



TYROLIT PROGRAM
SUPER-THIN CUT-OFF WHEELS






A Company of the SWAROVSKI Group
www.tyrolit.com



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PICTOGRAMS

	Angle grinder
	Steel
	Stainless steel
	Nonferrous metals
	2in1 steel / stainless steel

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 end 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 for the 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 good, 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, in the chemistry laboratory or on special physical 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 this 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.

PREMIUM★★★ CUT-OFF WHEELS

SUPER-THIN LONGLIFE CUT-OFF WHEELS FOR STEEL

+ **Enhanced economic efficiency**
 Significant increase in lifetime and cutting ability, which is particularly evident in their first-cut performance. The wheel delivers the best results with shorter cutting times right from the very first cut.

+ **Reduced working times**
 A low load on the workpiece and short cutting times allow you to quickly achieve the best result. No supplementary reworking, such as cleaning or deburring.



+ **Maximum comfort while working**
 The tool operates consistently and without a jamming tendency, producing 30% less cutting dust. Additional sound and vibration damping are features that make the super-thin TYROLIT cut-off wheels a safe and convenient tool.

TYROLIT Film



The product film can be found on YouTube at www.youtube.com/TYROLITgroup

The next generation of TYROLIT PREMIUM*** cut-off wheels achieves a better performance than other PREMIUM wheels, and with considerably reduced tool wear. In



thicknesses of 1.0 to 1.6 mm, these super-thin cut-off wheels are suitable for all types of steel and impress with exceptional results without compromise.

As well as a clear improvement in productivity, these cut-off wheels also promote environmentally friendly use thanks to reduced waste production.

PREMIUM★★★ CUT-OFF WHEELS

Super-thin LONGLIFE cut-off wheels for steel



	Shape	Type no.	Dimension	Specification	PU	
		41	16118	115x1.0x22.23	A60S-BFKA	25
		51825	115x1.6x22.23	A46S-BFKA	25	
		16121	125x1.0x22.23	A60S-BFKA	25	
		51838	125x1.6x22.23	A46S-BFKA	25	
		34194857	150x1.2x22.23	A46S-BFKA	25	
		34194859	178x1.6x22.23	A46S-BFKA	25	
		183113	230x1.9x22.23	A46S-BFXA	25	
		34194860	230x2x22.23	A30S-BFKA	25	

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PREMIUM*** CUT-OFF WHEELS

SUPER-THIN 2IN1 CUT-OFF WHEELS FOR STEEL AND STAINLESS STEEL

+ Enhanced economic efficiency
 Significant increase in lifetime and cutting ability, which is particularly evident in their first-cut performance. The wheel delivers the best results with shorter cutting times right from the very first cut.

+ Reduced working times
 A low load on the workpiece and short cutting times allow you to quickly achieve the best result. No supplementary reworking, such as cleaning or deburring.



+ Maximum comfort while working
 The tool operates consistently and without a jamming tendency, producing 30% less cutting dust. Additional sound and vibration damping are features that make the super-thin TYROLIT cut-off wheels a safe and convenient tool.

With the next generation PREMIUM*** 2in1 cut-off wheels you can enhance performance while significantly reducing tool wear. In thicknesses of 1.0 to 1.6 mm, these super-thin 2in1 cut-off wheels have


been developed for machining steel and stainless steel. The chemical purity makes this tool ideal for machining stainless steel. In this way, impairments to the material, such as corrosion, pitting corrosion

or a reduction in the fatigue strength, can be avoided. As well as a clear improvement in productivity, these cut-off wheels also promote environmentally friendly use thanks to reduced waste production.

