



Stone Fabrication Pricelist

March 2020 – EUR

Premium grinding tools since 1919
www.tyrolit.com

TYROLIT

The TYROLIT Group

TYROLIT is one of the world's leading manufacturers of grinding and dressing tools as well as a system provider for the construction industry.

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

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



TYROLIT headquarters in Schwaz (Austria)

Facts & Figures



80,000+
products



29
production sites



4,600+
employees worldwide



37
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.

Business units

METAL INDUSTRIES



Automotive industry

Our leading grinding solutions are used for the production of automotive parts with highest precision.



Steel & Foundry

With many years of experience in the machining of high alloyed steel we are the market-leader in the steel industry.



Precision industries

The extensive field of precision industries includes tools and system solutions for various highly specialised applications.



Industrial trade

Our comprehensive assortment for cutting, grinding and surface treatment for professional end users is available worldwide.

CONSTRUCTION



Construction industry

The assortment of high efficiency diamond tools is tailored for the specific needs of customers in the construction industry.



Trade & Rental

Our wide range of professional system solutions for construction-related applications is available worldwide.



Construction professionals

We impress users with extensive know-how in the creation of perfectly optimised machines and tools and a fast repair service.



Project services

Our project services team develops individual system solutions for customer-specific special construction applications.

QUARTZ INDUSTRIES



Stone industry

With a wide assortment of diamond tools for the stone industry, we are a leading supplier in all processing steps from mining to final decorative elements.



Ceramic industry

Our customised diamond tools are used for applications in the ceramic industry – from cutting and squaring to profiling and polishing of ceramic tiles.



Glass industry

We offer diamond tools for drilling and edge processing of glass that is used to create components for the architectural and automotive industry.

100 years of advanced thinking

A passion for technology, many years of experience and a strong innovative spirit have been incorporated into the manufacture of outstanding grinding solutions.



Pioneer in the field of cut-off grinding — We created the first fibre-reinforced cut-off discs in Europe and invented the super-thin technology, which is today's global market standard for high quality cut-off discs.



Technology leader in precision grinding — We are one of the world's leading providers of high-precision grinding tools in the automotive, turbine and tooling industry as well as in various other precision industries.



Market leader in the steel industry — We are the most sought-after producer of the world's biggest cut-off wheels with diameters of up to 2,000 mm for cutting hot semi-finished steel products.



Leading solutions for construction professionals — Our innovative system solutions and the patented diamond technology (TGD®) set new standards in performance and comfort for applications in the construction industry.



Diamond tools for grinding of automotive glass — We were the first company to produce diamond tools for grinding automotive glass at 40 m/min and successfully established an industry-changing concept for edge grinding in the market.



Creator of innovative wire sawing technology — We strongly pursued the development of the wire sawing technology for applications in the stone and construction industry which is still the industry reference today.

International production and sales locations

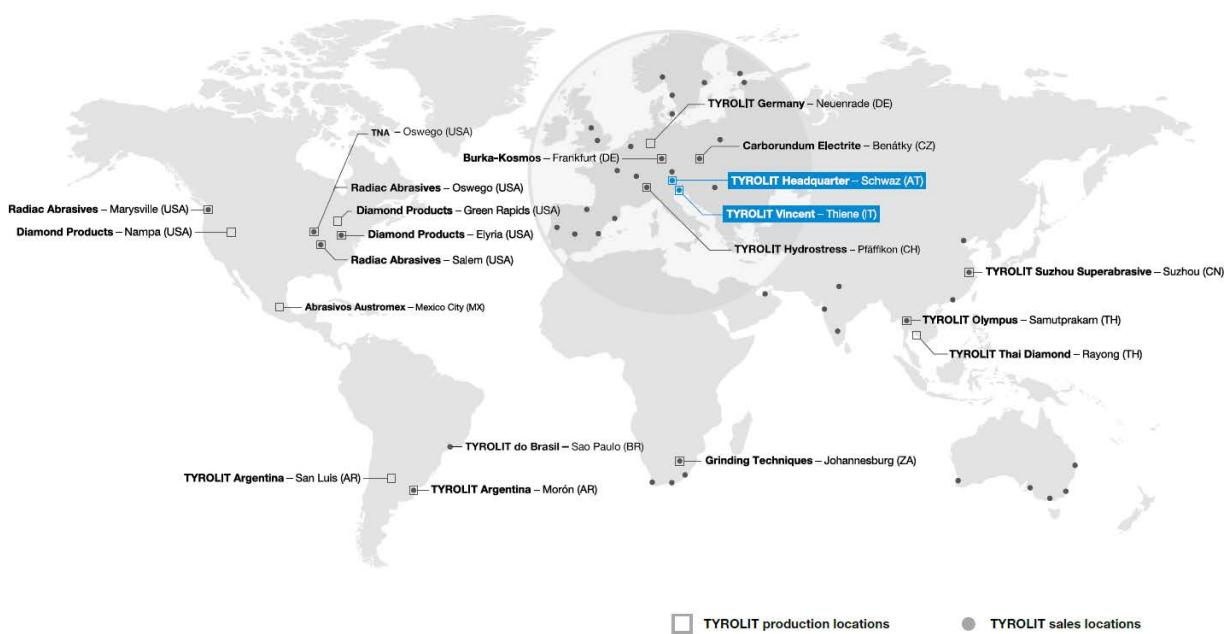
TYROLIT is represented in 29 countries through its own production and sales companies and cooperates in a further 65 countries with local partners.



Production location in Thiene (Italy)



Production location in Suzhou (China)



□ TYROLIT production locations

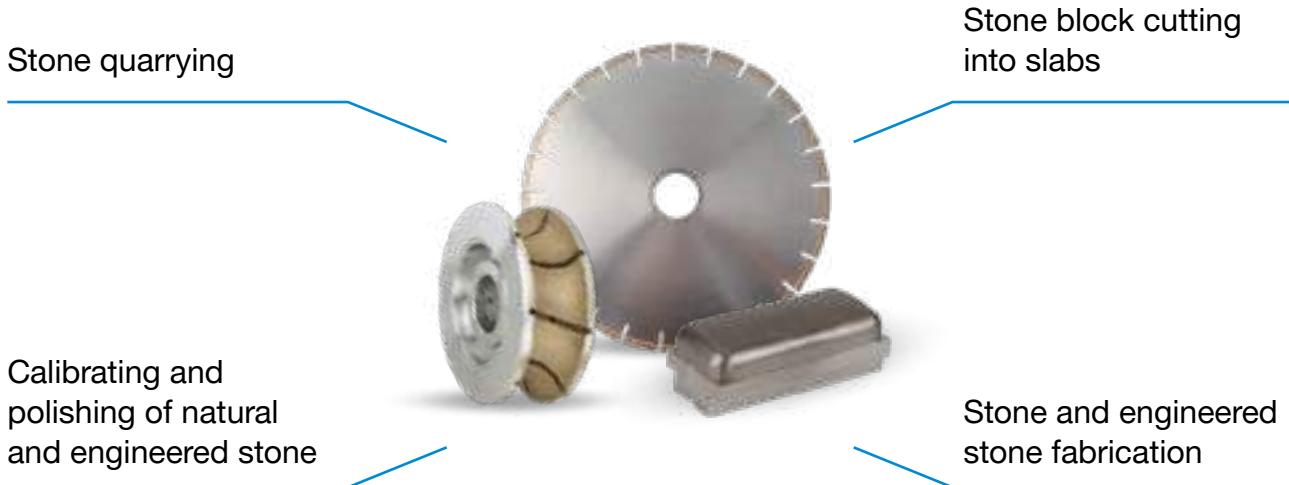
● TYROLIT sales locations

Competence & experience **Professional partner on equal terms**

In all business development stages, TYROLIT always places the customer at the centre of its activities. An experienced team of application engineers is available to our customers throughout the world and works to produce the most economically efficient solutions.

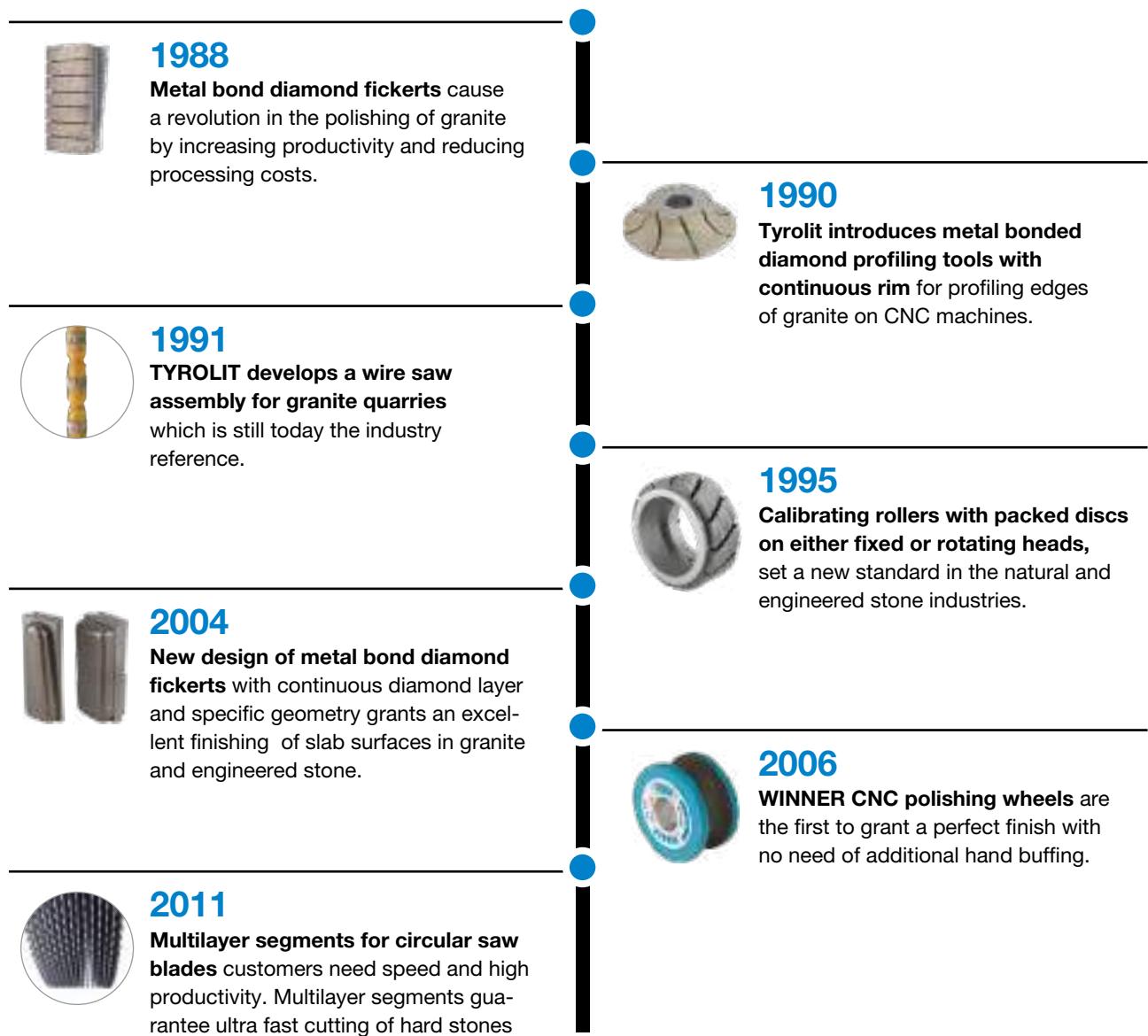
The name of TYROLIT is synonymous with innovative products and tool quality at the highest possible level. In our Development Department we are constantly working on new and innovative products, aiming to make our customers' future processes even more efficient for the infinitive range of materials processing in all stone applications..

TYROLIT Group A global partner for all applications in stone industry and fabrication



Milestones for stone industry

Innovation leadership can only be achieved by constantly coming up with something new that serves the whole branch. TYROLIT did just that in 1952 when it introduced glass fibre reinforcements and thus took on a pioneering role in grinding. In Stone Industry TYROLIT plays an active role in developing innovation and the impressive milestones show it in the daily work of the customers all over the world.





A large, dark, polished stone slab, likely granite or marble, is being processed by a diamond tooling machine. The machine's arms and tools are visible at the bottom, creating a bright, reflective surface on the stone. The background shows a large, light-colored stone structure, possibly a bridge or a series of arches, under a clear blue sky.

Stone fabrication diamond tooling

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CNC Profiling Tools

Roughing wheels for GRANITE and ENGINEERED STONES



Description		Diameter	Bore	Sysnr	Price
					EUR
Segmented profiling wheel 2x45°	Double Hogger	120mm	35mm	490196	494
Segmented profiling wheel 45°	Single Hogger	140mm	35mm	480093	411
Segmented profiling wheel Z35	Thick segment LONG LIFE	80mm	35mm	34210075	296
Segmented profiling wheel Z50	Thin segment FAST CUTTING	80mm	35mm	570397	296
Segmented profiling wheel Z50	Thick segment LONG LIFE	80mm	35mm	768215	296

Segmented profiling wheel Z35	CERAM2	80mm	35mm	34407747	333
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Mitre system for GRANITE and ENGINEERED STONES



Position	Ø (External)	Bore	Spindle speed	Feed rate	Stock removal	Sysnr	Price
							EUR
0	45° segmented profiling wheel	140mm	35mm 4800-5500rpm	1m/min	up to 0,4mm	480093	411
1	45° continuous band wheel	140mm	35mm 4800-5500rpm	1m/min	up to 0,2mm	34012346	495

0	45° segmented profiling wheel	100mm	35mm 4800-5500rpm	1m/min	up to 0,4mm	34393580	350
1	45° continuous band wheel	100mm	35mm 4800-5500rpm	1m/min	up to 0,2mm	34393015	390



OSCILLATING wheels for GRANITE and ENGINEERED STONES

Can be used to eliminate superficial grooves on any profile with a straight section: A , ES , T , X , Z , etc...



available in 2 different diameters

Suitable for 20mm and 30mm slabs

Ø	Height	Bore	Spindle speed	Feed rate	Stock removal	Oscillating cycle (linear)	Sysnr	Price
EUR								
50mm	50mm	35mm	5.500 rpm	1250 mm/min	0,05mm	800mm	764012	370
80mm	50mm	35mm	5.500 rpm	1250 mm/min	0,05mm	800mm	34026765	504

Chamfering for GRANITE and ENGINEERED STONES



available in 2 different diameters

Suitable for 20, 30 and 40mm slabs

Description	Ø (External)	Bore	Sysnr	Price
EUR				
Single 45° inclined wheel	80mm	35mm	674636	255
	120mm	35mm	399591	380
Same set of 2 45° inclined wheels, complete with spacers for 20mm, 30mm, 40mm slab thickness	80mm	35mm	674637	562
	120mm	35mm	462144	820
Spacers for 20mm, 30mm, 40mm slab thickness	Height 27mm		34355454	110
	Height 21mm		34355471	105

EPIC

TYROLIT redefines CNC profiling wheels for stone fabrication.

Tyrolit has revolutionized the production of its CNC profile wheels in order to offer fabricators a boost in performance.

TYROLIT offers a wide range of profiles and diameters:



Perfect hardness distribution:

HS3 tools have a perfect hardness distribution right across the working surface to reduce profile deformation. In an industry which is moving to simpler shapes, it is essential to have the best finish for the longest time possible.



Ultra High Speed:

Thanks to a new bond and a redefined production process, HS3 wheels offer the possibility to run at over 9m/min (350 inches/min).



Increased lifetime:

A revolutionary manufacturing process allows longer intervals between tool reprofile or exchange.

TYROLIT Quality:

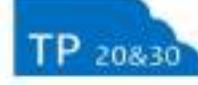
Since the stone fabrication on CNC machine started, Tyrolit has been known for top quality profile tools. The HS3 range of tooling once again places Tyrolit at the cutting edge of profile tool development.

