



INDUSTRIAL SUPPLY TOOLS CATALOGUE

A Company of the SWAROVSKI Group
www.tyrolit.com

TYROLIT



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Symbols





SAFETY

-  Wear gloves
-  Wear a mask
-  Wear eye protection
-  Wear protective clothing
-  Wear ear protection
-  Observe the instructions
-  Only permitted for wet grinding
-  Not permitted for side grinding
-  Not permitted for wet grinding
-  Off-hand and hand-guided grinding not permitted
-  Do not use damaged wheels
-  Free from FE, S, Ci

MATERIAL

-  Steel
-  2in1
-  INOX
-  Stone
-  Cast iron
-  Rail
-  Non-ferrous metal
-  Universal

MACHINES

-  Angle grinder
-  Stationary machine
-  Petrol cutting saw
-  Straight grinder

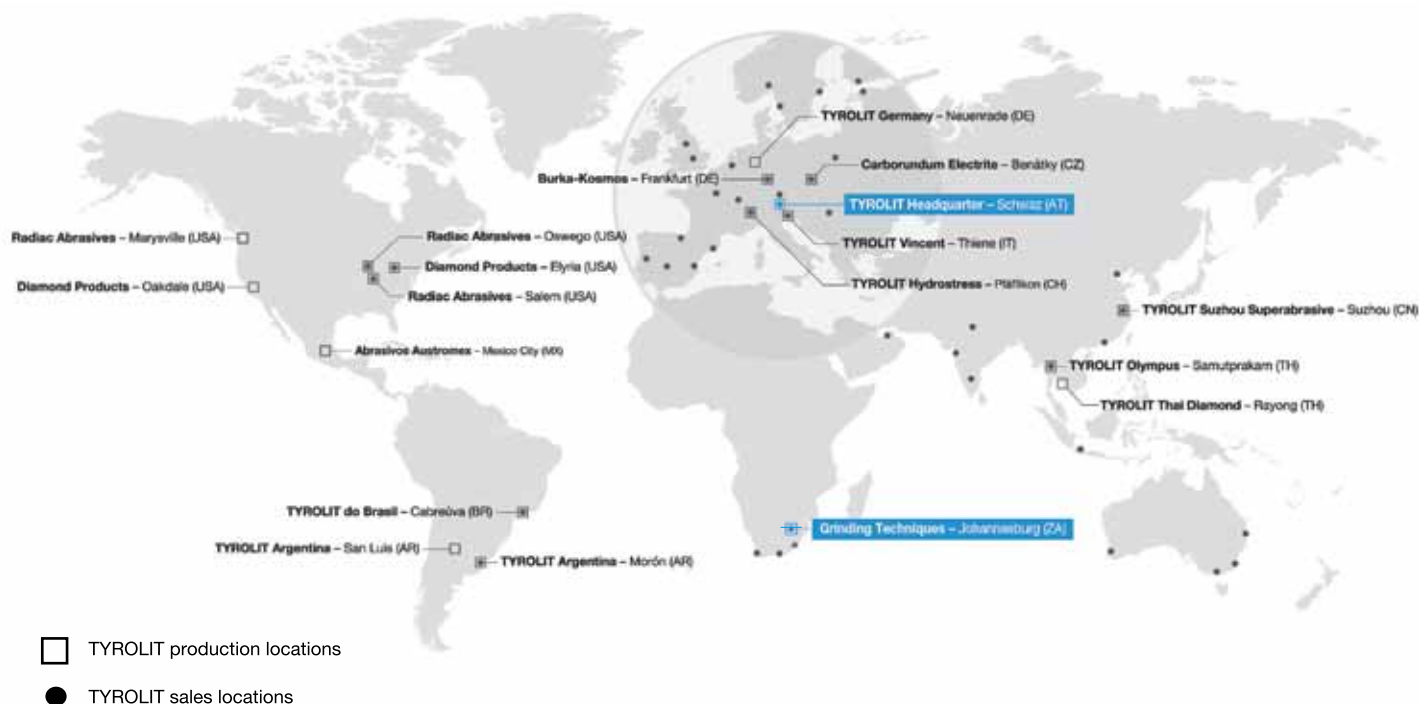
From a good idea to an excellent product

TYROLIT is represented in 28 countries through its own sales companies and cooperates in a further 65 countries with local partners.

Our several hundred field service colleagues are working hard everyday in the market alongside our customers, in order to be able to provide them with advice and support whenever they need it. Of course, with these countless visits we are constantly seeing new challenges with application technology, which for us logically means opportunities for new products.

What happens at TYROLIT when we get a good idea for a new product?

First of all, our product management team gets to grips with it. We have to find out precisely what is involved. Once our product managers have analysed all aspects and found them to be viable, a well-established process is initiated in which they take a leading role.



Of course, we do not leave our product managers to deal with this mammoth task on their own. To assist them, there are no fewer than 100 colleagues on hand in Research & Development. Regardless of whether the task involves fundamental research, chemistry, laboratory or special questions, theoretical research or tests in the workshop – our staff in R & D are constantly searching for new solutions.