PREMIUM*** CUT-OFF WHEELS

Super-thin 2in1 cut-off wheels for steel and stainless steel



	Shape	Type no.	Dimension	Specification	PU
	41	34040608	115x1.0x22.23	A60Q-BFKA	10 Dose
		34040609	125x1.0x22.23	A60Q-BFKA	10 Dose
		773268	115x1.0x22.23	A60Q-BFKA	25
		384142	115x1.2x22.23	TA60P-BFXA	50
		14082	115x1.6x22.23	A60Q-BFKA	25
		773269	125x1.0x22.23	A60Q-BFKA	25
		384143	125x1.2x22.23	TA60P-BFXA	50




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PREMIUM★★★ CUT-OFF WHEELS

Super-thin 2in1 cut-off wheels for steel and stainless steel



	Shape	Type no.	Dimension	Specification	PU	
		41	14085	125x1.6x22.23	A46Q-BFKA	25
			401205	150x1.2x22.23	TA60P-BFXA	50
			34165055	150x1.2x22.23	A46Q-BFKA	25
			920351	150x1.6x22.23	A46Q-BFXA	25
			34165056	178x1.6x22.23	A46Q-BFKA	25
			920353	230x1.9x22.23	A46Q-BFXA	25
			34165057	230x2,0x22.23	A30Q-BFKA	25
		42	87215	115x1.0x22.23	A60Q-BFXA	25
		87216	125x1.0x22.23	A60Q-BFXA	25	

PREMIUM★★★ CERABOND

2IN1 FOR STEEL AND STAINLESS STEEL

+ **Shorter work processes**
Working times are substantially reduced through improved abrasiveness.

+ **Improved productivity**
A special structural composition offers maximum system performance.



+ **Lower production costs:** The unique bond technology, optimised for ceramic grain, prevents the break out of the grain and leads to a longer lifetime for the tool.

TYROLIT Film



The product film can be found on YouTube at www.youtube.com/TYROLITgroup




The TYROLIT CERABOND system brings almost 100 years of experience to a new generation of highest performance tools. With the cut-off wheels from the CERABOND family, we have succeeded in achieving an optimal

combination of specially treated ceramic grain and bond structure. Thus it is possible to retain the abrasiveness and the lifetime of the cut-off wheel at the highest level. The unique bond system prevents

premature grain break-out and guarantees the full grinding power of the individual grains.

PREMIUM★★★ CERABOND
2in1 for steel and stainless steel



	Shape	Type no.	Dimension	Specification	PU	
		41	34241344	115x1,0x22,23	CA60Q-BFKA	15
			34059903	115x1.3x22.23	CA60Q-BFKA	15
			34019872	115x1.6x22.23	CA46Q-BFKA	15
			34241345	125x1,0x22,23	CA46Q-BFKA	15
			34059904	125x1.3x22.23	CA60Q-BFKA	15
			34019880	125x1.6x22.23	CA46Q-BFKA	15
			34059905	150x1.3x22.23	CA60Q-BFKA	15
			34019881	150x1.6x22.23	CA46Q-BFKA	15
			34059906	178x1.6x22.23	CA46Q-BFKA	15
			34059907	230x2.0x22.23	CA30Q-BFKA	15
	42		34059908	115x1,3x22,23	CA60Q-BFKA	15
			34019882	115x1,6x22,23	CA46Q-BFKA	15
			34059909	125x1,3x22,23	CA60Q-BFKA	15
			34019883	125x1,6x22,23	CA46Q-BFKA	15
			34059910	150x1,3x22,23	CA60Q-BFKA	15
			34019884	150x1,6x22,23	CA46Q-BFKA	15

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PREMIUM*** CUT-OFF WHEELS

2IN1 WITH DEEP CUT PROTECTION FOR STEEL AND STAINLESS STEEL

+ Enhanced safety

The DEEP Cut protection metal bushing we have developed prevents the crown being removed from the wheel and thus a break out of the bore.

+ Versatile application options

It is ideal for small sheet metal, profile and pipe cross-sections. Rods and metal reinforcements can also be cut effortlessly.

+ Greater economic efficiency

The longer range of application means that wheel changes are reduced.



TYROLIT Film



The product film can be found on YouTube at www.youtube.com/TYROLITgroup

Using newly developed technology and new materials we have succeeded in taking another step towards improved user safety. The

PREMIUM*** cut-off wheel with DEEP CUT PROTECTION enables the user to achieve maximum insertion depths into the workpiece without damaging

the wheel.

