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STONE BUSINESS UNIT

Stone Fabricator
Catalogue 2022
EN

STONE

Vincent[®]
TOOLS FOR QUARTZ INDUSTRIES

 SURFACES GROUP



YES WE CARE

CREATING VALUE IN HARMONY
WITH NATURE.

Sostenibilità e soluzioni avanzate sono il mind set di Surfaces Group che ha intrapreso una politica industriale all'insegna della sostenibilità

Sustainability and leading-edge solutions make up the mindset of Surfaces Group which implements an industrial policy based on sustainability.

Alcuni importanti progetti già concretizzati:

Important projects already successfully carried through:

- **Le Mole Free Dry di ADI** per la squadratura a secco. Permettono sia il riutilizzo delle polveri originate dalle lavorazioni per la formulazione di nuovi impasti, sia un più facilitato smaltimento degli scarti.
- **ECOS di International Chips**, rivoluziona la vibrofinitura con la tecnologia a secco, per trattare ogni tipologia di materiale senza l'utilizzo dell'acqua. Semplifica il ciclo di lavorazione, migliora l'efficienza, consente il risparmio idrico e elimina gli scarti fangosi.
- La **Linea IQ Luna Abrasivi** comprende mole abrasive di ultima generazione per superfici in agglomerato realizzate con un processo produttivo a basso consumo energetico.
- **Certificazione VOC Free per i trattamenti Gloss e Supergloss di Nocoat** che attesta l'assenza di formaldeide, benzene ed altri composti organici volatili nocivi per l'ambiente e le persone
- **Le mole Vincent HALO: ridotte emissioni di CO2 nell'aria** Grazie al corpo riciclabile in bronzo ed al volume e peso ridotto, le mole HALO usa e getta per vetri auto contribuiscono a ridurre la CO2 generata dai trasporti.
- **Un protocollo interno di "Buone regole"** per il riciclo e il contenimento dei consumi durante la nostra quotidiana vita in azienda. Molto si potrà e si dovrà ancora fare, ma Surfaces Group ha iniziato il suo cammino impegnativo ma necessario per invertire la rotta e promuovere uno sviluppo economico eco sostenibile.

- **ADI Free Dry Grinding Wheels** for dry squaring. They enable both the reuse of powders generated by processing for the production of new mixes and easier waste disposal.

- **ECOS by International Chips**, a revolutionary technology for dry vibratory mass surface finishing, for any type of material. It simplifies the processing cycle and improves efficiency, enabling water saving and sludge reduction.

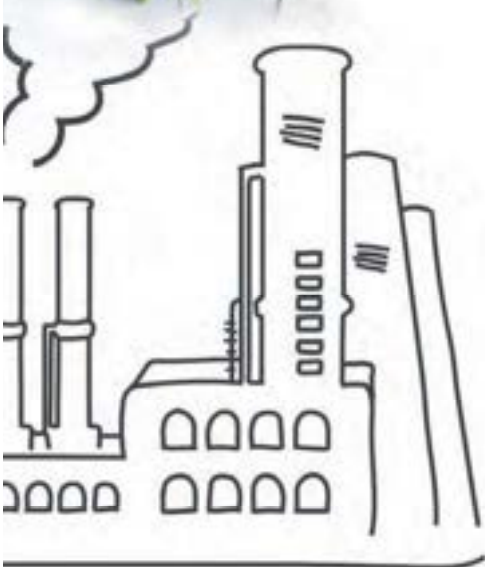
- The **Luna Abrasivi IQ Line** comprises new-generation grinding wheels for agglomerate surfaces, manufactured using an energy-saving production process.

- **VOC Free certification for the NoCoat Gloss and Supergloss** treatments, certifying the absence of formaldehyde, benzene and other volatile organic compounds harmful for the environment and people.

- **VINCENT HALO wheels: CO2 reduction** Due to their recyclable core, their light weight and volume, HALO single use wheels contribute to the reduction of CO2 emissions caused by transportation.

- **An in-house "Good Practices"** protocol for recycling and resource saving during daily life within the organisation.

A great deal more can and must be done, but Surfaces Group has started out on the demanding but essential path to transformational change, and the promotion of eco-sustainable economic growth.





IDENTITÀ DI GRUPPO
GROUP IDENTITY

Surfaces Group
Absolute finishing

Surfaces Group è leader italiano nel mondo per la produzione di soluzioni integrate per tutte le lavorazioni di finiture di ceramica, pietra, marmo, vetro, agglomerati, anticipando le tendenze future e offrendo soluzioni complete grazie alla sinergia di marchi di eccellenza che rappresentano il meglio del Made in Italy: Surfaces Technological Abrasives, ADI, NoCoat, International Chips, Luna Abrasiv, RBM e Vincent.

Made in Italy | Knowhow tecnologico, alta qualità delle materie prime e innovazione al servizio al cliente.

Presenza Internazionale | Operiamo direttamente per essere autentici partner.

Tecnologia e Innovazione | Studio di nuove soluzioni anticipando le esigenze di un mercato in continua evoluzione.

Soluzioni Tailor-Made | Eccellenti finiture su ogni tipologia di materiale studiate su misura grazie ad una ricerca costante.

Surfaces Group is Italian leader worldwide in the production of integrated solutions in finishing processes for ceramics, glass, stone, engineered stone, keeping ahead of future trends and offering complete solutions, thanks to the synergy of brands of excellence representing the best of Italian output: Surfaces Technological Abrasives, ADI, NoCoat, International Chips, Luna Abrasiv, RBM, Vincent.

Made in Italy | Technological know-how, high quality raw materials and innovation to our customers service.

International Presence | We operate directly enabling us to be an authentic partner.

Technology and Innovation | The research of new solutions, anticipating the needs of a continuous evolving market.

Tailor-Made solutions | Excellent finishes for any type of material, tailor-made thanks to constant research.

tecnologia italiana
innovazione
competenza
ricerca
esperienza
presenza mondiale
soluzioni su misura

Italian technology
innovation
know-how
research
experience
worldwide presence
custom solutions

Filiali dirette
Direct subsidiaries

10

Settori chiave
Key sectors

5

Siti produttivi
Production sites

12

Dipendenti
Employees

800

Paesi serviti
Countries served

70

more brands one group





Chi siamo *Who we are*

Dal 1974 VINCENT produce utensili diamantati per il taglio, la molatura e la levigatura di pietra naturale, agglomerato, vetro e piastrelle in ceramica.

La nostra organizzazione, che comprende siti produttivi in Italia e in Asia, conta attualmente oltre 300 risorse altamente qualificate e una presenza commerciale in oltre 70 paesi, servendo più di 1400 clienti in tutto il mondo.

LA NOSTRA MISSIONE: ESSERE SEMPRE AL TUO FIANCO

I nostri clienti ci riconoscono per la qualità e la costanza delle prestazioni dei nostri utensili.

Questo riconoscimento è frutto di un percorso che ci vede impegnati da oltre 50 anni nella ricerca di soluzioni tecniche avanzate per elaborare prodotti innovativi e performanti. Più che fornitori ci piace definirci partner, parte attiva nel processo produttivo del cliente. Accompagniamo il cliente nell'applicazione, per aiutarlo nella definizione dell'utensile più adatto alle sue esigenze. L'obiettivo è ottenere la migliore soluzione possibile per la gestione del processo produttivo del cliente.

VINCENT has been a leading manufacturer of diamond tools since 1974: tools that are used for cutting and grinding, as well as polishing natural stone, quartz agglomerate, glass and ceramic tiles.

Our organization, which includes production sites in Italy and Asia, currently counts over 300 highly qualified employees and a sales force present in over 70 countries, serving more than 1400 customers around the world.

OUR MISSION: TO ALWAYS BE AT YOUR SIDE

Our customers value us for the quality and consistency in the performance of our tools.

This recognition is thanks to our quest over the past 50 years to find advanced technical solutions to develop innovative and performance geared products. More than just a supplier, we like to distinguish ourselves as partners, an active part of our clients' production process. We work together with our customers to apply and help define the tool most suited to their needs. The goal is to get the best possible solution to manage the customer's entire production process.

Vincent[®]
TOOLS FOR QUARTZ INDUSTRIES



SURFACES GROUP

Una storia segnata dall'innovazione

History marked by innovation

1974

Nel 1974, a Thiene, cittadina dell'Alto Vicentino, venne fondata VINCENT, azienda che si specializzò produzione di utensili diamantati per il taglio, la molatura e la levigatura di pietra naturale, agglomerato, vetro e piastrelle in ceramica.

VINCENT was founded in Thiene, a small town in the Northeast of Italy, in 1974. The company is specialized in the production of diamond tools for cutting, grinding and polishing stone, natural stone, quartz agglomerate, glass and ceramic tiles.

1994

A vent'anni dalla fondazione, nel 1994, VINCENT suscitò l'interesse della famiglia austriaca Swarovski, che acquisì l'azienda facendola entrare nel gruppo TYROLIT, produttore di abrasivi. TYROLIT rafforzò la sua presenza nel mondo degli utensili per pietra naturale ed debuttò nei settori della produzione di utensili per ceramica e vetro. Negli anni, le innovazioni sono state molteplici, andando a coprire tutte le applicazioni per la lavorazione della pietra naturale, partendo dal filo usato nella cava, agli utensili per la lucidatura dei top cucina fino ai settori contigui, quali pietra agglomerata, ceramica, vetro, vetro auto e ottica.

Twenty years after its foundation, in 1994, VINCENT caught the attention of the Austrian Swarovski family, who acquired the company and brought it into the TYROLIT group, manufacturers of abrasives. TYROLIT thus enforced its presence in the world of natural stone, and made its debut in ceramics and glass tools. Over the years, there have been many innovations, covering all applications for the processing of natural stone: starting from wire used in the quarry, to tools for polishing everything from kitchen tops to adjoining sectors, such as agglomerated stone, ceramic, glass, and automotive and optical glass.

2021

Nel 2021 la divisione Quartz Industries è uscita dal gruppo TYROLIT entrando a far parte del gruppo Surfaces recuperando lo storico marchio "VINCENT", arricchito dalla tagline "Tools for Quartz industries", dando evidenza al quarzo, il minerale maggiormente diffuso sulla Terra, che è contenuto in ognuno dei materiali lavorati con gli utensili Vincent: pietra naturale, agglomerato, vetro e ceramica.

In 2021, the Quartz Industries division left the TYROLIT group to become part of Surfaces group, reviving the historical "VINCENT" brand, enhanced by the tagline "Tools for Quartz industries". With an emphasis on quartz, the most widespread mineral on Earth, it is contained in each of the materials worked by Vincent tools: natural stone, agglomerate, glass and ceramic.



Scopri l'evoluzione

Discover the evolution



Competenza & esperienza Il vostro partner professionale

*Competence & experience
Professional partner on equal terms*

VINCENT pone sempre il cliente al centro delle proprie attività, in ogni fase di sviluppo. Un team di tecnici e specialisti di prodotto, con numerosi anni di esperienza alle spalle, è a disposizione dei clienti in tutto il mondo e lavora per produrre le soluzioni più efficaci e vantaggiose.

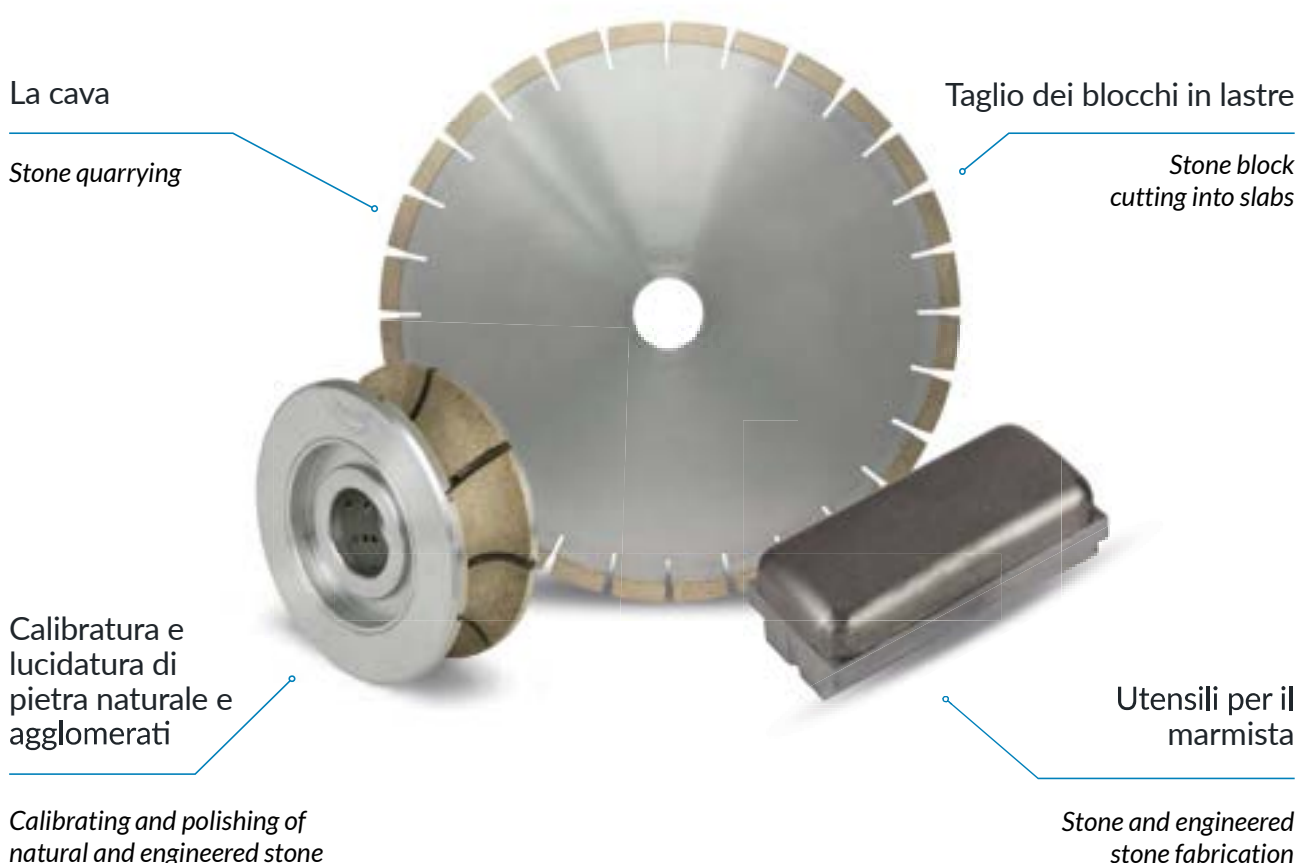
Il nome VINCENT è sinonimo di prodotti innovativi e di utensili della massima qualità. Nel nostro Dipartimento di Ricerca e Sviluppo lavoriamo costantemente su nuovi prodotti con l'obiettivo di rendere ancora più efficienti tutti i processi di lavorazione sull'infinita gamma di materiali dell'industria della pietra e del marmista.