Application guide for CNC profiling tools (Ø 40mm - 140mm)



Position	Type	Feed rate	Stock removal	Spindle speed
0	Segmented profiling wheel	up to 4000 mm/min	up to 0,5 mm	4800-5500 rpm
1	EPIC Slotted profiling wheel	up to 9500 mm/min	up to 0,3 mm	4800-5500 rpm
2	EPIC Slotted profiling wheel	up to 9500 mm/min	up to 0,2 mm	4800-5500 rpm
3	EPIC Slotted profiling wheel	up to 2500 mm/min	up to 0,1 mm	4800-4800 rpm
1	Slotted profiling wheel	up to 5000 mm/min	up to 0,3 mm	4800-5500 rpm
2	Slotted profiling wheel	up to 5000 mm/min	up to 0,2 mm	4800-5500 rpm
3	Slotted profiling wheel	up to 2500 mm/min	up to 0,1 mm	4800-4800 rpm
4	WINNER polishing wheel	up to 1500 mm/min	zero	2700 rpm
5	WINNER polishing wheel	up to 1500 mm/min	zero	2700 rpm
6	WINNER polishing wheel	up to 1500 mm/min	zero	2700 rpm

List of profiles



Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr	Price EUR
Profile A - 20 r6			
Ø 80mm			
0	Segmented profiling wheel	543845	374
1	Slotted profiling wheel	543846	374
2	Slotted profiling wheel	543848	374
3	Slotted profiling wheel	543849	374
4	WINNER polishing wheel	543850	155
5	WINNER polishing wheel	543851	155
6	WINNER polishing wheel	543852	155
			1.961
Profile A - 20 r10			
Ø 120mm			
BEST SELLER			
0	Segmented profiling wheel	533535	406
1	Slotted profiling wheel	533536	385
2	Slotted profiling wheel	533537	385
3	Slotted profiling wheel	541176	385
4	WINNER polishing wheel	402813	146
5	WINNER polishing wheel	402814	146
6	WINNER polishing wheel	402815	146
			1.999
Profile A - 30 r3			
Ø 60mm			
EPIC SELLER			
0	Segmented profiling wheel	34053959	364
1	Slotted profiling wheel	34420522	425
2	Slotted profiling wheel	34420523	425
3	Slotted profiling wheel	34420524	425
* 4	WINNER polishing wheel	410027	161
* 5	WINNER polishing wheel	410028	161
* 6	WINNER polishing wheel	410029	161
			2.122

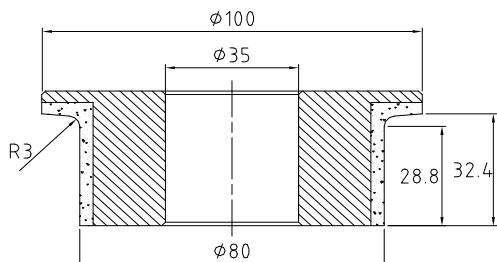
*minimum external Ø of WINNER = 60mm - larger than metal position

Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



Profile A - 30 r3

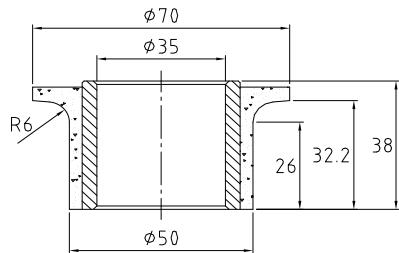


Ø 100mm

	Description	Sysnr	Price EUR
0	Segmented profiling wheel	34180877	395
1	Slotted profiling wheel	34188231	437
2	Slotted profiling wheel	34188232	437
3	Slotted profiling wheel	34188233	437
4	WINNER polishing wheel	410027	161
5	WINNER polishing wheel	410028	161
6	WINNER polishing wheel	410029	161

2.189

Profile A - 30 r6



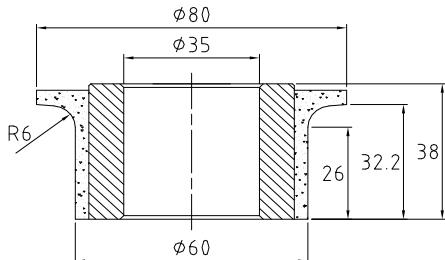
Ø 70mm

	Description	Sysnr	Price EUR
0	Segmented profiling wheel	34051222	364
1	Slotted profiling wheel	34419482	425
2	Slotted profiling wheel	34419483	425
3	Slotted profiling wheel	34419484	425
* 4	WINNER polishing wheel	368100	161
* 5	WINNER polishing wheel	368101	161
* 6	WINNER polishing wheel	368102	161

2.122

*minimum external Ø of WINNER = 60mm - larger than metal position

Profile A - 30 r6



Ø 80mm

	Description	Sysnr	Price EUR
0	Segmented profiling wheel	606604	380
1	Slotted profiling wheel	34415750	447
2	Slotted profiling wheel	34415751	447
3	Slotted profiling wheel	34415752	447
4	WINNER polishing wheel	368100	161
5	WINNER polishing wheel	368101	161
6	WINNER polishing wheel	368102	161

2.204

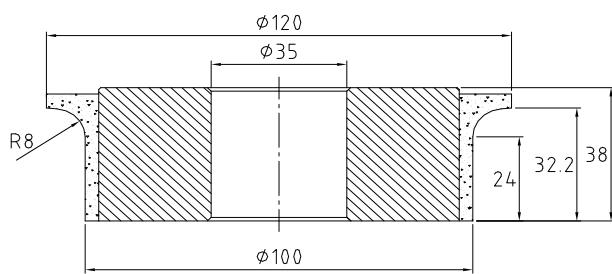
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr	Price EUR
Profile A - 30 r6	Ø 100mm		
	0 Segmented profiling wheel	655623	395
	1 Slotted profiling wheel	34419477	460
	2 Slotted profiling wheel	34419478	460
	3 Slotted profiling wheel	34419481	460
	4 WINNER polishing wheel	368100	161
	5 WINNER polishing wheel	368101	161
	6 WINNER polishing wheel	368102	161
			2.258

Profile A - 30 r6



Ø 120mm

0	Segmented profiling wheel	582700	468
1	Slotted profiling wheel	582701	458
2	Slotted profiling wheel	582702	458
3	Slotted profiling wheel	582705	458
4	WINNER polishing wheel	368100	161
5	WINNER polishing wheel	368101	161
6	WINNER polishing wheel	368102	161

2.325



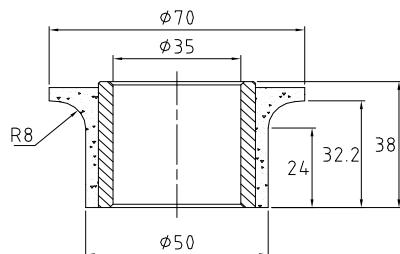
	Description	Sysnr	Price EUR
Profile A - 30 r6+r3	Ø 80mm		
	0 Segmented profiling wheel	34237525	468
	1 Slotted profiling wheel	34419658	480
	2 Slotted profiling wheel	34419659	480
	3 Slotted profiling wheel	34419660	480
	4 WINNER polishing wheel	34165374	195
	5 WINNER polishing wheel	34165376	195
	6 WINNER polishing wheel	34165377	195
			2.493

Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



Profile A - 30 r8

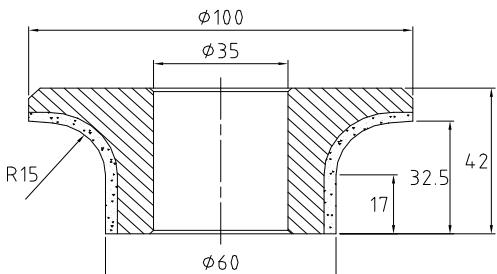


Ø 70mm

	Description	Sysnr	Price EUR
BEST SELLER			
0	Segmented profiling wheel	533551	364
1	Slotted profiling wheel	533552	406
2	Slotted profiling wheel	533553	406
3	Slotted profiling wheel	541182	406
*	4 WINNER polishing wheel	374795	161
*	5 WINNER polishing wheel	374796	161
*	6 WINNER polishing wheel	374798	161
			2.065

*minimum external Ø of WINNER = 60mm - larger than metal position

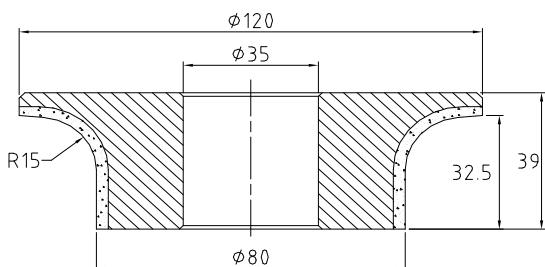
Profile A - 30 r15



Ø 100mm

	Description	Sysnr	Price EUR
BEST SELLER			
0	Segmented profiling wheel	668292	380
1	Slotted profiling wheel	609663	426
2	Slotted profiling wheel	609665	426
3	Slotted profiling wheel	609666	426
4	WINNER polishing wheel	368103	161
5	WINNER polishing wheel	368104	161
6	WINNER polishing wheel	368105	161
			2.141

Profile A - 30 r15



Ø 120mm

	Description	Sysnr	Price EUR
EPIC BEST SELLER			
0	Segmented profiling wheel	34047098	468
1	Slotted profiling wheel	34414117	480
2	Slotted profiling wheel	34414118	480
3	Slotted profiling wheel	34414119	480
4	WINNER polishing wheel	368103	161
5	WINNER polishing wheel	368104	161
6	WINNER polishing wheel	368105	161
			2.391

Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



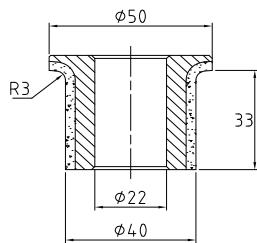
Description	Sysnr	Price EUR
Profile A - 30 r15+r3		
	Ø 100mm	
	0 Segmented profiling wheel 34048103	468
	1 Slotted profiling wheel 34409073	480
	2 Slotted profiling wheel 34409076	480
	3 Slotted profiling wheel 34409078	480
	4 WINNER polishing wheel 526518	187
	5 WINNER polishing wheel 526519	187
	6 WINNER polishing wheel 526520	187
		2.469
Profile A - 30 r15+r3		
	Ø 120mm	
	0 Segmented profiling wheel 34239769	545
	1 Slotted profiling wheel 34239772	530
	2 Slotted profiling wheel 34239773	530
	3 Slotted profiling wheel 34239774	530
	4 WINNER polishing wheel 526518	187
	5 WINNER polishing wheel 526519	187
	6 WINNER polishing wheel 526520	187
		2.696

Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



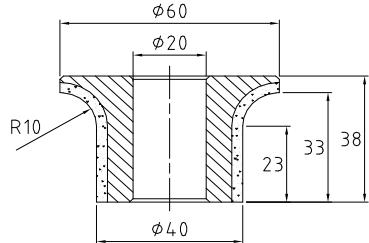
Profile A - 33 r3



$\varnothing 50\text{mm}$ - *** Bore 22mm

		Description	Sysnr	Price EUR
EPIC	BEST SELLER			
0	Segmented profiling wheel	34372484	406	
1	Slotted profiling wheel	34375441	411	
2	Slotted profiling wheel	34375442	411	
3	Slotted profiling wheel	34375443	411	
4	WINNER polishing wheel	34369652	161	
5	WINNER polishing wheel	34369653	161	
6	WINNER polishing wheel	34369655	161	
				2.122

Profile A - 33 r10



$\varnothing 60\text{mm}$ - *** Bore 20mm

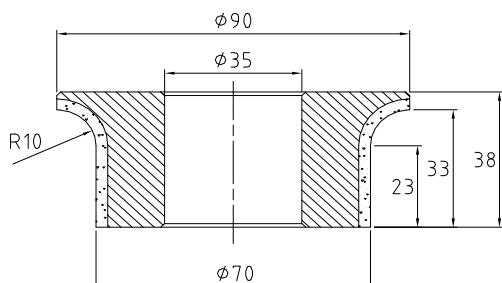
		Description	Sysnr	Price EUR
EPIC	BEST SELLER			
0	Segmented profiling wheel	657553	367	
1	Slotted profiling wheel	657557	389	
2	Slotted profiling wheel	657560	389	
3	Slotted profiling wheel	657561	389	
4	WINNER polishing wheel	658356	160	
5	WINNER polishing wheel	658357	160	
6	WINNER polishing wheel	658359	160	
				2.014

Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



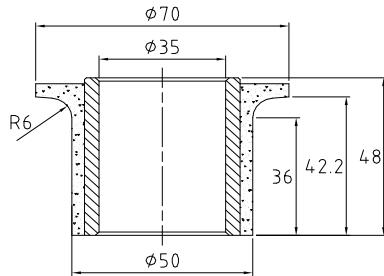
Profile A - 33 r10



Ø 90mm

	Description	Sysnr	Price EUR
0	Segmented profiling wheel	34369283	380
1	Slotted profiling wheel	34423956	447
2	Slotted profiling wheel	34423958	447
3	Slotted profiling wheel	34423959	447
4	WINNER polishing wheel	640237	161
5	WINNER polishing wheel	640238	161
6	WINNER polishing wheel	640239	161
2.204			

Profile A - 40 r6

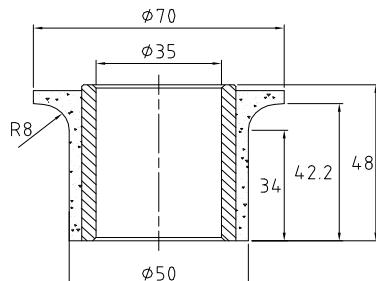


Ø 70mm

	Description	Sysnr	Price EUR
0	Segmented profiling wheel	554719	406
1	Slotted profiling wheel	554720	426
2	Slotted profiling wheel	554721	426
3	Slotted profiling wheel	554722	426
* 4	WINNER polishing wheel	458773	203
* 5	WINNER polishing wheel	458774	203
* 6	WINNER polishing wheel	458775	203
2.293			

*minimum external Ø of WINNER = 60mm - larger than metal position

Profile A - 40 r8



Ø 70mm

	Description	Sysnr	Price EUR
0	Segmented profiling wheel	533557	406
1	Slotted profiling wheel	533560	426
2	Slotted profiling wheel	533561	426
3	Slotted profiling wheel	541183	426
* 4	WINNER polishing wheel	461476	203
* 5	WINNER polishing wheel	461478	203
* 6	WINNER polishing wheel	461480	203
2.293			

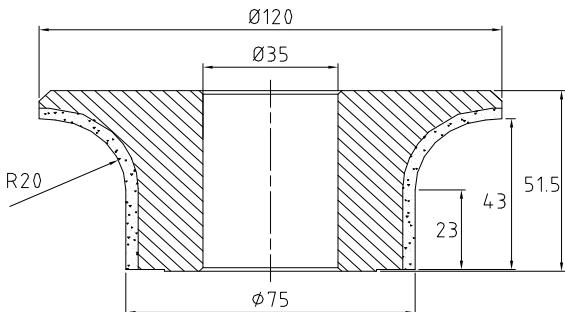
*minimum external Ø of WINNER = 60mm - larger than metal position

Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



Profile A - 40 r20

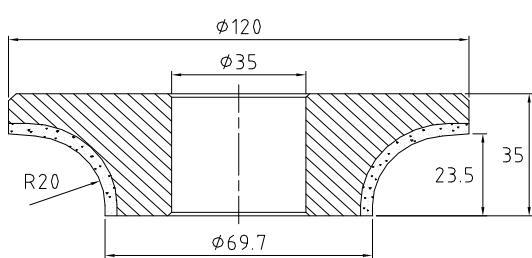


Ø 120mm

Description		Sysnr	Price EUR
Ø 120mm			
0	Segmented profiling wheel	533562	541
1	Slotted profiling wheel	34422493	557
2	Slotted profiling wheel	34422497	557
3	Slotted profiling wheel	34422498	557
4	WINNER polishing wheel	402816	203
5	WINNER polishing wheel	402817	203
6	WINNER polishing wheel	402818	203
			2.821



Profile B - 20 r20

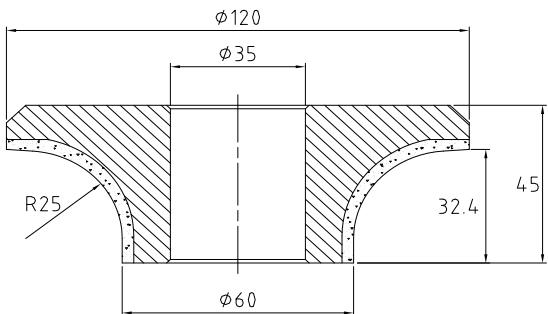


Ø 120mm

Description		Sysnr	Price EUR
Ø 120mm			
0	Segmented profiling wheel	533566	437
1	Slotted profiling wheel	533569	435
2	Slotted profiling wheel	533570	435
3	Slotted profiling wheel	541186	435
4	WINNER polishing wheel	400040	161
5	WINNER polishing wheel	400041	161
6	WINNER polishing wheel	400042	161
			2.225



Profile B - 30 r25



Ø 120mm

Description		Sysnr	Price EUR
Ø 120mm			
0	Segmented profiling wheel	668293	385
1	Slotted profiling wheel	34420460	450
2	Slotted profiling wheel	34420531	450
3	Slotted profiling wheel	34420532	450
4	WINNER polishing wheel	374799	182
5	WINNER polishing wheel	374800	182
6	WINNER polishing wheel	374801	182
			2.281

Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr	Price EUR
Profile B - 30 r25	Ø 140mm		
	Ø 140mm		
	0 Segmented profiling wheel	530515	478
	1 Slotted profiling wheel	530516	463
	2 Slotted profiling wheel	530517	463
	3 Slotted profiling wheel	541187	463
	4 WINNER polishing wheel	374799	182
	5 WINNER polishing wheel	374800	182
	6 WINNER polishing wheel	374801	182
			2.413
Profile B - 30 r30+r3	Ø 120mm	EPIC	
	Ø 120mm	EPIC	
	0 Segmented profiling wheel	34051226	499
	1 Slotted profiling wheel	34419455	515
	2 Slotted profiling wheel	34419456	515
	3 Slotted profiling wheel	34419457	515
	4 WINNER polishing wheel	495783	198
	5 WINNER polishing wheel	495784	198
	6 WINNER polishing wheel	495786	198
			2.638
Profile B - 40 r40	Ø 140mm	BEST SELLER	
	Ø 140mm	BEST SELLER	
	0 Segmented profiling wheel	533572	624
	1 Slotted profiling wheel	533573	593
	2 Slotted profiling wheel	533575	593
	3 Slotted profiling wheel	541189	593
	4 WINNER polishing wheel	393820	203
	5 WINNER polishing wheel	393821	203
	6 WINNER polishing wheel	393822	203
			3.012

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Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr	Price EUR
Profile D - 20	Ø 114mm		
	0 Segmented profiling wheel	34398885	570
	1 Slotted profiling wheel	34398886	540
	2 Slotted profiling wheel	34398887	540
	3 Slotted profiling wheel	34398888	540
*	4 WINNER polishing wheel	34397400	200
*	5 WINNER polishing wheel	34397421	200
*	6 WINNER polishing wheel	34397422	200
			2.790

*minimum external Ø of WINNER = 60mm - larger than metal position

	Description	Sysnr	Price EUR
Profile D - 30	Ø 124mm		
	0 Segmented profiling wheel	533974	624
	1 Slotted profiling wheel	533975	593
	2 Slotted profiling wheel	533976	593
	3 Slotted profiling wheel	541191	593
*	4 WINNER polishing wheel	402819	213
*	5 WINNER polishing wheel	402820	213
*	6 WINNER polishing wheel	402821	213
			3.042

*minimum external Ø of WINNER = 60mm - larger than metal position

	Description	Sysnr	Price EUR
Profile E - 30	Ø 120mm		
	0 Segmented profiling wheel	533983	416
	1 Slotted profiling wheel	533984	478
	2 Slotted profiling wheel	533986	478
	3 Slotted profiling wheel	541196	478
	4 WINNER polishing wheel	397235	187
	5 WINNER polishing wheel	397237	187
	6 WINNER polishing wheel	397238	187
			2.411

