



PRODUCT NEWS 2012/2

A Company of the SWAROVSKI Group

TYROLIT



INDEX

INNOVATION

PREMIUM★★★ T-GRIND

NEW PRODUCTS

04	Natural fiber disc 180mm
	2in1 cut-off discs 1.0 and 1.6 mm
	Polishing program
	Cut & Grind
	Rondeller
	PREMIUM ★★★ Tungsten Carbide Burrs
	TGD® Technology DCU/DCH 300/350
	Safety Equipment

RANGE EXTENSION

06	TYROLIT fast change disc	18
09	Cloth rolls	19
10	Cloth sheets	20
12	Flap disc	21
13	Rough grinding wheel	22

TYROLIT is one of the world's largest producers of grinding, cutting, drilling and dressing tools as well as machines for the construction industry. The family-owned company, founded in 1919 and a member of the Swarovski Group, is based in Schwaz, Austria, and currently has over 4,600 employees at 27 production locations in 12 countries. TYROLIT's Construction, Natural Stone, Glass, Metal Fabrication and Precision Machining Divisions manufacture 80,000 different products. They are offered to customers all over the world by 28 sales companies and additional distributors in 65 countries.

We believe that successful business should reward everyone involved. In order to achieve this we regard our customers and end users as partners. This includes offering these partners attractive business propositions, extensive support and a high service level. It also includes providing products that attract and inspire the market. And this brings us back to the starting point, because to achieve this we must constantly develop and produce innovative, high quality products exceeding the end users and the environments demands.

We also believe that relevant information must be prepared quickly and unequivocally today. In addition to personal contact with our sales team, this “product-news”-folder will inform you twice a year, together with our main catalogue, about the latest products and range extensions.



INNOVATIONS FOR GENERATIONS

The future is a vital part of our everyday work at TYROLIT. Everything we do effects the future and is significant for three fundamental concerns: profit, people and planet. We regard it a responsibility to generate profit in order to develop and to provide long-term satisfaction for our customers, stakeholders and employees. We regard it a responsibility to offer professional people innovative, high quality and labor saving products. And we regard it a responsibility to do these things in a sustainable way for our planet, preserving nature’s resources and minimizing environmental impact. The future doesn’t just happen, it is something we create. And we are proud being able to say that we have contributed to it since 1919.

Sustainability represents many things to us. One is the way we design our products to make them durable without compromising their cutting and grinding qualities. Sustainability is also about helping the end users last by minimizing unnecessary strain, reducing noise and enhance efficiency. Sustainability also means long term business relations, and we are proud to say that several of our customer relations date back more than 50 years.



PREMIUM★★★ T-GRIND OPERATING IN A PRODUCTIVE WAY

- High productivity
- More comfortable working
- Low environmental impact

The high drive power of turbine grinders puts enormous demands on the tool. To meet the demands the rough grinding disc PREMIUM★★★ T-GRIND was developed specifically for these machines. This unique product is optimized for applications on turbine and pneumatic grinders and combines long lifetime with aggressiveness, thus guaranteeing high efficiency.

PREMIUM★★★ T-GRIND provides more comfortable working due to the aggressive removal. The high lifetime guarantees a significant reduction of abrasive waste, thereby relieving the environment and reducing disposal costs.

PREMIUM★★★ T-GRIND is the ideal rough grinding disc for shipyards, steel construction companies and foundries.

Wherever weld joints have to be removed, rough deburring operations have to be accomplished, parts of casting skins and sprues have to be cleared or cleaning work has to be carried out, PREMIUM★★★ T-GRIND is the perfect tool.

PREMIUM★★★ T-GRIND was optimized for the use on steel and cast iron (grey cast iron, grey cast iron with spheroidal and lamellar graphite as well as cast steel). As the disc is made free of Fe, S and Cl-containing materials it can be used on stainless steel as well.



INNOVATIONS FOR GENERATIONS

A Company of the SWAROVSKI Group

TYROLIT



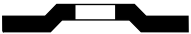

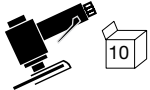
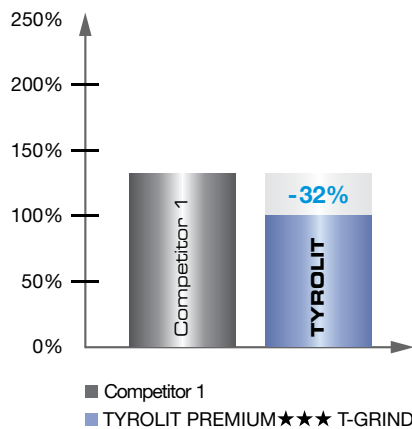
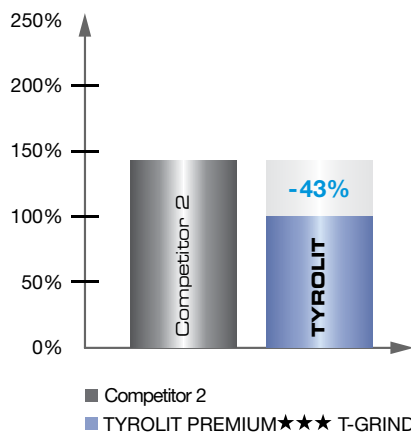
SHAPE	DIMENSION	SPECIFICATION	TYPE-NO.	MATERIAL	MACHINE
	230x7x22,23	ZZA24T-BFK	701515		

Chart: it shows the operating costs of a foundry where turbine grinders are used on GGG50. With TYROLIT PREMIUM★★★ T-GRIND it is possible to reduce the foundry's costs up to 50% in a year.

