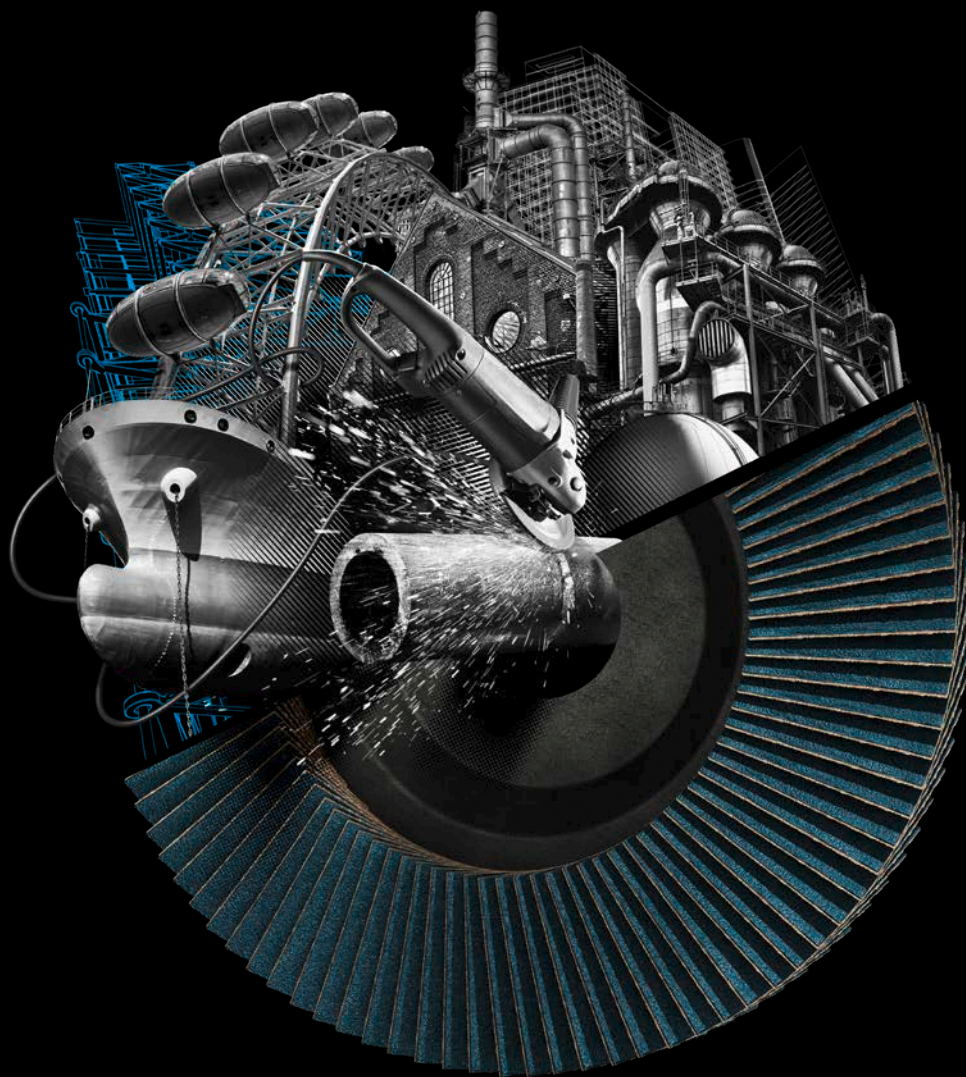


EN



## Product Innovations 2021 / 1

Premium grinding tools since 1919  
[www.tyrolit.com](http://www.tyrolit.com)

**TYROLIT**

# 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.

Since 1919, our innovative tools have made an important contribution to the technological development in many industries. TYROLIT offers tailored grinding solutions for various applications, as well as a comprehensive assortment of standard tools for customers all over the world.

Headquartered in Schwaz (Austria), the family-owned business combines the strengths of being a part of the dynamic Swarovski Group with a century's worth of individual corporate and technological experience.