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Profiling wheels for GRANITE and ENGINEERED STONE



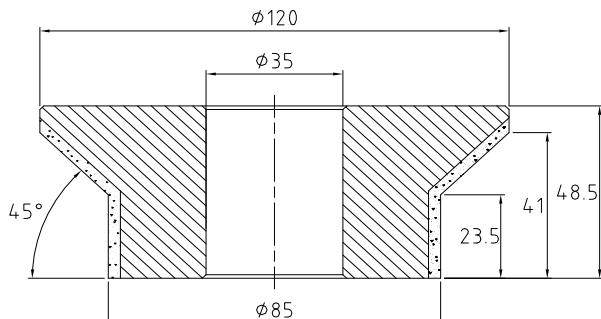
	Description	Sysnr	Price EUR
Profile EC - 20 r3	Ø 120mm		
		0 Segmented profiling wheel 34164957	440
		1 Segmented profiling wheel 34164958	440
		2 Segmented profiling wheel 34164960	440
		3 Segmented profiling wheel 34164981	440
		4 WINNER polishing wheel 34168854	187
		5 WINNER polishing wheel 34168855	187
		6 WINNER polishing wheel 34168856	187
			2.321
Profile EC - 30&40	Ø 120mm		
(Same set for both 30mm and 40mm slabs)			
		0 Segmented profiling wheel 533987	478
		1 Slotted profiling wheel 34422090	567
		2 Slotted profiling wheel 34422142	567
		3 Slotted profiling wheel 34422143	567
		4 WINNER polishing wheel 386926	198
		5 WINNER polishing wheel 386927	198
		6 WINNER polishing wheel 386928	198
			2.773
Profile EC - 30 r3	Ø 120mm		
		0 Segmented profiling wheel 34159924	496
		1 Slotted profiling wheel 34159925	490
		2 Slotted profiling wheel 34159926	490
		3 Slotted profiling wheel 34159927	490
		4 WINNER polishing wheel 34161139	198
		5 WINNER polishing wheel 34161143	198
		6 WINNER polishing wheel 34161144	198
			2.560

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Profiling wheels for GRANITE and ENGINEERED STONE



Profile EC - 38



Ø 120mm

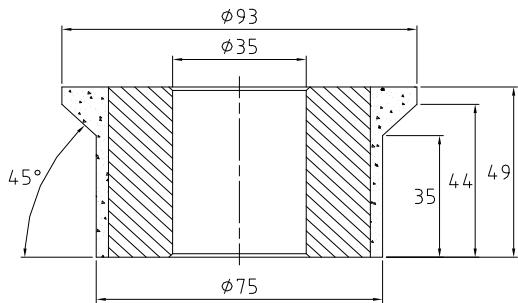
	Description	Sysnr	Price EUR
0	Segmented profiling wheel	667137	468
1	Slotted profiling wheel	667143	520
2	Slotted profiling wheel	667144	520
3	Slotted profiling wheel	667145	520
4	WINNER polishing wheel	487091	198
5	WINNER polishing wheel	487092	198
6	WINNER polishing wheel	487093	198

2.622



Profile ES - 30&40

(Same set for both 30mm and 40mm slabs)

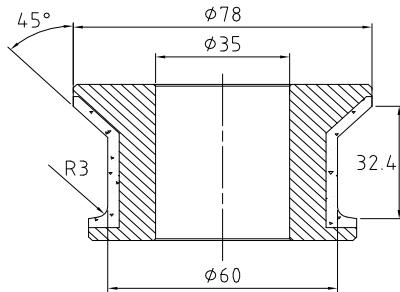


Ø 93mm

	Description	Sysnr	Price EUR
0	Segmented profiling wheel	34048911	468
1	Slotted profiling wheel	34402943	524
2	Slotted profiling wheel	34402944	524
3	Slotted profiling wheel	34402945	524
4	WINNER polishing wheel	374805	187
5	WINNER polishing wheel	374807	187
6	WINNER polishing wheel	374808	187

2.601

Profile ES - 30 r3



Ø 78mm

	Description	Sysnr	Price EUR
0	Segmented profiling wheel	34259315	475
1	Slotted profiling wheel	34416726	485
2	Slotted profiling wheel	34416727	485
3	Slotted profiling wheel	34416728	485
4	WINNER polishing wheel	34216899	198
5	WINNER polishing wheel	34216931	198
6	WINNER polishing wheel	34216932	198

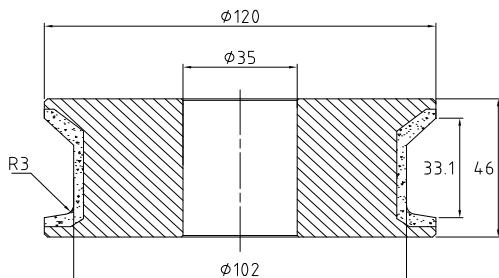
2.524

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Profiling wheels for GRANITE and ENGINEERED STONE



Profile ES - 30 r3



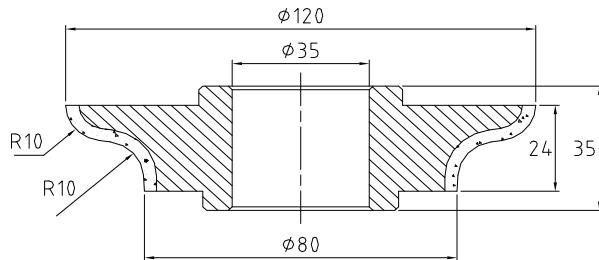
Ø 120mm

	Description	Sysnr	Price EUR
EPIC			
BEST SELLER			
0	Segmented profiling wheel	34251696	496
1	Slotted profiling wheel	34405309	515
2	Slotted profiling wheel	34405300	515
3	Slotted profiling wheel	34405341	515
4	WINNER polishing wheel	34216899	198
5	WINNER polishing wheel	34216931	198
6	WINNER polishing wheel	34216932	198

2.635



Profile F - 20

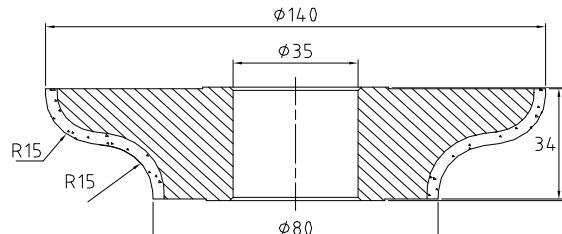


Ø 120mm

	Description	Sysnr	Price EUR
BEST SELLER			
0	Segmented profiling wheel	534030	468
1	Slotted profiling wheel	534031	447
2	Slotted profiling wheel	534032	447
3	Slotted profiling wheel	541200	447
4	WINNER polishing wheel	402825	182
5	WINNER polishing wheel	402828	182
6	WINNER polishing wheel	402829	182

2.355

Profile F - 30



Ø 140mm

	Description	Sysnr	Price EUR
BEST SELLER			
0	Segmented profiling wheel	534033	551
1	Slotted profiling wheel	534034	530
2	Slotted profiling wheel	534037	530
3	Slotted profiling wheel	541201	530
4	WINNER polishing wheel	374802	218
5	WINNER polishing wheel	374803	218
6	WINNER polishing wheel	374804	218

2.795

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Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr	Price EUR
Profile F - 40	Ø 150mm		
	0 Segmented profiling wheel	534038	707
	1 Slotted profiling wheel	534039	676
	2 Slotted profiling wheel	534040	676
	3 Slotted profiling wheel	541202	676
	4 WINNER polishing wheel	402830	239
	5 WINNER polishing wheel	402831	239
	6 WINNER polishing wheel	402832	239
			3.452



	Description	Sysnr	Price EUR
Profile FG - 33	Ø 120mm		
	0 Segmented profiling wheel	34044148	676
	1 Slotted profiling wheel	34424738	682
	2 Slotted profiling wheel	34424739	682
	3 Slotted profiling wheel	34424740	682
	4 WINNER polishing wheel	393503	250
	5 WINNER polishing wheel	393505	250
	6 WINNER polishing wheel	393506	250
			3.472

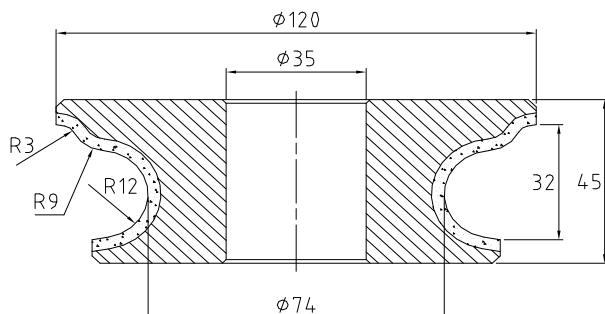
	Description	Sysnr	Price EUR
Profile FG - 40	Ø 120mm		
	0 Segmented profiling wheel	534051	728
	1 Slotted profiling wheel	534052	697
	2 Slotted profiling wheel	534055	697
	3 Slotted profiling wheel	541207	697
	4 WINNER polishing wheel	382678	260
	5 WINNER polishing wheel	382680	260
	6 WINNER polishing wheel	382683	260
			3.599

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Profiling wheels for GRANITE and ENGINEERED STONE



Profile FGS - 30 r3

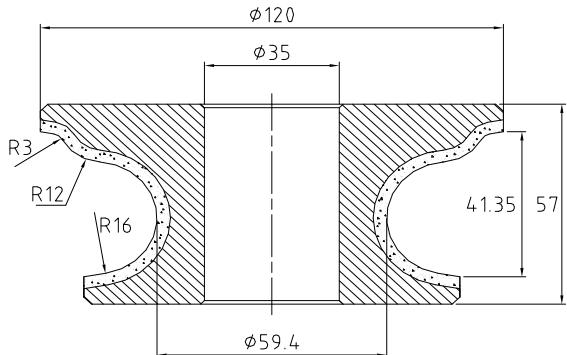


Ø 120mm

Description	Sysnr	Price
		EUR
0 Segmented profiling wheel	543785	655
1 Slotted profiling wheel	543787	624
2 Slotted profiling wheel	543788	624
3 Slotted profiling wheel	543789	624
4 WINNER polishing wheel	543790	250
5 WINNER polishing wheel	543791	250
6 WINNER polishing wheel	543792	250

3.277

Profile FGS - 40 r3

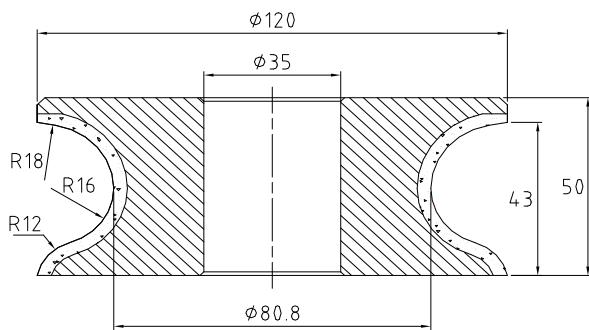


Ø 120mm

Description	Sysnr	Price
		EUR
0 Segmented profiling wheel	534062	759
1 Slotted profiling wheel	534064	728
2 Slotted profiling wheel	534066	728
3 Slotted profiling wheel	541210	728
4 WINNER polishing wheel	465602	312
5 WINNER polishing wheel	465603	312
6 WINNER polishing wheel	465604	312

3.879

Profile FGS - 40



Ø 120mm



Description	Sysnr	Price
		EUR
0 Segmented profiling wheel	534058	728
1 Slotted profiling wheel	534059	697
2 Slotted profiling wheel	534060	697
3 Slotted profiling wheel	541208	697
4 WINNER polishing wheel	377925	260
5 WINNER polishing wheel	377926	260
6 WINNER polishing wheel	377927	260

3.599

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Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr	Price EUR
Profile FS - 30	Ø 120mm		
	0 Segmented profiling wheel	34051224	541
	1 Slotted profiling wheel	34414193	546
	2 Slotted profiling wheel	34414194	546
	3 Slotted profiling wheel	34414195	546
	4 WINNER polishing wheel	368107	208
	5 WINNER polishing wheel	368108	208
	6 WINNER polishing wheel	368109	208
			2.803



	Description	Sysnr	Price EUR
Profile FS - 30 r3	Ø 130mm		
	0 Segmented profiling wheel	34048912	603
	1 Slotted profiling wheel	34415229	610
	2 Slotted profiling wheel	34415230	610
	3 Slotted profiling wheel	34415234	610
	4 WINNER polishing wheel	539356	240
	5 WINNER polishing wheel	539358	240
	6 WINNER polishing wheel	539360	240
			3.153



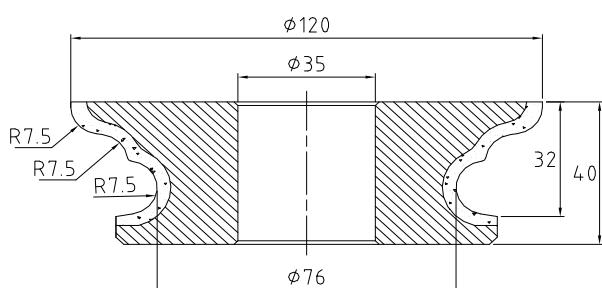
	Description	Sysnr	Price EUR
Profile FS - 40	Ø 120mm		
	0 Segmented profiling wheel	534071	567
	1 Slotted profiling wheel	34421295	567
	2 Slotted profiling wheel	34421296	567
	3 Slotted profiling wheel	34421297	567
	4 WINNER polishing wheel	386929	234
	5 WINNER polishing wheel	386930	234
	6 WINNER polishing wheel	386931	234
			2.970

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Profiling wheels for GRANITE and ENGINEERED STONE



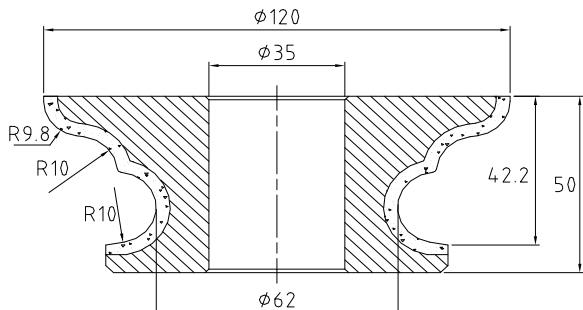
Profile FV - 30



Ø 120mm

Description	Sysnr	Price EUR
BEST SELLER		
0 Segmented profiling wheel	534074	572
1 Slotted profiling wheel	534076	541
2 Slotted profiling wheel	534080	541
3 Slotted profiling wheel	541214	541
4 WINNER polishing wheel	386934	234
5 WINNER polishing wheel	386936	234
6 WINNER polishing wheel	386937	234
		2.897

Profile FV - 40

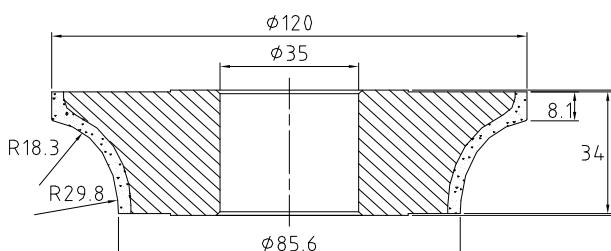


Ø 120mm

Description	Sysnr	Price EUR
BEST SELLER		
0 Segmented profiling wheel	534081	770
1 Slotted profiling wheel	534084	738
2 Slotted profiling wheel	534086	738
3 Slotted profiling wheel	541215	738
4 WINNER polishing wheel	386940	260
5 WINNER polishing wheel	386941	260
6 WINNER polishing wheel	386942	260
		3.764



Profile H - 30



Ø 120mm

Description	Sysnr	Price EUR
BEST SELLER		
0 Segmented profiling wheel	534142	520
1 Slotted profiling wheel	534144	489
2 Slotted profiling wheel	534146	489
3 Slotted profiling wheel	541218	489
4 WINNER polishing wheel	402839	208
5 WINNER polishing wheel	402840	208
6 WINNER polishing wheel	402841	208
		2.611

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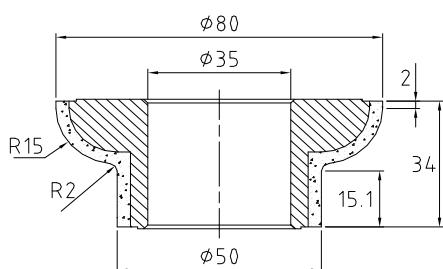
Profiling wheels for GRANITE and ENGINEERED STONE



Profile L - 30

Ø 80mm

EUR
BEST SELLER



Description	Sysnr	Price
0 Segmented profiling wheel	34423671	432
1 Slotted profiling wheel	552133	400
2 Slotted profiling wheel	552134	400
3 Slotted profiling wheel	552135	400
* 4 WINNER polishing wheel	402848	203
* 5 WINNER polishing wheel	402850	203
* 6 WINNER polishing wheel	402851	203

2.241

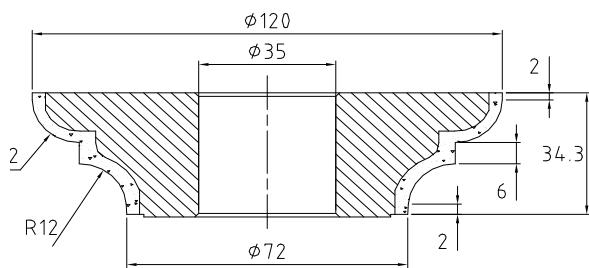
*minimum external Ø of WINNER = 60mm - larger than metal position



Profile O - 30

Ø 120mm

EUR
BEST SELLER



Description	Sysnr	Price
0 Segmented profiling wheel	534155	593
1 Slotted profiling wheel	534156	551
2 Slotted profiling wheel	534157	551
3 Slotted profiling wheel	541221	551
4 WINNER polishing wheel	402864	244
5 WINNER polishing wheel	402865	244
6 WINNER polishing wheel	402866	244