There is no risk of sharp workpiece edges removing the crown.

PREMIUM*** CUT-OFF WHEELS

2in1 with DEEP CUT PROTECTION for steel and stainless steel



	Shape	Type no.	Dimension	Specification	PU	
		42	34042238	115x1.2x22.23	TA60P-BFXA	25
			34042239	125x1.2x22.23	TA60P-BFXA	25
			34042240	150x1.2x22.23	TA60P-BFXA	25

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PREMIUM★★★ CUT-OFF WHEELS

ACCU 2IN1 FOR STEEL AND STAINLESS STEEL

+ Universal application options

With the PREMIUM*** ACCU you obtain a tool that can be used for a range of applications on steel and stainless steel.

+ Reduced downtimes

Thanks to the short-term and efficient application options, downtimes for the operator can be significantly reduced.



+ Cordless work

Using this cut-off wheel you can work on smaller tasks in hard-to-reach application areas, benefiting from the usual Tyrolit quality but without requiring a power source.

The super-thin PREMIUM*** cut-off wheel has been specially designed for battery-powered angle grinders and enables smaller repairs to be carried out without requiring a power source. This therefore makes it con-

siderably easier to use on scaffolding, in difficult-to-reach terrain or workplaces. These products have been optimised for battery-powered angle grinders and are ideal for cutting thin-walled

metal sheets, profiles and pipes. They also make light work of machining small cross-sections, rods and reinforced steel.

PREMIUM★★★ CUT-OFF WHEELS
ACCU 2in1 for steel and stainless steel



	Shape	Type no.	Dimension	Specification	PU	
		41	34022958	115x1.0x22.23	A60Q-BFKA	25
			34022959	125x1.0x22.23	A60Q-BFKA	25

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BASIC★ CUT-OFF WHEELS

2in1 for steel and stainless steel



This tool is designed for use on both steel and stainless steel. Our BASIC* cut-off wheel 2in1 has an excellent lifetime and stability. The tool is suitable for cutting metal sheets, profiles, pipes, rods and solid material. The 1.6 mm cut-off wheel available in the BASIC* assortment is particularly

suitable for fast, convenient and low-burr work. The stable cut-off wheels in thicknesses between 2.0 and 3.0 mm have a very long lifetime and are suitable for universal use.

	Shape	Type no.	Dimension	Specification	PU
		41			
		34051373	115x1,0x22,23	A60Q-BF	25
		222899	115x1,6x22,23	A46Q-BF	25
		34051374	125x1,0x22,23	A60Q-BF	25
		222900	125x1,6x22,23	A46Q-BF	25
		34051375	150x1,6x22,23	A46Q-BF	25
		633506	178x1,6x22,23	A46Q-BF	25
		633509	230x1,9x22,23	A46Q-BF	25
		291949	230x2,0x22,23	A30Q-BF	25

PREMIUM★★★ CUT-OFF WHEELS

SUPER-THIN CUT-OFF WHEELS FOR STAINLESS STEEL

+ Enhanced economic efficiency
Significant increase in lifetime and cutting ability, which is particularly evident in their first-cut performance. The wheel delivers the best results with shorter cutting times right from the very first cut.

+ Reduced working times
A low load on the workpiece and short cutting times allow you to quickly achieve the best result. No supplementary reworking, such as cleaning or deburring.



+ Maximum comfort while working
The tool operates consistently and without a jamming tendency, producing 30% less cutting dust. Additional sound and vibration damping are features that make the super-thin TYROLIT cut-off wheels a safe and convenient tool.

With the next generation PREMIUM*** cut-off wheels for stainless steel you can enhance performance while significantly reducing tool wear. Super-thin cut-off wheels can be obtained from TYROLIT in thicknesses from 0.75 to 1.6 mm.