TYROLIT headquarters in Schwaz (Austria)

## Facts & Figures



**80.000**  
products



**29**  
production sites



**4.400+**  
employees worldwide



**36**  
sales locations



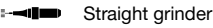
**500+**  
worldwide patents

Sales companies in Argentina, Australia, Austria, Belgium, Brazil, Canada, China, Czechia, Denmark, Estonia, Finland, France, Germany, Hungary, India, Indonesia, Italy, the Netherlands, Norway, Poland, Portugal, Russia, South Africa, South Korea, Spain, Sweden, Switzerland, Thailand, the UAE, the UK and the USA. Distributors in 65 other countries.

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# Symbols





## Rail cut-off wheels

with universal bore for rail

+ Integrated reduction bush enables use on machines with 20 mm and 25.4 mm spindle

+ Hard specification for increased lifetime and improved cutting performance



+ Cleanest surfaces without any discolouration reduces rework and working times

+ Very comfortable working without great effort



### Application:

- + For cutting rails
- + Developed for use on manual cut-off machines with electric motor or petrol engine



### Rail cut-off wheels with universal bore for rail



	Shape	Type no.	Dimension	Specification	PU
	 41H	34517333	300 × 3,5 × 20/25,4	A24T-BF100	10
		34517332	350 × 3,8 × 20/25,4	A24T-BF100	10
		34517334	400 × 4,3 × 20/25,4	A24T-BF100	10



# CERABOND X (CA-P94 V) fibre discs

for steel and stainless steel

+ Extremely fast stock removal thanks to a unique grain structure



+ Cooling layer for maximum lifetime

+ Consistent abrasiveness

**Application:**

+ For coarse grinding work as well as for removing rust and burrs from 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



## CERABOND X (CA-P94 V) fibre discs



for steel and stainless steel



Shape		Type no.	Dimension	Grain	PU	
		Disc V	34486168	115×22	24	25
			34486170	115×22	36	25
			34486193	115×22	40	25
			34486194	115×22	60	25
			34486195	115×22	80	25
			34486196	115×22	120	25
			34486197	125×22	24	25
			34486199	125×22	36	25
			34486201	125×22	40	25
			34486202	125×22	60	25





Shape	Type no.	Dimension	Grain	PU
 Disc V	34486204	125 × 22	80	25
	34486205	125 × 22	120	25
	34486206	180 × 22	24	25
	34486207	180 × 22	36	25
	34486209	180 × 22	40	25
	34486211	180 × 22	60	25
	34486214	180 × 22	80	25
	34486217	180 × 22	120	25
	34480494	115 × 22	24	50
	34480447	115 × 22	36	50
	34480448	115 × 22	40	50
	34480449	115 × 22	60	50
	34480450	115 × 22	80	50
	34480471	115 × 22	120	50
	34480472	125 × 22	24	50
	34480473	125 × 22	36	50
	34480474	125 × 22	40	50
	34480475	125 × 22	60	50
	34480476	125 × 22	80	50
	34480477	125 × 22	120	50
	34480478	180 × 22	24	50
	34480479	180 × 22	36	50
	34480480	180 × 22	40	50
	34480491	180 × 22	60	50
	34480492	180 × 22	80	50
	34480493	180 × 22	120	50



## SCM XC discs (extra cushion)

universal use

+ Open structure prevents clogging and heat built-up

+ Very low vibrations thanks to the integrated centering hole

+ Free of corrosive elements

+ Extremely long lifetime



### Application:

- + For removing rust, paint, lacquer and for repairing lightly damaged surfaces
- + For finishing, matting and blending with very little roughness
- + Best suitable for stainless steel and nonferrous metals

### We recommend:



- + Use on adjustable angle grinders
- + "COARSE" grain for cleaning, derusting, removing of layers and for "Final Finish"
- + "MEDIUM" grain for light cleaning, deburring and "Final Finish"
- + "VERY FINE" grain as last step



## SCM XC discs (extra cushion)

universal use



Shape	Type no.	Dimension	Design	Colour	Max. RPM	Rec. speed	PU
  Disc	34529696	115 × 22	COARSE	BROWN	13 000	8–9.000	20
	34529699	115 × 22	MEDIUM	RED	13 000	8–9.000	20
	34529701	115 × 22	VERY FINE	BLUE	13 000	8–9.000	20
	34529704	125 × 22	COARSE	BROWN	12 000	7–8.500	20
	34529706	125 × 22	MEDIUM	RED	12 000	7–8.500	20
	34529707	125 × 22	VERY FINE	BLUE	12 000	7–8.500	20