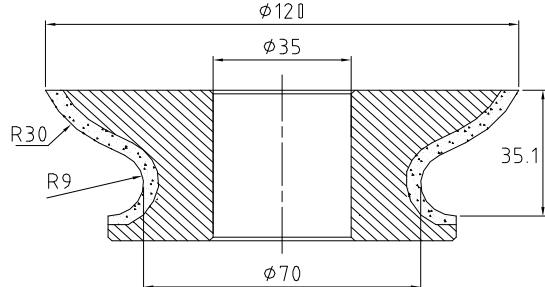
2.978



Profile OG - 30

Ø 120mm

EUR
BEST SELLER



Description	Sysnr	Price
0 Segmented profiling wheel	34047099	603
1 Slotted profiling wheel	34189802	582
2 Slotted profiling wheel	34189803	582
3 Slotted profiling wheel	34189804	582
4 WINNER polishing wheel	374809	229
5 WINNER polishing wheel	374810	229
6 WINNER polishing wheel	374812	229

3.036

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Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr	Price EUR
Profile PE - 30 r23	Ø 100mm		BEST SELLER
		0 Segmented profiling wheel 534161	499
		1 Slotted profiling wheel 534162	478
		2 Slotted profiling wheel 534165	478
		3 Slotted profiling wheel 541229	478
		4 WINNER polishing wheel 410377	208
		5 WINNER polishing wheel 410378	208
		6 WINNER polishing wheel 410383	208
			2.557
Profile PE - 30 r23+r3	Ø 100mm		BEST SELLER
		0 Segmented profiling wheel 34051228	524
		1 Slotted profiling wheel 34163460	524
		2 Slotted profiling wheel 34163482	524
		3 Slotted profiling wheel 34163483	524
		4 WINNER polishing wheel 697711	215
		5 WINNER polishing wheel 697712	215
		6 WINNER polishing wheel 697713	215
			2.741
Profile PE - 30 r30	Ø 100mm		BEST SELLER
		0 Segmented profiling wheel 602385	499
		1 Slotted profiling wheel 602407	478
		2 Slotted profiling wheel 602410	478
		3 Slotted profiling wheel 602414	478
		4 WINNER polishing wheel 602424	229
		5 WINNER polishing wheel 602427	229
		6 WINNER polishing wheel 602441	229
			2.620

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Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr	Price EUR
Profile PE - 40 r40	Ø 100mm		
	0 Segmented profiling wheel	620745	562
	1 Slotted profiling wheel	620760	541
	2 Slotted profiling wheel	620762	541
	3 Slotted profiling wheel	620764	541
	4 WINNER polishing wheel	621026	229
	5 WINNER polishing wheel	621027	229
	6 WINNER polishing wheel	621029	229
			2.872



	Description	Sysnr	Price EUR
Profile Q - 30	Ø 140mm		
	0 Segmented profiling wheel	534321	666
	1 Slotted profiling wheel	534322	634
	2 Slotted profiling wheel	534324	634
	3 Slotted profiling wheel	541233	634
	4 WINNER polishing wheel	402876	229
	5 WINNER polishing wheel	402877	229
	6 WINNER polishing wheel	402878	229
			3.255

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Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr	Price EUR
Profile T - 20 r3	Ø 57mm - *** Bore 22mm		
	0 Segmented profiling wheel	34372486	333
	1 Slotted profiling wheel	34376042	367
	2 Slotted profiling wheel	34376043	367
	3 Slotted profiling wheel	34376046	367
*	4 WINNER polishing wheel	34363193	154
*	5 WINNER polishing wheel	34363194	154
*	6 WINNER polishing wheel	34363195	154
			1.896
Profile T - 20 r3	Ø 65mm		
	0 Segmented profiling wheel	536037	343
	1 Slotted profiling wheel	34409155	415
	2 Slotted profiling wheel	34409156	415
	3 Slotted profiling wheel	34409157	415
*	4 WINNER polishing wheel	405245	156
*	5 WINNER polishing wheel	405246	156
*	6 WINNER polishing wheel	405247	156
			2.056
*minimum external Ø of WINNER = 60mm - larger than metal position			
Profile T - 20 r3	Ø 120mm		
	0 Segmented profiling wheel	537221	499
	1 Slotted profiling wheel	34412377	492
	2 Slotted profiling wheel	34412378	492
	3 Slotted profiling wheel	34412380	492
	4 WINNER polishing wheel	405245	156
	5 WINNER polishing wheel	405246	156
	6 WINNER polishing wheel	405247	156
			2.443

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Profiling wheels for GRANITE and ENGINEERED STONE



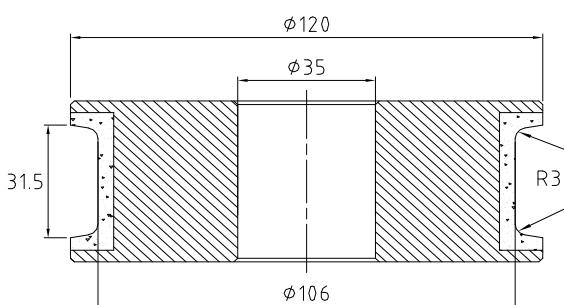
	Description	Sysnr	Price EUR
Profile T - 30 r3	Ø 58mm - *** Bore 22mm		
	0 Segmented profiling wheel 34241437	416	
	1 Slotted profiling wheel 34397601	425	
	2 Slotted profiling wheel 34397602	425	
	3 Slotted profiling wheel 34397603	425	
	4 WINNER polishing wheel 34241446	164	
	5 WINNER polishing wheel 34241447	164	
	6 WINNER polishing wheel 34241448	164	
			2.183
Profile T - 30 r3	Ø 66mm		
	0 Segmented profiling wheel 34047096	354	
	1 Slotted profiling wheel 34409121	437	
	2 Slotted profiling wheel 34409122	437	
	3 Slotted profiling wheel 34409123	437	
*	4 WINNER polishing wheel 402885	170	
*	5 WINNER polishing wheel 402886	170	
*	6 WINNER polishing wheel 402887	170	
			2.175
<u>*minimum external Ø of WINNER = 60mm - larger than metal position</u>			
Profile T - 30 r3	Ø 80mm		
	0 Segmented profiling wheel 34203445	467	
	1 Slotted profiling wheel 34350830	480	
	2 Slotted profiling wheel 34350851	480	
	3 Slotted profiling wheel 34350852	480	
	4 WINNER polishing wheel 402885	170	
	5 WINNER polishing wheel 402886	170	
	6 WINNER polishing wheel 402887	170	
			2.417

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Profiling wheels for GRANITE and ENGINEERED STONE



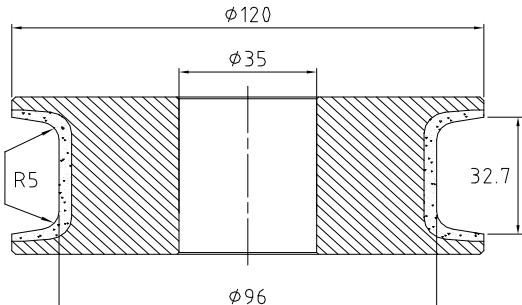
Profile T - 30 r3



Ø 120mm

Description		Sysnr	Price
			EUR
EPIC	BEST SELLER		
0	Segmented profiling wheel	34047097	593
1	Slotted profiling wheel	34351282	600
2	Slotted profiling wheel	34351283	600
3	Slotted profiling wheel	34351284	600
4	WINNER polishing wheel	402885	170
5	WINNER polishing wheel	402886	170
6	WINNER polishing wheel	402887	170
			2.903

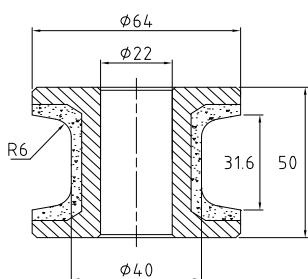
Profile T - 30 r5



Ø 120mm

Description		Sysnr	Price
BEST SELLER			
0	Segmented profiling wheel	669886	593
1	Slotted profiling wheel	669887	572
2	Slotted profiling wheel	669889	572
3	Slotted profiling wheel	669890	572
4	WINNER polishing wheel	440414	170
5	WINNER polishing wheel	440415	170
6	WINNER polishing wheel	440416	170
			2.819

Profile T - 30 r6



Ø 58mm - * Bore 22mm**

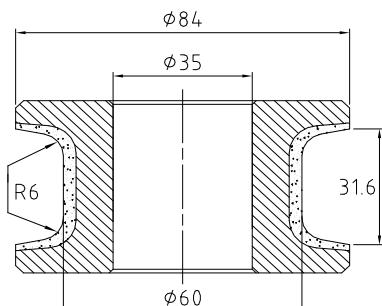
Description		Sysnr	Price
EPIC	BEST SELLER		
0	Segmented profiling wheel	34425270	416
1	Slotted profiling wheel	34422932	425
2	Slotted profiling wheel	34422933	425
3	Slotted profiling wheel	34422934	425
4	WINNER polishing wheel	34432249	164
5	WINNER polishing wheel	34432250	164
6	WINNER polishing wheel	34432281	164
			2.183

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Profiling wheels for GRANITE and ENGINEERED STONE



Profile T - 30 r6

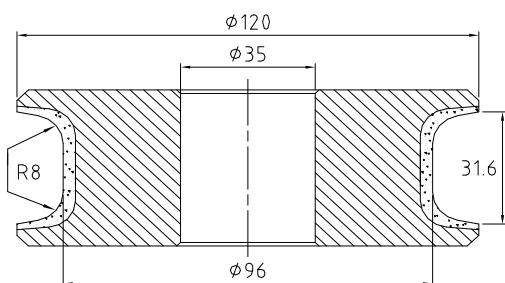


Ø 80mm

	Description	Sysnr	Price EUR
0	Segmented profiling wheel	34203447	468
1	Slotted profiling wheel	34041419	458
2	Slotted profiling wheel	34041420	458
3	Slotted profiling wheel	34041431	458
4	WINNER polishing wheel	498579	170
5	WINNER polishing wheel	498581	170
6	WINNER polishing wheel	498583	170

2.352

Profile T - 30 r8

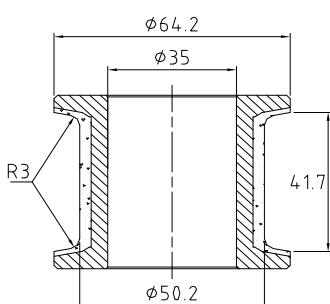


Ø 120mm

	Description	Sysnr	Price EUR
0	Segmented profiling wheel	34051207	593
1	Slotted profiling wheel	34325927	600
2	Slotted profiling wheel	34325929	600
3	Slotted profiling wheel	34325941	600
4	WINNER polishing wheel	386943	170
5	WINNER polishing wheel	386944	170
6	WINNER polishing wheel	386945	170

2.903

Profile T - 40 r3



Ø 64mm

	Description	Sysnr	Price EUR
0	Segmented profiling wheel	537231	490
1	Slotted profiling wheel	34405320	504
2	Slotted profiling wheel	34405321	504
3	Slotted profiling wheel	34405322	504
* 4	WINNER polishing wheel	402888	208
* 5	WINNER polishing wheel	402889	208
* 6	WINNER polishing wheel	402890	208

2.626

*minimum external Ø of WINNER = 60mm - larger than metal position

Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



		Description	Sysnr	Price EUR
Profile T - 40 r3		Ø 120mm		
			EPIC	BEST SELLER
		0 Segmented profiling wheel	34053958	655
		1 Slotted profiling wheel	34421281	655
		2 Slotted profiling wheel	34421283	655
		3 Slotted profiling wheel	34421284	655
		4 WINNER polishing wheel	402888	208
		5 WINNER polishing wheel	402889	208
		6 WINNER polishing wheel	402890	208
				3.244
Profile T - 40 r8		Ø 120mm		
			BEST SELLER	
		0 Segmented profiling wheel	537237	655
		1 Slotted profiling wheel	537238	624
		2 Slotted profiling wheel	537239	624
		3 Slotted profiling wheel	541250	624
		4 WINNER polishing wheel	386947	208
		5 WINNER polishing wheel	386948	208
		6 WINNER polishing wheel	386949	208
				3.151

Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



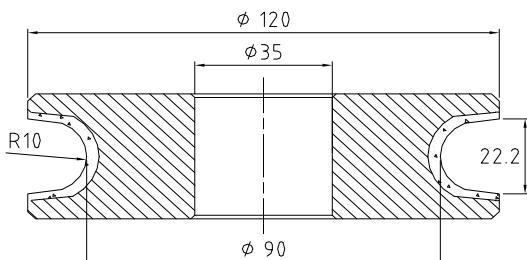
	Description	Sysnr	Price EUR
Profile TP - 20 r5 + r1,5	Ø 120mm		
	0 Segmented profiling wheel	480093	411
	1 Slotted profiling wheel	537240	468
	2 Slotted profiling wheel	537241	468
	3 Slotted profiling wheel	541295	468
	4 WINNER polishing wheel	402891	187
	5 WINNER polishing wheel	402892	187
	6 WINNER polishing wheel	402893	187
			2.376
Profile TP - 30 r8 + r2	Ø 120mm		
	0 Segmented profiling wheel	677677	593
	1 Slotted profiling wheel	533526	562
	2 Slotted profiling wheel	533528	562
	3 Slotted profiling wheel	541296	562
	4 WINNER polishing wheel	374813	208
	5 WINNER polishing wheel	374814	208
	6 WINNER polishing wheel	374815	208
			2.903
Profile TP - 40 r10 + r2,5	Ø 140mm		
	0 Segmented profiling wheel	480093	411
	1 Slotted profiling wheel	537242	624
	2 Slotted profiling wheel	537243	624
	3 Slotted profiling wheel	541297	624
	4 WINNER polishing wheel	402894	250
	5 WINNER polishing wheel	402895	250
	6 WINNER polishing wheel	402897	250
			3.033

Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



Profile V - 20

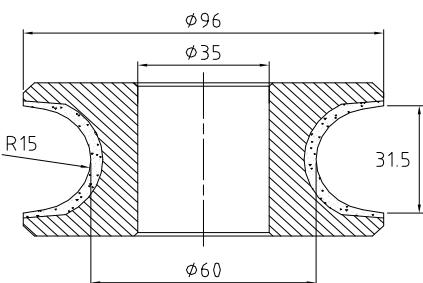


Ø 120mm

	Description	Sysnr	Price EUR
0	Segmented profiling wheel	537256	458
1	Slotted profiling wheel	537257	437
2	Slotted profiling wheel	539335	437
3	Slotted profiling wheel	541303	437
4	WINNER polishing wheel	386955	156
5	WINNER polishing wheel	386959	156
6	WINNER polishing wheel	386961	156

2.237

Profile V - 30

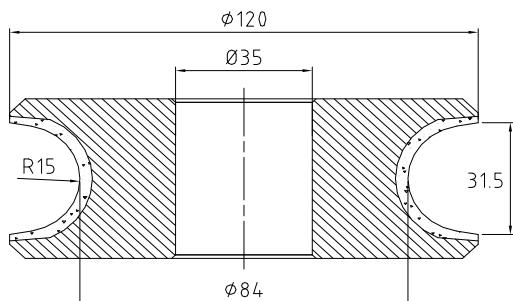


Ø 80mm

	Description	Sysnr	Price EUR
0	Segmented profiling wheel	744542	406
1	Slotted profiling wheel	34417106	430
2	Slotted profiling wheel	34417107	430
3	Slotted profiling wheel	34417108	430
4	WINNER polishing wheel	368110	170
5	WINNER polishing wheel	368111	170
6	WINNER polishing wheel	368112	170

2.206

Profile V - 30



Ø 120mm

	Description	Sysnr	Price EUR
0	Segmented profiling wheel	34047093	499
1	Slotted profiling wheel	34368151	520
2	Slotted profiling wheel	34368152	520
3	Slotted profiling wheel	34368153	520
4	WINNER polishing wheel	368110	170
5	WINNER polishing wheel	368111	170
6	WINNER polishing wheel	368112	170

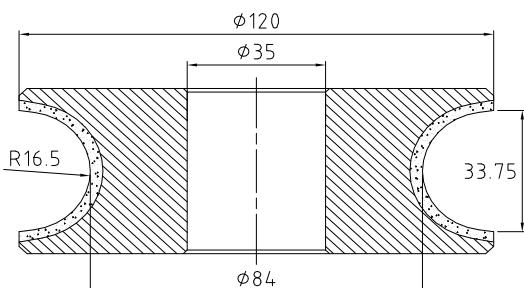
2.569

Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



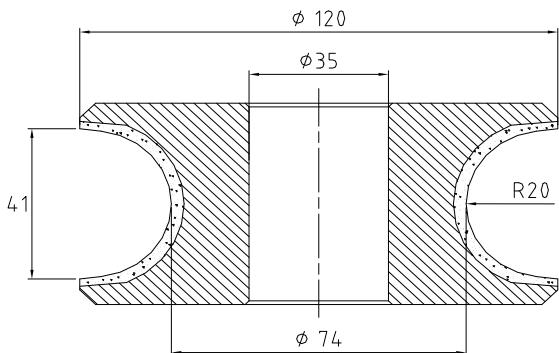
Profile V - 33



Ø 120mm

	Description	Sysnr	Price
			EUR
0	Segmented profiling wheel	615628	541
1	Slotted profiling wheel	615635	520
2	Slotted profiling wheel	615629	520
3	Slotted profiling wheel	615630	520
4	WINNER polishing wheel	520007	192
5	WINNER polishing wheel	520008	192
6	WINNER polishing wheel	520009	192
			2.677