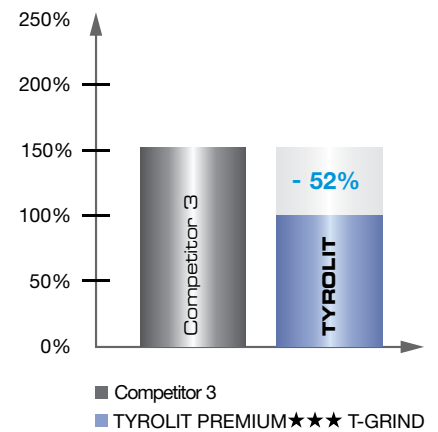
Cost reduction [%]



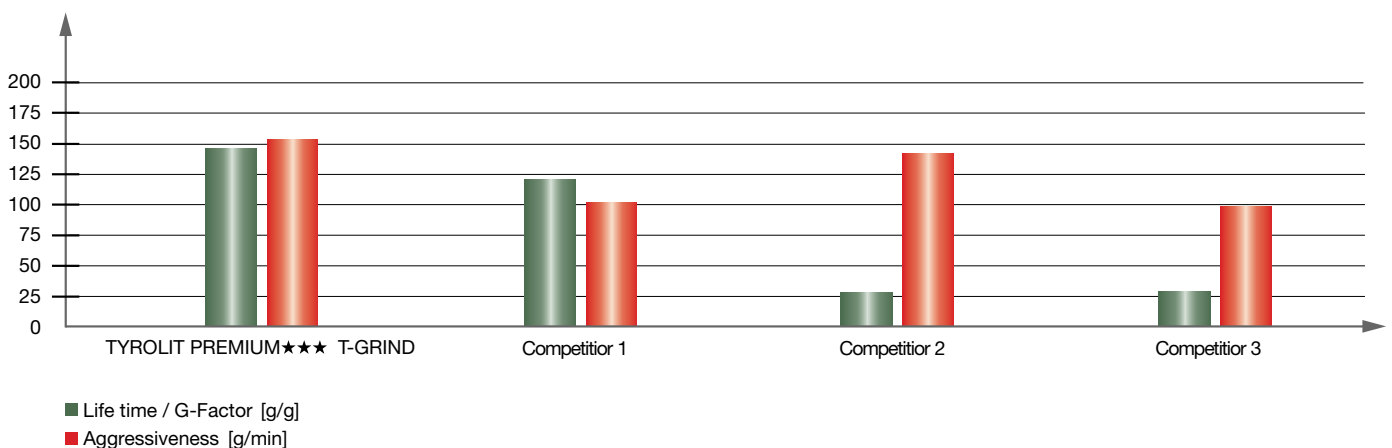
Cost reduction [%]



Cost reduction [%]



Performance chart





PREMIUM★★★ NATURAL FIBER DISC 180MM

A UNIQUE GRINDING WHEEL THAT COMBINES AGGRESSIVENESS WITH A HIGH LEVEL OF WORKING COMFORT






Since its launch TYROLIT PREMIUM★★★ natural fiber discs have revolutionized several industry sectors. The development of 180mm wheels now extends the range of applications with unchanged product advantages.

- Constant high stock removal
- Comfortable and fast working
- Integrated back up pad

TYROLIT PREMIUM★★★ natural fiber disc offers not only a high level of working comfort and total stock removal but also the aggressive characteristics of a vulcanized fiber disc. No back up pad is needed, as it is an integral part of the product – therefore the problem of over-heating the back-up pad is omitted. With the benefit of an outstanding lifetime, tool changes are minimized, efficiency increased and process times are significantly reduced.

The structure of the TYROLIT PREMIUM★★★ natural fiber disc is made of natural jute fibers. In addition to preserving our natural resources this product is resistant against humidity and provides a strong but flexible structure which allows easy usage also on uneven work pieces.

For maximal usage of the TYROLIT PREMIUM★★★ natural fiber disc, the worn part of the disc can easily be dressed down. The newly acquired useable area allows continuous grinding and provides maximum working comfort.

SHAPE	TYPE-NO.	DIMENSION	GRAIN	SPECIFICATION	BACKING	MAX. RPM	MATERIAL	MACHINE
	706125	115x22	36	ZA-P43	N	13'300		
	706126	125x22				12'300		
	706127	180x22				8'600		
	706128	115x22	36	ZA-P48	N	13'300		
	706129	125x22				12'300		
	706130	180x22				8'600		
	712259	115x22	36	CA-P93	N	13'300		
	712268	125x22				12'300		
	712269	180x22				8'600		

Convincing benefits

- Constant high stock removal
- Very high lifetime
- Easier storage with no deformation caused by humidity
- Environmental friendly backing material using jute fibers

Accessories for TYROLIT PREMIUM★★★ Natural fiber discs

Support set recommended for easier handling of the TYROLIT PREMIUM★★★ natural fiber disc when grinding on flat surfaces

SHAPE	TYPE-NO.	DIMENSION
100SFL	21381	42x22,23 M14





PREMIUM ★★★ TYROLIT NATURAL FIBER DISC
COMFORTABLE AGGRESSION

A Company of the SWAROVSKI Group
www.tyrolit.com

TYROLIT

MORE FROM LESS

INTRODUCING THE NEXT GENERATION OF CUTTING DISCS

Thanks to our new innovative technology our new super-thin cut-off wheels will help you get a lot more done with a lot less waste. And at the same time preserve your resources along with nature's.