In all business development stages, VINCENT 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 VINCENT is synonymous with innovative products and tool quality at the highest possible level. In our Development 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.

VINCENT – Un partner globale per tutte le lavorazioni dell'industria della pietra e del marmista

VINCENT - A global partner for all applications in the stone industry and fabrication



Innovazioni per la lavorazione della pietra

Milestones for stone industry

L'innovazione può avvenire solo sviluppando costantemente qualcosa di nuovo che serve all'intero settore. Nella lavorazione della pietra VINCENT gioca un ruolo attivo nello sviluppo dell'innovazione e i risultati ottenuti lo dimostrano nel lavoro quotidiano dei clienti in tutto il mondo.

Innovation leadership can only be achieved by constantly coming up with something new that serves the whole branch. VINCENT has always played leading role in the Stone Industry, bringing many innovations in the market. In Stone Industry VINCENT plays an active role in developing innovation and the impressive milestones show it in the daily work of the customers all over the world.



1988

Settori oscillanti a legante metallico
Rivoluzionano la lucidatura del granito e generano un aumento della produttività e una riduzione dei costi di lavorazione delle lastre.

Metal bond diamond fickerts cause a revolution in the polishing of granite by increasing productivity and reducing processing costs.



1990

VINCENT introduce gli utensili a legante metallico con fascia continua per la profilatura del granito su macchine CNC
VINCENT introduces metal bonded diamond profiling tools with continuous rim for profiling edges of granite on CNC machines.



1995

I rulli calibratori a pacco dischi su teste fisse e rotanti stabiliscono un nuovo standard nel settore della pietra naturale e dei materiali agglomerati.

Calibrating rollers with packed discs on either fixed or rotating heads, set a new standard in the natural and engineered stone industries.



2004

Nuovo design dei settori oscillanti a legante metallico. La fascia diamantata continua con specifiche geometrie garantisce l'eccellente finitura delle lastre in granito e agglomerato.

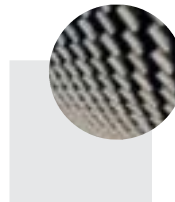
New design of metal bond diamond fickerts with continuous diamond layer and specific geometry grants an excellent finishing of slab surfaces in granite and engineered stone.



2006

Le mole lucidanti WINNER per macchine CNC sono le prime a realizzare una lucidatura perfetta, senza la necessità di ulteriori ritocchi manuali.

WINNER CNC polishing wheels are the first to grant a perfect finish with no need of additional hand buffing.



2011

Settori multistrato per dischi da taglio. I clienti richiedono velocità e alta produttività. I settori multistrato garantiscono un taglio a elevata velocità di graniti e pietre dure.

Multilayer segments for circular saw blades customers need speed and high productivity. Multilayer segments guarantee ultra fast cutting of hard stones.





STONE FABRICATION DIAMOND TOOLING

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CNC PROFILING TOOLS



Roughing wheels for GRANITE and ENGINEERED STONES



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



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



2 available positions

Suitable for 20mm and 30mm slabs

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



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

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...



764012
Ø 50mm

34026765
Ø 80mm

available in 2 different diameters

Suitable for 20mm and 30mm slabs

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

Chamfering for GRANITE and ENGINEERED STONES



available in 2 different diameters

Suitable for 20, 30 and 40mm slabs

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

EPIC

Vincent redefines CNC profiling wheels for stone fabrication.

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

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.



Vincent offers a wide range of profiles and diameters:



Increased lifetime:

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

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).



Vincent Quality:

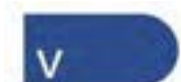
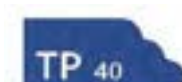
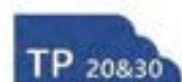
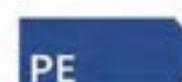
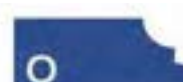
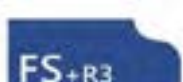
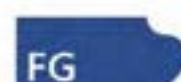
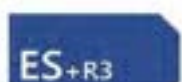
Since the stone fabrication on CNC machine started, Vincent has been known for top quality profile tools. The HS3 range of tooling once again places Vincent at the cutting edge of profile tool development.

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

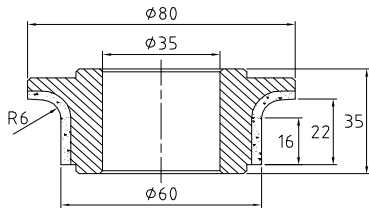


Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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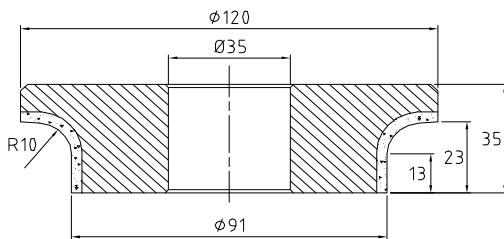
Profile A - 20 r6



Ø 80mm

0	Segmented profiling wheel	543845
1	Slotted profiling wheel	543846
2	Slotted profiling wheel	543848
3	Slotted profiling wheel	543849
4	WINNER polishing wheel	543850
5	WINNER polishing wheel	543851
6	WINNER polishing wheel	543852

Profile A - 20 r10

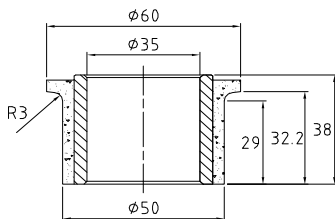


Ø 120mm



0	Segmented profiling wheel	533535
1	Slotted profiling wheel	533536
2	Slotted profiling wheel	533537
3	Slotted profiling wheel	541176
4	WINNER polishing wheel	402813
5	WINNER polishing wheel	402814
6	WINNER polishing wheel	402815

Profile A - 30 r3



Ø 60mm



0	Segmented profiling wheel	34053959
1	Slotted profiling wheel	34420522
2	Slotted profiling wheel	34420523
3	Slotted profiling wheel	34420524
* 4	WINNER polishing wheel	410027
* 5	WINNER polishing wheel	410028
* 6	WINNER polishing wheel	410029

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

Available on request: electroplated wheels for marble and abrasive polishers

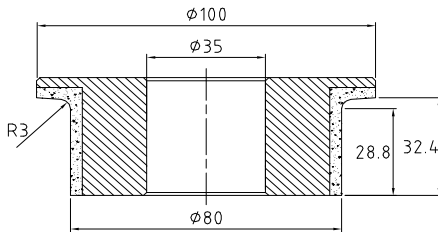
Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile A - 30 r3

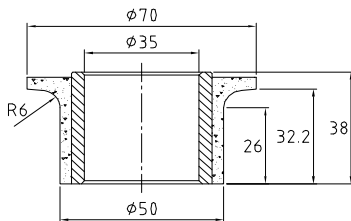
Ø 100mm



0	Segmented profiling wheel	34180877
1	Slotted profiling wheel	34419458
2	Slotted profiling wheel	34419459
3	Slotted profiling wheel	34419460
4	WINNER polishing wheel	410027
5	WINNER polishing wheel	410028
6	WINNER polishing wheel	410029

Profile A - 30 r6

Ø 70mm

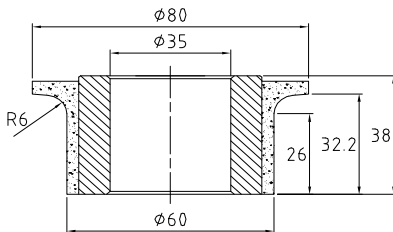


0	Segmented profiling wheel	34051222
1	Slotted profiling wheel	34419482
2	Slotted profiling wheel	34419483
3	Slotted profiling wheel	34419484
* 4	WINNER polishing wheel	368100
* 5	WINNER polishing wheel	368101
* 6	WINNER polishing wheel	368102

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

Profile A - 30 r6

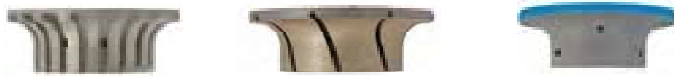
Ø 80mm



0	Segmented profiling wheel	606604
1	Slotted profiling wheel	34415750
2	Slotted profiling wheel	34415751
3	Slotted profiling wheel	34415752
4	WINNER polishing wheel	368100
5	WINNER polishing wheel	368101
6	WINNER polishing wheel	368102

Available on request: electroplated wheels for marble and abrasive polishers

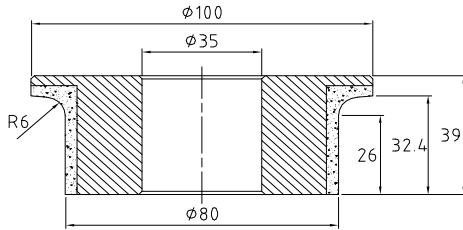
Profiling wheels for GRANITE and ENGINEERED STONE



Description	Sysnr
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Profile A - 30 r6

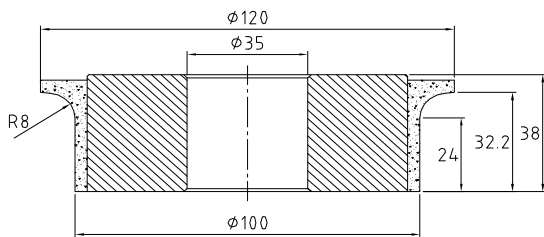
Ø 100mm



0	Segmented profiling wheel	655623
1	Slotted profiling wheel	34419477
2	Slotted profiling wheel	34419478
3	Slotted profiling wheel	34419481
4	WINNER polishing wheel	368100
5	WINNER polishing wheel	368101
6	WINNER polishing wheel	368102

Profile A - 30 r6

Ø 120mm



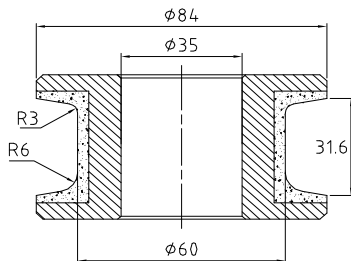
0	Segmented profiling wheel	582700
1	Slotted profiling wheel	582701
2	Slotted profiling wheel	582702
3	Slotted profiling wheel	582705
4	WINNER polishing wheel	368100
5	WINNER polishing wheel	368101
6	WINNER polishing wheel	368102



Description	Sysnr
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Profile A - 30 r6+r3

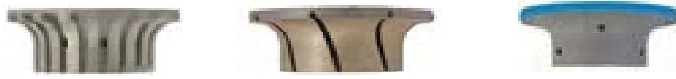
Ø 80mm



0	Segmented profiling wheel	34237525
1	Slotted profiling wheel	34419658
2	Slotted profiling wheel	34419659
3	Slotted profiling wheel	34419660
4	WINNER polishing wheel	34165374
5	WINNER polishing wheel	34165376
6	WINNER polishing wheel	34165377

Available on request: electroplated wheels for marble and abrasive polishers

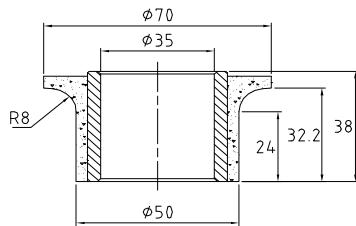
Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile A - 30 r8

Ø 70mm

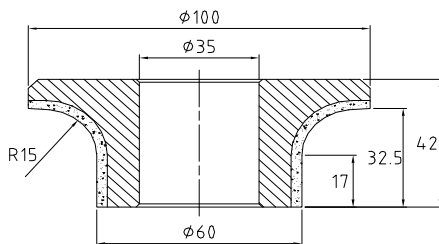


0	Segmented profiling wheel	533551
1	Slotted profiling wheel	533552
2	Slotted profiling wheel	533553
3	Slotted profiling wheel	541182
* 4	WINNER polishing wheel	374795
* 5	WINNER polishing wheel	374796
* 6	WINNER polishing wheel	374798