Profile V - 40

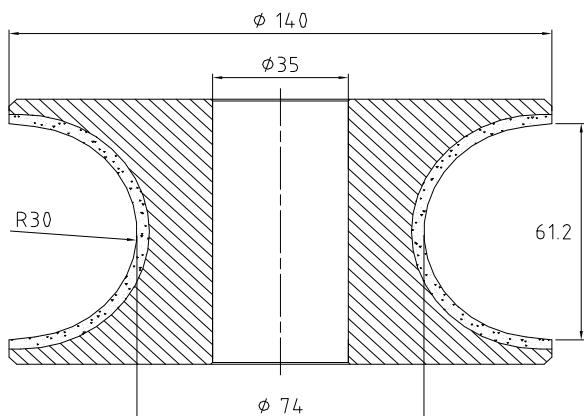


Ø 120mm



	Description	Sysnr	Price
			EUR
0	Segmented profiling wheel	34047095	582
1	Slotted profiling wheel	34415231	590
2	Slotted profiling wheel	34415232	590
3	Slotted profiling wheel	34415233	590
4	WINNER polishing wheel	368113	187
5	WINNER polishing wheel	368114	187
6	WINNER polishing wheel	368115	187
			2.913

Profile V - 60



Ø 140mm



	Description	Sysnr	Price
			EUR
0	Segmented profiling wheel	533529	811
1	Slotted profiling wheel	533530	770
2	Slotted profiling wheel	533533	770
3	Slotted profiling wheel	541306	770
4	WINNER polishing wheel	386964	291
5	WINNER polishing wheel	386966	291
6	WINNER polishing wheel	386967	291
			3.994

Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



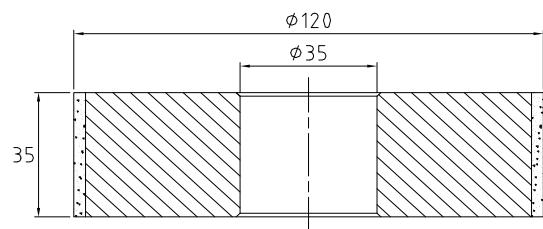
	Description	Sysnr	Price EUR
Profile X - 20			
Ø 80mm			
	0 Segmented profiling wheel	34198697	416
	1 Slotted profiling wheel	537263	406
	2 Slotted profiling wheel	537264	406
	3 Slotted profiling wheel	541308	406
	4 WINNER polishing wheel	374816	156
	5 WINNER polishing wheel	374817	156
	6 WINNER polishing wheel	374819	156
			2.102
Profile X - 30			
Ø 80mm			
BEST SELLER			
	0 Segmented profiling wheel	34198768	458
	1 Slotted profiling wheel	537266	447
	2 Slotted profiling wheel	537267	447
	3 Slotted profiling wheel	541310	447
	4 WINNER polishing wheel	395799	172
	5 WINNER polishing wheel	395800	172
	6 WINNER polishing wheel	395801	172
			2.315
Profile Z - 35			
Ø 80mm			
EPIC BEST SELLER			
	0 Segmented profiling wheel	668290	333
	1 Slotted profiling wheel	491742	405
	2 Slotted profiling wheel	491744	405
	3 Slotted profiling wheel	491747	405
	4 WINNER polishing wheel	368116	156
	5 WINNER polishing wheel	368117	156
	6 WINNER polishing wheel	368118	156
			2.016

Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



Profile Z - 35

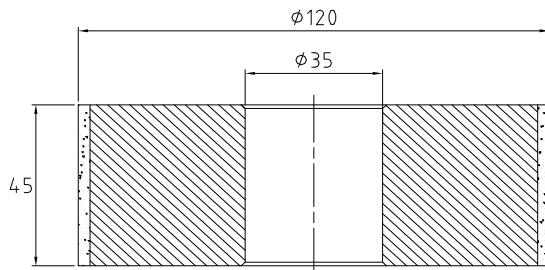


Ø 120mm

Description		Sysnr	Price EUR
Ø 120mm			
0	Segmented profiling wheel	537274	364
1	Slotted profiling wheel	537276	426
2	Slotted profiling wheel	537278	426
3	Slotted profiling wheel	541314	426
4	WINNER polishing wheel	368116	156
5	WINNER polishing wheel	368117	156
6	WINNER polishing wheel	368118	156
			2.110



Profile Z - 45

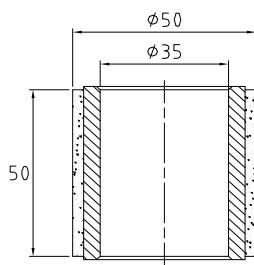


Ø 120mm



Description		Sysnr	Price EUR
Ø 120mm			
0	Segmented profiling wheel	537279	437
1	Slotted profiling wheel	537280	480
2	Slotted profiling wheel	537282	480
3	Slotted profiling wheel	541315	480
4	WINNER polishing wheel	368116	156
5	WINNER polishing wheel	368117	156
6	WINNER polishing wheel	368118	156
			2.345

Profile Z - 50



Ø 50mm



Description		Sysnr	Price EUR
Ø 50mm			
0	Segmented profiling wheel	537283	260
1	Slotted profiling wheel	537284	370
2	Slotted profiling wheel	537285	370
3	Slotted profiling wheel	541316	370
* 4	WINNER polishing wheel	368116	156
* 5	WINNER polishing wheel	368117	156
* 6	WINNER polishing wheel	368118	156
			1.838

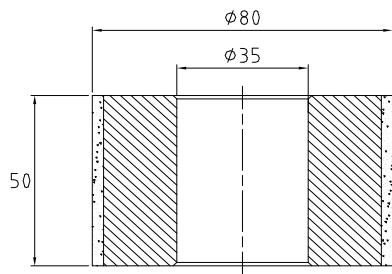
*minimum external Ø of WINNER = 60mm - larger than metal position

Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



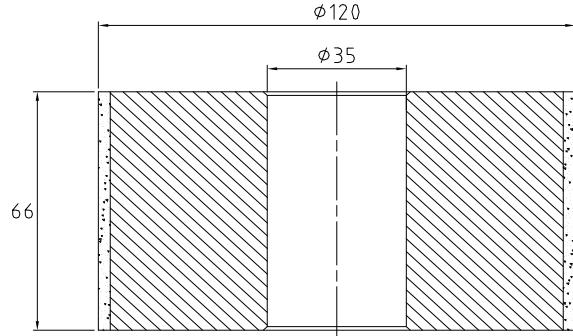
Profile Z - 50



Ø 80mm

Description		Sysnr	Price EUR
EPIC	BEST SELLER		
0 Segmented profiling wheel	768215	296	
1 Slotted profiling wheel	769175	504	
2 Slotted profiling wheel	769176	504	
3 Slotted profiling wheel	769177	504	
4 WINNER polishing wheel	368116	156	
5 WINNER polishing wheel	368117	156	
6 WINNER polishing wheel	368118	156	
		2.276	

Profile Z - 66



Ø 120mm

EPIC	BEST SELLER	
0 Segmented profiling wheel	537286	603
1 Slotted profiling wheel	537287	665
2 Slotted profiling wheel	537288	665
3 Slotted profiling wheel	541317	665
4 WINNER polishing wheel	492139	229
5 WINNER polishing wheel	492140	229
6 WINNER polishing wheel	492141	229
		3.285

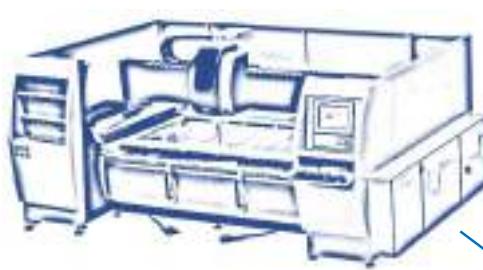
Available on request: electroplated wheels for marble and abrasive polishers

Guideline for using ceramic slabs on CNC machines



Carefully distribute the suction cups in order to support all the parts of the work piece, especially the most stressed ones. Make sure they are clean and working properly.

Try to avoid creating corners at 90 ° during processing, it is recommended to use radii in and out of the work area.



When removing a lot of material, try to work in more passes rather than in a single pass and, where possible, it is better to work with half tool rather than a full tool. When removing material from surface (grooving/drainboards) maintain a thickness of at least 5mm of material.

While working, there must be a constant and abundant stream of water directed to the front and sides of the blade, as close as possible to the working area.

Application	Guideline for using ceramic slabs on CNC machines
Shaft milling cutters	Avoid sharp edges when entering material, when possible work with half tool. Try to position the tool so that the slab is as close to the attachment as possible.
Roughing wheels	When removing a lot of material, try to work in more passes rather than in a single pass. Try to position the tool so that the slab is as close to the attachment as possible.
Mitre system	When removing a lot of material, try to work in more passes rather than in a single pass.
Profiling wheels	Make an accurate setting (centering - coupling) of the tools to ensure an optimal finish.
Core drills	Proceed in 5 mm steps, leaving a few seconds pause between one step and the next, reduce the speed in and out of the material
Stubbing wheels & Small radius tool for flash fitting top and incremental cutting	Avoid sharp edges when entering material, when possible work with half tool. Try to position the tool so that the slab is as close to the attachment as possible.

Position	Type	Feed rate	Stock removal	Spindle speed
1	Slotted profiling wheel	1 m/min - 2,5 m/mi	0,5 mm	5000-6000 rpm
2	Slotted profiling wheel	1 m/min - 2,5 m/mi	0,3 mm	5000-6000 rpm
3	Slotted profiling wheel	1 m/min - 2,5 m/mi	0,1 mm	5000-6000 rpm
5	Abrasive polishing wheel	0,8 m/min - 1,5 m/r	Dynamic compensation	2500 rpm
6	Abrasive polishing wheel	0,8 m/min - 1,5 m/r	Dynamic compensation	2500 rpm

Profiling wheels for TECHNICAL CERAMICS



Description	Sysnr	Price EUR
Profile A - 12 r5		
	Ø 100mm Bore 35mm	CERAM
	1 Segmented profiling wheel	34442505
	2 Segmented profiling wheel	34442507
	3 Segmented profiling wheel	34442509
	5 Abrasive polishing wheel	34439378
	6 Abrasive polishing wheel	34439379
		1.432
Profile B - 12 r13		
	Ø 120mm Bore 35mm	CERAM
	1 Slotted profiling wheel	34371958
	2 Slotted profiling wheel	34371960
	3 Slotted profiling wheel	34371971
	5 Abrasive polishing wheel	t.b.c.
	6 Abrasive polishing wheel	155
		1.510
Profile B - 20 r20		
	Ø 120mm Bore 22mm	CERAM
	1 Slotted profiling wheel	34377491
	2 Slotted profiling wheel	34377492
	3 Slotted profiling wheel	34377500
	5 Abrasive polishing wheel	34377533
	6 Abrasive polishing wheel	161
		1.627
Profile D - 12 incl.50°		
	Ø 100mm Bore 22mm	CERAM
	1 Slotted profiling wheel	34484448
	2 Slotted profiling wheel	34484449
	3 Slotted profiling wheel	34484450
	5 Abrasive polishing wheel	34311403
	6 Abrasive polishing wheel	155
		1.780

Different machine attachments or diameters available on request

Profiling wheels for TECHNICAL CERAMICS



	Description	Sysnr	Price EUR
Profile D - 20 incl.40°	Ø 120mm Bore 22mm	CERAM	
	1 Slotted profiling wheel t.b.c.	540	
	2 Slotted profiling wheel t.b.c.	540	
	3 Slotted profiling wheel t.b.c.	540	
	5 Abrasive polishing wheel t.b.c.	200	
	6 Abrasive polishing wheel 34420568	200	
			2.020
Profile E - 20	Ø 120mm Bore 22mm	CERAM	
	1 Slotted profiling wheel t.b.c.	468	
	2 Slotted profiling wheel t.b.c.	468	
	3 Slotted profiling wheel t.b.c.	468	
	5 Abrasive polishing wheel t.b.c.	161	
	6 Abrasive polishing wheel 34426094	161	
			1.726
Profile E - 30	Ø 120mm Bore 22mm	CERAM	
	1 Slotted profiling wheel t.b.c.	478	
	2 Slotted profiling wheel t.b.c.	478	
	3 Slotted profiling wheel t.b.c.	478	
	5 Abrasive polishing wheel t.b.c.	187	
	6 Abrasive polishing wheel 34426089	187	
			1.808
Profile PE - 12 r9,6	Ø 100mm Bore 22mm	CERAM	
	1 Slotted profiling wheel 34357514	350	
	2 Slotted profiling wheel 34357515	350	
	3 Slotted profiling wheel 34357516	350	
	5 Abrasive polishing wheel 34357431	125	
	6 Abrasive polishing wheel 34357432	125	
			1.300

Different machine attachments or diameters available on request

Profiling wheels for TECHNICAL CERAMICS



	Description	Sysnr	Price EUR
Profile T - 12 r2,5	Ø 100mm Bore 22mm	CERAM	
	1 Slotted profiling wheel 34392197	350	
	2 Slotted profiling wheel 34392198	350	
	3 Slotted profiling wheel 34392199	350	
	5 Abrasive polishing wheel 34357401	125	
	6 Abrasive polishing wheel 34357402	125	
			1.300
Profile T - 20 r3	Ø 65mm Bore 35mm	CERAM	
	1 Slotted profiling wheel 34409077	415	
	2 Slotted profiling wheel 34409079	415	
	3 Slotted profiling wheel 34409080	415	
	5 Abrasive polishing wheel t.b.c.	156	
	6 Abrasive polishing wheel t.b.c.	156	
			1.557
Profile V - 12	Ø 120mm Bore 22mm	CERAM	
	1 Slotted profiling wheel 34473611	430	
	2 Slotted profiling wheel t.b.c.	430	
	3 Slotted profiling wheel t.b.c.	430	
	5 Abrasive polishing wheel t.b.c.	195	
	6 Abrasive polishing wheel 34414925	195	
			1.680
Profile V - 20	Ø 120mm Bore 35mm	CERAM	
	1 Slotted profiling wheel 34434323	437	
	2 Slotted profiling wheel 34434324	437	
	3 Slotted profiling wheel 34434325	437	
	5 Abrasive polishing wheel 34044880	156	
	6 Abrasive polishing wheel 34044891	156	
			1.623

Different machine attachments or diameters available on request

Profiling wheels for TECHNICAL CERAMICS

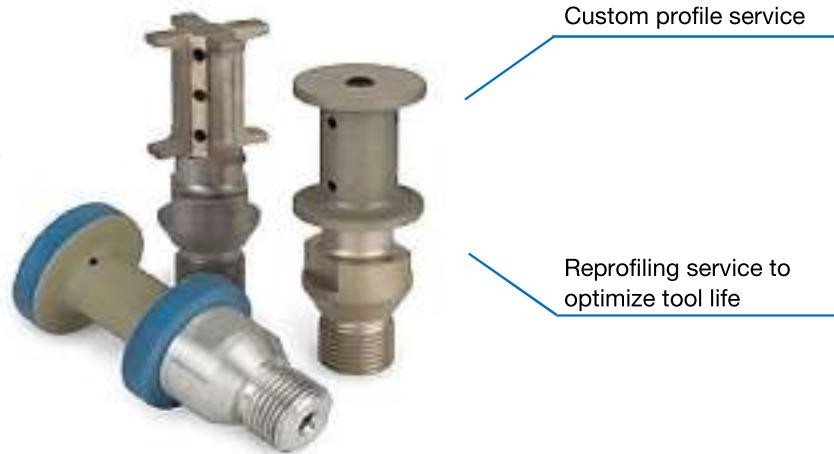


	Description	Sysnr	Price
			EUR
Profile X - 12	Ø 100mm Bore 22mm	CERAM	
	1 Slotted profiling wheel	34357026	350
	2 Slotted profiling wheel	34357027	350
	3 Slotted profiling wheel	34357028	350
	5 Abrasive polishing wheel	34357030	115
	6 Abrasive polishing wheel	34357041	115
			1.280
Profile XS - 20	Ø 70mm Bore 22mm	CERAM	
	1 Slotted profiling wheel	34408298	406
	2 Slotted profiling wheel	34408300	406
	3 Slotted profiling wheel	34408381	406
	5 Abrasive polishing wheel	34408113	145
	6 Abrasive polishing wheel	34408114	145
			1.508
Profile Z - 12	Ø 100mm Bore 22mm	CERAM	
	1 Slotted profiling wheel	34356762	280
	2 Slotted profiling wheel	34356765	280
	3 Slotted profiling wheel	34356771	280
	5 Abrasive polishing wheel	34356801	110
	6 Abrasive polishing wheel	34356802	110
			1.060
Profile Z - 20 & 30	Ø 80mm Bore 35mm	CERAM	
	1 Slotted profiling wheel	34041412	405
	2 Slotted profiling wheel	34041414	405
	3 Slotted profiling wheel	34041415	405
	5 Abrasive polishing wheel	34469846	156
	6 Abrasive polishing wheel	34469847	156
			1.215

Different machine attachments or diameters available on request

Application guide for CNC profiling tools (1/2" G fitting)

The small diameter profiling wheels get the best possible finish in tight corners.