This also means additional benefits as: More productivity, less additional work, less strain on you. But don't waste any more of your time on this ad. Visit your TYROLIT dealer now and convince yourself.

INNOVATIONS FOR GENERATIONS



PREMIUM★★★ 2IN1 SUPER THIN NEXT GENERATION CUT OFF WHEEL

- More productivity
- Two applications with one wheel
- Constant high free cutting ability

TYROLIT PREMIUM★★★ next generation cut-off discs increase productivity significantly, will help you get a lot more done with a lot less waste and at the same time preserve your resources along with nature's. The newly developed PREMIUM *** 2in1 discs are available with both 1.0 and 1.6 mm width, thus allowing a wide range of applications.

PREMIUM★★★ 2in1 cut-off discs for angle grinders enable the machining of steel and stainless steel (INOX) with only one tool. The machining of stainless steel grades requires chemical purity, free from iron, sulfur and chlorine, of the tools to avoid negative influences such as material corrosion, pitting or reduction in fatigue strength.

Next generation cut-off discs provide several convincing benefits:

- Two applications with one wheel
- Chemical purity of tools avoid negative work-piece influences (material-, pitting corrosion or reduction in fatigue strength)
- Significant increase, lifetime and cutting ability equally improved
- Short cutting times, extremely free cutting, rough side-surfaces
- Less noise and vibration
- Improved first-cut behaviour offering free cutting from the start
- Superior wear out behaviour with stable cutting ability over entire diameter, without kick back or tendency to get stuck
- Perfect exploitation of raw material leaving 30% less cutting dust
- Less stress on the work piece material reducing extra work like cleaning and deburring
- Forgiving wheel construction, stronger without breaking



SHAPE	DIMENSION	SPECIFICATION	TYPE-NO.	MATERIAL	MACHINE
	115 x 1.0 x 22.23	A60Q-BFKA	773268		
	125 x 1.0 x 22.23	A60Q-BFKA	773269		
	115 x 1.6 x 22.23	A46Q-BKA	14082		
	125 x 1.6 x 22.23	A46Q-BKA	14085		

TYROLIT PREMIUM*** POLISHING PROGRAM

FOLLOW OUR METHOD TO TRANSFORM A RAW SURFACE INTO A MIRROR FINISH

PREMIUM*** CONDITIONING

IDEAL FOR REMOVING ROUGH SCRATCHES



Removing rough scratches

PREMIUM*** CONDITIONING is the perfect solution for this step. It removes all rough scratch marks from the surfaces to be machined. A multi-dimensional flap design reduces clogging and prevents unwanted material discoloration.

Recommendation: grit size „Medium“



SHAPE	DIMENSIONS	SPECIFICATION	TYPE-NO.	MATERIAL	APPLICATION	MACHINE
28PCA	115x22.23	Coarse	742155		Cleaning; preparing to polish; removing scratch and chatter marks	
	115x22.23	Medium	742157			
	115x22.23	Very fine	742158			
	125x22.23	Coarse	742148			
	125x22.23	Medium	742153			
	125x22.23	Very fine	742154			

Convincing benefits

Can be used at high speeds | No disc clogging | Quiet, with little heat build-up

Recommended speeds: 115 x 22,23 • 3.500 U/min | 125 x 22,23 • 3.000 U/min

PREMIUM*** PRE-POLISH

PREPARING TO POLISH



Preparing to polish

PREMIUM*** PRE-POLISH provides the finest surface preparation for polishing and adapts to the material surface.

Recommendation: grit size „Fine-P“



SHAPE	DIMENSIONS	SPECIFICATION	TYPE-NO.	MATERIAL	APPLICATION	MACHINE
28PUA	115x22.23	Medium-Q	742379		Light deburring; cleaning; pre-polishing and polishing	
	115x22.23	Fine-P	742380			
	115x22.23	Very fine-P	742381			
	125x22.23	Medium-Q	742382			
	125x22.23	Fine-P	742384			
	125x22.23	Very fine-P	742385			

Convincing benefits

Exceptional near-mirror finish quality | Adapts to the workpiece surface | Extremely robust, also suitable for light deburring

Recommended speeds: 115 x 22,23 • 4.000 U/min | 125 x 22,23 • 3.600 U/min

PREMIUM★★★ POLISH

FINAL STEP TO A MIRROR FINISH

3




Polishing

PREMIUM★★★ POLISH creates the perfect mirror finish. Different grinding pastes enable the machining of different materials, such as steel, stainless steel and nonferrous metals.