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

Profile A - 30 r15

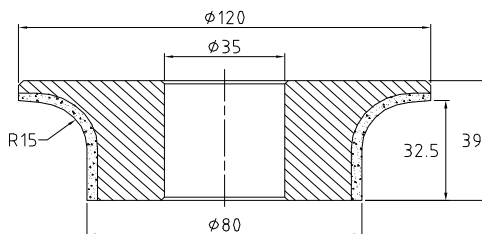
Ø 100mm



0	Segmented profiling wheel	668292
1	Slotted profiling wheel	34420525
2	Slotted profiling wheel	34420526
3	Slotted profiling wheel	34420527
4	WINNER polishing wheel	368103
5	WINNER polishing wheel	368104
6	WINNER polishing wheel	368105

Profile A - 30 r15

Ø 120mm



0	Segmented profiling wheel	34047098
1	Slotted profiling wheel	34414117
2	Slotted profiling wheel	34414118
3	Slotted profiling wheel	34414119
4	WINNER polishing wheel	368103
5	WINNER polishing wheel	368104
6	WINNER polishing wheel	368105

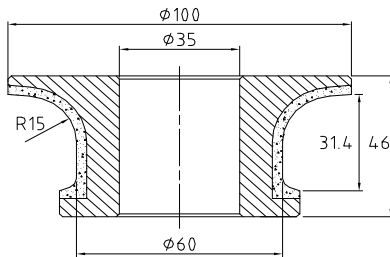
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile A - 30 r15+r3

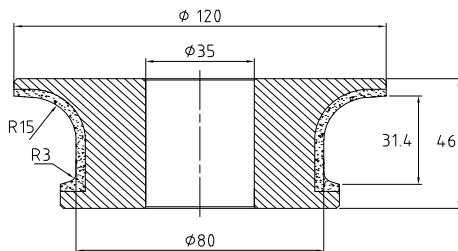


Ø 100mm



0	Segmented profiling wheel	34048103
1	Slotted profiling wheel	34409073
2	Slotted profiling wheel	34409076
3	Slotted profiling wheel	34409078
4	WINNER polishing wheel	526518
5	WINNER polishing wheel	526519
6	WINNER polishing wheel	526520

Profile A - 30 r15+r3



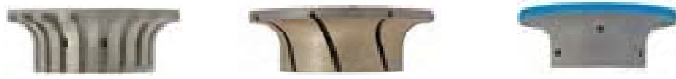
Ø 120mm



0	Segmented profiling wheel	34239769
1	Slotted profiling wheel	34403261
2	Slotted profiling wheel	34403263
3	Slotted profiling wheel	34403265
4	WINNER polishing wheel	526518
5	WINNER polishing wheel	526519
6	WINNER polishing wheel	526520

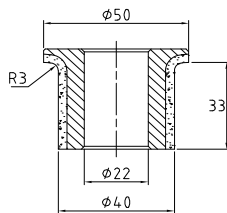
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile A - 33 r3

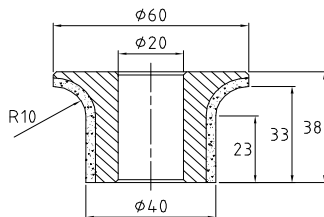


Ø 50mm - *** Bore 22mm



0	Segmented profiling wheel	34372484
1	Slotted profiling wheel	34375441
2	Slotted profiling wheel	34375442
3	Slotted profiling wheel	34375443
4	WINNER polishing wheel	34369652
5	WINNER polishing wheel	34369653
6	WINNER polishing wheel	34369655

Profile A - 33 r10



Ø 60mm - *** Bore 20mm



0	Segmented profiling wheel	657553
1	Slotted profiling wheel	657557
2	Slotted profiling wheel	657560
3	Slotted profiling wheel	657561
4	WINNER polishing wheel	658356
5	WINNER polishing wheel	658357
6	WINNER polishing wheel	658359

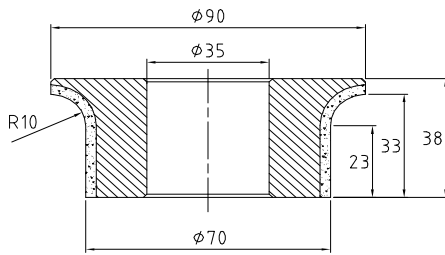
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile A - 33 r10

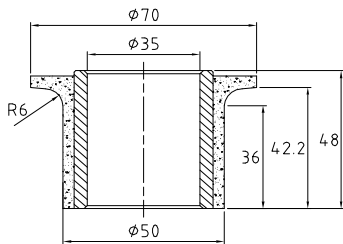


Ø 90mm



0	Segmented profiling wheel	34369283
1	Slotted profiling wheel	34423956
2	Slotted profiling wheel	34423958
3	Slotted profiling wheel	34423959
4	WINNER polishing wheel	640237
5	WINNER polishing wheel	640238
6	WINNER polishing wheel	640239

Profile A - 40 r6



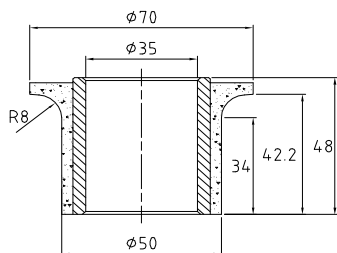
Ø 70mm



0	Segmented profiling wheel	554719
1	Slotted profiling wheel	554720
2	Slotted profiling wheel	554721
3	Slotted profiling wheel	554722
* 4	WINNER polishing wheel	458773
* 5	WINNER polishing wheel	458774
* 6	WINNER polishing wheel	458775

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

Profile A - 40 r8



Ø 70mm



0	Segmented profiling wheel	533557
1	Slotted profiling wheel	533560
2	Slotted profiling wheel	533561
3	Slotted profiling wheel	541183
* 4	WINNER polishing wheel	461476
* 5	WINNER polishing wheel	461478
* 6	WINNER polishing wheel	461480

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

Available on request: electroplated wheels for marble and abrasive polishers

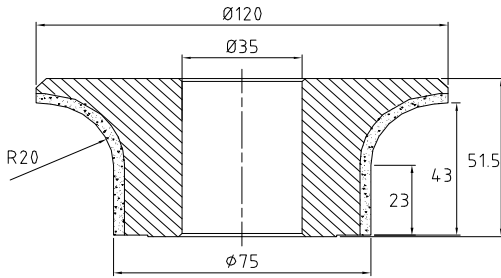
Profiling wheels for GRANITE and ENGINEERED STONE



Description	Sysnr
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Profile A - 40 r20

Ø 120mm



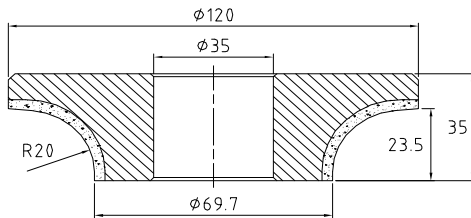
0	Segmented profiling wheel	533562
1	Slotted profiling wheel	34422493
2	Slotted profiling wheel	34422497
3	Slotted profiling wheel	34422498
4	WINNER polishing wheel	402816
5	WINNER polishing wheel	402817
6	WINNER polishing wheel	402818



Description	Sysnr
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Profile B - 20 r20

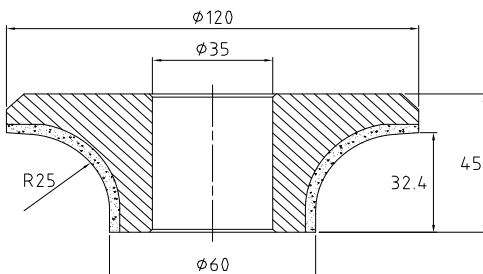
Ø 120mm



0	Segmented profiling wheel	533566
1	Slotted profiling wheel	533569
2	Slotted profiling wheel	533570
3	Slotted profiling wheel	541186
4	WINNER polishing wheel	400040
5	WINNER polishing wheel	400041
6	WINNER polishing wheel	400042

Profile B - 30 r25

Ø 120mm



0	Segmented profiling wheel	668293
1	Slotted profiling wheel	34420460
2	Slotted profiling wheel	34420531
3	Slotted profiling wheel	34420532
4	WINNER polishing wheel	374799
5	WINNER polishing wheel	374800
6	WINNER polishing wheel	374801

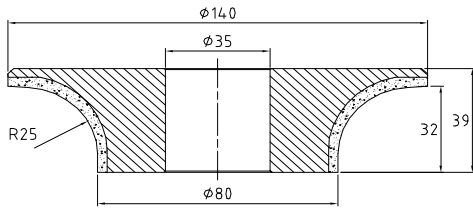
Available on request: electroplated wheels for marble and abrasive polishes

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile B - 30 r25

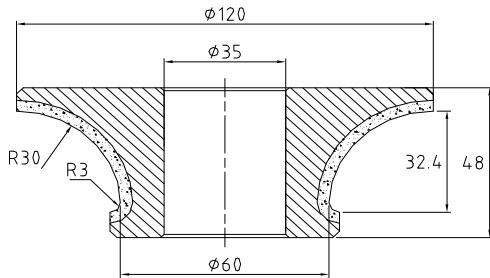


Ø 140mm



0	Segmented profiling wheel	530515
1	Slotted profiling wheel	530516
2	Slotted profiling wheel	530517
3	Slotted profiling wheel	541187
4	WINNER polishing wheel	374799
5	WINNER polishing wheel	374800
6	WINNER polishing wheel	374801

Profile B - 30 r30+r3

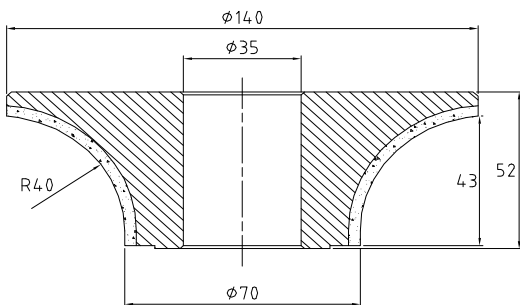


Ø 120mm



0	Segmented profiling wheel	34051226
1	Slotted profiling wheel	34419455
2	Slotted profiling wheel	34419456
3	Slotted profiling wheel	34419457
4	WINNER polishing wheel	495783
5	WINNER polishing wheel	495784
6	WINNER polishing wheel	495786

Profile B - 40 r40



Ø 140mm



0	Segmented profiling wheel	533572
1	Slotted profiling wheel	533573
2	Slotted profiling wheel	533575
3	Slotted profiling wheel	541189
4	WINNER polishing wheel	393820
5	WINNER polishing wheel	393821
6	WINNER polishing wheel	393822

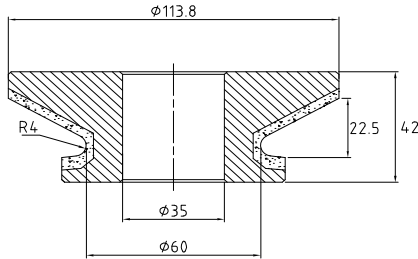
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile D - 20



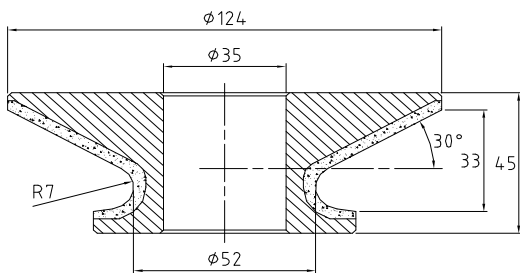
Ø 114mm



0	Segmented profiling wheel	34398885
1	Slotted profiling wheel	34398886
2	Slotted profiling wheel	34398887
3	Slotted profiling wheel	34398888
* 4	WINNER polishing wheel	34397400
* 5	WINNER polishing wheel	34397421
* 6	WINNER polishing wheel	34397422

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

Profile D - 30



Ø 124mm



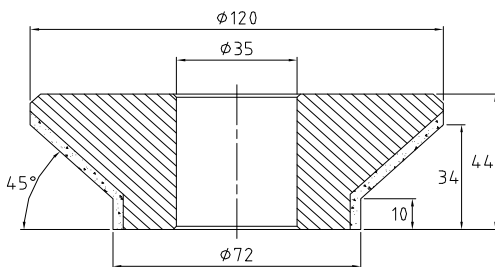
0	Segmented profiling wheel	533974
1	Slotted profiling wheel	34504322
2	Slotted profiling wheel	34504321
3	Slotted profiling wheel	34504300
* 4	WINNER polishing wheel	402819
* 5	WINNER polishing wheel	402820
* 6	WINNER polishing wheel	402821

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



	Description	Sysnr
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Profile E - 30



Ø 120mm

0	Segmented profiling wheel	533983
1	Slotted profiling wheel	533984
2	Slotted profiling wheel	533986
3	Slotted profiling wheel	541196
4	WINNER polishing wheel	397235
5	WINNER polishing wheel	397237
6	WINNER polishing wheel	397238

Available on request: electroplated wheels for marble and abrasive polishers

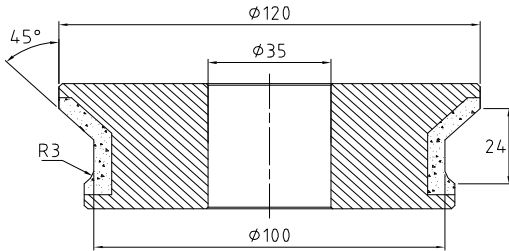
Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile EC - 20 r3

Ø 120mm

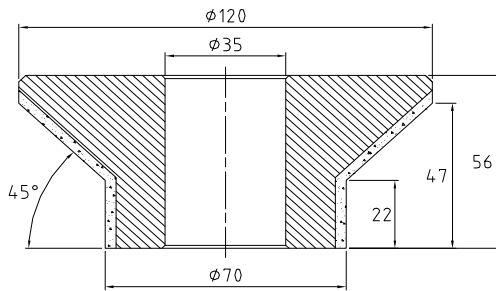


0	Segmented profiling wheel	34164957
1	Segmented profiling wheel	34164958
2	Segmented profiling wheel	34164960
3	Segmented profiling wheel	34164981
4	WINNER polishing wheel	34168854
5	WINNER polishing wheel	34168855
6	WINNER polishing wheel	34168856