Thus there are over 400 different abrasive types and combinations available to our product managers, which we can integrate in several hundred different bond systems.

From an unimaginable wealth of possibilities, the first test wheels are then produced. We prefer to try out many variations so that we can work in a truly comprehensive way on a

solution. Then the tests start. Here not only is the work result tested, but also whether the relevant solution can later be produced in larger quantities.

We test whether the future products can be produced with a consistently high level of quality and of course, we also test important aspects such as unbalance, lateral load and bursting speed values in order to produce not only a very good but also a very safe product for our customers.

And then it comes finally to the material. But not just any material. Here too we are very precise, in order to achieve reliable and above all comparable results. Every test material therefore needs a test certificate

Once comprehensive testing both off-hand and also with stationary machines has been completed and

the best abrasive grain and the best bond system have been found, we can start with production.

It is not enough for us to start well with a new product, we want to guarantee a consistently high level of quality. We owe that to our name and to our customers. For this reason, we continue to take and test samples from every production batch in order to guarantee our high quality standards.

Ultimately it is our most important promise to our customers that we can regularly offer new and excellent innovations at the highest quality level because that is what the name TYROLIT stands for.

SPECIFIC INFORMATION

RESIN BONDED CUT-OFF WHEELS

Cut-off wheels product label

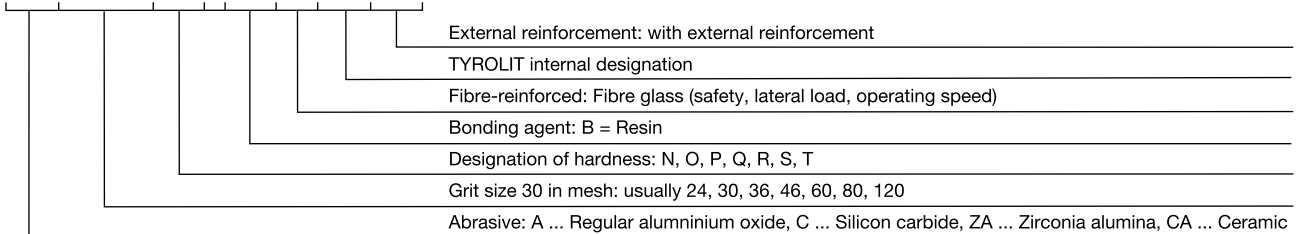


Colour codes

Label	Steel	2in1/3in1	INOX	Non-ferrous metals	Cast iron	Stone
Colour code	Blue	Blue	Red	Orange	Purple	Green
Material	Steel	2in1 = Steel and Stainless steel	Stainless steel	Aluminium, Copper Zinc, Brass, Bronze	Cast iron	Stone

Cut-off wheels specification

A46S-BFXA



CUT-OFF WHEELS FOR STRAIGHT GRINDERS

+ Excellent economic efficiency:

TYROLIT straight grinder cut-off wheels offer a great savings potential due to their excellent lifetime.

+ Shorter cutting times:

The high performance cut-off wheel considerably reduces your cutting and working times.



+ Environmentally friendly:

The longer lifetime reduces the number of wheel changes required, thus minimising waste production.

PREMIUM*** CUT-OFF WHEELS for stainless steel



The chemical purity of this tool is a requirement of machining stainless steel in order to avoid impairments to the material, such as corrosion, pitting corrosion or a reduction in the fatigue strength.

The PREMIUM*** cut-off wheel in small diameters is designed for use on straight grinders. This tool is suitable for cutting metal sheets, profiles, pipes, rods and solid material.

	Shape	Type number	Dimension	Specification	PU			
		41	34321469	50 x 1,0 x 6,35	A60R-BFXA	100		
			34321486	50 x 1,6 x 6,35	A46R-BFXA	100		
			34321489	50 x 2,0 x 6,35	A46R-BFXA	100		
			34321481	76 x 1,0 x 6,35	A60R-BFXA	100		
			34321487	76 x 1,6 x 6,35	A46R-BFXA	100		
			34321491	76 x 2,0 x 6,35	A46R-BFXA	100		
				41	34321468	50 x 1,0 x 10	A60R-BFXA	100
					34321485	50 x 1,6 x 10	A46R-BFXA	100
					34321490	50 x 2,0 x 10	A46R-BFXA	100
					34321483	76 x 1,0 x 10	A60R-BFXA	100
	34321488			76 x 1,6 x 10	A46R-BFXA	100		
	34321492			76 x 2,0 x 10	A46R-BFXA	100		

ACCESSORIES MANDRELS for cut-off wheels with a small diameter

These mandrels for mounting small diameter wheels are designed for use on end grinders with a 6mm collet or chuck. The two variants accommodate wheels with either a 6,35mm or a 10mm arbor.



Type number	Dimension	PU
19000L63506MAN	6,35 x 6mm MANDREL	Each
19000L01006MAN	10 x 6mm MANDREL	Each

CUT-OFF WHEELS FOR ANGLE GRINDERS

+ Excellent economic efficiency:
TYROLIT cut-off wheels for angle grinders offer a great savings potential due to their excellent lifetime.