Position	Type	Feed rate	Stock removal	Spindle speed
0	Segmented profiling wheel	up to 1000 mm/min	up to 0,25 mm	6000 rpm
1	Segmented profiling wheel	up to 1000 mm/min	up to 0,20 mm	6000 rpm
2	Electroplated profiling wheel	up to 1000 mm/min	up to 0,15 mm	6000 rpm
3	Electroplated profiling wheel	up to 1000 mm/min	up to 0,10 mm	6000 rpm
4	WINNER polishing wheel	up to 1000 mm/min	zero	3500 rpm
5	WINNER polishing wheel	up to 1000 mm/min	zero	3500 rpm
6	WINNER polishing wheel	up to 1000 mm/min	zero	3500 rpm



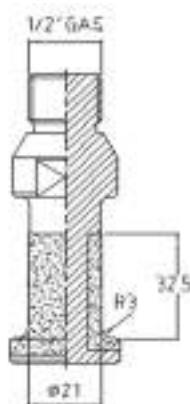
Position	Type	Feed rate	Stock removal	Spindle speed
1	Slotted profiling wheel	0,8m/min - 1,5m/min	0,5 mm	8000 rpm
2	Slotted profiling wheel	0,8m/min - 1,5m/min	0,3 mm	8000 rpm
3	Slotted profiling wheel	0,8m/min - 1,5m/min	0,1 mm	8000 rpm
5	Abrasive polishing wheel	0,5m/min - 1,5m/min	Dynamic comp.	3500 rpm
6	Abrasive polishing wheel	0,5m/min - 1,5m/min	Dynamic comp.	3500 rpm

Small profiling wheels - 1/2"G fitting for GRANITE and ENGINEERED STONE



Description	Sysnr	Price
		EUR

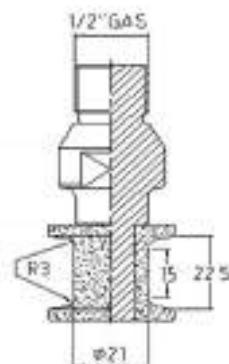
Profile A - 30 r3



0	Segmented profiling wheel	491378	192
1	Segmented profiling wheel	491381	192
2	Electroplated profiling wheel	699402	182
3	Electroplated profiling wheel	699403	182
4	WINNER polishing wheel	491386	161
5	WINNER polishing wheel	491390	161
6	WINNER polishing wheel	491392	161

1.231

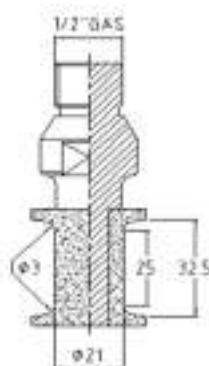
Profile T - 20 r3



0	Segmented profiling wheel	34216463	182
1	Segmented profiling wheel	34216464	182
2	Electroplated profiling wheel	34215670	175
3	Electroplated profiling wheel	34215702	175
4	WINNER polishing wheel	34215708	161
5	WINNER polishing wheel	34215709	161
6	WINNER polishing wheel	34215710	161

1.197

Profile T - 30 r3



0	Segmented profiling wheel	491395	192
1	Segmented profiling wheel	491397	192
2	Electroplated profiling wheel	720310	182
3	Electroplated profiling wheel	720311	182
4	WINNER polishing wheel	34425083	161
5	WINNER polishing wheel	34425084	161
6	WINNER polishing wheel	34425085	161

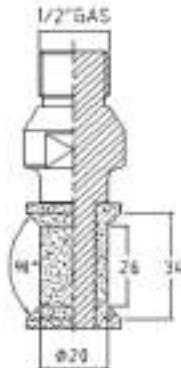
1.231

Small profiling wheels - 1/2"G fitting for GRANITE and ENGINEERED STONE



Description	Sysnr	Price
		EUR

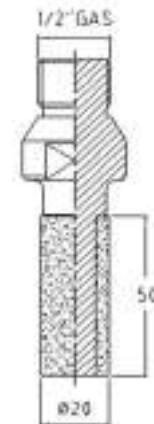
Profile X - 30



0	Segmented profiling wheel	482621	193
1	Segmented profiling wheel	482623	193
2	Electroplated profiling wheel	34034567	182
3	Electroplated profiling wheel	34034438	182
4	WINNER polishing wheel	482625	172
5	WINNER polishing wheel	482626	172
6	WINNER polishing wheel	482627	172
			1.266

BEST
SELLER

Profile Z - 50

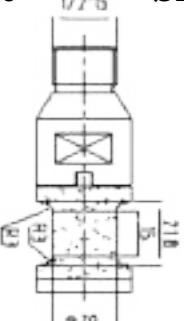
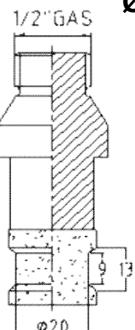
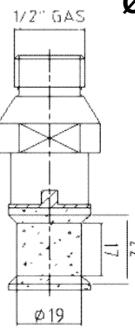
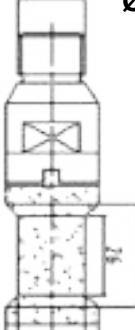


0	Segmented profiling wheel	491422	192
1	Segmented profiling wheel	491423	192
2	Electroplated profiling wheel	34008564	182
3	Electroplated profiling wheel	34008563	182
4	WINNER polishing wheel	491425	161
5	WINNER polishing wheel	491427	161
6	WINNER polishing wheel	491429	161
			1.231

BEST
SELLER

Small profiling wheels - 1/2"G fitting for TECHNICAL CERAMICS



	minimum external Ø	Description	Sysnr	Price EUR
Profile T - 20 r3	 Ø20mm	1/2"G fitting		
			1 Profiling router 34445611	210
			2 Profiling router 34445616	210
			3 Profiling router 34445617	210
			5 Abrasive polishing wheel 34446153	161
			6 Abrasive polishing wheel 34446154	161
				1.113
Profile X - 12	 Ø20mm	1/2"G fitting		
			1 Profiling router 34396510	180
			2 Profiling router 34396511	180
			3 Profiling router 34396513	180
			5 Abrasive polishing wheel 34398481	130
			6 Abrasive polishing wheel 34398482	130
				800
Profile X - 20	 Ø20mm	1/2"G fitting		
			1 Profiling router 34398223	200
			2 Profiling router 34398224	200
			3 Profiling router 34398225	200
			5 Abrasive polishing wheel 34425346	150
			6 Abrasive polishing wheel 34425347	150
				900
Profile X - 30	 Ø20mm	1/2"G fitting		
			1 Profiling router 34434408	235
			2 Profiling router 34434410	235
			3 Profiling router 34434421	235
			5 Abrasive polishing wheel t.b.c.	161
			6 Abrasive polishing wheel t.b.c.	161
				1.027





Other CNC Tools

Shaft milling cutters

	\varnothing	diamond length	Fitting	Grit	Spindle speed	Feed rate	Sysnr	Price
	EUR							
	SILVER	20mm	45mm	1/2"G	5.500-6.000 rpm	250-300 mm/min	34205050	83
	Universal	23mm	50mm	1/2"G	5.000-5.500 rpm	200-300 mm/min	34209994	83
	YELLOW	23mm	50mm	1/2"G	5.000-5.500 rpm	400-450 mm/min	34019617	83
	High speed							
	WHITE	23mm	50mm	1/2"G	5.000-5.500 rpm	200-300 mm/min	34205520	83
	Long life							
	RED	23mm	35mm	1/2"G	5.000-5.500 rpm	200-300 mm/min	34205136	83
	Soft granite	23mm	50mm	1/2"G	5.000-5.500 rpm	200-300 mm/min	34209998	83
		23mm	50mm	Wenzler	5.000-5.500 rpm	200-300 mm/min	886413	83
		23mm	70mm	1/2"G	5.000-5.500 rpm	200-300 mm/min	886058	161
		23mm	85mm	1/2"G	5.000-5.500 rpm	200-300 mm/min	362903	203
	BLUE	23mm	35mm	1/2"G	5.500-6.000 rpm	250-300 mm/min	34205138	83
	Hard granite	23mm	50mm	1/2"G	5.000-5.500 rpm	200-300 mm/min	34210001	83
	GOLD	23mm	35mm	1/2"G	5.500-6.000 rpm	250-300 mm/min	34205137	83
	Engineered stone	23mm	50mm	1/2"G	5.000-5.500 rpm	200-300 mm/min	34209996	83

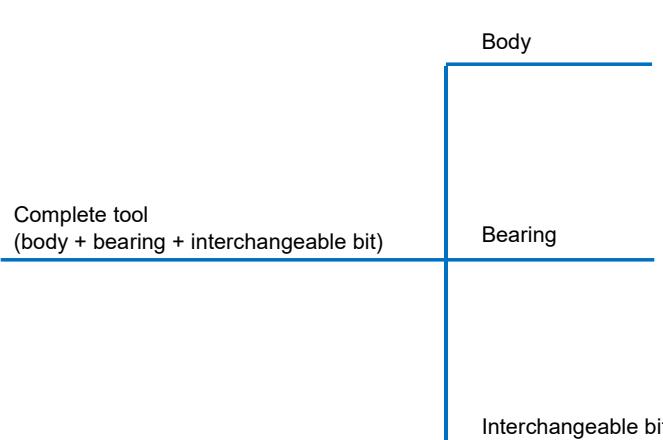
Shaft milling cutters

	Ø	diamond length	Fitting	Grit	Spindle speed	Feed rate	Sysnr	Price	
	EUR								
	ELECTRO-PLATED	16mm	45mm	1/2"G	D602	5.500-6.000 rpm	250-400 mm/min	462133	114
	Marble	22mm	45mm	1/2"G	D602	5.000-5.500 rpm	250-400 mm/min	288043	120
		22mm	65mm	1/2"G	D602	5.000-5.500 rpm	250-400 mm/min	34159508	187
	CUTTING & DRILLING With reinforced base segment	23mm	35mm	1/2"G		5.000-5.500 rpm	200-300 mm/min	400038	109
		23mm	50mm	1/2"G		5.000-5.500 rpm	200-300 mm/min	34210126	115
		23mm	65mm	1/2"G		5.000-5.500 rpm	150-250 mm/min	34222148	170
		23mm	85mm	1/2"G		5.000-5.500 rpm	150-250 mm/min	365852	213
	CERAM Ceramic slabs & Dekton	23mm	25mm	1/2"G	Z3BCU	4.800-5.500 rpm	250-300 mm/min*	34214438	95
		23mm	50mm	1/2"G	Z3BCU	4.800-5.500 rpm	250-300 mm/min*	34012448	105
		16mm	25mm	1/2"G	Ceram5	5.500-6.500 rpm	200-300 mm/min*	34340628	90

* 40% reduction of the speed rate is always suggested when entering and exiting the material.

Electroplated seaming wheels

	Ø	diamond length	Fitting	Grit	Spindle speed	Feed rate	Sysnr	Price	
	EUR								
	25mm	50mm	1/2"G	D602	POS. 1			34012946	144
		25mm	50mm	1/2"G	D302	POS. 2		34012949	144
	50mm	50mm	1/2"G	D427	POS. 1			34008584	150
		50mm	50mm	1/2"G	D107	POS. 2		34008585	150



Multiple pass milling cutters

	diamond length	Fitting	Spindle speed	Feed rate	Sysnr	Price
	EUR					
Complete tool (body + bearing + interchangeable bit)	for granite	20X20mm	1/2"G	4.000-4.500 rpm	100-300 mm/min*	462030 105
	for marble	20X20mm	1/2"G	4.000-4.500 rpm	100-300 mm/min*	34012129 105

* 40% reduction of the speed rate is always suggested when entering and exiting the material.

	diamond length	Fitting	Sysnr	Price
	EUR			
Replacement bit for granite	20X20mm	M12	34012130	31
Replacement bit for marble	20X20mm	M12	34012141	31

Bearing Prolonged - Ø19 mm x 44,5mm 462036 22

	Body	46mm	1/2"G	462035	60
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	Prolonged body (no bearing)	118mm	1/2"G	459422	280
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Core drills



Segmented core drills for NATURAL and ENGINEERED STONE

Other dimensions available on request

Ø (External)	Segment thickness	Working length	Fitting	Spindle speed	Feed rate	Sysnr	Price
35mm	2,2mm	55mm	1/2"G	3.000 rpm	40 mm/min	34159719	45



Core drills with THIN WALL for NATURAL and ENGINEERED STONE

Other dimensions available on request

Ø (External)	Segment thickness	Working length	Fitting	Spindle speed	Feed rate	Sysnr	Price
6mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	34290211	40
8mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	34289615	42
10mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	535643	42
11mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	486211	43
12mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	486212	44
14mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	486213	48
15mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	535644	48
16mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	512866	49
20mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	486214	55
21mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	34184687	58
22mm	1mm	55mm	1/2"G	2.500 rpm	27-35 mm/min	512868	58
23mm	1mm	55mm	1/2"G	2.500 rpm	27-35 mm/min	535647	62
25mm	1mm	55mm	1/2"G	2.500 rpm	27-35 mm/min	462441	66
27mm	1mm	55mm	1/2"G	2.500 rpm	27-35 mm/min	535648	69
28mm	1mm	55mm	1/2"G	2.500 rpm	27-35 mm/min	535649	69
30mm	1mm	55mm	1/2"G	2.000 rpm	27-35 mm/min	462443	74
32mm	1mm	55mm	1/2"G	2.000 rpm	27-35 mm/min	462444	76
35mm	1mm	55mm	1/2"G	2.000 rpm	27-35 mm/min	462445	82
36mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	497946	83
37mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	497948	87
38mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	462446	88
40mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	462448	94
45mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	512873	100
50mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	641923	108
51mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	34011881	112
54mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	34010351	118
60mm	1mm	55mm	1/2"G	800 rpm	25-30 mm/min	512875	135
62mm	1mm	55mm	1/2"G	800 rpm	25-30 mm/min	34322689	140
68mm	1mm	55mm	1/2"G	800 rpm	25-30 mm/min	535863	156
80mm	1mm	55mm	1/2"G	800 rpm	25-30 mm/min	34261970	180
82mm	1mm	55mm	1/2"G	800 rpm	25-30 mm/min	34322690	180
100mm	1mm	55mm	1/2"G	800 rpm	25-30 mm/min	34185025	222



Electroplated core drills for MARBLE and LIMESTONES

Other dimensions available on request

Ø (External)	Grit	Working length	Fitting	Spindle speed	Feed rate	Sysnr	Price
							EUR
25mm	D602	100mm	1/2"G	3.000 rpm	25-30 mm/min	34011968	100
30mm	D602	100mm	1/2"G	2.000 rpm	27-35 mm/min	34011969	110
35mm	D602	100mm	1/2"G	2.000 rpm	27-35 mm/min	479553	120
60mm	D602	100mm	1/2"G	800 rpm	25-30 mm/min	682242	165



Core drills for TECHNICAL CERAMIC SLABS

Other dimensions available on request



Ø (External)	Segment thickness	Working length	Fitting	Spindle speed	Feed rate	Sysnr	Price
							EUR
10mm	1mm	50mm	1/2"G	3.000 rpm	25-30 mm/min	34336069	68
18mm	1mm	50mm	1/2"G	3.000 rpm	25-30 mm/min	34299716	80
20mm	1mm	50mm	1/2"G	3.000 rpm	25-30 mm/min	34311230	80
22mm	1mm	50mm	1/2"G	2.500 rpm	27-35 mm/min	34180357	85
30mm	1mm	50mm	1/2"G	2.000 rpm	27-35 mm/min	34279478	95
32mm	1mm	50mm	1/2"G	2.000 rpm	27-35 mm/min	34180358	98
35mm	1mm	50mm	1/2"G	2.000 rpm	27-35 mm/min	34339989	98
60mm	1mm	50mm	1/2"G	800 rpm	25-30 mm/min	34327355	162
65mm	1mm	50mm	1/2"G	800 rpm	25-30 mm/min	34327356	179
68mm	1mm	50mm	1/2"G	800 rpm	25-30 mm/min	34311281	179

Blind hole drills



**Blind core drills for NATURAL and
ENGINEERED STONE**

Other dimensions available on request

Ø (External)	Working length	Fitting	Spindle speed	Feed rate	Sysnr	Price
					EUR	
5mm	55mm	1/2"G	6.200 rpm	15 mm/min	631794	38
6mm	55mm	1/2"G	6.200 rpm	15 mm/min	403074	40
7mm	55mm	1/2"G	5.800 rpm	20 mm/min	34005890	41
8mm	55mm	1/2"G	5.800 rpm	20 mm/min	403075	41
10mm	55mm	1/2"G	5.800 rpm	20 mm/min	526865	46
11mm	55mm	1/2"G	5.500 rpm	15 mm/min	486210	51
12mm	55mm	1/2"G	5.500 rpm	15 mm/min	34013420	51
14mm	55mm	1/2"G	5.500 rpm	15 mm/min	484102	61
5mm	55mm	10 mm diameter shaft	6.200 rpm	15 mm/min	557355	22
6mm	55mm	10 mm diameter shaft	6.200 rpm	15 mm/min	34013421	24
7mm	55mm	10 mm diameter shaft	5.800 rpm	20 mm/min	34013422	25
8mm	55mm	10 mm diameter shaft	5.800 rpm	20 mm/min	487268	26
10mm	55mm	10 mm diameter shaft	5.800 rpm	20 mm/min	526863	33
11mm	55mm	10 mm diameter shaft	5.500 rpm	15 mm/min	493583	34
12mm	55mm	10 mm diameter shaft	5.500 rpm	15 mm/min	526864	41
14mm	55mm	10 mm diameter shaft	5.500 rpm	15 mm/min	522720	49

High speed Calibrating / Stubbing wheels



Easy turn over: Brass body does not rust and allows wheel to be turned over easily. Versions complete with 1/2" Gas attachments have fitting and screws in high grade stainless steel.