# CUT-ALL Dry cutting saw blades

for any materials

+ Universal application in the construction and landscaping sector: Building materials, concrete, stone, cast iron, composite materials, plastics, glass, wood, sheets and metal sections



+ Ideal for rescue operations by fire brigades and security forces



+ Very long lifetime and consistent cutting performance



## CUT-ALL Dry cutting saw blades

for any materials



	Shape	Type no.	Dimension	Specification	PU	
		UC 3	34503209	115 × 2,8 × 22,23	DC-ALL	1
			34502746	125 × 3,0 × 22,23	DC-ALL	1
			34503208	230 × 3,0 × 22,23	DC-ALL	1
			34503261	350 × 4,1 × 20	DC-ALL	1
			34503262	350 × 4,1 × 25,4	DC-ALL	1





# Flap discs

for stone

+ Very high comfort when working on stone

+ Silicon carbide for good lifetime and very high abrasiveness on stone and glass



+ Trimmable core enables all the abrasive cloth to be used

**Application:**

+ For working on hard and soft stone and glass

**We recommend:**


- + Grit sizes 60 for high stock removal
- + Grit sizes 80-400 for fine work and finishing



## Flap discs

for stone



	Shape	Type no.	Dimension	Specification	PU
	 28N	750507	115 × 22,23	C60U-B	10
		750510	115 × 22,23	C80U-B	10
		750511	115 × 22,23	C120U-B	10
		750526	115 × 22,23	C220U-B	10
		750532	115 × 22,23	C400U-B	10
		750535	178 × 22,23	C60U-B	10
		750536	178 × 22,23	C80U-B	10
		750537	178 × 22,23	C120U-B	10
		750540	178 × 22,23	C220U-B	10
		750541	178 × 22,23	C400U-B	10



## LONGLIFE cut-off wheels with DEEP CUT PROTECTION for steel






### Application

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

### Advantage

- + Maximum lifetime thanks to LONGLIFE technology
- + Extremely short working times thanks to excellent cutting ability and a low thermal load on the workpiece (heat build-up)
- + No reworking, such as cleaning or deburring, required

	Shape	Type no.	Dimension	Specification	PU	
		41	34449195	115 × 1,2 × 22,23	A46S-BFP	25
			34449196	125 × 1,2 × 22,23	A46S-BFP	25
			34332757	150 × 1,2 × 22,23	A46S-BFP	25
		42	34480764	115 × 1,2 × 22,23	A46S-BFP	25
			34480765	125 × 1,2 × 22,23	A46S-BFP	25
			34480766	150 × 1,2 × 22,23	A46S-BFP	25



## 2-in-1 cut-off wheels with DEEP CUT PROTECTION 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

	Shape	Type no.	Dimension	Specification	PU	
		41	34472855	115 × 1,2 × 22,23	A46Q-BFP	25
			34472851	125 × 1,2 × 22,23	A46Q-BFP	25
			34332795	150 × 1,2 × 22,23	A46Q-BFP	25
		42	34472853	115 × 1,2 × 22,23	A46Q-BFP	25
			34472852	125 × 1,2 × 22,23	A46Q-BFP	25
			34472854	150 × 1,2 × 22,23	A46Q-BFP	25



## Cut-off wheels with DEEP CUT PROTECTION for stainless steel






### Application

- + For machining different 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 on stainless steel
- + Extremely short working times thanks to excellent cutting ability and a low thermal load on the workpiece (heat build-up)
- + Specially for rust-resistant and acid-resistant steels

	Shape	Type no.	Dimension	Specification	PU	
		41	34449193	115 x 1,2 x 22,23	A46R-BFP	25
			34449194	125 x 1,2 x 22,23	A46R-BFP	25
			34332806	150 x 1,2 x 22,23	A46R-BFP	25
		42	34480761	115 x 1,2 x 22,23	A46R-BFP	25
			34480762	125 x 1,2 x 22,23	A46R-BFP	25
		34480763	150 x 1,2 x 22,23	A46R-BFP	25	





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