+ Shorter cutting times:
The high performance cut-off wheel considerably reduces your cutting and working times.






+ Environmentally friendly:
The longer lifetime reduces the number of wheel changes required, thus minimising waste production.

PREMIUM*** CUT-OFF WHEELS for stainless steel



The chemical purity of this tool is a requirement of machining stainless steel in order to avoid impairments to the material, such as corrosion, pitting corrosion or a reduction in the fatigue strength.

The PREMIUM*** cut-off wheel in small diameters is designed for use on straight grinders. This tool is suitable for cutting metal sheets, profiles, pipes, rods and solid material.



	Shape	Type number	Dimension	Specification	PU	
		41	34392326	115 x 1,0 x 22,23	A60R-BFKA INOX	25
			343 92327	125 x 1,0 x 22,23	A60R-BFKA INOX	25
			34434037	150 x 2,0 x 22,23	A30R-BFXA INOX	25
			34434038	178 x 2,5 x 22,23	A30R-BFXA INOX	25
			34434039	230 x 2,5 x 22,23	A30R-BFXA INOX	25
			42	34434346	150 x 2,0 x 22,23	A30R-BFXA INOX
	34434063		178 x 2,5 x 22,23	A30R-BFXA INOX	25	
	34434064		230 x 2,5 x 22,23	A30R-BFXA INOX	25	

PREMIUM*** CUT-OFF WHEELS for non-ferrous metal



The next generation of TYROLIT PREMIUM*** cut-off wheels achieves a better performance than other PREMIUM wheels, and with considerably reduced tool wear. In order to cut non-ferrous metals, the tool must have a high cutting ability.

To this end, TYROLIT has developed a special formula and production method in order to achieve short cutting times with NF metals too. New specifications prevent clogging and dulling of the cutting wheel which used to be a common result of material abrasion.

	Shape	Type number	Dimension	Specification	PU	
		41	34321440	115 x 1,0 x 22,23	A60N-BFXA	25
			34321462	115 x 2,5 x 22,23	A30N-BFXA	25
			34321461	125 x 1,0 x 22,23	A60N-BFXA	25
			34321463	125 x 2,5 x 22,23	A30N-BFXA	25
			34321464	230 x 2,5 x 22,23	A30N-BFXA	25

STANDARD★★ CUT-OFF WHEELS for stainless steel



The chemical purity of this tool is a requirement of machining stainless steel in order to avoid impairments to the material, such as corrosion, pitting corrosion or a reduction in the fatigue strength. The tool is suitable for cutting metal sheets, profiles, pipes, rods and solid material.

The assortment of these cut-off wheels ranges from thicknesses of 1.0 to 1.9mm for fast, convenient and low-burr cutting. The stable cut-off wheels in thicknesses between 2.0 and 2.5mm have a very long lifetime and are suitable for stainless and mild steel.

	Shape	Type number	Dimension	Specification	PU
	 41	34206861	115 x 1,0 x 22,23	A60R-BF INOX	25
		34206862	115 x 1,6 x 22,23	A46R-BF INOX	25
		34314963	115 x 2,0 x 22,23	A30R-BF INOX	25
		34351106	115 x 2,5 x 22,23	A30R-BF INOX	25
		34206863	125 x 1,0 x 22,23	A60R-BF INOX	25
		34206864	125 x 1,6 x 22,23	A46R-BF INOX	25
		34314968	125 x 2,0 x 22,23	A30R-BF INOX	25
		34351108	125 x 2,5 x 22,23	A30R-BF INOX	25
		34206865	150 x 2,0 x 22,23	A30R-BF INOX	25
		34206866	150 x 2,5 x 22,23	A30R-BF INOX	25
		34206867	178 x 1,6 x 22,23	A46R-BF INOX	25
		34206868	178 x 2,0 x 22,23	A30R-BF INOX	25
		34206869	178 x 2,5 x 22,23	A30R-BF INOX	25
		34206870	230 x 1,9 x 22,23	A46R-BF INOX	25
		34314969	230 x 2,0 x 22,23	A30R-BF INOX	25
		34206901	230 x 2,5 x 22,23	A30R-BF INOX	25
	 42	34354480	230 x 3,0 x 22,23	A30R-BF INOX	25
		34206902	100 x 2,0 x 16,00	A30R-BF INOX	25
		34206903	115 x 2,0 x 22,23	A30R-BF INOX	25
		34351109	115 x 2,5 x 22,23	A30R-BF INOX	25
		34206904	125 x 2,0 x 22,23	A30R-BF INOX	25
		34351110	125 x 2,5 x 22,23	A30R-BF INOX	25
		34351141	150 x 2,5 x 22,23	A30R-BF INOX	25
		34206905	178 x 2,5 x 22,23	A30R-BF INOX	25
		34206906	230 x 2,5 x 22,23	A30R-BF INOX	25
		34323293	230 x 3,0 x 22,23	A30R-BF INOX	25

STANDARD** CUT-OFF WHEELS for steel



This tool not only offers a cost-efficient solution for your everyday work, but also the safety standards customers have come to expect from Tyrolit. This is provided by the excellent lifetime and stability of the STANDARD**

cut-off wheel. The tool is particularly suitable for cutting solid steel. The assortment of STANDARD** cut-off wheels for steel, ranges from 2.5 to 3.0 mm and offers long lifetime.