Recommendation: SHF with polishing paste „S-POLISH“






SHAPE	DIMENSIONS	SPECIFICATION	TYPE-NO.	APPLICATION	MACHINE
28PWA	115x22.23	SHF	742378	To achieve surfaces with a mirror finish	
	125x22.23	SHF	742375		

Convincing benefits

Perfect mirror finish | Cool grinding due to flaps | High flexibility

Recommended speeds: 115 x 22,23 • 1.800 U/min | 125 x 22,23 • 1.500 U/min



PREMIUM★★★ POLISHING PASTES

FORM	DIMENSIONS	SPECIFICATION	TYPE-NO.	MATERIAL	APPLICATION	MACHINE
90 PP	30x20x90 (100g)	Polish (white)	741230		Polish for preparing for a mirror finish; S-POLISH for the perfect mirror finish	 100g 
	30x20x90 (100g)	S-Polish (blue)	741291			
	65x45x160 (600g)	Polish (white)	741347			
	65x45x160 (600g)	S-Polish (blue)	741349			
	30x20x90 (100g)	Polish NE (brown)	741285		POLISH-NE, specially developed for high gloss polishing of nonferrous metals	600g 
	65x45x160 (600g)	Polish NE (brown)	741348			

PREMIUM★★★ COMBI

FLAP DISCS FOR UNIVERSAL USE



SHAPE	DIMENSIONS	SPECIFICATION	TYPE-NO.	MATERIAL	APPLICATION	MACHINE
27PLCA	115x22.23	120-M	742167		Light deburring; removing smaller welding seams; finishing	
	125x22.23	120-M	742168			

Convincing benefits

Far longer service life than conventional conditioning discs | Removing and finishing in a single step | Low dust formation

Recommended speeds: 115 x 22,23 • 4.000 U/min | 125 x 22,23 • 3.500 U/min

For detailed information please see our product flyer.

PREMIUM★★★ AND BASIC★ CUT&GRIND

SAFE HIGH-PERFORMANCE CUTTING AND GRINDING WITH ONE TOOL

- Increased efficiency
- Maximum safety
- Impressive performance

TYROLIT is the innovator of super thin cut-off discs, the first European manufacturer of fiber-reinforced abrasive materials for safe use and inventor of the multilayer composition, which ensures an easy start while protecting the user optimally.




PREMIUM★★★ and BASIC★ CUT&GRIND are therefore a further step to improve safety and enable high-performance cutting and grinding at the same time with one specially developed tool.

PREMIUM★★★ and BASIC★ CUT&GRIND are grinding discs that convince with high performance even when cutting. Thereby the multilayer structure guarantees maximum performance from the start without sacrificing safety properties. As a result, applications such as grinding, deburring and shaping as well as cutting or plunge grinding are possible with only one tool.




PREMIUM★★★ und BASIC★ CUT&GRIND are approved for hand-held cutting and grinding with an operating speed up to 80m/s. For maximum security they exceed the safety requirements EN 12413.

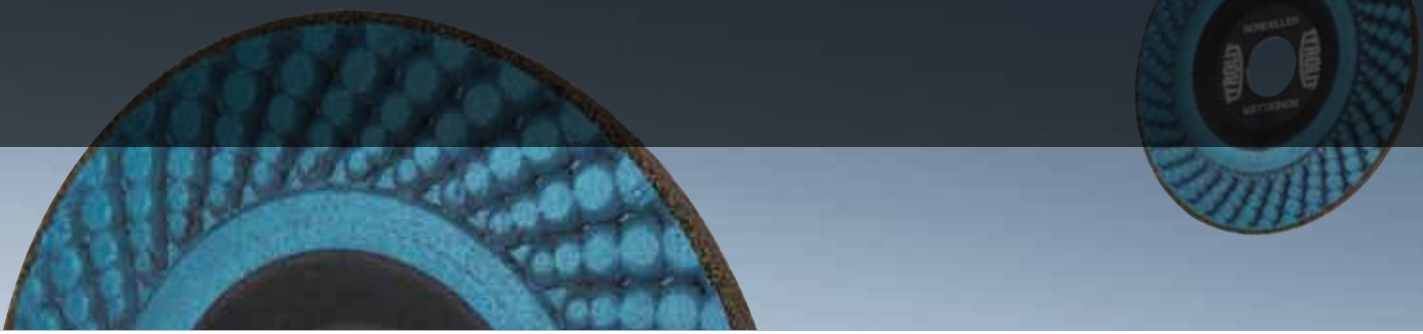


PREMIUM★★★

SHAPE	DIMENSIONS	SPECIFICATION	TYPE-NO.	MATERIAL	MACHINE
 42F	115x2,5x22.23	A30Q-BFXA	757090		
	125x2.5x22.23	A30Q-BFXA	743945		
	150x3x22.23	A30Q-BFXA	743946		
	178x3.5x22.23	A30Q-BFXA	743947		

BASIC★

SHAPE	DIMENSIONS	SPECIFICATION	TYPE-NO.	MATERIAL	MACHINE
 42C	100x2.5x16	A30Q-BF	743938		
	115x2.5x22.23	A30Q-BF	743942		
	125x2.8x22.23	A30Q-BF	757089		
	178x3.5x22.23	A30Q-BF	743944		



PREMIUM★★★ RONDELLER® PEAK PERFORMANCE AND REAL COOL GRINDING

- No discoloration of workpiece material
- Highly improved removal rate
- Universally applicable – as well on uneven and curved surfaces













Reduced noise level, universally applicable and nearly no vibrations: the new semiflexible TYROLIT PREMIUM★★★ RONDELLER® combines product advantages of various grinding tools. Moreover, a completely new knob pattern and a knob volume which was increased by 50%, provide a highly improved total stock removal rate.