They are particularly suitable for thin-walled metal sheets, profiles and pipes, as well as reinforced steel. Even for small stainless steel cross-sections and rods, and corrosion-resistant or acid-resistant stainless steel these cut-off




wheels offer effortless machining. 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.

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PREMIUM★★★ CUT-OFF WHEELS

Super-thin cut-off wheels for stainless steel



	Shape	Type no.	Dimension	Specification	PU		
		41	34040606	115x1,0x22,23	A60R-BFKA	10 Dose	
		34040607	125x1,0x22,23	A60R-BFKA	10 Dose		
		610935	115x0,75x22,23	A60R-BFXA	25		
		674471	115x1,0x22,23	A60R-BFKA	25		
		51841	115x1,6x22,23	A46R-BFKA	25		
		610937	125x0,75x22,23	A60R-BFXA	25		
		674473	125x1,0x22,23	A60R-BFKA	25		
		51844	125x1,6x22,23	A46R-BFKA	25		
		34060382	150x1,2x22,23	A46R-BFKA	25		
		291583	150x1,6x22,23	A46R-BFXA	25		
		34059901	178x1,6x22,23	A46R-BFKA	25		
		34059902	230x2,0x22,23	A30R-BFKA	25		
			42	282149	115x0,75x22,23	A60R-BFXA	25
			282150	125x0,75x22,23	A60R-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 1.9 mm for fast, convenient and low-burr cutting.

	Shape	Type no.	Dimension	Specification	PU	
		41	367562	115x1,0x22,23	A60R-BFINOX	25
		367561	115x1,6x22,23	A46R-BFINOX	25	
		367568	125x1,0x22,23	A60R-BFINOX	25	
		367567	125x1,6x22,23	A46R-BFINOX	25	
		367576	178x1,6x22,23	A30R-BFINOX	25	
		367581	230x1,9x22,23	A46R-BFINOX	25	
		367780	230x2,0x22,23	A30R-BFINOX	25	



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BASIC★ CUT-OFF WHEELS
For stainless steel



The BASIC* cut-off wheel for stainless steel can be used to cut metal sheets, profiles, pipes, rods with small diameters and solid material. 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 1.0 mm thick cut-off wheels are particularly suitable for quick, comfortable and low-burr cutting.

	Shape	Type no.	Dimension	Specification	PU	
		41	222894	115x1.0x22.23	A60R-BFINOX	25
			222896	125x1.0x22.23	A60R-BFINOX	25

PREMIUM★★★ CUT-OFF WHEELS

SUPER-THIN CUT-OFF WHEELS FOR NONFERROUS METALS

+ **Enhanced economic efficiency**
Significant increase in lifetime and cutting ability, which is particularly evident in their first-cut performance. The wheel delivers the best results with shorter cutting times right from the very first cut.

+ **Reduced working times**
Cutting times are reduced when used on aluminium, aluminium bronze, aluminium base alloys, copper, bronze, brass, nickel silver and titanium.



+ **Maximum comfort while working**
The tool operates consistently and without a jamming tendency, producing 30% less cutting dust. Additional sound and vibration damping are features that make the super-thin TYROLIT cut-off wheels a safe and convenient tool.

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

nonferrous 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 the clogging and dulling of the grinding wheel which used to be a common result of material abrasion.

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PREMIUM★★★ CUT-OFF WHEELS

Super-thin cut-off wheels for nonferrous metals



	Shape	Type no.	Dimension	Specification	PU		
		41	840247	115x1.0x22.23	A60N-BFXA	25	
			170530	115x1.2x22.23	A46N-BFXA	25	
			623553	115x1.6x22.23	A46N-BFXA	25	
			257533	125x1.0x22.23	A60N-BFXA	25	
			170542	125x1.2x22.23	A46N-BFXA	25	
			739982	125x1.6x22.23	A46N-BFXA	25	
			170567	150x1.2x22.23	A46N-BFXA	25	
			42	170580	115x1.2x22.23	A46N-BFXA	25
				170586	125x1.2x22.23	A46N-BFXA	25
				170587	150x1.2x22.23	A46N-BFXA	25

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