	Shape	Type number	Dimension	Specification	PU
	41	34206699	115 x 2,5 x 22,23	A30S-BF	25
		34206700	125 x 2,5 x 22,23	A30S-BF	25
		34206841	150 x 2,5 x 22,23	A30S-BF	25
		34206842	178 x 3,0 x 22,23	A30S-BF	25
		34206843	230 x 3,0 x 22,23	A30S-BF	25
	42	34206844	100 x 2,5 x 16,00	A30S-BF	25
		34206845	115 x 2,5 x 22,23	A30S-BF	25
		34206846	115 x 3,0 x 22,23	A30S-BF	25
		34206847	125 x 2,5 x 22,23	A30S-BF	25
		34206848	125 x 3,0 x 22,23	A30S-BF	25
	34206849	178 x 3,0 x 22,23	A30S-BF	25	
	34206850	230 x 3,0 x 22,23	A30S-BF	25	

STANDARD** CUT-OFF WHEELS for stone



The STANDARD** cut-off wheel reduces the work of the operator due to its excellent cutting ability. When used on stone materials, the wheel

impresses by achieving clean cutting edges and good cutting quality. Reworking is no longer required.

	Shape	Type number	Dimension	Specification	PU
	41	34206907	115 x 2,5 x 22,23	C30S-BF	25
		34206908	125 x 2,5 x 22,23	C30S-BF	25
		34206909	178 x 3,0 x 22,23	C30S-BF	25
		34206910	230 x 3,0 x 22,23	C30S-BF	25
		42	34206911	115 x 2,5 x 22,23	C30S-BF
	34206912		125 x 2,5 x 22,23	C30S-BF	25
	34206913		178 x 3,0 x 22,23	C30S-BF	25
	34206914		230 x 3,0 x 22,23	C30S-BF	25

BASIC* CUT & GRIND WHEEL 2 in 1 for steel and stainless steel



The BASIC* CUT AND GRIND wheel makes it possible to perform applications such as grinding, deburring and shaping as well as cutting and plunging, with only one tool. The design of the wheel guarantees

good performance right from the start without compromising on safety. While it provides versatile application options, the CUT AND GRIND wheel complies with the highest safety standards.

	Shape	Type number	Dimension	Specification	PU
	27CC	34321412	115 x 2,5 x 22,23	A30Q-BF	25
		34321415	125 x 2,8 x 22,23	A30Q-BF	25

GRINDING WHEELS FOR ANGLE GRINDERS

+ Universal use:

TYROLIT rough grinding wheels are equally suitable for surface and edge grinding on a variety of steel applications.

+ High stock removal rate:

The abrasiveness of this rough grinding wheel ensures a high removal rate over the entire lifetime of the wheel.



+ Enhanced comfort while working:

Low pressure for a reduced workload.

PREMIUM*** ROUGH GRINDING WHEELS for non-ferrous metals



The PREMIUM*** rough grinding wheel developed specifically for non-ferrous metals prevents clogging of the tool in order to reduce loading or dulling. Even at very low pressure, the wheel achieves extremely

high abrasiveness. TYROLIT'S formula and production methods enable exceptionally high stock removal rates to be obtained for non-ferrous metal applications.

	Shape	Type number	Dimension	Specification	PU
		34321465	115 x 7,0 x 22,23	A36L-BFX	10
		34321466	125 x 7,0 x 22,23	A36L-BFX	10
		34321467	230 x 7,0 x 22,23	A36L-BFX	10

STANDARD** ROUGH GRINDING WHEELS for stainless steel



The powerful rough grinding wheel has been specially designed for stainless steel applications. The STANDARD** INOX rough grinding wheel combines a long lifetime and the best cutting ability.

This is achieved through the use of regular aluminium oxide. This rough grinding wheel is specially designed for stainless steel applications.



	Shape	Type number	Dimension	Specification	PU
		34206931	100 x 6,0 x 16	A30R-BF INOX	10
		34321420	115 x 4,0 x 22,23	A30R-BF INOX	
		34206932	115 x 6,0 x 22,23	A30R-BF INOX	10
		34206933	125 x 6,0 x 22,23	A30R-BF INOX	10
		34206934	150 x 6,0 x 22,23	A30R-BF INOX	10
		34206935	178 x 6,0 x 22,23	A30R-BF INOX	10
		34206936	178 x 8,0 x 22,23	A30R-BF INOX	10
		34206937	230 x 6,0 x 22,23	A30R-BF INOX	10
34206938	230 x 8,0 x 22,23	A30R-BFINOX	10		

STANDARD** ROUGH GRINDING WHEELS for steel



The STANDARD** rough grinding wheel is a powerful rough grinding wheel for surface and edge grinding. The tool boasts optimised cutting ability and

a long lifetime. Even with low pressure, the wheel is abrasive and easy to handle.