Improved Productivity:
Specifically designed bond
means high feed speeds

Diameter	Height	Fitting	Spindle speed	Feed rate	Stock removal	Sysnr	Price	
EUR								
	Ø 50mm	Stubbing wheels for GRANITE and ENGINEERED STONE						
50mm	30mm	Bore: 14mm (3 + 3 holes)	6.000 rpm	400 mm/min	1-3 mm			
			Complete tool			34363399	180	
			Diamond wheel only			34363397	140	
			Only 1/2"G fitting with screws			34391409	50	
	Ø 90mm	Stubbing wheels for GRANITE and ENGINEERED STONE						
90mm	30mm	Bore: 50mm (3 + 3 holes)	5.000 rpm	400 mm/min	1-3 mm			
			Complete tool			34378604	240	
			Diamond wheel only			34357681	190	
			Only 1/2"G fitting with screws			81014975	60	
	Ø 90mm	Stubbing wheels for GRANITE and ENGINEERED STONE						
BEST SELLER								
			<u>Very long life: Class leading 10mm thick diamond band means optimum life.</u>					
90mm	30mm	Bore: 20mm (4 + 4 holes)	5.000 rpm	400 mm/min	1-3 mm			
			Complete tool			34058413	260	
			Diamond wheel only			34052986	210	
			Only 1/2"G fitting with screws			81014977	60	
	Ø 100mm	Stubbing wheels for GRANITE and ENGINEERED STONE						
			<u>Very long life: Class leading 10mm thick diamond band means optimum life.</u>					
100mm	30mm	Bore: 50mm (3 + 3 holes)	5.000 rpm	400 mm/min	2-4 mm			
			Complete tool			34228532	295	
			Diamond wheel only			34228531	245	
			Only 1/2"G fitting with screws			81014975	60	

Diameter	Height	Fitting	Spindle speed	Feed rate	Tiles automatic	Sysnr	Price
			Ø 90mm	Stubbing wheels for MARBLE and CALCAREOUS AGGLOMERATE			
90mm	30mm	Bore: 50mm (3 + 3 holes)	5.000 rpm	400 mm/min	1-3 mm		
			Complete tool			-	260
			Diamond wheel only			34357680	210
			Only 1/2"G fitting with screws			81014975	60
			Ø 50mm	Stubbing wheels for TECHNICAL CERAMICS and DEKTON			
50mm	30mm	Bore: 14mm (3 + 3 holes)	6.000 rpm	400 mm/min	1-3 mm		
			Complete tool			34398390	180
			Diamond wheel only			34376163	140
			Only 1/2"G fitting with screws			34391409	50

Calibrating / Stubbing wheels for GRANITE and ENGINEERED STONE

Diameter	Segment height	Fitting	Spindle speed	Feed rate	Stock removal	Sysnr	Price
							EUR
							
Ø 50mm							
50mm	25mm	2 holes	5.000-6.000 rpm	100-200 mm/min	1-3 mm		
			Complete tool			897213	223
			Diamond wheel only			242579	192
			Only 1/2"G fitting with screws			81014977	60
							
Ø 80mm							
80mm	20mm	Bore: 20mm 4 + 4 holes	4.000-5.000 rpm	150-300 mm/min	2-4 mm		
			Complete tool - 1/2" G fitting			479554	243
			Complete tool - 35mm bore fitting			762197	243
			Diamond wheel only			762199	199
			Only 1/2"G fitting with screws			81014978	62
			35mm bore fitting , only			301418	62
							
Ø 85mm							
85mm	20mm	Bore: 50mm 3 + 3 holes	4.000-5.000 rpm	150-300 mm/min	2-4 mm		
			Complete tool			34011965	243
			Diamond wheel only			67966	199
			Only 1/2"G fitting with screws			81014979	62
							
Ø 100mm							
100mm	20mm	Bore: 20mm 4 + 4 holes	4.000-5.000 rpm	200-400 mm/min	2-4 mm		
			Complete tool			564862	327
			Diamond wheel only			34011941	291
			Only 1/2"G fitting with screws			81014978	62
							
Ø 20mm - Ø 30mm - Ø 35mm							
20mm	10mm	1/2"G	4.000-5.000 rpm	200-400 mm/min	1-3 mm	534995	125
30mm	18mm	1/2"G	4.000-5.000 rpm	200-400 mm/min	1-3 mm	638058	130
35mm	18mm	1/2"G	4.000-5.000 rpm	200-400 mm/min	1-3 mm	34013269	135

Calibrating / Stubbing wheels for MARBLE and LIMESTONES

Diameter	Segment height	Fitting	Spindle speed	Feed rate	Stock removal	Sysnr	Price
EUR							
			Ø 80mm				
80mm	25mm	Bore: 20mm 4 + 4 holes	5.000-6.000 rpm	100-200 mm/min	1-3 mm		
			Complete tool			462189	280
			Diamond wheel only			462190	220
			Only 1/2"G fitting with screws			81014978	62
			Ø 85mm				
85mm	20mm	Bore: 50mm 3 + 3 holes	4.000-5.000 rpm	400-600 mm/min	3-5 mm		
			Complete tool			462191	270
			Diamond wheel only			462192	208
			Only 1/2"G fitting with screws			81014979	62

Stubbing wheels for TECHNICAL CERAMICS



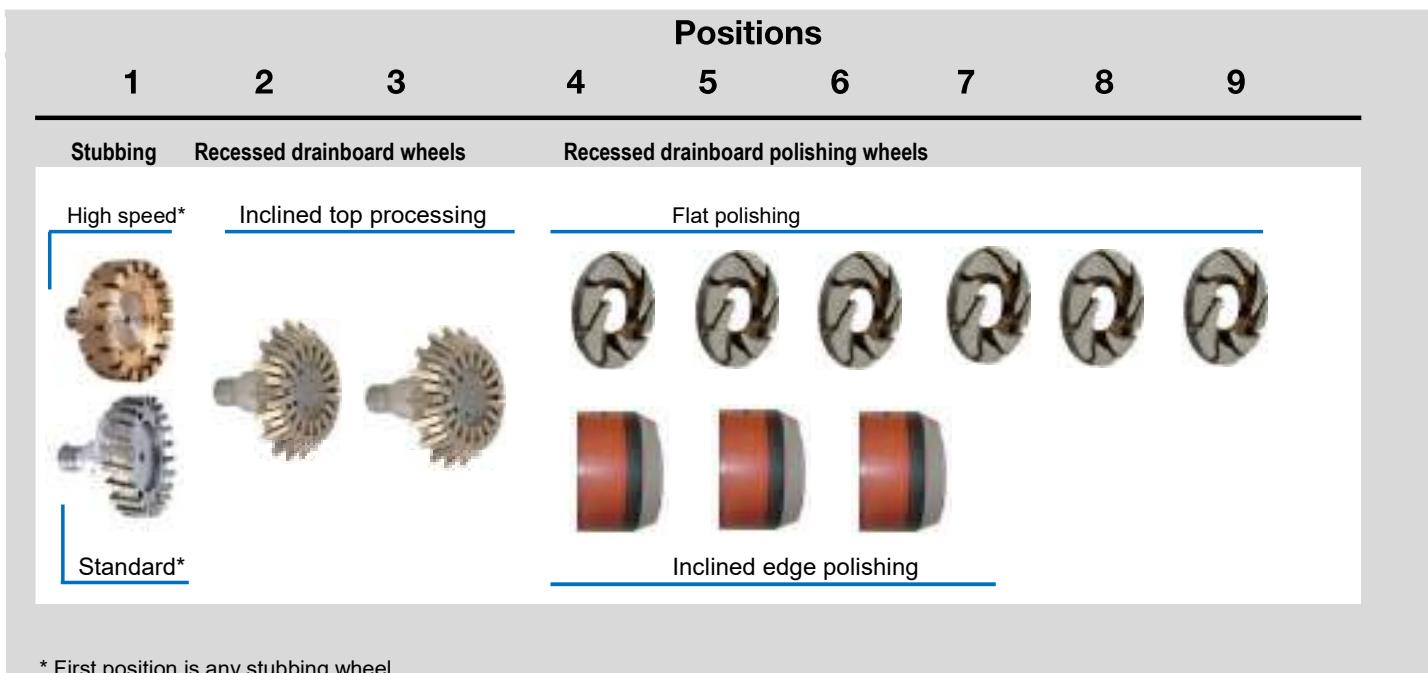
Ø 12,5mm

Small radius tool for flash fitting top and incremental cutting

CERAM

Diameter	Working length	Fitting	Spindle speed	Feed rate	Stock removal	Sysnr	Price
EUR							
12,5mm	12mm	1/2"G	4.500 rpm	150-300 mm/min	0,5 mm	34408605	75,-
12,5mm	20mm	1/2"G	4.500 rpm	150-300 mm/min	0,5 mm	34476406	80,-

Recessed drainboard wheels for GRANITE and ENGINEERED STONE 45° inclination



* First position is any stubbing wheel

Recessed drainboard wheels

Diameter	Grit	Fitting	Spindle speed	Feed rate	Stock removal	Sysnr	Price
EUR							
100mm	Medium	1/2"G	3.800-4.500 rpm	200-400 mm/min	0,3-0,4 mm	189952	333
100mm	Fine	1/2"G	3.800-4.500 rpm	200-400 mm/min	0,2 mm	189954	333

Recessed drainboard polishing wheels

Diameter	Grit	Spindle speed	Feed rate	Sysnr	Sysnr	Price
				Snail fitting	Magnetic fitting	EUR
Flat polishing						
100mm	50	1.200 rpm	4.000 mm/min			34012971 166
100mm	100	1.200 rpm	4.000 mm/min			34012972 166
100mm	200	1.200 rpm	4.000 mm/min	34393728	34012905	166
100mm	500	1.200 rpm	4.000 mm/min	34393729	34012906	166
100mm	1000	1.200 rpm	4.000 mm/min	34393730	34012907	166
100mm	2000	1.200 rpm	4.000 mm/min	34039243	34012908	166
100mm	3000	1.200 rpm	4.000 mm/min	34393751	34012909	166
100mm	dark buff	1.000-1.200 rpm	3.500 mm/min	475638	394184	166
45° inclination						
100mm	500	1.000-1.200 rpm	3.500 mm/min			400033 220
100mm	1000	1.000-1.200 rpm	3.500 mm/min			400035 220
100mm	2000	1.000-1.200 rpm	3.500 mm/min			400036 220

Drainboard grooving routers and wheels for GRANITE and ENGINEERED STONE



Single pass grooving routers

Position	Diameter	Radius	Length	Fitting	Grit	Spindle speed	Feed rate	Sysnr	Price
								EUR	
1	5 mm	2,5 mm	15 mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	34338467	140
1	6 mm	3 mm	15 mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	364670	140
1	10 mm	5 mm	10 mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	298086	135
1	12 mm	6 mm	20 mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	762562	146
1	15 mm	7,5 mm	20 mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	298087	156
1	20 mm	10 mm	20 mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	298088	162



Multiple pass grooving router sets

Set of wheels for 12mm

Position	Diameter	Radius	Length	Fitting	Grit	Spindle speed	Feed rate	Sysnr	Price
								EUR	
1	10 mm	5 mm	20mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	298086	135
2	11 mm	5,5 mm	20mm	1/2" G	M12	4.000-6.000 rpm	200-500 mm/min	34041173	135
3	11,6 mm	5,8 mm	20mm	1/2" G	M19	4.000-6.000 rpm	200-500 mm/min	34041174	135
4	12 mm	6 mm	20mm	1/2" G	M20	4.000-6.000 rpm	200-500 mm/min	34041175	135

Set of wheels for 15mm

Position	Diameter	Radius	Length	Fitting	Grit	Spindle speed	Feed rate	Sysnr	Price
								EUR	
1	12mm	6mm	20mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	762562	146
2	14mm	7mm	20mm	1/2" G	M12	4.000-6.000 rpm	200-500 mm/min	762563	146
3	14,6mm	7,3mm	20mm	1/2" G	M19	4.000-6.000 rpm	200-500 mm/min	762564	146
4	15mm	7,5mm	20mm	1/2" G	M20	4.000-6.000 rpm	200-500 mm/min	762565	146

Set of wheels for 20mm

Position	Diameter	Radius	Length	Fitting	Grit	Spindle speed	Feed rate	Sysnr	Price
								EUR	
1	17mm	8,5mm	20mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	762566	156
2	19mm	9,5mm	20mm	1/2" G	M12	4.000-6.000 rpm	200-500 mm/min	762567	156
3	19,6mm	9,8mm	20mm	1/2" G	M19	4.000-6.000 rpm	200-500 mm/min	762568	156
4	20mm	10mm	20mm	1/2" G	M20	4.000-6.000 rpm	200-500 mm/min	762569	156

Drainboard grooving routers and wheels for GRANITE and ENGINEERED STONE



	Diameter	Radius	Bore	Grit	Spindle speed	Feed rate	Sysnr	Price EUR
Grooving wheel	140mm	5mm	30mm	Fine	2.500 rpm	500 mm/min	34228533	400
Abrasive polishing wheel	140mm	5mm	30mm	400	1.500 rpm	500 mm/min	34238113	125
Abrasive polishing wheel	140mm	5mm	30mm	1000	1.500 rpm	500 mm/min	34238115	125
Grooving wheel	150mm	5mm	30mm	Fine	2.500 rpm	500 mm/min	486176	420
Abrasive polishing wheel	150mm	5mm	30mm	400	1.500 rpm	500 mm/min	362752	130
Abrasive polishing wheel	150mm	5mm	30mm	1000	1.500 rpm	500 mm/min	491727	130
Grooving wheel	150mm	5mm	22mm	Fine	2.500 rpm	500 mm/min	34012064	420
Abrasive polishing wheel	180mm	5mm	22mm	400	1.500 rpm	500 mm/min	342092	130

Writing bits

	Fitting	Spindle speed	Feed rate	Sysnr	Price
--	---------	---------------	-----------	-------	-------

EUR



472215 472213 472216 472214 472217

Mushroom	Sintered bits	$\varnothing 15 \times 13$ mm R6	6mm	6.000 rpm	100-200 mm/min	472215	37
Cylinder	Sintered bits	$\varnothing 15 \times 13$ mm	6mm	6.000 rpm	100-200 mm/min	472213	48
Conical	Sintered bits	$\varnothing 15 - 13$ mm	6mm	6.000 rpm	100-200 mm/min	472216	32
Trapezoidal	Sintered bits	$\varnothing 15 \times 13$ mm	6mm	6.000 rpm	100-200 mm/min	472214	37
Cylinder	Sintered bits	$\varnothing 10 - 30$ mm	6mm	6.000 rpm	100-200 mm/min	472217	48



20 piece set (selection of shapes)

6mm 6.000 rpm 100-300 mm/min 34017793 **114**

Writing bits

	Fitting	Spindle speed	Feed rate	Sysnr	Price	
EUR						
						
Universal	Bas-relief bits - Universal	1/2"G	7.000 rpm	100 mm/min	437424	187
Widia	Bas-relief bits - Widia, radius= 5mm with water flow	1/2"G	7.000 rpm	100 mm/min	588405	125
	Bas-relief bits - Widia, radius= 3mm with water flow	1/2"G	7.000 rpm	100 mm/min	437428	125

Universal Widia

Widia - angle 60°	10mm	6.000 rpm	100 - 200 mm/min	650227	29
Widia - angle 90°	10mm	6.000 rpm	100 - 200 mm/min	569290	29
PCD - angle 60°	10mm	6.000 rpm	100 - 200 mm/min	361731	198
PCD - angle 90°	10mm	6.000 rpm	100 - 200 mm/min	285638	198

Adapters

	Sysnr
	
Basic with grub screw (D6mm - 1/2" G)	34008623
Basic with grub screw (D10mm - 1/2" G)	34008608
	
Professional with 6mm and 10mm collets	333774
	200

Abrasives sticks



		Grit	Sysnr	Price EUR
Wide stick	200X50X10	150	34217115	4,20
Thin stick	150X25X15	150	34217113	4,20
Thin stick	150X20X10	300	34217114	4,20

Adapters and fittings



531608



301421



377591



301422

	Sysnr	Price EUR
Bore reduction 35mm / 30mm	531608	60
Bore reduction 35mm / 22mm (Borelli)	301421	36
Adapter 1/2"G Thickness -20mm	377591	62
Adapter / Washer Thickness 5mm	301422	7



A close-up, low-angle shot of a man with a beard and short hair, wearing a dark blue button-down shirt. He is looking down at a task he is performing. The background is blurred, showing what appears to be the interior of a vehicle or a workshop.