Profile EC - 30&40

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

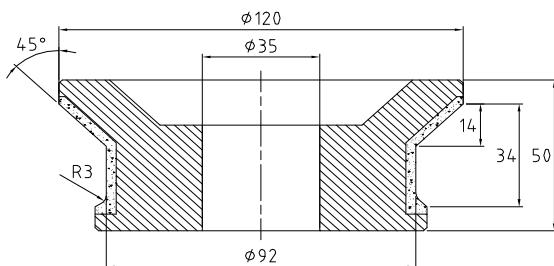
Ø 120mm



0	Segmented profiling wheel	533987
1	Slotted profiling wheel	34422090
2	Slotted profiling wheel	34422142
3	Slotted profiling wheel	34422143
4	WINNER polishing wheel	386926
5	WINNER polishing wheel	386927
6	WINNER polishing wheel	386928

Profile EC - 30 r3

Ø 120mm



0	Segmented profiling wheel	34159924
1	Slotted profiling wheel	34417310
2	Slotted profiling wheel	34417321
3	Slotted profiling wheel	34417322
4	WINNER polishing wheel	34161139
5	WINNER polishing wheel	34161143
6	WINNER polishing wheel	34161144

Available on request: electroplated wheels for marble and abrasive polishers

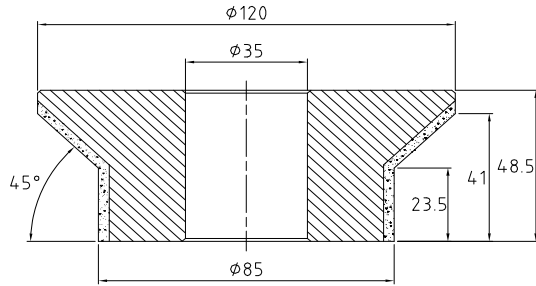
Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile EC - 38

Ø 120mm



0	Segmented profiling wheel	667137
1	Slotted profiling wheel	667143
2	Slotted profiling wheel	667144
3	Slotted profiling wheel	667145
4	WINNER polishing wheel	487091
5	WINNER polishing wheel	487092
6	WINNER polishing wheel	487093



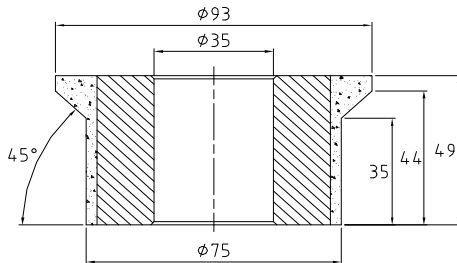
	Description	Sysnr
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Profile ES - 30&40

Ø 93mm



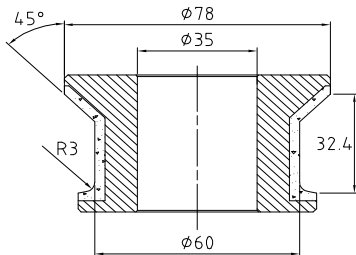
(Same set for both 30mm and 40mm slabs)



0	Segmented profiling wheel	34048911
1	Slotted profiling wheel	34402943
2	Slotted profiling wheel	34402944
3	Slotted profiling wheel	34402945
4	WINNER polishing wheel	374805
5	WINNER polishing wheel	374807
6	WINNER polishing wheel	374808

Profile ES - 30 r3

Ø 78mm



0	Segmented profiling wheel	34259315
1	Slotted profiling wheel	34416726
2	Slotted profiling wheel	34416727
3	Slotted profiling wheel	34416728
4	WINNER polishing wheel	34216899
5	WINNER polishing wheel	34216931
6	WINNER polishing wheel	34216932

Available on request: electroplated wheels for marble and abrasive polishers

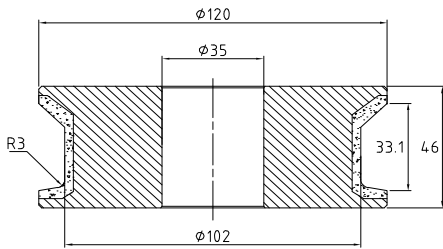
Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile ES - 30 r3

Ø 120mm



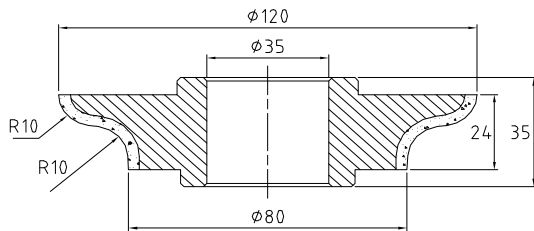
0	Segmented profiling wheel	34251696
1	Slotted profiling wheel	34405309
2	Slotted profiling wheel	34405300
3	Slotted profiling wheel	34405341
4	WINNER polishing wheel	34216899
5	WINNER polishing wheel	34216931
6	WINNER polishing wheel	34216932



	Description	Sysnr
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Profile F - 20

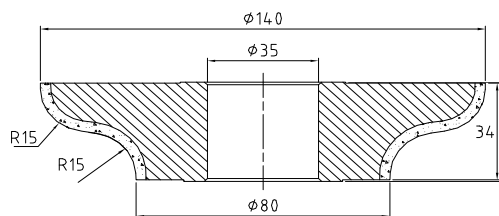
Ø 120mm



0	Segmented profiling wheel	534030
1	Slotted profiling wheel	534031
2	Slotted profiling wheel	534032
3	Slotted profiling wheel	541200
4	WINNER polishing wheel	402825
5	WINNER polishing wheel	402828
6	WINNER polishing wheel	402829

Profile F - 30

Ø 140mm



0	Segmented profiling wheel	534033
1	Slotted profiling wheel	534034
2	Slotted profiling wheel	534037
3	Slotted profiling wheel	541201
4	WINNER polishing wheel	374802
5	WINNER polishing wheel	374803
6	WINNER polishing wheel	374804

Available on request: electroplated wheels for marble and abrasive polishers

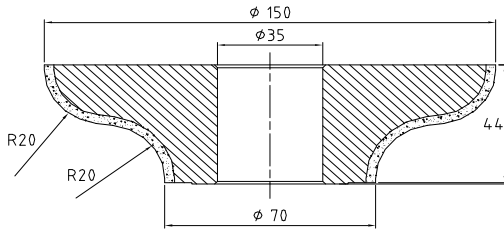
Profiling wheels for GRANITE and ENGINEERED STONE



Description	Sysnr
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Profile F - 40

Ø 150mm



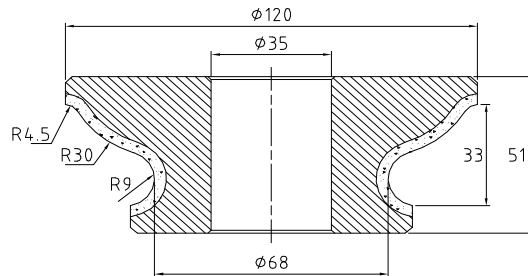
0	Segmented profiling wheel	534038
1	Slotted profiling wheel	534039
2	Slotted profiling wheel	534040
3	Slotted profiling wheel	541202
4	WINNER polishing wheel	402830
5	WINNER polishing wheel	402831
6	WINNER polishing wheel	402832



Description	Sysnr
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Profile FG - 33

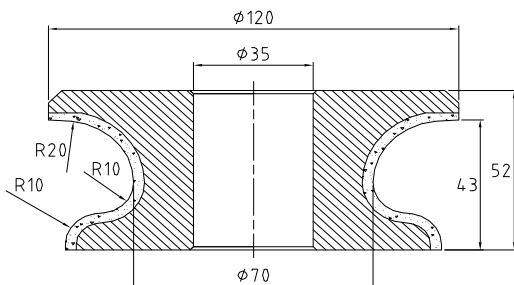
Ø 120mm



0	Segmented profiling wheel	34044148
1	Slotted profiling wheel	34424738
2	Slotted profiling wheel	34424739
3	Slotted profiling wheel	34424740
4	WINNER polishing wheel	393503
5	WINNER polishing wheel	393505
6	WINNER polishing wheel	393506

Profile FG - 40

Ø 120mm



0	Segmented profiling wheel	534051
1	Slotted profiling wheel	534052
2	Slotted profiling wheel	534055
3	Slotted profiling wheel	541207
4	WINNER polishing wheel	382678
5	WINNER polishing wheel	382680
6	WINNER polishing wheel	382683

Available on request: electroplated wheels for marble and abrasive polishers

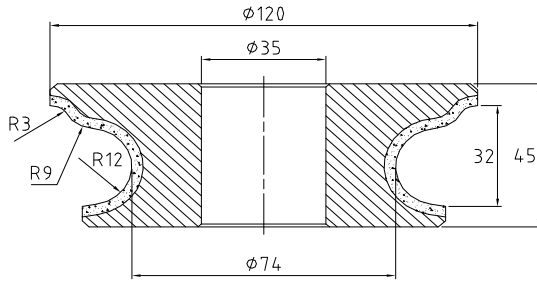
Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile FGS - 30 r3

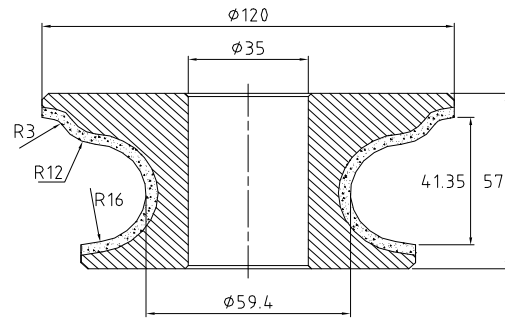
Ø 120mm



0	Segmented profiling wheel	543785
1	Slotted profiling wheel	543787
2	Slotted profiling wheel	543788
3	Slotted profiling wheel	543789
4	WINNER polishing wheel	543790
5	WINNER polishing wheel	543791
6	WINNER polishing wheel	543792

Profile FGS - 40 r3

Ø 120mm

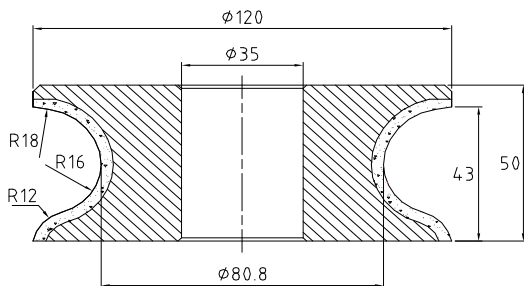


0	Segmented profiling wheel	534062
1	Slotted profiling wheel	534064
2	Slotted profiling wheel	534066
3	Slotted profiling wheel	541210
4	WINNER polishing wheel	465602
5	WINNER polishing wheel	465603
6	WINNER polishing wheel	465604

	Description	Sysnr
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Profile FGS - 40

Ø 120mm



0	Segmented profiling wheel	534058
1	Slotted profiling wheel	534059
2	Slotted profiling wheel	534060
3	Slotted profiling wheel	541208
4	WINNER polishing wheel	377925
5	WINNER polishing wheel	377926
6	WINNER polishing wheel	377927

Available on request: electroplated wheels for marble and abrasive polishers

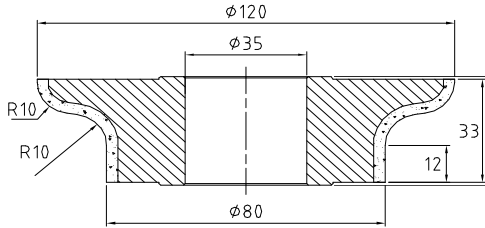
Profiling wheels for GRANITE and ENGINEERED STONE



Description	Sysnr
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Profile FS - 30

Ø 120mm



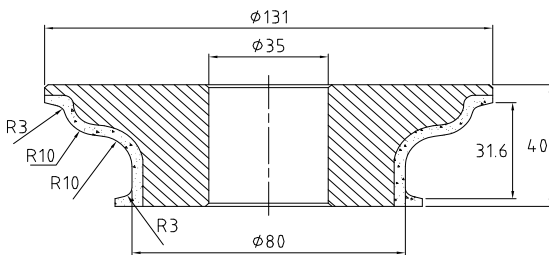
0	Segmented profiling wheel	34051224
1	Slotted profiling wheel	34414193
2	Slotted profiling wheel	34414194
3	Slotted profiling wheel	34414195
4	WINNER polishing wheel	368107
5	WINNER polishing wheel	368108
6	WINNER polishing wheel	368109



Description	Sysnr
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Profile FS - 30 r3

Ø 130mm



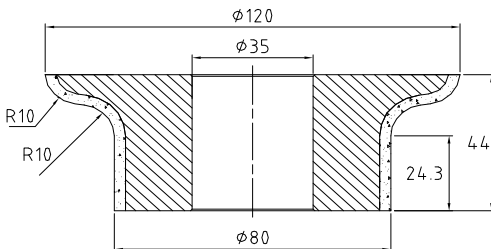
0	Segmented profiling wheel	34048912
1	Slotted profiling wheel	34415229
2	Slotted profiling wheel	34415230
3	Slotted profiling wheel	34415234
4	WINNER polishing wheel	539356
5	WINNER polishing wheel	539358
6	WINNER polishing wheel	539360