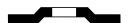
	Shape	Type number	Dimension	Specification	PU
	 27	34206915	100 x 6,0 x 16	A24S-BF	10
		34206916	115 x 6,0 x 22,23	A24S-BF	10
		34206917	125 x 6,0 x 22,23	A24S-BF	10
		34206918	150 x 6,0 x 22,23	A24S-BF	10
		34206919	178 x 6,0 x 22,23	A24S-BF	10
		34206920	230 x 6,0 x 22,23	A24S-BF	10

STANDARD** ROUGH GRINDING WHEELS for stone



The abrasive STANDARD** rough grinding wheel for stone is quick and convenient to use and requires minimal exertion. It is ideal for soft to hard

stone, natural and artificial stone and concrete. This rough grinding wheel with silicon carbide is specifically for stone and short-chipping materials.



	Shape	Type number	Dimension	Specification	PU
	 27	34206939	100 x 6,0 x 16	C30S-BF	10
		34206940	115 x 6,0 x 22,23	C30S-BF	10
		34206951	125 x 6,0 x 22,23	C30S-BF	10
		34206952	178 x 6,0 x 22,23	C30S-BF	10
		34206953	230 x 6,0 x 22,23	C30S-BF	10

STANDARD** FOCUR ROUGH GRINDING WHEELS for cast iron



With the STANDARD** FOCUR rough grinding wheel you will obtain a tool that has been optimised in terms of its cutting ability and offers a high level of dimensional stability. Even with low pressure, the tool is abrasive

and durable. This powerful tool has been developed for application on all cast materials and can be used for surface grinding, deburring work and rendering.

	Shape	Type number	Dimension	Specification	PU
	 27	34206954	178 x 7,0 x 22,23	ZA30O-BF	10
		34206955	230 x 7,0 x 22,23	ZA30O-BF	10

PREMIUM*** RONDELLER®

2IN1 FOR STEEL AND STAINLESS STEEL

+ High level of comfort while working:

These tools make vibration-free, ergonomic use possible and protect both user and machine.

+ Universal use:

Ideal for use on steel and stainless steel, as well as for all grinding, deburring and shaping applications on curved surfaces.



+ Simple handling:

Easy assembly – no need to use special accessories, such as back up pads and clamping nuts.

PREMIUM*** RONDELLER®

2in1 for steel and stainless steel



The TYROLIT PREMIUM*** RONDELLER® combines the product advantages of different grinding tools with the easiest handling. The unique geometry of the Rondeller enables cool, ergonomic grinding that is kind to materials. Absolutely vibration-free use and optima adaption to the workplace for all grinding, deburring and shaping applications means that

curved surfaces can be perfectly machined. Easy assembly – no need to use special accessories, such as back up pads and clamping nuts. Ideal for use on steel and stainless steel, as well as for all grinding, deburring and shaping applications on curved surfaces.

	Shape	Type number	Dimension	Specification	PU
		29RON			
		57004	115 x 22,23	A24Q-BF	25
		908225	115 x 22,23	A36Q-BF	25
		908226	115 x 22,23	A60Q-BF	25
		57006	178 x 22,23	A24Q-BF	25
		908230	178 x 22,23	A36Q-BF	25
		908231	178 x 22,23	A60Q-BF	25

FLAP DISCS FOR ANGLE GRINDERS

+ Large selection:
TYROLIT flap discs are available in all common diameters and grit sizes.

+ Universal use:
Achieves excellent results on a wide range of applications.





+ Ease of use:
Effortless machining of welding seams, as well as edge and surface grinding.

PREMIUM★★★ FLAP DISC CERAMIC for Inox



Thanks to the self-sharpening ceramic abrasive grain, the PREMIUM*** CERAMIC flap disc is particularly suitable for stainless steels and demanding grinding applications. The additional TOP SIZE coating ensures cool grinding, allowing a longer

tool lifetime and reducing discoloration on the workpiece surface. Thanks to the self-sharpening characteristic of the abrasive grain, a more even surface quality is achieved over the entire lifetime of the disc.



	Shape	Type number	Dimension	Specification	PU	
		28A	34166172	115 x 22,23	CA40-B	10
		34166173	115 x 22,23	CA60-B	10	
		34166175	125 x 22,23	CA40-B	10	
		34166176	125 x 22,23	CA60-B	10	
		34166181	178 x 22,23	CA40-B	10	
		34166182	178 x 22,23	CA60-B	10	

PREMIUM* FLAP DISC**
for non-ferrous metals



With the specification developed specifically for non-ferrous materials, smearing and dulling of the flap disc is prevented. The ceramic grain promotes self-cleaning and sharpening of the disc during material

abrasion. This tool offers convenient and high performance results on difficult-to-grind materials such as aluminium, aluminium bronze, aluminium base alloy, copper, bronze, brass and nickel silver.