The optimization of the knob-shape and -arrangement improves the chip removal and the cooling effect during grinding and therefore reduces unwanted discolorations of workpieces. The perfect adaption of the semi-flexible RONDELLER® increases the functionality on uneven and curved surfaces when you are grinding, deburring and shaping.

With the available diameters of 115, 125 and 178mm TYROLIT PREMIUM★★★ RONDELLER® provides universally applicable professional solutions for the application on steel, stainless steel (INOX), cast iron, non-ferrous metals (copper, brass, bronze, aluminum), for stone processing (concrete, natural stone) and for the processing of plastic, composite materials, fiberglass, filler or polyester.

PREMIUM★★★ RONDELLER® are admitted for hand-held machines with an operating speed up to 80m/s. TYROLIT RONDELLER® meet the safety requirements of EN 12413 and oSa.



SHAPE	DIMENSIONS	SPECIFICATION	TYPE- NO.	MATERIAL	MACHINE
 29RON	115 x 22.23	A24-BF	57004	   	 
	115 x 22.23	A36-BF	908225		
	115 x 22.23	A60-BF	908226		
	125 x 22.23	A24-BF	57005		
	125 x 22.23	A36-BF	908227		
	125 x 22.23	A60-BF	908229		
	178 x 22.23	A24-BF	57006		
	178 x 22.23	A36-BF	908230		
 29RON	115 x 22.23	C36-BF	908233	 	 
	115 x 22.23	C60-BF	948218		
	178 x 22.23	C36-BF	908220		
	178 x 22.23	C60-BF	908221		
	178 x 22.23	C100-BF	908223		
	178 x 22.23	C180-BF	908224		

Main applications

- Apparatus and tank construction
- Automotive engineering
- Pipeline construction
- Shipyards
- Steel construction, metal working





PREMIUM★★★ TUNGSTEN CARBIDE BURRS

Are great to finish external edges, ideal for the production of internal and external chamfers, the unique shape design gives a versatility that makes them suitable for use across a wide range of jobs. Reduces the need for consumable and tool changes, saving you time as well as money.

Features & Benefits

- Unique inverted curve → ideal for creating smooth radius on sharp corners
- Unique guide system → ease of control on sharp edges
- Special tooth geometry → smooth cutting action using all faces and rapid material removal
- CNC machined → high consistent quality
- Manufactured from high quality sintered tungsten carbide → guaranteed high performance and durability
- Manufactured strict quality control standards → incorporates 100% inspection of braze joints
- Versatile → can be used on a wide variety of material e.g. titanium, bronze, stainless steel, cast iron, brass, etc

General Information



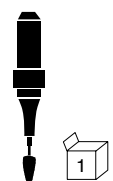

Available in coated, standard, extra long, miniature, special and non-ferrous configurations. Shapes include cylinder, ball, oval, tree, flame, countersink, cone, inverted cone, rim, and custom designs:

52SKM-N unique combination of SKM and WKN
 52ZYA-R corner radius at the top of the cylinder

Features & Benefits

- Corner radius at the top of the cylinder
- Offers improved flute strength at the start of the burr
- The radius provides better control of the burr
- Prevents digging into the work-piece at the intersecting point
- Produces a corner radius on the work-piece
- Reduces flute chipping at the intersecting points



SHAPE		SPECIFICATION	TYPE-NO.	MATERIAL	MACHINE
	12x25-6x70	MY	20487		
	3x13-3x38	MX	20553		
	6x16-6x50	MX	20555		
	8x19-6x65	MX	20557		
	10x19-6x65	MX	20565		
	12x25-6x70	MX	20587		
16x25-6x70	MX	20590			

PREMIUM★★★ DRY CUTTING BLADE DCU★★★ 4IN1 AND DCH★★★

PEEK PERFORMANCE WITH TGD®-TECHNOLOGY ON
UNIVERSAL BUILDING MATERIALS AND HARDSTONE


- Low cutting costs
- Less effort for the user
- Increased economic efficiency

The new TYROLIT PREMIUM★★★ dry cutting blades DCU★★★ 4in1 and DCH★★★ delight with perfect cutting performance, maximum lifetime and absolute smooth cutting effect. The combination of the proven TGD® technology and the optimized 14mm high segments guarantees optimal functionality and performance throughout the whole lifetime.

The quiet running reached by TGD® technology does not only provide clean cuts which do not need remachining, but also generates less vibrations. This leads to less effort for the user and the machine. Particularly in continuous operation these advantages are economically significant: The user can distribute his performance constantly over the day and machines remain operational for a longer time.

PREMIUM★★★ dry cutting blade DCU★★★ 4 in 1

The universally applicable dry cutting blade DCU★★★ 4in1 convinces with outstanding power ratings when cutting concrete, hardstone, abrasive materials and steel. This universal application type provides a product to the user, which is ready for operation at any time without disk changes and which guarantees a successful conclusion of a project. In addition, high stocks and disposition expenses are omitted.