Description	Sysnr
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Profile FS - 40

Ø 120mm



0	Segmented profiling wheel	534071
1	Slotted profiling wheel	34421295
2	Slotted profiling wheel	34421296
3	Slotted profiling wheel	34421297
4	WINNER polishing wheel	386929
5	WINNER polishing wheel	386930
6	WINNER polishing wheel	386931

Available on request: electroplated wheels for marble and abrasive polishers

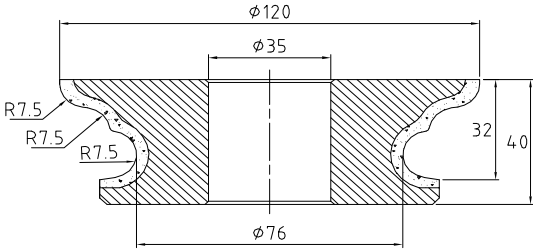
Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile FV - 30

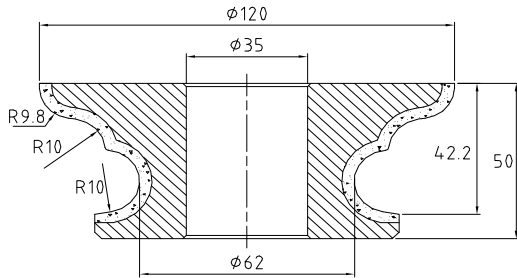
Ø 120mm



0	Segmented profiling wheel	534074
1	Slotted profiling wheel	534076
2	Slotted profiling wheel	534080
3	Slotted profiling wheel	541214
4	WINNER polishing wheel	386934
5	WINNER polishing wheel	386936
6	WINNER polishing wheel	386937

Profile FV - 40

Ø 120mm



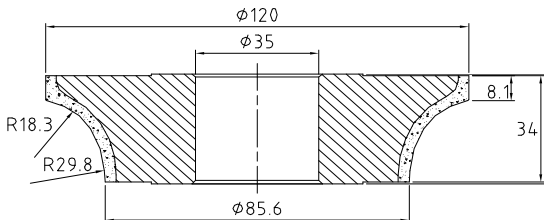
0	Segmented profiling wheel	534081
1	Slotted profiling wheel	534084
2	Slotted profiling wheel	534086
3	Slotted profiling wheel	541215
4	WINNER polishing wheel	386940
5	WINNER polishing wheel	386941
6	WINNER polishing wheel	386942



	Description	Sysnr
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Profile H - 30

Ø 120mm



0	Segmented profiling wheel	534142
1	Slotted profiling wheel	534144
2	Slotted profiling wheel	534146
3	Slotted profiling wheel	541218
4	WINNER polishing wheel	402839
5	WINNER polishing wheel	402840
6	WINNER polishing wheel	402841

Available on request: electroplated wheels for marble and abrasive polishers

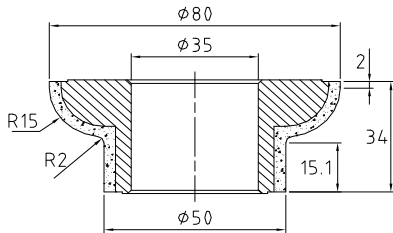
Profiling wheels for GRANITE and ENGINEERED STONE



Description	Sysnr
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Profile L - 30

Ø 80mm



0	Segmented profiling wheel	34423671
1	Slotted profiling wheel	552133
2	Slotted profiling wheel	552134
3	Slotted profiling wheel	552135
* 4	WINNER polishing wheel	402848
* 5	WINNER polishing wheel	402850
* 6	WINNER polishing wheel	402851

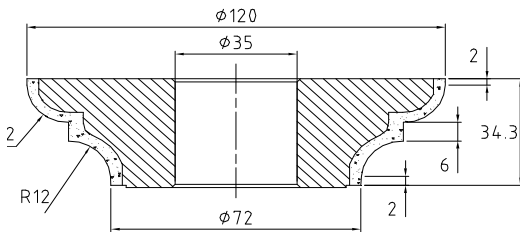
*minimum external Ø of WINNER = 60mm - larger than metal position



Description	Sysnr
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Profile O - 30

Ø 120mm



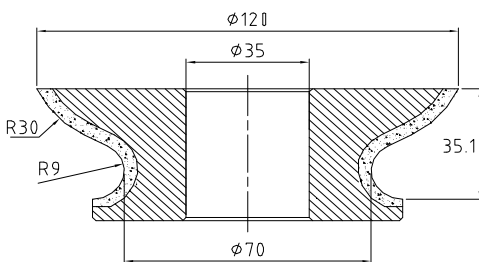
0	Segmented profiling wheel	534155
1	Slotted profiling wheel	534156
2	Slotted profiling wheel	534157
3	Slotted profiling wheel	541221
4	WINNER polishing wheel	402864
5	WINNER polishing wheel	402865
6	WINNER polishing wheel	402866



Description	Sysnr
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Profile OG - 30

Ø 120mm



0	Segmented profiling wheel	34047099
1	Slotted profiling wheel	34406513
2	Slotted profiling wheel	34406514
3	Slotted profiling wheel	34406515
4	WINNER polishing wheel	374809
5	WINNER polishing wheel	374810
6	WINNER polishing wheel	374812

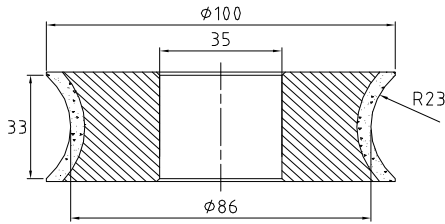
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile PE - 30 r23

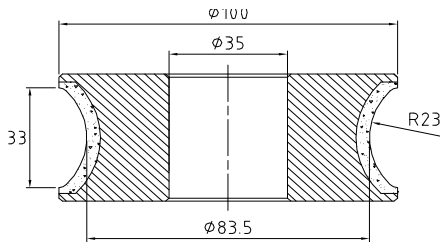


Ø 100mm



0	Segmented profiling wheel	534161
1	Slotted profiling wheel	534162
2	Slotted profiling wheel	534165
3	Slotted profiling wheel	541229
4	WINNER polishing wheel	410377
5	WINNER polishing wheel	410378
6	WINNER polishing wheel	410383

Profile PE - 30 r23+r3

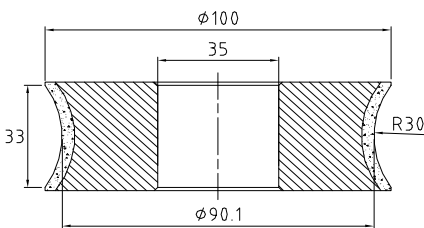


Ø 100mm



0	Segmented profiling wheel	34051228
1	Slotted profiling wheel	34163460
2	Slotted profiling wheel	34163482
3	Slotted profiling wheel	34163483
4	WINNER polishing wheel	697711
5	WINNER polishing wheel	697712
6	WINNER polishing wheel	697713

Profile PE - 30 r30



Ø 100mm



0	Segmented profiling wheel	602385
1	Slotted profiling wheel	602407
2	Slotted profiling wheel	602410
3	Slotted profiling wheel	602414
4	WINNER polishing wheel	602424
5	WINNER polishing wheel	602427
6	WINNER polishing wheel	602441

Available on request: electroplated wheels for marble and abrasive polishers

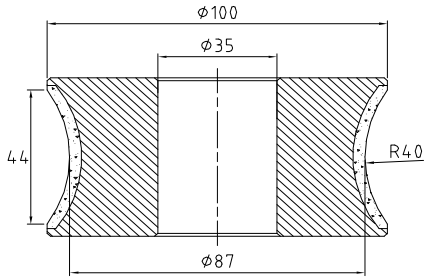
Profiling wheels for GRANITE and ENGINEERED STONE



Description	Sysnr
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Profile PE - 40 r40

Ø 100mm



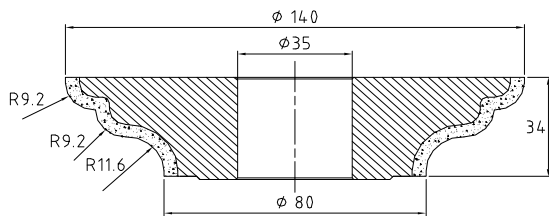
0	Segmented profiling wheel	620745
1	Slotted profiling wheel	620760
2	Slotted profiling wheel	620762
3	Slotted profiling wheel	620764
4	WINNER polishing wheel	621026
5	WINNER polishing wheel	621027
6	WINNER polishing wheel	621029



Description	Sysnr
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Profile Q - 30

Ø 140mm



0	Segmented profiling wheel	534321
1	Slotted profiling wheel	534322
2	Slotted profiling wheel	534324
3	Slotted profiling wheel	541233
4	WINNER polishing wheel	402876
5	WINNER polishing wheel	402877
6	WINNER polishing wheel	402878

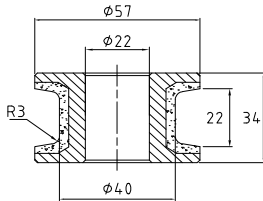
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile T - 20 r3

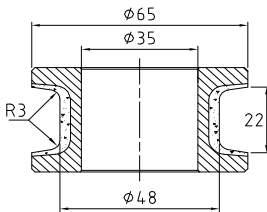


Ø 57mm - *** Bore 22mm



0	Segmented profiling wheel	34372486
1	Slotted profiling wheel	34376042
2	Slotted profiling wheel	34376043
3	Slotted profiling wheel	34376046
* 4	WINNER polishing wheel	34363193
* 5	WINNER polishing wheel	34363194
* 6	WINNER polishing wheel	34363195

Profile T - 20 r3



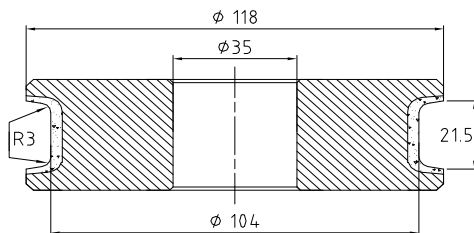
Ø 65mm



0	Segmented profiling wheel	536037
1	Slotted profiling wheel	34409155
2	Slotted profiling wheel	34409156
3	Slotted profiling wheel	34409157
* 4	WINNER polishing wheel	405245
* 5	WINNER polishing wheel	405246
* 6	WINNER polishing wheel	405247

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

Profile T - 20 r3



Ø 120mm



0	Segmented profiling wheel	537221
1	Slotted profiling wheel	34412377
2	Slotted profiling wheel	34412378
3	Slotted profiling wheel	34412380
4	WINNER polishing wheel	405245
5	WINNER polishing wheel	405246
6	WINNER polishing wheel	405247

Available on request: electroplated wheels for marble and abrasive polishers

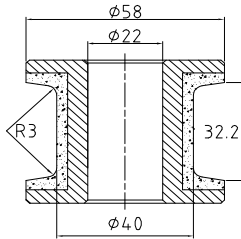
Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile T - 30 r3

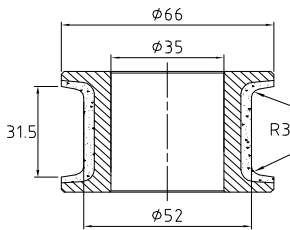
Ø 58mm - *** Bore 22mm



0	Segmented profiling wheel	34241437
1	Slotted profiling wheel	34397601
2	Slotted profiling wheel	34397602
3	Slotted profiling wheel	34397603
4	WINNER polishing wheel	34241446
5	WINNER polishing wheel	34241447
6	WINNER polishing wheel	34241448

Profile T - 30 r3

Ø 66mm

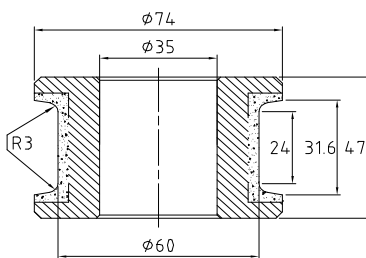


0	Segmented profiling wheel	34047096
1	Slotted profiling wheel	34409121
2	Slotted profiling wheel	34409122
3	Slotted profiling wheel	34409123
* 4	WINNER polishing wheel	402885
* 5	WINNER polishing wheel	402886
* 6	WINNER polishing wheel	402887

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

Profile T - 30 r3

Ø 80mm



0	Segmented profiling wheel	34203445
1	Slotted profiling wheel	34350830
2	Slotted profiling wheel	34350851
3	Slotted profiling wheel	34350852
4	WINNER polishing wheel	402885
5	WINNER polishing wheel	402886
6	WINNER polishing wheel	402887

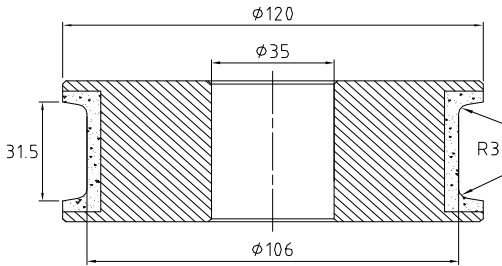
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile T - 30 r3

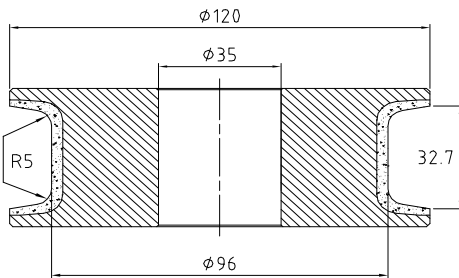


Ø 120mm



0	Segmented profiling wheel	34047097
1	Slotted profiling wheel	34351282
2	Slotted profiling wheel	34351283
3	Slotted profiling wheel	34351284
4	WINNER polishing wheel	402885
5	WINNER polishing wheel	402886
6	WINNER polishing wheel	402887

