcs.	
	34577065	125 x 22,23	CA40+Q-B	5 Pcs.	
	34577066	125 x 22,23	CA60+Q-B	5 Pcs.	

Form	Type number	Dimension	Specification	PU
	34577067	125 x 22,23	CA 80 Q- B	5 Pcs.
	34577073	150 x 22,23	CA40+Q-B	5 Pcs.
	34577074	150 x 22,23	CA60+Q-B	5 Pcs.
	34577075	150 x 22,23	CA 80 Q- B	5 Pcs.
	34577080	178 x 22,23	CA40+Q-B	5 Pcs.
	34577081	178 x 22,23	CA60+Q-B	5 Pcs.
	34577082	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.



STANDARD TWINFLAP**
for steel and stainless steel



Application


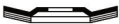


- + For demanding grinding applications on different stainless steel grades

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	Type number	Dimension	Specification	PU	
 	27A	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	34601410	125 x 22,23	ZAZA 40 Q- B	10 Pcs.
		34601411	125 x 22,23	ZAZA 60 Q- B	10 Pcs.
		34601412	125 x 22,23	ZAZA 80 Q- B	10 Pcs.
	28N	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.



PREMIUM 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 unique grain structure
- + Consistent aggressiveness and durability
- + Highest service lifetime due to cooling layer
- + Balanced price-performance ratio
- + Environmentally friendly, trimmable core

Form	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.

Coated - Stationary belt grinder



PREMIUM*** CERABOND X belts

for steel and stainless steel



Application

+ For grinding regular and hard steel and stainless steel using belt grinders

We recommend

+ Grit size 24/36/40 for maximum stock removal


+ Grit size 60/80/120 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 very cool grinding

Form	Type number	Dimension	Specification	Grain	PU	
	BELT-PE	34572498	75 x 2000	CA-P94	24	10 Pcs.
		34571573	75 x 2000	CA-P94	36	10 Pcs.
		34572499	75 x 2000	CA-P94	40	10 Pcs.
		34572500	75 x 2000	CA-P94	50	10 Pcs.
		34572511	75 x 2000	CA-P94	60	10 Pcs.
		34572512	75 x 2000	CA-P94	80	10 Pcs.
		34572517	150 x 2000	CA-P94	24	10 Pcs.
		34572520	150 x 2000	CA-P94	36	10 Pcs.
		34572532	150 x 2000	CA-P94	40	10 Pcs.
		34572533	150 x 2000	CA-P94	50	10 Pcs.
		34572534	150 x 2000	CA-P94	60	10 Pcs.
		34572535	150 x 2000	CA-P94	80	10 Pcs.

TYROLIT SCHLEIFMITTELWERKE SWAROVSKI AG & Co K.G.

Swarovskistrasse 33 | 6130 Schwaz | Austria

Tel +43 5242 606-0 | Fax +43 5242 63398

Our **worldwide subsidiary companies** can be found on our website
at www.tyrolit.com



Find us on social media
TYROLITgroup