



Cast Iron Assortment

Comfort meets Aggressiveness

English

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



31
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.

Content

PREMIUM Cut-off wheels for cast iron	4
PREMIUM CERABOND X Cut-off wheels for cast iron	5
PREMIUM Rough grinding wheels for cast iron	6
PREMIUM VIBSTAR SOFT rough grinding wheels for cast iron	7
PREMIUM CERABOND X rough grinding wheels for cast iron	8
CERABOND X COMFORT rough grinding wheels for cast steel	9
STANDARD Rough grinding wheels for cast iron	10
STANDARD SIC rough grinding wheels for cast iron	11

Pictograms



Angle grinder



Casting materials



Cast Steel



Cut-off wheels

for cast iron

+ Highest aggressiveness with the best service lifetime thanks to innovative production technology

+ Maximum comfort when machining the hardest workpieces

+ New bond system combined with high-quality zircon corundum enables shortest cut-off times

+ Best lifetime for economical work



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



Cut-off wheels for cast iron



	Shape		Type number	Dimensions	Specification	PU
		42	34608661	178 x 3,0 x 22,23	ZA30R-BFP	25
			929887	178 x 3,5 x 22,23	ZA30R-BFP	25
			34608662	230 x 3,0 x 22,23	ZA30R-BFP	25
			929889	230 x 3,5 x 22,23	ZA30R-BFP	25
			34608663	178 x 3,0 x 22,23	ZA30P-BFP	25
			904019	178 x 3,5 x 22,23	ZA30P-BFP	25
			635268	230 x 3,0 x 22,23	ZA30P-BFP	25
			855818	230 x 3,5 x 22,23	ZA30P-BFP	25
			34608664	178 x 3,0 x 22,23	ZA30N-BFP	25
			34608665	178 x 3,5 x 22,23	ZA30N-BFP	25
			34564288	230 x 3,0 x 22,23	ZA30N-BFP	25
			34608666	230 x 3,5 x 22,23	ZA30N-BFP	25
			5496	230 x 3,0 x 22,23	C30S-BFP	25



CERABOND X Cut-off wheels

for cast iron

+ Excellent lifetime and stability

+ Cleanest surfaces without any discolouration, reduces rework and working times



+ Shortest cutting times and comfortable working with low effort

+ Highest aggressiveness over the entire lifetime

Application:

- + For machining various cast materials, such as lamellar graphite cast iron and spheroidal cast iron
- + For cutting very hard, demanding workpieces and large cross-sections

We recommend:

- + Best results when used on powerful angle grinders



CERABOND X Cut-off wheels

for cast iron



	Shape		Type no.	Dimension	Specification	PU
		42	34605362	178 × 3,0 × 22,23	CA30S-BFP	25
			34605364	178 × 3,5 × 22,23	CA30S-BFP	25
			34605365	230 × 3,0 × 22,23	CA30S-BFP	25
			34605366	230 × 3,5 × 22,23	CA30S-BFP	25



Rough grinding wheels

for cast iron

- + Highest stock removal rate thanks to high-quality zirconium aluminium oxide

- + Edge chipping is reduced to a minimum

- + Bond specially adapted to 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
- + MEDIUM (R): the universal type with increased working comfort
- + SOFT (P): exceptional comfort and maximum aggressiveness
- + 4 mm thickness for peripheral grinding (only HARD and MEDIUM) / 7 mm thickness for rough grinding



Rough grinding wheels for cast iron



	Shape	Type no.	Dimension	Specification	PU	
		27	34646723	125 × 7 × 22,23	ZA24R-BFP MEDIUM	10
		34646710	150 × 7 × 22,23	ZA24R-BFP MEDIUM	10	
		34594147	178 × 7 × 22,23	ZA24R-BFP MEDIUM	10	
		34592779	230 × 7 × 22,23	ZA24R-BFP MEDIUM	10	
		34646709	178 × 7 × 22,23	ZA24S-BFP HARD	10	
		34638169	230 × 7 × 22,23	ZA24S-BFP HARD	10	
		34677713	178 × 4 × 22,23	ZA24S-BFP	10	
		34675335	178 × 7 × 22,23	ZA24P-BFP	10	
		34669681	230 × 4 × 22,23	ZA24S-BFP	10	
		34675336	230 × 7 × 22,23	ZA24P-BFP	10	



VIBSTAR SOFT rough grinding wheels

for cast iron

+ VIBSTAR vibration damping developed and patented by TYROLIT enables particularly gentle grinding

+ Multi-layer composition and the permanently attached plastic flange reduce vibrations by up to 50%



+ VIBSTAR technology helps to prevent occupational issues such as muscular and skeletal damage, neurological illnesses and circulatory problems



Application:

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



VIBSTAR SOFT rough grinding wheels for cast iron



	Shape		Type no.	Dimension	Specification	PU
		27	34675378	178 × 7 × 22,23	ZA24P-BFP	10
			34675379	230 × 7 × 22,23	ZA24P-BFP	10



CERABOND X rough grinding wheels

for cast iron

+ Fastest grinding due to the structure of the ceramic grain used

+ Consistent aggressiveness thanks to combination of new bond system with ceramic grain



+ Extensive lifetime and best results without edge chipping

+ Developed for high pressure in the most difficult conditions

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



CERABOND X rough grinding wheels for cast iron



	Shape	Type no.	Dimension	Specification	PU
		34650874	178 x 7 x 22,23	CA24S-BFP	5
		34650875	230 x 7 x 22,23	CA24S-BFP	5



CERABOND X COMFORT rough grinding wheels

for cast steel

+ Fast grinding due to the structure of the ceramic grain used

+ Consistent aggressiveness thanks to combination of new bond system with ceramic grain



+ High working comfort thanks to excellent cutting ability over the entire lifetime

+ Edge chipping is reduced to a minimum

Application:

+ For demanding applications on cast steel, for surface grinding as well as for deburring and smoothing work

We recommend:

+ Optimised for high-frequency and compressed air-driven turbine angle grinders



CERABOND X COMFORT rough grinding wheels

for cast steel



	Shape	Type no.	Dimension	Specification	PU
		34650876	178 x 7 x 22,23	CA24P-BFP	5
		34650932	230 x 7 x 22,23	CA24P-BFP	5



Rough grinding wheels

for cast iron

+ Highest stock removal rate thanks to high-quality zirconium aluminium oxide

+ Bond specially adapted to cast iron enables good lifetime



+ Reduced vibrations and increased user-friendliness

+ Edge chipping is reduced to a minimum

Application:

+ For 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



Rough grinding wheels

for cast iron



	Shape	Type no.	Dimension	Specification	PU	
		27	34652030	178 × 7 × 22,23	ZA24S-BFS	10
			34652161	230 × 7 × 22,23	ZA24S-BFS	10



SIC rough grinding wheels
for cast iron





Application

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

Avantage

- + Specially developed for the removal of cast skin and sandings
- + Low grinding pressure needed
- + High aggressiveness

	Shape	Type no.	Dimension	Specification	PU	
		27	34675339	178 × 6,5 × 22,23	C24S-BFS	10
			34675338	230 × 6,5 × 22,23	C24S-BFS	10

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