	Shape	Type number	Dimension	Specification	PU
	 28A	34321433	115 x 22,23	CA40-B ALU	10
		34321434	115 x 22,23	CA60-B ALU	10
		34321435	125 x 22,23	CA40-B ALU	10
		34321436	125 x 22,23	CA60-B ALU	10
		34321438	178 x 22,23	CA40-B ALU	10
		34321439	178 x 22,23	CA60-B ALU	10

STANDARD FLAP DISC**
2in1 for steel and stainless steel



The STANDARD** 2 in 1 flap disc offers two advantages. On one hand it offers the user a very long lifetime, on the other it guarantees very good

specific abrasion. The TYROLIT 2 in 1 flap disc is used both on alloyed steels and stainless steel, as well as on unalloyed and low alloyed steels.





	Shape	Type number	Dimension	Specification	PU
	 27A	34314990	115 x 22,23	ZA40-B	10
		34315001	115 x 22,23	ZA60-B	10
		34315004	115 x 22,23	ZA80-B	10
		34315006	115 x 22,23	ZA120-B	10
		34323073	125 x 22,23	ZA40-B	10
		34323074	125 x 22,23	ZA60-B	10
		34323075	125 x 22,23	ZA80-B	10
		34323077	125 x 22,23	ZA120-B	10
		34323078	178 x 22,23	ZA40-B	10
		34323079	178 x 22,23	ZA60-B	10
		34323080	178 x 22,23	ZA80-B	10
	 28A	34323091	178 x 22,23	ZA120-B	10
		34314985	115 x 22,23	ZA40-B	10
		34314986	115 x 22,23	ZA60-B	10
		34314988	115 x 22,23	ZA80-B	10
		34314989	115 x 22,23	ZA120-B	10
		34323093	125 x 22,23	ZA40-B	10
		34323095	125 x 22,23	ZA60-B	10
		34323096	125 x 22,23	ZA80-B	10
		34323097	125 x 22,23	ZA120-B	10
		34323098	178 x 22,23	ZA40-B	10
		34323099	178 x 22,23	ZA60-B	10
34323100	178 x 22,23	ZA80-B	10		
34323101	178 x 22,23	ZA120-B	10		

BASIC★ FLAP DISC
2in1 for steel and stainless steel



The BASIC* 2 in 1 flap disc offers two advantages. On one hand, it offers the user long lifetime, on the other it guarantees good specific abrasion.

The TYROLIT 2 in 1 flap disc is used both on high alloyed steels and stainless steel, as well as on unalloyed and low alloyed steels.

	Shape	Type number	Dimension	Specification	PU
	 27A	34208141	100 x 16	ZA40-B	10
		34208142	100 x 16	ZA60-B	10
		34208143	100 x 16	ZA80-B	10
		34208144	100 x 16	ZA120-B	10
		34208145	115 x 22,23	ZA40-B	10
		34208146	115 x 22,23	ZA60-B	10
		34208147	115 x 22,23	ZA80-B	10
		34208148	115 x 22,23	ZA120-B	10
		34208149	125 x 22,23	ZA40-B	10
		34208150	125 x 22,23	ZA60-B	10
		34208151	125 x 22,23	ZA80-B	10
		34208152	125 x 22,23	ZA120-B	10
		34208153	178 x 22,23	ZA40-B	10
		34208154	178 x 22,23	ZA60-B	10
		34208155	178 x 22,23	ZA80-B	10
		34208156	178 x 22,23	ZA120-B	10
	 28A	34023527	100 x 16	ZA40-B	10
		34023528	100 x 16	ZA60-B	10
		34023529	100 x 16	ZA80-B	10
		34023530	100 x 16	ZA120-B	10
		320318	115 x 22,23	ZA40-B	10
		320320	115 x 22,23	ZA60-B	10
		320322	115 x 22,23	ZA80-B	10
		719794	115 x 22,23	ZA120-B	10
		320319	125 x 22,23	ZA40-B	10
		320321	125 x 22,23	ZA60-B	10
		320323	125 x 22,23	ZA80-B	10
		719796	125 x 22,23	ZA120-B	10
		34206832	150 x 22,23	ZA40-B	10
		34206833	150 x 22,23	ZA60-B	10
		34206834	150 x 22,23	ZA80-B	10
		34206835	150 x 22,23	ZA120-B	10
		34166901	178 x 22,23	ZA40-B	10
		34166902	178 x 22,23	ZA60-B	10
34166903	178 x 22,23	ZA80-B	10		
34166904	178 x 22,23	ZA120-B	10		



TYROLIT POLISHING PROGRAM FOR ANGLE GRINDERS

Working with an angle grinder is one of the most important processes in the trade and industrial sectors for processing all types of metals. TYROLIT offers an optimally tailored package for polishing metal.

There are many suppliers of polishing accessories. But anyone who has ever polished knows how important it is that all components should be perfectly matched to one another.

With TYROLIT you can get everything you need from one source. You can tell how perfectly our products are matched from the fact that you can get a mirror finish in only three steps

- without unwanted discolouration due to overheating.