DIMENSION	SEG. HEIGHT	TYPE-NO.	MACHINE
230 x 2.4 x 22.23	14 mm	704617	
300 x 2.6 x 20	14 mm	736088	
350 x 3 x 20	14 mm	736102	

Convincing benefits:

- Low cutting costs due to high cutting speed
- Less effort for the user due to extremely smooth cutting effect
- Universal application on concrete, hardstone, abrasive materials and steel

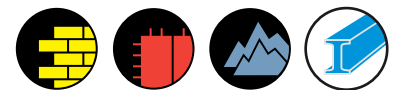
PREMIUM★★★ dry cutting blade DCH★★★

The dry cutting saw blade DCH★★★, developed particularly for hard stone, impresses with its cutting speed and smooth running characteristics. Reduced energy expenditure over the whole lifetime enable a higher productivity. The segments, perfectly optimized on application, create very clean edges and guarantee a perfect result.

DIMENSION	SEG. HEIGHT	TYPE-NO.	MACHINE
230 x 2.4 x 22.23	14 mm	707365	
300 x 2.6 x 20	14 mm	736095	
350 x 3 x 20	14 mm	736105	

Convincing benefits:

- Low cutting costs due to high cutting speed
- Less effort for the user due to extremely smooth cutting effect
- No remachining due to very clean edges





TYROLIT SAFETY EQUIPMENT

HIGH WEARING COMFORT, PROTECTION AND SAFE WORKING




TYROLIT is one of the leading manufacturers of bonded abrasives of all kinds. Only with high-quality products and specially designed equipment peak performances can be achieved. The user is in the center of a perfect interaction between human, machine and tool.

Being adequate to this requirement the focus of TYROLIT Safety Equipment is on the personal protection while working. In close cooperation with professional users and leading manufacturers TYROLIT develops high-quality safety equipment that is optimized especially for the premium needs of professional users. Selected materials that are used for example in professional motor sports or fighting fires, ensure long lifetime and provide maximum protection for everyday use.



Safety glasses

- TYROLIT safety glasses are mist-free, scratch-resistant and antistatic due to a special coating
- Adjustable temples and temple length ensure maximum wearing comfort
- Four pillows provide a pressure-free fit behind the ear

DESIGN	TYPE-NO	MATERIAL	UV	CE	INFO
 clear	742308	Polycarbonat	2-1.2	EN 166 + EN 170	High mechanical protection
 grey	742309	Polycarbonat	5-2.5	EN 166 + EN 172	High mechanical protection 100% UV protection
 blue mirror	742301	Polycarbonat	5-2.5	EN 166 + EN 170	High mechanical protection; 100% UV protection especially in jobs with high visual demands these lenses support eased seeing



Working gloves

- High-tech silicone gel padding minimizes vibrations, reduces the fatigue and the numbness of the hands and prevents vibration induced damages
- Gel padding reduces the straining of the carpal canal and the ulnar nerve and thus prevents injuries such as the carpal tunnel syndrome
- Certified according to DIN EN 388:2003
- The back of the hand is flame-retardant due to CARBON X
- Knuckle protection of high quality
- Finest goat leather and seamless fingertips improve the gripping feeling
- Adjustable wrist closure
- All standard sizes available



ITEM	TYPE-NO.
Gloves XS	742321
Gloves S	742318
Gloves M	742317
Gloves L	742313
Gloves XL	742319
Gloves XXL	742324



Ear protection device

The foldable ear protection device is equipped with a high-quality steel frame and a two-point suspension for optimum protection and comfort, particularly in long-term use.

Type-NO. 742300

EN252-1:2002		SNR 31 DB		H: 34DB(A)		M: 29DB(A)		L: 21 DB(A)	
f/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean dB(A)	17.9	21.6	33.2	38.2	35.2	34.7	36.2	40.5	38.8
Standard dB(A)	3	2.7	2.7	4.1	3.3	2.7	2.9	3.3	3
APV dB(A)	14.9	18.9	30.5	34.1	31.9	31.9	33.3	37.2	35.8



DUAL ACTION SANDERS

TYROLIT FAST CHANGE DISC

PREMIUM★★★ C-P65 P E

This strong E paper will give you a good support in all from finishing of metal, lacquer, composites, marble and stone.



	TYPE-NO.	DIMENSIONS	GRIT SIZE	SPECIFICATION	BACKING	TYPE	PU
	6957	125	40	C-P65 P E	P E	TFC	50
	6958	125	60	C-P65 P E	P E	TFC	50
	6960	125	80	C-P65 P E	P E	TFC	50
	6964	125	120	C-P65 P E	P E	TFC	50
	6968	125	180	C-P65 P E	P E	TFC	50
	6969	125	220	C-P65 P E	P E	TFC	50
	6979	125	320	C-P65 P E	P E	TFC	50
	6991	125	400	C-P65 P E	P E	TFC	50
	6993	125	600	C-P65 P E	P E	TFC	50
	7007	125	800	C-P65 P E	P E	TFC	50
	7008	180	40	C-P65 P E	P E	TFC	50
	7030	180	60	C-P65 P E	P E	TFC	50
	7055	180	80	C-P65 P E	P E	TFC	50
	7058	180	120	C-P65 P E	P E	TFC	50
	7070	180	180	C-P65 P E	P E	TFC	50
	7072	180	220	C-P65 P E	P E	TFC	50
	7086	180	320	C-P65 P E	P E	TFC	50
	7087	180	400	C-P65 P E	P E	TFC	50
	7093	180	600	C-P65 P E	P E	TFC	50
	7100	180	800	C-P65 P E	P E	TFC	50



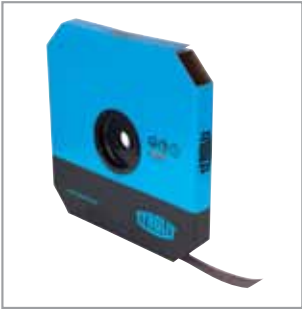
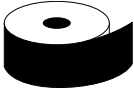
DUAL ACTION SANDERS

CLOTH ROLLS

BASIC★ A-B01 C JJ

The aluminium oxide grain gives a sharp and fast cutting abrasive for polishing, finishing, sanding and deburring in any kind of maintenance department, tool and welding shops. With the flexible backing you can tear the Economy/Handy roll to the desired length. The flexibility makes it ideal for contour work and for use on turning parts in lathes. Every roll comes in an easy cardboard dispenser.