Profile T - 30 r5

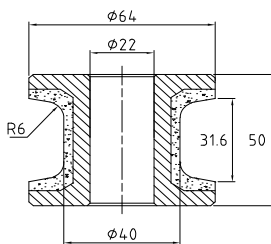


Ø 120mm



0	Segmented profiling wheel	669886
1	Slotted profiling wheel	669887
2	Slotted profiling wheel	669889
3	Slotted profiling wheel	669890
4	WINNER polishing wheel	440414
5	WINNER polishing wheel	440415
6	WINNER polishing wheel	440416

Profile T - 30 r6



Ø 58mm - *** Bore 22mm



0	Segmented profiling wheel	34425270
1	Slotted profiling wheel	34422932
2	Slotted profiling wheel	34422933
3	Slotted profiling wheel	34422934
4	WINNER polishing wheel	34432249
5	WINNER polishing wheel	34432250
6	WINNER polishing wheel	34432281

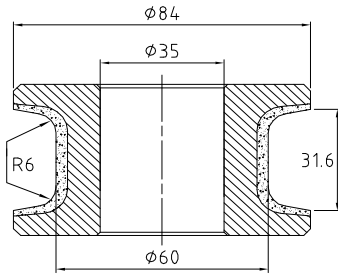
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile T - 30 r6

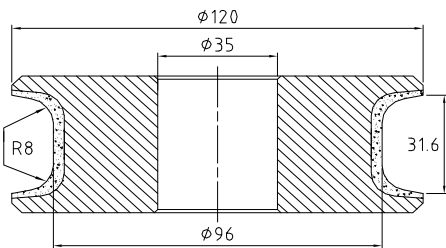


Ø 80mm



0	Segmented profiling wheel	34203447
1	Slotted profiling wheel	34041419
2	Slotted profiling wheel	34041420
3	Slotted profiling wheel	34041431
4	WINNER polishing wheel	498579
5	WINNER polishing wheel	498581
6	WINNER polishing wheel	498583

Profile T - 30 r8

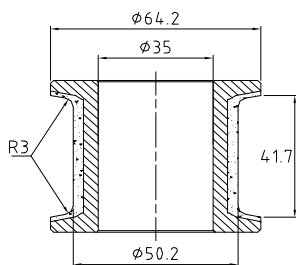


Ø 120mm



0	Segmented profiling wheel	34051207
1	Slotted profiling wheel	34325927
2	Slotted profiling wheel	34325929
3	Slotted profiling wheel	34325941
4	WINNER polishing wheel	386943
5	WINNER polishing wheel	386944
6	WINNER polishing wheel	386945

Profile T - 40 r3



Ø 64mm



0	Segmented profiling wheel	537231
1	Slotted profiling wheel	34405320
2	Slotted profiling wheel	34405321
3	Slotted profiling wheel	34405322
* 4	WINNER polishing wheel	402888
* 5	WINNER polishing wheel	402889
* 6	WINNER polishing wheel	402890

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

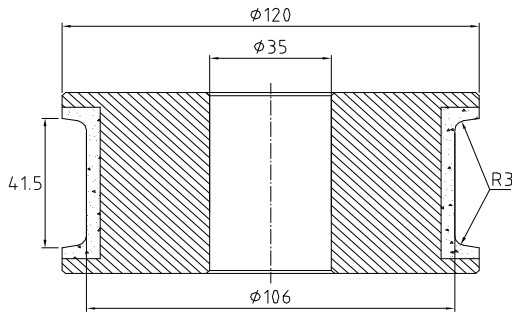
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile T - 40 r3

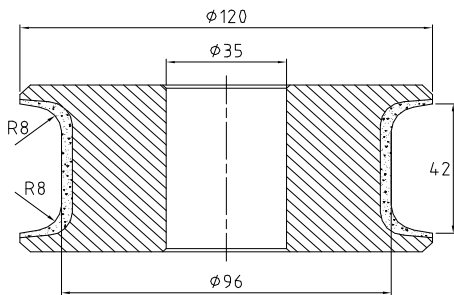


Ø 120mm



0	Segmented profiling wheel	34053958
1	Slotted profiling wheel	34421281
2	Slotted profiling wheel	34421283
3	Slotted profiling wheel	34421284
4	WINNER polishing wheel	402888
5	WINNER polishing wheel	402889
6	WINNER polishing wheel	402890

Profile T - 40 r8



Ø 120mm



0	Segmented profiling wheel	537237
1	Slotted profiling wheel	537238
2	Slotted profiling wheel	537239
3	Slotted profiling wheel	541250
4	WINNER polishing wheel	386947
5	WINNER polishing wheel	386948
6	WINNER polishing wheel	386949

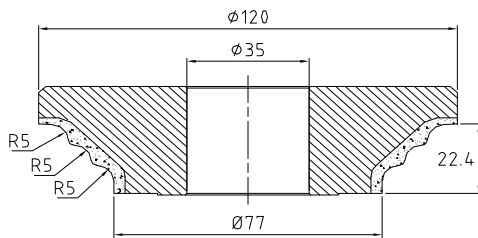
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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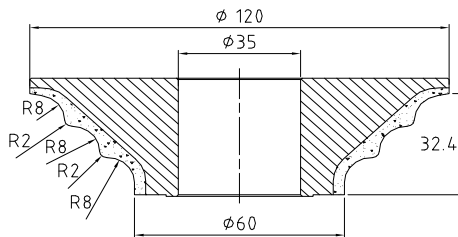
Profile TP - 20 r5 + r1,5



Ø 120mm

0	Segmented profiling wheel	480093
1	Slotted profiling wheel	537240
2	Slotted profiling wheel	537241
3	Slotted profiling wheel	541295
4	WINNER polishing wheel	402891
5	WINNER polishing wheel	402892
6	WINNER polishing wheel	402893

Profile TP - 30 r8 + r2

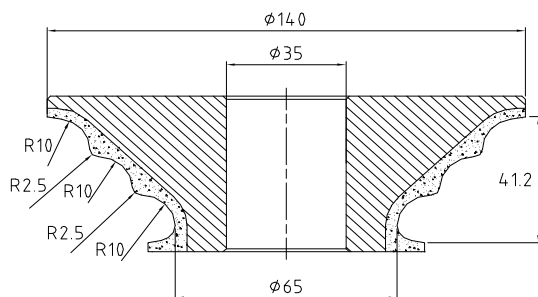


Ø 120mm



0	Segmented profiling wheel	677677
1	Slotted profiling wheel	533526
2	Slotted profiling wheel	533528
3	Slotted profiling wheel	541296
4	WINNER polishing wheel	374813
5	WINNER polishing wheel	374814
6	WINNER polishing wheel	374815

Profile TP - 40 r10 + r2,5



Ø 140mm

0	Segmented profiling wheel	480093
1	Slotted profiling wheel	537242
2	Slotted profiling wheel	537243
3	Slotted profiling wheel	541297
4	WINNER polishing wheel	402894
5	WINNER polishing wheel	402895
6	WINNER polishing wheel	402897

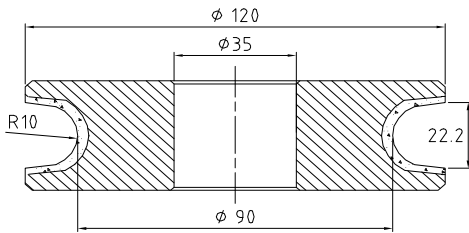
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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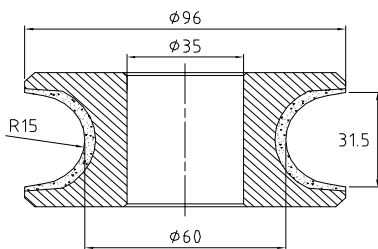
Profile V - 20



Ø 120mm

0	Segmented profiling wheel	537256
1	Slotted profiling wheel	537257
2	Slotted profiling wheel	539335
3	Slotted profiling wheel	541303
4	WINNER polishing wheel	386955
5	WINNER polishing wheel	386959
6	WINNER polishing wheel	386961

Profile V - 30

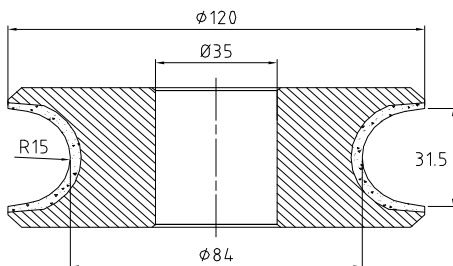


Ø 80mm



0	Segmented profiling wheel	744542
1	Slotted profiling wheel	34417106
2	Slotted profiling wheel	34417107
3	Slotted profiling wheel	34417108
4	WINNER polishing wheel	368110
5	WINNER polishing wheel	368111
6	WINNER polishing wheel	368112

Profile V - 30



Ø 120mm



0	Segmented profiling wheel	34047093
1	Slotted profiling wheel	34368151
2	Slotted profiling wheel	34368152
3	Slotted profiling wheel	34368153
4	WINNER polishing wheel	368110
5	WINNER polishing wheel	368111
6	WINNER polishing wheel	368112

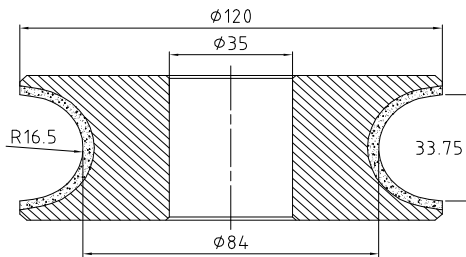
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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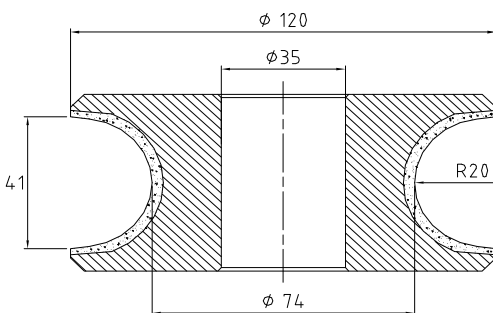
Profile V - 33



Ø 120mm

0	Segmented profiling wheel	615628
1	Slotted profiling wheel	615635
2	Slotted profiling wheel	615629
3	Slotted profiling wheel	615630
4	WINNER polishing wheel	520007
5	WINNER polishing wheel	520008
6	WINNER polishing wheel	520009

Profile V - 40

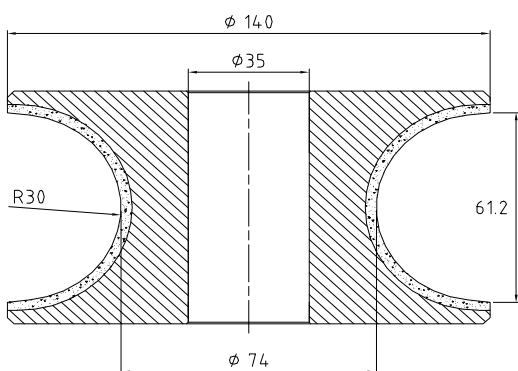


Ø 120mm



0	Segmented profiling wheel	34047095
1	Slotted profiling wheel	34415231
2	Slotted profiling wheel	34415232
3	Slotted profiling wheel	34415233
4	WINNER polishing wheel	368113
5	WINNER polishing wheel	368114
6	WINNER polishing wheel	368115

Profile V - 60



Ø 140mm



0	Segmented profiling wheel	533529
1	Slotted profiling wheel	533530
2	Slotted profiling wheel	533533
3	Slotted profiling wheel	541306
4	WINNER polishing wheel	386964
5	WINNER polishing wheel	386966
6	WINNER polishing wheel	386967

Available on request: electroplated wheels for marble and abrasive polishers

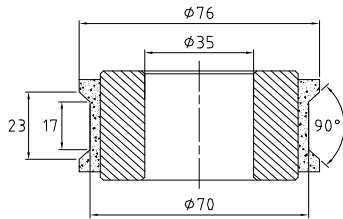
Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile X - 20

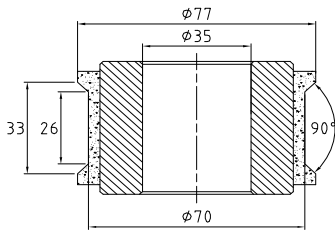
Ø 80mm



0	Segmented profiling wheel	34198697
1	Slotted profiling wheel	537263
2	Slotted profiling wheel	537264
3	Slotted profiling wheel	541308
4	WINNER polishing wheel	374816
5	WINNER polishing wheel	374817
6	WINNER polishing wheel	374819

Profile X - 30

Ø 80mm



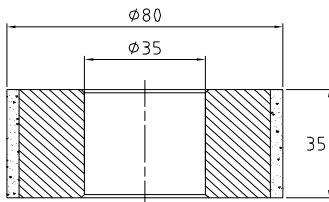
0	Segmented profiling wheel	34198768
1	Slotted profiling wheel	537266
2	Slotted profiling wheel	537267
3	Slotted profiling wheel	541310
4	WINNER polishing wheel	395799
5	WINNER polishing wheel	395800
6	WINNER polishing wheel	395801



	Description	Sysnr
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Profile Z - 35