PREMIUM★★★ POLISHING PROGRAM

THREE STEPS TO A PERFECT MIRROR FINISH

+ Preparation

Preparing the untreated workpiece

To prepare the untreated material and get a mirror finish, you need:

PREMIUM*** Fibre discs ZA-P48

PREMIUM*** 2in1 flapdiscs

STANDARD** SOFT JOB

Our recommendation: grit size 120 or 80 depending on material

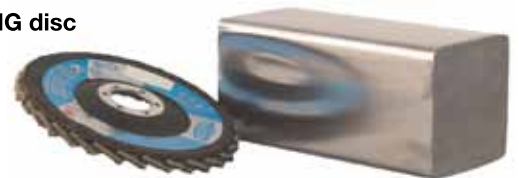
+ Step 1

Remove rough scratch marks using the PREMIUM*** CONDITIONING disc

It removes all rough scratch marks from the surface to be machined.

A multi-dimensional flap design reduces clogging and prevents unwanted material discolouration

Our recommendation: "Medium" grain



+ Step 2

Prepare for polishing with the PREMIUM*** PRE-POLISH disc

This provides optimum polishing preparation.

The disc adapts flexibly to the material surface

Our recommendation: "Fine-P" grain



+ Step 3

Polish with the PREMIUM*** POLISH disc

This allows you finally to achieve a perfect mirror finish.

Different grinding pastes enable processing of different materials, such as steel, stainless steel and non-ferrous metals

Our recommendation: SHF with "S-POLISH" polishing paste



Recommended speeds

PREMIUM★★★ CONDITIONING	PREMIUM★★★ PRE-POLISH	PREMIUM★★★ POLISH	PREMIUM★★★ COMBI
115 mm - 3,500 rpm	115 mm - 3,500 rpm	115 mm - 3,500 rpm	115 mm - 3,500 rpm
125 mm - 3,000 rpm	125 mm - 3,000 rpm	125 mm - 3,000 rpm	125 mm - 3,000 rpm

PREMIUM *** CONDITIONING

for steel and stainless steel



With the PREMIUM*** CONDITIONING wheel you can remove all rough scratch marks from the surface before commencing the polishing process. The three-dimensional flap design reduces clogging of the wheel to a

minimum. Using the wheel also prevents discolouration of the workpiece caused by high heat build-up. The tool has been specifically developed to achieve the best results even on non-adjustable angle grinders.

	Shape	Type number	Dimension	Specification	PU	Max. RPM	
		28PCA	742155	115 x 22,23	COARSE	5	12,000
		742157	115 x 22,23	MEDIUM	5	12,000	
		742158	115 x 22,23	VERY FINE	5	12,000	
		742148	125 x 22,23	COARSE	5	11,000	
		742153	125 x 22,23	MEDIUM	5	11,000	
		742154	125 x 22,23	VERY FINE	5	11,000	

PREMIUM *** PRE-POLISH

for steel and stainless steel



To prepare surfaces for polishing, you require a sturdy, high quality tool. The PREMIUM*** PRE-POLISH comprises several layers of abrasive fabric to achieve a long lifetime and sturdiness.

This allows the tool to be used for smaller deburring projects as well. The tool has been specifically developed to achieve the best results even on non-adjustable angle grinders.

	Shape	Type number	Dimension	Specification	PU	Max. RPM	
		28PUA	742379	115 x 22,23	MEDIUM-Q	5	12,000
		742380	115 x 22,23	FINE-P	5	12,000	
		742381	115 x 22,23	VERY FINE-P	5	12,000	
		742382	125 x 22,23	MEDIUM-Q	5	11,000	
		742384	125 x 22,23	FINE-P	5	11,000	
		742385	125 x 22,23	VERY FINE-P	5	11,000	

PREMIUM *** POLISH

universal use



Compared to conventional felt wheels, this product uses highly flexible flaps for optimum heat distribution and cool grinding. In doing so, the PREMIUM*** POLISH avoids undesired discolouration. Used in

combination with the TYROLIT grinding paste, a perfect mirror finish is achieved on your workpiece. The tool has been specifically developed to achieve the best results even on non-adjustable angle grinders.

	Shape	Type number	Dimension	Specification	PU	Max. RPM	
		28PWA	742378	115 x 22,23	SHF	3	9,200
		742375	125 x 22,23	SHF	3	7,700	


PREMIUM ★★★ POLISHING PASTES

for steel, stainless steel and non-ferrous metals



With the TYROLIT PREMIUM*** polishing paste in different specifications you will achieve the final mirror finish. They can be used to perform precision machining work depending on the desired surface finish. Polishing pastes are available in three specifications.


Using the POLISH (white) you will achieve a perfectly smooth finish. To achieve a high-gloss finish we recommend S-POLISH (blue) while the POLISH-NE paste is perfect for non-ferrous metals.