	TYPE-NO.	DIMENSIONS	GRIT SIZE	SPECIFICATION	BACKING	TYPE	PU	STOCK
  Roll	20781	40x50M	60	A-B01	C JJ	ECONOMY	1	Yes
	20793	40x50M	80	A-B01	C JJ	ECONOMY	1	Yes
	20794	40x50M	100	A-B01	C JJ	ECONOMY	1	Yes
	20796	40x50M	120	A-B01	C JJ	ECONOMY	1	Yes
	20797	40x50M	150	A-B01	C JJ	ECONOMY	1	Yes
	20798	40x50M	180	A-B01	C JJ	ECONOMY	1	Yes
	20799	40x50M	220	A-B01	C JJ	ECONOMY	1	Yes
	20801	40x50M	240	A-B01	C JJ	ECONOMY	1	Yes
	20803	40x50M	320	A-B01	C JJ	ECONOMY	1	Yes
	20805	40x50M	400	A-B01	C JJ	ECONOMY	1	Yes
	20806	50x50M	60	A-B01	C JJ	ECONOMY	1	Yes
	20807	50x50M	80	A-B01	C JJ	ECONOMY	1	Yes
	20811	50x50M	100	A-B01	C JJ	ECONOMY	1	Yes
	20813	50x50M	120	A-B01	C JJ	ECONOMY	1	Yes
	20816	50x50M	150	A-B01	C JJ	ECONOMY	1	Yes
	20817	50x50M	180	A-B01	C JJ	ECONOMY	1	Yes
	20819	50x50M	220	A-B01	C JJ	ECONOMY	1	Yes
	20821	50x50M	240	A-B01	C JJ	ECONOMY	1	Yes
	20822	50x50M	320	A-B01	C JJ	ECONOMY	1	Yes
	20824	50x50M	400	A-B01	C JJ	ECONOMY	1	Yes



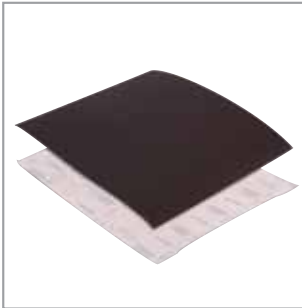
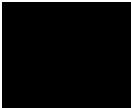
HAND AND ORBITAL SANDERS

CLOTH SHEETS

BASIC★ A-B01 C JJ

The semi flexible backing with aluminium oxide grains provides an ideal tool for cloth sheets. The excellent tearability allows tearing to the desired length and width for use on all materials including steel, stainless steel, wood.



	TYPE-NO.	DIMENSIONS	GRIT SIZE	SPECIFICATION	BACKING	PU	STOCK
  Sheet	20832	230x280	60	A-B01	C JJ	50	Yes
	20833	230x280	80	A-B01	C JJ	50	Yes
	20834	230x280	100	A-B01	C JJ	50	Yes
	20835	230x280	120	A-B01	C JJ	50	Yes
	20836	230x280	150	A-B01	C JJ	50	Yes
	20842	230x280	180	A-B01	C JJ	50	Yes
	20844	230x280	220	A-B01	C JJ	50	Yes
	20851	230x280	240	A-B01	C JJ	50	Yes
	20860	230x280	320	A-B01	C JJ	50	Yes
	20868	230x280	400	A-B01	C JJ	50	Yes




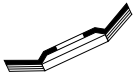
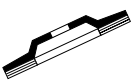
GRINDING | ANGLE GRINDER



PREMIUM★★★ FLAP DISC

Construction/materials able to be machined: By virtue of the self-sharpening, ceramic abrasive grit, the PREMIUM★★★ CERAMIC flap disc is particularly suitable for high-alloyed steels and demanding grinding applications. The cool grinding ensures a longer tool life and reduces discoloration on the workpiece surface. By continually generating new cuts over the wheel life, a more consistent surface finish is produced.

Details: In ceramic grain, fine aluminium oxide crystals are combined together through a sintering process. As a result of the grinding forces, these microcrystals break out during the grinding process, meaning that the abrasive grain always obtains new, sharp cutting edges.