Ø 80mm



0	Segmented profiling wheel	668290
1	Slotted profiling wheel	491742
2	Slotted profiling wheel	491744
3	Slotted profiling wheel	491747
4	WINNER polishing wheel	368116
5	WINNER polishing wheel	368117
6	WINNER polishing wheel	368118

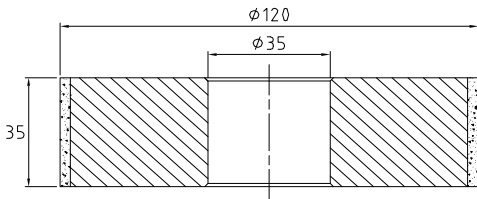
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile Z - 35

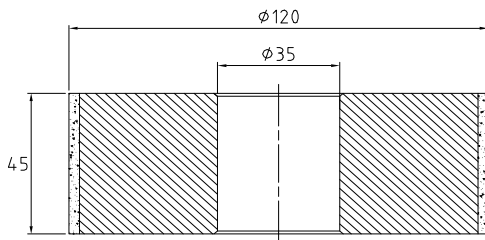


Ø 120mm



0	Segmented profiling wheel	537274
1	Slotted profiling wheel	537276
2	Slotted profiling wheel	537278
3	Slotted profiling wheel	541314
4	WINNER polishing wheel	368116
5	WINNER polishing wheel	368117
6	WINNER polishing wheel	368118

Profile Z - 45

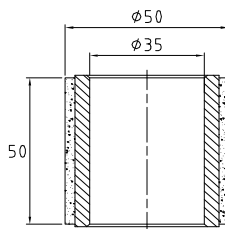


Ø 120mm



0	Segmented profiling wheel	537279
1	Slotted profiling wheel	537280
2	Slotted profiling wheel	537282
3	Slotted profiling wheel	541315
4	WINNER polishing wheel	368116
5	WINNER polishing wheel	368117
6	WINNER polishing wheel	368118

Profile Z - 50



Ø 50mm



0	Segmented profiling wheel	537283
1	Slotted profiling wheel	537284
2	Slotted profiling wheel	537285
3	Slotted profiling wheel	541316
* 4	WINNER polishing wheel	368116
* 5	WINNER polishing wheel	368117
* 6	WINNER polishing wheel	368118

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

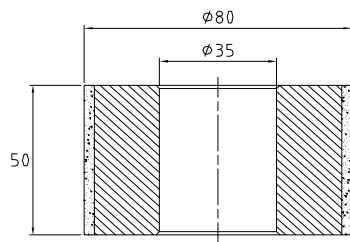
Available on request: electroplated wheels for marble and abrasive polishers

Profiling wheels for GRANITE and ENGINEERED STONE



	Description	Sysnr
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Profile Z - 50

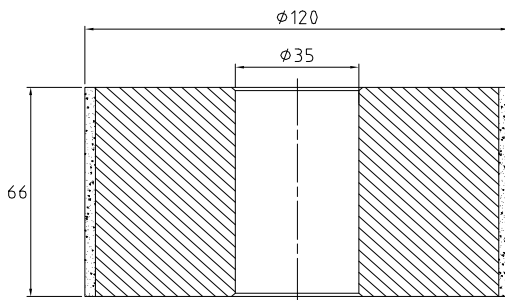


Ø 80mm



0	Segmented profiling wheel	768215
1	Slotted profiling wheel	769175
2	Slotted profiling wheel	769176
3	Slotted profiling wheel	769177
4	WINNER polishing wheel	368116
5	WINNER polishing wheel	368117
6	WINNER polishing wheel	368118

Profile Z - 66



Ø 120mm



0	Segmented profiling wheel	537286
1	Slotted profiling wheel	537287
2	Slotted profiling wheel	537288
3	Slotted profiling wheel	541317
4	WINNER polishing wheel	492139
5	WINNER polishing wheel	492140
6	WINNER polishing wheel	492141

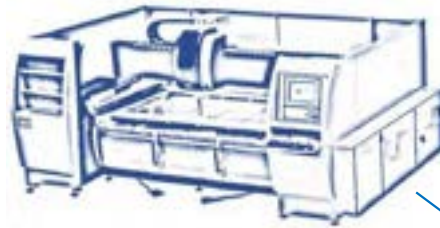
Available on request: electroplated wheels for marble and abrasive polishers

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.



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.

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.

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.

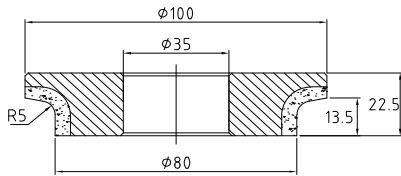
Position	Type	Feed rate	Stock removal	Spindle speed
1	Slotted profiling wheel	1 m/min - 2,5 m/mi	0,5 mm	5000-6000 rpm
2	Slotted profiling wheel	1 m/min - 2,5 m/mi	0,3 mm	5000-6000 rpm
3	Slotted profiling wheel	1 m/min - 2,5 m/mi	0,1 mm	5000-6000 rpm
5	Abrasive polishing wheel	0,8 m/min - 1,5 m/r	Dynamic 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
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Profile A - 12 r5

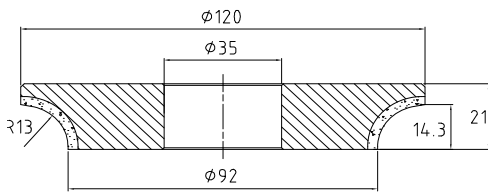


Ø 100mm Bore 35mm



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

Profile B - 12 r13

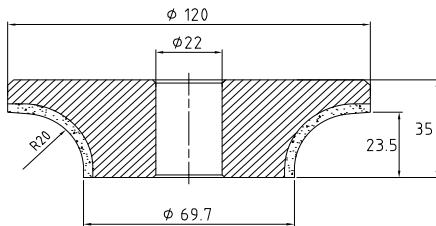


Ø 120mm Bore 35mm



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	t.b.c.

Profile B - 20 r20

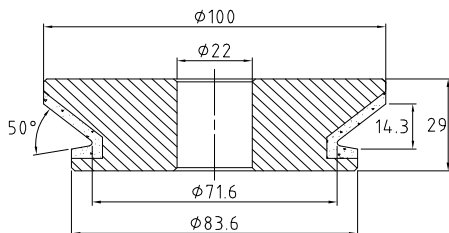


Ø 120mm Bore 22mm



1	Slotted profiling wheel	34377491
2	Slotted profiling wheel	34377492
3	Slotted profiling wheel	34377500
5	WINNER polishing wheel	400041
6	WINNER polishing wheel	400042

Profile D - 12 incl.50°



Ø 100mm Bore 22mm



1	Slotted profiling wheel	34484448
2	Slotted profiling wheel	34484449
3	Slotted profiling wheel	34484450
5	Abrasive polishing wheel	34311403
6	Abrasive polishing wheel	34311406

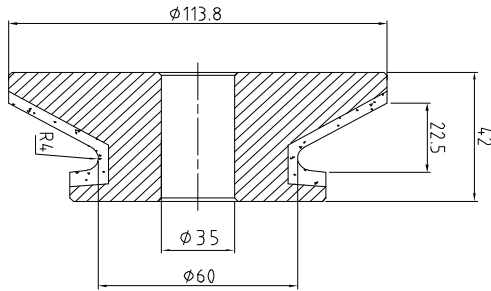
Different machine attachments or diameters available on request

Profiling wheels for TECHNICAL CERAMICS



Description	Sysnr
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Profile D - 20 incl.40°

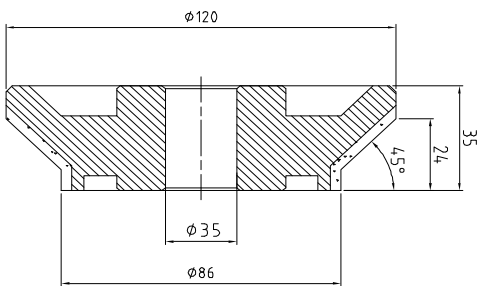


Ø 120mm Bore 35mm



1	Slotted profiling wheel	34564255
2	Slotted profiling wheel	34564257
3	Slotted profiling wheel	34564258
5	WINNER polishing wheel	34397421
6	WINNER polishing wheel	34397422

Profile E - 20

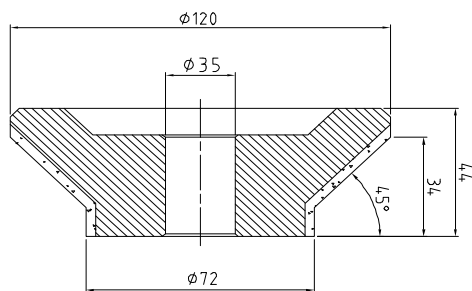


Ø 120mm Bore 22mm



1	Slotted profiling wheel	t.b.c.
2	Slotted profiling wheel	t.b.c.
3	Slotted profiling wheel	t.b.c.
5	Abrasive polishing wheel	402823
6	Abrasive polishing wheel	402824

Profile E - 30

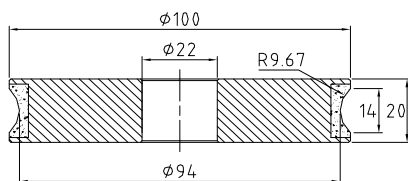


Ø 120mm Bore 35mm



1	Slotted profiling wheel	t.b.c.
2	Slotted profiling wheel	t.b.c.
3	Slotted profiling wheel	t.b.c.
5	WINNER polishing wheel	397237
6	WINNER polishing wheel	397238

Profile PE - 12 r9,6



Ø 100mm Bore 22mm



1	Slotted profiling wheel	34357514
2	Slotted profiling wheel	34357515
3	Slotted profiling wheel	34357516
5	WINNER polishing wheel	34479681
6	WINNER polishing wheel	34479682

Different machine attachments or diameters available on request

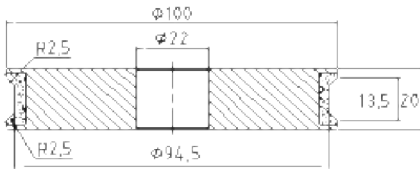
Profiling wheels for TECHNICAL CERAMICS



	Description	Sysnr
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Profile T - 12 r2,5

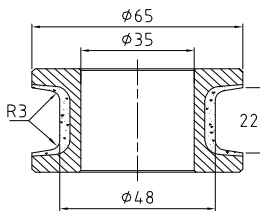
Ø 100mm Bore 22mm



1	Slotted profiling wheel	34392197
2	Slotted profiling wheel	34392198
3	Slotted profiling wheel	34392199
5	WINNER polishing wheel	34479296
6	WINNER polishing wheel	34479297

Profile T - 20 r3

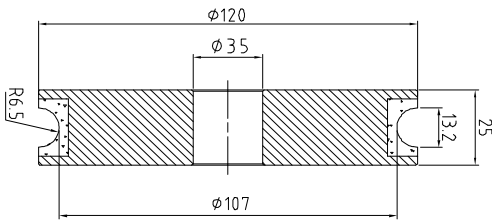
Ø 65mm Bore 35mm



1	Slotted profiling wheel	34552754
2	Slotted profiling wheel	34552755
3	Slotted profiling wheel	34552756
5	WINNER polishing wheel	405246
6	WINNER polishing wheel	405247

Profile V - 12

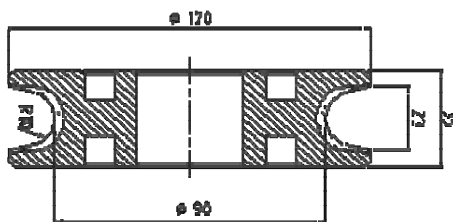
Ø 120mm Bore 35mm



1	Slotted profiling wheel	34544589
2	Slotted profiling wheel	34544590
3	Slotted profiling wheel	34544612
5	WINNER polishing wheel	t.b.c.
6	WINNER polishing wheel	t.b.c.