	Type number	Dimension	Specification	Colour	PU	
	90PP	741230	30 x 20 x 90	POLISH	White	2
		741285	30 x 20 x 90	POLISH-NE	Brown	2
		741291	30 x 20 x 90	S-POLISH	Blue	2
		741347	60 x 45 x 160	POLISH	White	1
		741348	60 x 45 x 160	POLISH-NE	Brown	1
		741349	60 x 45 x 160	S-POLISH	Blue	1

PREMIUM ★★★ POLISHING PROGRAM

three steps to a mirror finish



	Type no.	Shape	Dimension	Design	Type No.	PU
	21262	28PCA	115 x 22,23	MEDIUM	742157	1
		28PUA	115 x 22,23	FINE-P	742380	1
		28PWA	115 x 22,23	SHF	742378	1
		90PP	30 x 20 x 90	S-POLISH	741291	2
	52433	28PCA	125 x 22,23	MEDIUM	742153	1
		28PUA	125 x 22,23	FINE-P	742384	1
		28PWA	125 x 22,23	SHF	742375	1
		90PP	30 x 20 x 90	S-POLISH	741291	2

CUT-OFF WHEELS FOR STATIONARY MACHINES

+ Broad assortment:

For the stationary cutting of a variety of steels. We offer diameters from 300 to 500mm in various thicknesses.

+ Universal use:

It is possible to cut profiles, solid material and large cross sections.



+ Reduced working times:



Clean, non-discoloured surfaces reduce reworking tasks for the operator.

PREMIUM* CUT-OFF WHEELS for stainless steel - *also available for steel**



TYROLIT provides the optimal tools for use on stationary cutting machines in chop cut. The tool is suitable for cutting metal sheets, profiles, pipes, rods and solid material. Despite its versatile use, the tool offers maximum

cutting ability and the longest lifetime. The chemical purity of this tool is a requirement of machining stainless steel in order to avoid impairments to the material, such as corrosion, pitting or a reduction in the fatigue strength.



	Shape	Type number	Dimension	Specification	PU
	 41	647216*	350 x 3,5 x 40	A24Q4-BF97M	10
		647218*	400 x 4,0 x 40	A24Q4-BF97M	10
		460744*	500 x 5,0 x 40	A24P4-BF97M	10

PREMIUM* CUT-OFF WHEELS for steel**



TYROLIT provides the optimal tools for use on stationary cutting machines in chop cut. These include the PREMIUM*** cut-off wheel for steel in diameters from 300 to 500 mm. This special tool is ideal for cutting

workpieces with large cross-sections, as well as solid material and profiles. As with all TYROLIT PREMIUM*** cut-off wheels, this tool has been optimised to achieve the best possible cutting ability and lifetime.





	Shape	Type number	Dimension	Specification	PU
	 41	780938	400 x 3,5 x 25,4	A36N5BF71M	10
		514338	500 x 5,5 x 40	A24O4BF71M100	10

STANDARD** CUT-OFF WHEELS for steel



TYROLIT provides the optimal tools for use on stationary cutting machines in chop cut. This special tool is ideal for cutting workpieces with large cross-sections, as well as solid material and profiles. The internal reinforcement

and rough side surfaces enable low burr cutting of workpieces. As with all TYROLIT STANDARD** cut-off wheels, this tool has been optimised to achieve excellent cutting ability and lifetime.

	Shape	Type number	Dimension	Specification	PU
		41 34206956	300 x 2,5 x 25,4	A46S-BF	10
		34206957	350 x 2,8 x 25,4	A46S-BF	10
		34206958	400 x 3,0 x 25,4	A46S-BF	10
		41H 34314970	300 x 3,5 x 25,4	A30S-BF100	10
		34315170	300 x 3,5 x 40	A30S-BF100	10
		34314981	350 x 4 x 25,4	A30S-BF100	10
		34315192	350 x 4 x 40	A30S-BF100	10
		34314983	400 x 4,5 x 25,4	A30S-BF100	10
		34315193	400 x 4,5 x 40	A30S-BF100	10

CUT-OFF WHEELS FOR PETROL CUTTING SAWS

- + **Specifically constructed:**
For safety with high speed petrol cutting saws.
- + **Universal use:**
Suitable for cutting profiles, solid material and large cross sections. Especially effective for cutting railway lines.





- + **Reduced working times:**
Quick and efficient cutting operation. Clean non-discoloured surfaces reduce reworking tasks for the operator.

STANDARD★★ CUT-OFF WHEELS FOR PETROL CUTTING SAWS for rails



The wheel has been developed specially based on specifications for cutting rails. Despite extreme application conditions, such as humidity, cold and temperature fluctuations, the rail cut-off wheel from TYROLIT offers short cutting times coupled with minimal effort. Exceptionally clean,

non-discoloured surfaces reduce reworking tasks and working times. Developed for use on manual cut-off machines with electric or petrol engines suitable for pure off-hand and guided off-hand applications.

	Shape		Type number	Dimension	Specification	PU
		41H	34321493	350 x 4,0 x 25,4	A30-BF RAIL	10
			34321495	400 x 4,3 x 25,4	A30-BF RAIL	10



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