	TYPE-NO.	SHAPE	DIMENSIONS	SPECIFICATION	UP	CLASSIFICATION
  27A  28A / 28N	645130	27A	115x22.23	CA40-B	10	Ceramic
	645132	27A	115x22.23	CA60-B	10	Ceramic
	645135	27A	125x22.23	CA40-B	10	Ceramic
	645137	27A	125x22.23	CA60-B	10	Ceramic
	719797	28A	115x22.23	CA40-B	10	Ceramic
	719798	28A	115x22.23	CA60-B	10	Ceramic
	719799	28A	125x22.23	CA40-B	10	Ceramic
	719800	28A	125x22.23	CA60-B	10	Ceramic
	719840	28N	115x22.23	CA40-B	10	Ceramic
	719841	28N	115x22.23	CA60-B	10	Ceramic
	719846	28N	125x22.23	CA40-B	10	Ceramic
	719847	28N	125x22.23	CA60-B	10	Ceramic


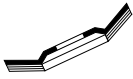
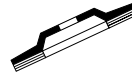


BASIC★ FLAP DISC

Construction/materials able to be machined: Universal use on all metals in industry and the handicrafts sector. For angle grinders of any power. Surface grinding, edge grinding, welding-seam machining and deburring.

Details: 27A/28A supporting discs made of rigid fibre glass; powerful angle grinders enhance the performance of all basic flap discs. 28N supporting discs made of plastic, excellent mechanical properties, oil and grease resistant



	TYPE-NO.	SHAPE	DIMENSIONS	SPECIFICATION	PU	CLASSIFICATION
  27A  28A / 28N	474872	27A	100x16	ZA40-B	10	2in1
	474874	27A	100x16	ZA60-B	10	2in1
	474875	27A	100x16	ZA80-B	10	2in1
	474877	27A	100x16	ZA120-B	10	2in1
	273884	27A	115x22.23	ZA40-B	10	2in1
	273810	27A	115x22.23	ZA60-B	10	2in1
	273871	27A	115x22.23	ZA80-B	10	2in1
	719788	27A	115x22.23	ZA120-B	10	2in1
	273872	27A	125x22.23	ZA40-B	10	2in1
	273873	27A	125x22.23	ZA60-B	10	2in1
	273874	27A	125x22.23	ZA80-B	10	2in1
	719793	27A	125x22.23	ZA120-B	10	2in1
	320318	28A	115x22.23	ZA40-B	10	2in1
	320320	28A	115x22.23	ZA60-B	10	2in1
	320322	28A	115x22.23	ZA80-B	10	2in1
	719794	28A	115x22.23	ZA120-B	10	2in1
	320319	28A	125x22.23	ZA40-B	10	2in1
	320321	28A	125x22.23	ZA60-B	10	2in1
	320323	28A	125x22.23	ZA80-B	10	2in1
	719796	28A	125x22.23	ZA120-B	10	2in1








	TYPE-NO.	SHAPE	DIMENSIONS	SPECIFICATION	PU	CLASSIFICATION
	246870	28N	115x22.23	ZA40-B	10	2in1
	246871	28N	115x22.23	ZA60-B	10	2in1
	246872	28N	115x22.23	ZA80-B	10	2in1
	728649	28N	115x22.23	ZA120-B	10	2in1
	728650	28N	125x22.23	ZA40-B	10	2in1
	728657	28N	125x22.23	ZA60-B	10	2in1
	728659	28N	125x22.23	ZA80-B	10	2in1
	728661	28N	125x22.23	ZA120-B	10	2in1

 **PREMIUM★★★
ROUGH GRINDING WHEEL**

Construction/materials able to be machined: softer, aggressive design in Q grade. High-performance rough grinding wheel for surface and edge grinding.

Details: Fast, convenient work without any exertion. 4.0mm high stock removal performance for use in pipeline construction. 7.0 and 8.0mm for welding and root welding, particularly rigid.



	TYPE-NO.	SHAPE	DIMENSIONS	SPECIFICATION	PU	CLASSIFICATION	
  27  27BN  28CON  27SI	5270	27	75x6x9.5	A30Q-BFX	10	2in1	
	23875	27	100x4x16	A30Q-BFX	10	2in1	
	5278	27	100x6x16	A30Q-BFX	10	2in1	
	5287	27	115x4x22.23	A30Q-BFX	10	2in1	
	5293	27	115x7x22.23	A30Q-BFX	10	2in1	
	5308	27	125x4x22.23	A30Q-BFX	10	2in1	
	5313	27	125x7x22.23	A30Q-BFX	10	2in1	
	734378	27	150x4x22.23	A30Q-BFX	10	2in1	
	5330	27	150x7x22.23	A30Q-BFX	10	2in1	
	5349	27	178x4x22.23	A30Q-BFX	10	2in1	
	1421	27	178x7x22.23	A30Q-BFX	10	2in1	
	5382	27	178x8x22.23	A30Q-BFX	10	2in1	
	5406	27	230x4x22.23	A30Q-BFX	10	2in1	
	5412	27	230x7x22.23	A30Q-BFX	10	2in1	
	5428	27	230x8x22.23	A30Q-BFX	10	2in1	
	60474	27	230x10x22.23	A30Q-BFX	10	2in1	
		170801	27BN	100x4x22.23	A30Q-BFX	10	2in1
		285439	27SI	230x8x22.23	A30Q-BFX	10	2in1 Silentio
		5267	28CON	178x7x22.23	A30Q-BFX	10	2in1 Conflex

 BlackBerry



APPRASIVE®



PRODUCT FINDER



TOOL CHECK CONSTRUCTION



GRINDOMETER

Available **for free** at:



Apple AppStore



Android Market



Blackberry AppWorld

www.tyrolit.com

TYROLIT



TYROLIT SCHLEIFMITTELWERKE SWAROVSKI 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**