Tools for Portable Machines

Wet and dry cutting saw blades for portable machines

NEW



Turbo with lateral supports



Electroplated blade



Continuous band



Continuous band DCT***

	Diameter	Fitting	Spec	Application	Sysnr	Price
						EUR
Turbo with lateral supports	115mm	Bore 22,2mm	DR	hard stone	34074590	14
Turbo with lateral supports	115mm	Flanged M14	DR	hard stone	34059103	23
Turbo with lateral supports	125mm	Bore 22,2mm	DR	hard stone	613026	18
Turbo with lateral supports	125mm	Flanged M14	DR	hard stone	628808	24
Turbo with lateral supports	150mm	Flanged M14	DR	hard stone	34007823	32
Turbo with lateral supports	230mm	Bore 22,2mm	DR	hard stone	628809	38
Turbo with lateral supports	230mm	Flanged 22,2mm	DR	hard stone	728517	44
Turbo with lateral supports	230mm	Flanged M14	DR	hard stone	34077361	44
Electroplated blade	125mm	Flanged M14	DREL	Marble	34012212	36
Electroplated blade	150mm	Flanged M14	DREL	Marble	34012224	46
Electroplated blade	180mm	Flanged M14	DREL	Marble	34012748	48
Electroplated blade	230mm	Flanged 22,2mm	DREL	Marble	34012223	63

CERAM

Continuous band	115mm	Bore 22,2mm	DR	Universal	34008577	26
Continuous band	125mm	Bore 22,2mm	DR	Universal	34363016	28
Continuous band	125mm	Flanged M14	DR	Universal	34364554	34
Continuous band	180mm	Bore 22,2mm	DCT***	Universal	639634	45
Continuous band	200mm	Bore 22,2mm	DCT***	Universal	676791	53
Continuous band	230mm	Bore 22,2mm	DCT***	Universal	639635	60

Wet and dry cutting saw blades PREMIUM

NEW



707365



34432164

	Diameter	Fitting	WxH	Application	Sysnr	Price
						EUR
C3W - TGD® technology	230mm	Bore 22,23mm	2,4x14	hard stone	707365	118
Electroplated DREL-FULL	125mm	Flanged M14	1,5x10	Universal	34432164	48
Electroplated DREL-FULL	150mm	Flanged M14	1,6x10	Universal	34444776	67
Electroplated DREL-FULL	230mm	Flanged M14	2,0x10	Universal	34445297	155

CERAM

Wet and dry grinding cups and polishing pads for portable machines



Grinding wheel - metal bond

	Diameter	Fitting	Grit	Sysnr	Price
					EUR
Turbo - wet and dry	100mm	Flanged M14	M78 Granite	551205	45



PREMIUM***
Grinding wheel - resin bond - Universal

CERAM

	Dimensions	Fitting	Spec	Grit	Pieces per box	Sysnr	Price
							EUR
11BT	110/90x55mm	22,23mm	1C16L4B2	16	2	310980	18
	110/90x55mm	22,23mm	1C24L4B2	24	2	318070	18
	110/90x55mm	22,23mm	1C60J4B2	60	2	314463	18
	110/90x55mm	22,23mm	1C120J4B0	120	2	317307	18
6ZB	110/45mm	M14	1C24L4B2	24	2	89383	18
	110/45mm	M14	1C60J4B2	60	2	83585	18
	110/45mm	M14	1C120J4B2	120	2	56895	18
	110/45mm	M14	1C220J4B0	220	2	553403	18
11ZB	110/90x55mm	M14	1C16L4B2	16	2	310992	22
	110/90x55mm	M14	1C24L4B2	24	2	310993	22
	110/90x55mm	M14	1C60J4B2	60	2	321211	22
	110/90x55mm	M14	1C120J4B0	120	2	320074	22
	110/90x55mm	M14	1C220J4B0	220	2	326214	22
	130/90x55mm	M14	1C16L4B2	16	2	310994	24
	130/90x55mm	M14	1C24L4B2	24	2	310995	24
	130/90x55mm	M14	1C60J4B2	60	2	320075	24
	130/90x55mm	M14	1C120J4B0	120	2	424846	24
	130/90x55mm	M14	1C220J4B0	220	2	336499	24

Wet and dry grinding cups and polishing pads for portable machines



PREMIUM*** - RONDELLER ®
Grinding wheel - Universal

CERAM

	Dimensions	Fitting	Spec	Grit	Pieces per box	Sysnr	Price
							EUR
29RON	115mm	22,23mm	C36S-BF	36	25	908233	3,20
	115mm	22,23mm	C60-BF	60	25	948218	3,20
	178mm	22,23mm	C36S-BF	36	25	908220	4,10
	178mm	22,23mm	C60S-BF	60	25	908221	4,10
	178mm	22,23mm	C100S-BF	100	25	908223	4,10
	178mm	22,23mm	C180S-BF	180	25	908224	4,10



ULTRA polishing pads - Universal



CERAM

	Dimensions	Fitting	Spec	Grit	Pieces per box	Sysnr	Price
							EUR
ULTRA DRY polishing	100x3mm	20mm	U.DRY	50	1	34130304	16
	100x3mm	20mm	U.DRY	100	1	34130310	16
	100x3mm	20mm	U.DRY	200	1	34136071	16
	100x3mm	20mm	U.DRY	400	1	34136072	16
	100x3mm	20mm	U.DRY	800	1	34136073	16
	100x3mm	20mm	U.DRY	1500	1	34136074	16
	100x3mm	20mm	U.DRY	3000	1	34136076	16
	100x3mm	20mm	U.DRY	BUFF	1	34136077	16
	100x3mm	20mm	U.DRY	1 SET - 8 PADS		34136078	112
ULTRA WET polishing	100x3mm	20mm	U.WET	50	1	34186853	12
	100x3mm	20mm	U.WET	100	1	34186855	12
	100x3mm	20mm	U.WET	200	1	34186856	12
	100x3mm	20mm	U.WET	400	1	34186857	12
	100x3mm	20mm	U.WET	800	1	34186858	12
	100x3mm	20mm	U.WET	1500	1	34186859	12
	100x3mm	20mm	U.WET	3000	1	34186860	12
	100x3mm	20mm	U.WET	BUFF	1	34186861	12
	100x3mm	20mm	U.WET	1 SET - 8 PADS		34186862	84

Blind hole drills



Core drills for CERAMIC tiles and slabs
and for MARBLE - dry use



Ø (External)	Working length	Fitting	Sysnr	Price
			EUR	
6mm	45mm	HEX	69833	30
8mm	45mm	HEX	69848	30
10mm	45mm	HEX	69855	35
12mm	45mm	HEX	69856	35
14mm	45mm	HEX	69860	35

Core drills



Core drills for CERAMIC tiles and slabs
and for MARBLE - dry use



Ø (External)	Working length	Fitting	Sysnr	Price
			EUR	
20mm	45mm	M14	69769	40
38mm	45mm	M14	69768	48
52mm	45mm	M14	69767	50
65mm	45mm	M14	69766	56
75mm	45mm	M14	51392	60

Hand Pads



Tyrolit Diamond hand Pads are tools that
guarantee very quick, economic and high-
quality finish on flat and shaped surfaces -
Universal



Dimensions	Grit / color	Type	Unit of Purchase	Sysnr	Price /Unit
			EUR		
100x60x30	50 / Green	metal bond	5 Pieces per box	34462323	21
100x60x30	100 / Black	metal bond	5 Pieces per box	34451529	19
100x60x30	200 / Red	metal bond	5 Pieces per box	34451532	17
100x60x30	400 / Yellow	metal bond	5 Pieces per box	34451534	17
100x60x30	800 / White	metal bond	5 Pieces per box	34451535	17
100x60x30	800 / Orange	resin bond	5 Pieces per box	34462324	12
100x60x30	1500 / Blue	resin bond	5 Pieces per box	34462325	12
100x60x30	3000 / Purple	resin bond	5 Pieces per box	34462326	12



Straight Line Edge Machine Tooling



Straight line edge machine tooling for GRANITE and ENGINEERED STONE



Calibrating wheel

Diameter	Fitting	Grit	Sysnr	Price
				EUR
190mm	50mm	M8	34205048	200
250mm	50mm	M8	34205049	240
260mm	50mm	M8	34205047	240



Chamfer/Bevelling wheels

Diameter	Fitting	Grit	Sysnr	Price
				EUR
155mm	50mm	M78	300592	501
150mm	50mm	80BN	34349956	290

Generating wheels



943077



300555 - 34348676 - 34007976

300553 - 300554
377215 - 300570

356408 - 34332750



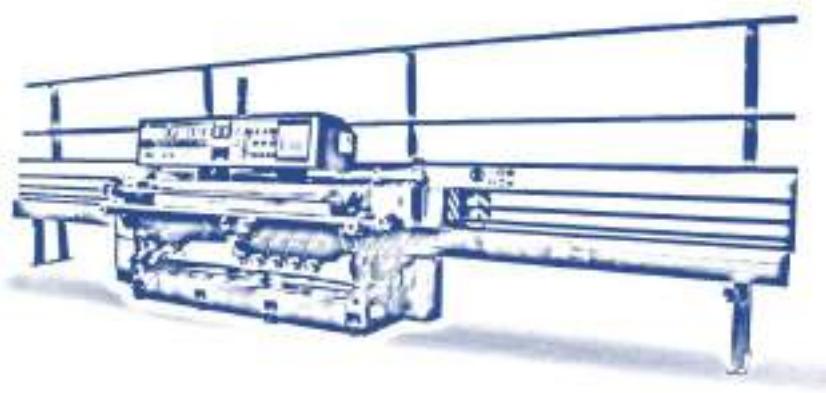
Diameter	Fitting	Grit	Sysnr	Price
				EUR
120mm x 30mm - reinforced wheel	40mm	M9	943077	260
120mm x 34mm	M18	M9	300555	250
130mm x 47,5mm	M30	M9	300554	320
130mm x 47,5mm	Snail fitting	M8	356408	320



Grooving disc

Different machine attachments and diameters available on request

Guidelines for Tools for Ceramic slabs on straight bevelling and profiling machines



On the market there are various brands and models of machines already used for working on artificial stones and glass. The main processes are making and polishing of straight or shaped edges. Depending on the machine model, suitable geometry tools and specifications are available. TYROLIT can help you define the correct sequence of tools for every machine.

Metal and resin bond cup wheels



Profiling wheels



Main processes:



Choice of tools for straight grinding machines for Ceramic slabs:

For a correct selection of tools please provide us with the following information about the machine and the material to be processed:

REQUIRED INFO	
machine manufacturer	
machine model	
application	
material	
material thickness	

A wide range of tools is available to meet customers' needs. Please find below some of the most used types:

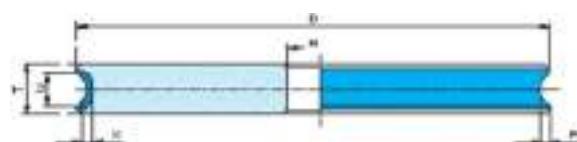
metal bond cup wheels

Ø (External)	Band
150 / 175 mm	
	36 segm. 30°
	32 segm.
	Z32 segm.
	20 segm.
	semi-segments
	10 slots
	continuous band

resin bond cup wheels

Ø (External)	Band
150 / 175 mm	
	16 slots
	semi-segments
	continuous band

Profiling wheels



Ø (External)	T	X	U	P	H



A high-contrast, blue-tinted photograph showing a robotic arm in the process of cutting a dark, textured material. The arm's gripper is visible at the top left, and a bright, focused beam of light is directed onto the workpiece from the right side, creating a sharp, glowing edge where it meets the material. A significant amount of fine, light-colored dust or sparks is visible in the air around the cutting point.

Cutting

Saw blades



Segmented blades for GRANITE, QUARZITE and ENGINEERED STONES

This Universal blade guarantees easy cutting and good finish on all bridge saws and mansories.

The indicative feed rates are: 2-5 m/min on 2 cm thick materials, 1,2-1,8 m/min on 3 cm thick materials or step cutting i.e. 3,5 m/min and 16 mm deep on hard materials

Diameter	Real diameter	Core type	Segment size			Bore	Spindle speed	Spec.	Sysnr	Price
										EUR
350mm	360mm	Standard	40mm	3,2mm	15mm	60/50mm	1500-1900 rpm	GT2-EVO	34470052	98
		Silent	40mm	3,2mm	15mm	60/50mm	1500-1900 rpm	GT2-EVO	34470051	122
400mm	410mm	Standard	40mm	3,2mm	15mm	60/50mm	1300-1650 rpm	GT2-EVO	34470053	114
		Silent	40mm	3,2mm	15mm	60/50mm	1300-1650 rpm	GT2-EVO	34448405	135
450mm	470mm	Standard	40mm	3,6mm	15mm	60/50mm	1150-1450 rpm	GT2-EVO	34470054	147
		Silent	40mm	3,6mm	15mm	60/50mm	1150-1450 rpm	GT2-EVO	34457317	189
500mm	520mm	Standard	40mm	3,6mm	15mm	60/50mm	1050-1350 rpm	GT2-EVO	34470055	180
		Silent	40mm	3,6mm	15mm	60/50mm	1050-1350 rpm	GT2-EVO	34446927	222

Segmented blades for MARBLE and LIMESTONES

This blade guarantees easy cutting and good finish on low and high powered bridge saws and mansories. It's recommended for low and medium abrasive marble and limestone, working . Biancone, Botticino, Comblanchien, Jura, Nero Marquina, Rosso alicante, Rosso Verona, Galala, Marfil, Perlato and Trani are some of them. The blades with 10 mm high turbo shaped segments allow to increase the cutting quality and life time.

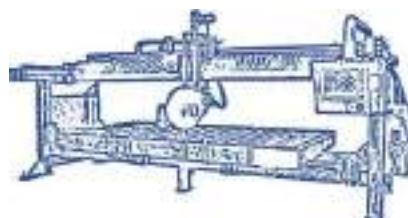
The indicative feed rate is 2-5 m/min in 1 pass or in 2 passes on hard materials.

Diameter	Real diameter	Core type	Segment size			Bore	Spindle speed	Spec.	Sysnr	Price
										EUR
300mm	304mm	Standard	40mm	3,2mm	7mm	60/50mm	2550-3150 rpm	M0LCR	734108	70
		Silent	40mm	3,2mm	7mm	60/50mm	2550-3150 rpm	M0LCR	734109	95
350mm	354mm	Standard	40mm	3,2mm	7mm	60/50mm	2200-2700 rpm	M0LCR	34054080	85
		Silent	40mm	3,2mm	7mm	60/50mm	2200-2700 rpm	M0LCR	555109	112
360mm	360mm	Silent Turbo	42mm	3,2mm	10mm	60/50mm	2200-2700 rpm	M0LCR	709399	140
		Standard	40mm	3,6mm	7mm	60/50mm	1900-2350 rpm	M0LCR	34055889	102
400mm	404mm	Silent	40mm	3,6mm	7mm	60/50mm	1900-2350 rpm	M0LCR	612891	129
		Silent Turbo	42mm	3,6mm	10mm	60/50mm	1900-2350 rpm	M0LCR	672884	165
450mm	454mm	Standard	40mm	4,5mm	7mm	60/50mm	1700-2100 rpm	M0LCR	34058854	120
		Silent	40mm	4,5mm	7mm	60/50mm	1700-2100 rpm	M0LCR	34061611	150
460mm	460mm	Silent Turbo	42mm	4,0mm	10mm	60/50mm	1700-2100 rpm	M0LCR	34222398	195
		Standard	40mm	4,5mm	7mm	60/50mm	1550-1900 rpm	M0LCR	34161127	128
500mm	504mm	Silent	40mm	4,5mm	7mm	60/50mm	1550-1900 rpm	M0LCR	536019	168
		Silent Turbo	42mm	4,0mm	10mm	60/50mm	1550-1900 rpm	M0LCR	34190556	225

Bridge saw guideline for ceramic slabs saw-blade cutting

The machine table must be solid, flat and in good condition, without any residue or even small detritus. If possible it should be covered with a material like technical rubber to provide proper support for the slab and not damage the disc that has to cut through it. If the slab is not flat it is suggested to put a weight on it, as the material should be always in contact with the machine table.

Set the disc height 2mm more than the material thickness so to cut completely through the material. When cutting small pieces it is recommended to fix the material from the side. Make sure the disc cuts all the way out through the slab. The blade is auto-sharpening, anyway it is suggested to sharpen it regularly and also when changing material type.



The cutting saw blade must be selected according to the type of material and to the machine used. We recommend using machines with variable RPM and that allow changes in feed rate. Particularly for cutting 45° where a speed of less than 1m/min is recommended.

While working, there must be a constant and abundant stream of water directed to the front and sides of the blade, as close as possible to the working area.



CERAM

Segmented blades for TECHNICAL CERAMICS

This blade guarantees easy cutting and good finish also on low power machines working with high rpm (more than 36 - 40m/s). Recommended for SINGLE CUTTING UP TO 30mm and 45° cutting of any ceramic over-sized tile and slab. This saw blade makes low-noise cuts with standard steel core.

Diameter	Core type	Segment height	Bore	RPM	Feed rate *	Spec.	Sysnr	Price
EUR								
350mm	Standard	10mm	60/50mm	1800-2000	0,8-1,4 m/min	CERAM-Y	34420112	140
400mm	Standard	10mm	60/50mm	1600-1750	0,8-1,4 m/min	CERAM-Y	34420113	180
450mm	Standard	10mm	60/50mm	1400-1550	0,8-1,4 m/min	CERAM-Y	34418833	210
500mm	Standard	10mm	60/50mm	1300-1400	0,8-1,4 m/min	CERAM-Y	34420114	245

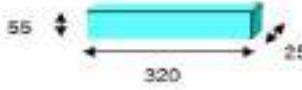
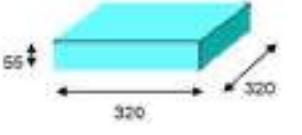
* 40% reduction of the speed rate is always suggested when entering and exiting the material.

* This value depends on thickness and type of material

* For 45° cutting, the speed should be 40% less than during straight cutting

Sharpening stones for saw blades



Dimensions mm	Sysnr	Price EUR
 55 320 25	55x25x320	497322 14
 55 320 320	55x320x320	484672 105
 30 320 160	160x30x320	484627 34

Product list - SYSNR

Sysnr	Page	Sysnr	Page	Sysnr	Page	Sysnr	Page	Sysnr	Page
51392	81	368108	33	386948	42	402878	37	472213	73
56895	79	368109	33	386949	42	402885	39, 40	472214	73
67966	68	368110	44	386955	44	402886	39, 40	472215	73
69766	81	368111	44	386959	44	402887	39, 40	472216	73
69767	81	368112	44	386961	44	402888	41, 42	472217	73
69768	81	368113	45	386964	45	402889	41, 42	479553	64
69769	81	368114	45	386966	45	402890	41, 42	479554	68
69833	81	368115	45	386967	45	402891	43	480093	14, 43
69848	81	368116	46, 47, 48	393503	31	402892	43	482621	56
69855	81	368117	46, 47, 48	393505	31	402893	43	482623	56
69856	81	368118	46, 47, 48	393506	31	402894	43	482625	56
69860	81	374795	21	393820	26	402895	43	482626	56
83585	79	374796	21	393821	26	402897	43	482627	56
89383	79	374798	21	393822	26	403074	65	484102	65
189952	70	374799	25, 26	394184	70	403075	65	484627	93
189954	70	374800	25, 26	395799	46	405245	38	484672	93
242579	68	374801	25, 26	395800	46	405246	38	486176	72
285638	74	374802	30	395801	46	405247	38	486210	65
288043	61	374803	30	397235	27	410027	18, 19	486211	63
298086	71	374804	30	397237	27	410028	18, 19	486212	63
298087	71	374805	29	397238	27	410029	18, 19	486213	63
298088	71	374807	29	399591	15	410377	36	486214	63
300554	85	374808	29	400033	70	410378	36	487091	29
300555	85	374809	35	400035	70	410383	36	487092	29
300592	85	374810	35	400036	70	424846	79	487093	29
301418	68	374812	35	400038	61	437424	74	487268	65
301421	75	374813	43	400040	25	437428	74	490196	14
301422	75	374814	43	400041	25	440414	40	491378	55
310980	79	374815	43	400042	25	440415	40	491381	55
310992	79	374816	46	402813	18	440416	40	491386	55
310993	79	374817	46	402814	18	458773	24	491390	55
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