Profile V - 20

Ø 120mm Bore 35mm



1	Slotted profiling wheel	34544585
2	Slotted profiling wheel	34544586
3	Slotted profiling wheel	34544587
5	WINNER polishing wheel	386959
6	WINNER polishing wheel	386961

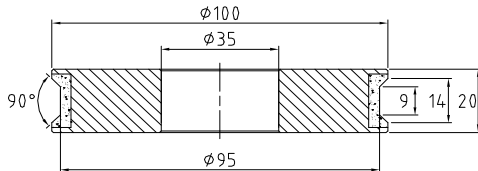
Different machine attachments or diameters available on request

Profiling wheels for TECHNICAL CERAMICS



Description	Sysnr
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Profile X - 12

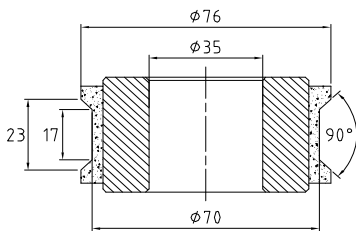


Ø 100mm Bore 35mm



1	Slotted profiling wheel	34546683
2	Slotted profiling wheel	34546684
3	Slotted profiling wheel	34546685
5	WINNER polishing wheel	500028
6	WINNER polishing wheel	500030

Profile X - 20



Ø 76mm Bore 35mm

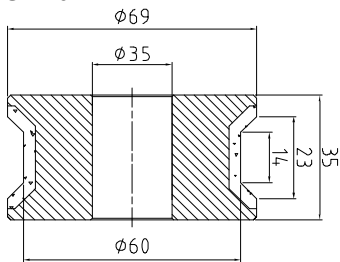


1	Slotted profiling wheel	34544184
2	Slotted profiling wheel	34544185
3	Slotted profiling wheel	34544186
5	WINNER polishing wheel	374817
6	WINNER polishing wheel	374819



Description	Sysnr
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Profile XS - 20

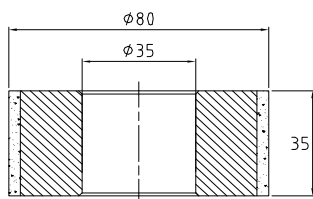


Ø 70mm Bore 35mm



1	Slotted profiling wheel	34538621
2	Slotted profiling wheel	34538622
3	Slotted profiling wheel	34538624
5	WINNER polishing wheel	34376961
6	WINNER polishing wheel	34376962

Profile Z - 20 & 30



Ø 80mm Bore 35mm



1	Slotted profiling wheel	34548904
2	Slotted profiling wheel	34548905
3	Slotted profiling wheel	34548906
5	WINNER polishing wheel	34198317
6	WINNER polishing wheel	34011445

Different machine attachments or diameters available on request

1/2" EPIC

The fastest sink tool for countertops

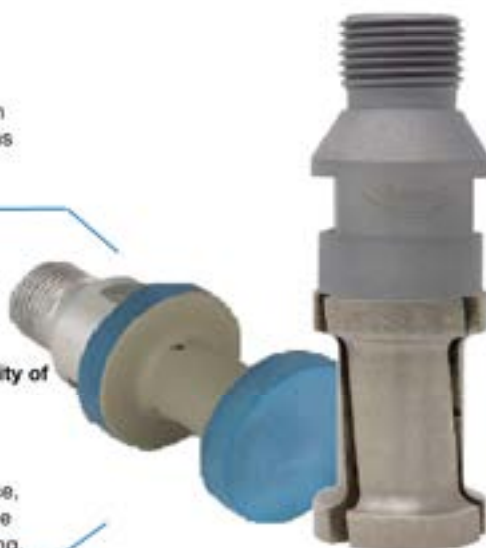
New set of tools with small diameter and half gas connection for inner and outer profiling of slabs made of natural stone, quartz agglomerate and ceramics.

Innovative geometry:

The inclined slots of the tool allow a constant contact with the slab, minimizing vibrations and chipping.

Enhanced lifetime and quality of the tools:

The hardness of the bond, constant in all the tool surface, grants an enhancement of the tool lifetime and a top finishing.



The fastest sink tool for countertops:



Versatility in use:

The 1/2" EPIC tools can be used to reach blind spots, inner bores of countertops but also for profiling the external sides.

Ultra high speed:

Due to the bond system and the revolutionized production process the 1/2" EPIC wheels can also exceed the working speed of 1,2m/minute (47 inches/minute)

Application guide for CNC profiling tools



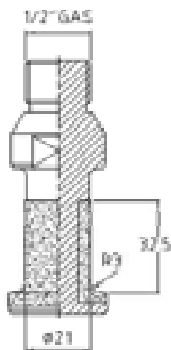
Position	Type	Feed rate	Stock removal	Spindle speed
0	Slotted profiling wheel	0,8m/min - 1,5m/min	0,8 mm	8000 rpm
1	Slotted profiling wheel	0,8m/min - 1,5m/min	0,5 mm	8000 rpm
2	Slotted profiling wheel	0,8m/min - 1,5m/min	0,3 mm	8000 rpm
3	Slotted profiling wheel	0,8m/min - 1,5m/min	0,1 mm	8000 rpm
4	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

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



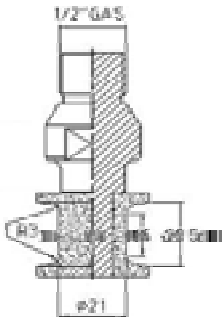
Description	Sysnr
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Profile A - 30 r3



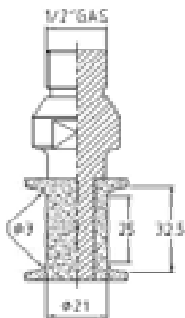
0	Segmented profiling wheel	34521196
1	Segmented profiling wheel	34521199
2	Segmented profiling wheel	34521200
3	Segmented profiling wheel	34521212
4	WINNER polishing wheel	491386
5	WINNER polishing wheel	491390
6	WINNER polishing wheel	491392

Profile T - 20 r3



0	Segmented profiling wheel	34521335
1	Segmented profiling wheel	34521336
2	Segmented profiling wheel	34521337
3	Segmented profiling wheel	34521338
4	WINNER polishing wheel	34215708
5	WINNER polishing wheel	34215709
6	WINNER polishing wheel	34215710

Profile T - 30 r3



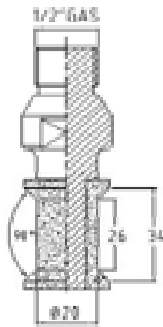
0	Segmented profiling wheel	34500269
1	Segmented profiling wheel	34500270
2	Segmented profiling wheel	34500341
3	Segmented profiling wheel	34500342
4	WINNER polishing wheel	34425083
5	WINNER polishing wheel	34425084
6	WINNER polishing wheel	34425085

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



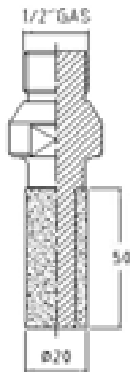
Description	Sysnr
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Profile X - 30



0	Segmented profiling wheel	34521214
1	Segmented profiling wheel	34521215
2	Segmented profiling wheel	34521217
3	Segmented profiling wheel	34521218
4	WINNER polishing wheel	482625
5	WINNER polishing wheel	482626
6	WINNER polishing wheel	482627

Profile Z - 50



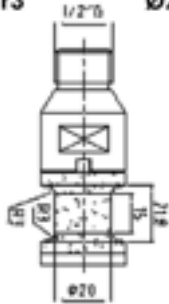
0	Segmented profiling wheel	34521266
1	Segmented profiling wheel	34521267
2	Segmented profiling wheel	34521334
3	Segmented profiling wheel	34508111
4	WINNER polishing wheel	491425
5	WINNER polishing wheel	491427
6	WINNER polishing wheel	491429

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



minimum external Ø	Description	Sysnr
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Profile T - 20 r3 Ø20mm

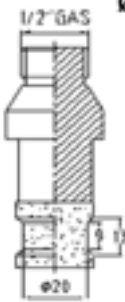


1/2"G fitting



1	Profiling router	34531143
2	Profiling router	34531145
3	Profiling router	34531146
5	WINNER polishing wheel	34215709
6	WINNER polishing wheel	34215710

Profile X - 12 Ø20mm

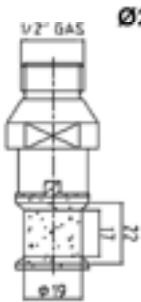


1/2"G fitting



1	Profiling router	34396510
2	Profiling router	34396511
3	Profiling router	34396513
5	WINNER polishing wheel	34485856
6	WINNER polishing wheel	34485857

Profile X - 20 Ø20mm



1/2"G fitting



1	Profiling router	34398223
2	Profiling router	34398224
3	Profiling router	34398225
5	WINNER polishing wheel	588912
6	WINNER polishing wheel	588913

Profile X - 30 Ø20mm



1/2"G fitting









1	Profiling router	34434408
2	Profiling router	34434410
3	Profiling router	34434421
5	WINNER polishing wheel	482626
6	WINNER polishing wheel	482627








OTHER
CNC TOOLS

Shaft milling cutters

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



Shaft milling cutters

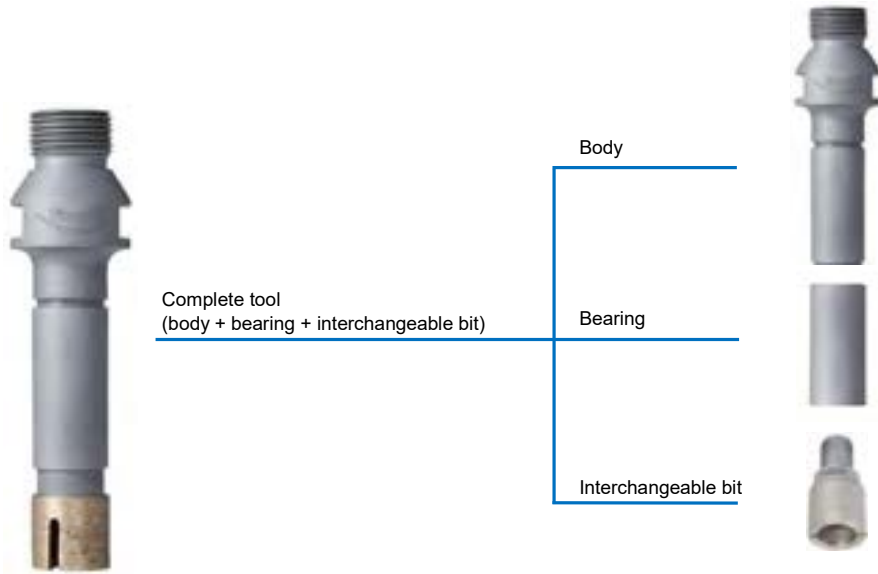
	∅	diamond length	Fitting	Grit	Spindle speed	Feed rate	Sysnr
	16mm	45mm	1/2"G	D602	5.500-6.000 rpm	250-400 mm/min	462133
	22mm	45mm	1/2"G	D602	5.000-5.500 rpm	250-400 mm/min	288043
	22mm	65mm	1/2"G	D602	5.000-5.500 rpm	250-400 mm/min	34159508
	23mm	35mm	1/2"G		5.000-5.500 rpm	200-300 mm/min	400038
	23mm	50mm	1/2"G		5.000-5.500 rpm	200-300 mm/min	34210126
	23mm	65mm	1/2"G		5.000-5.500 rpm	150-250 mm/min	34222148
	23mm	85mm	1/2"G		5.000-5.500 rpm	150-250 mm/min	365852
	23mm	25mm	1/2"G	Z3BCU	4.800-5.500 rpm	250-300 mm/min*	34214438
	23mm	50mm	1/2"G	Z3BCU	4.800-5.500 rpm	250-300 mm/min*	34012448
	16mm	25mm	1/2"G	Ceram5	5.500-6.500 rpm	200-300 mm/min*	34340628

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



Electroplated seaming wheels





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



Multiple pass milling cutters

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

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

		diamond length	Fitting	Sysnr
	Replacement bit for granite	20X20mm	M12	34012130
	Replacement bit for marble	20X20mm	M12	34012141
	Bearing Prolonged - Ø19 mm x 44,5mm			462036
	Body	46mm	1/2"G	462035
	Prolonged body (no bearing)	118mm	1/2"G	459422

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
35mm	2,2mm	55mm	1/2"G	3.000 rpm	40 mm/min	34159719



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
6mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	34290211
8mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	34289615
10mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	535643
11mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	486211
12mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	486212
14mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	486213
15mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	535644
16mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	512866
20mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	486214
21mm	1mm	55mm	1/2"G	3.000 rpm	25-30 mm/min	34184687
22mm	1mm	55mm	1/2"G	2.500 rpm	27-35 mm/min	512868
23mm	1mm	55mm	1/2"G	2.500 rpm	27-35 mm/min	535647
25mm	1mm	55mm	1/2"G	2.500 rpm	27-35 mm/min	462441
27mm	1mm	55mm	1/2"G	2.500 rpm	27-35 mm/min	535648
28mm	1mm	55mm	1/2"G	2.500 rpm	27-35 mm/min	535649
30mm	1mm	55mm	1/2"G	2.000 rpm	27-35 mm/min	462443
32mm	1mm	55mm	1/2"G	2.000 rpm	27-35 mm/min	462444
35mm	1mm	55mm	1/2"G	2.000 rpm	27-35 mm/min	462445
36mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	497946
37mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	497948
38mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	462446
40mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	462448
45mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	512873
50mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	641923
51mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	34011881
54mm	1mm	55mm	1/2"G	1.200 rpm	27-35 mm/min	34010351
60mm	1mm	55mm	1/2"G	800 rpm	25-30 mm/min	512875
62mm	1mm	55mm	1/2"G	800 rpm	25-30 mm/min	34322689
68mm	1mm	55mm	1/2"G	800 rpm	25-30 mm/min	535863
80mm	1mm	55mm	1/2"G	800 rpm	25-30 mm/min	34261970
82mm	1mm	55mm	1/2"G	800 rpm	25-30 mm/min	34322690
100mm	1mm	55mm	1/2"G	800 rpm	25-30 mm/min	34185025



Electroplated core drills for MARBLE and LIMESTONES

Other dimensions available on request

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



Core drills for TECHNICAL CERAMIC SLABS

Other dimensions available on request



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

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
5mm	55mm	1/2"G	6.200 rpm	15 mm/min	631794
6mm	55mm	1/2"G	6.200 rpm	15 mm/min	403074
7mm	55mm	1/2"G	5.800 rpm	20 mm/min	34005890
8mm	55mm	1/2"G	5.800 rpm	20 mm/min	403075
10mm	55mm	1/2"G	5.800 rpm	20 mm/min	526865
11mm	55mm	1/2"G	5.500 rpm	15 mm/min	486210
12mm	55mm	1/2"G	5.500 rpm	15 mm/min	34013420
14mm	55mm	1/2"G	5.500 rpm	15 mm/min	484102
5mm	55mm	10 mm diameter shaft	6.200 rpm	15 mm/min	557355
6mm	55mm	10 mm diameter shaft	6.200 rpm	15 mm/min	34013421
7mm	55mm	10 mm diameter shaft	5.800 rpm	20 mm/min	34013422
8mm	55mm	10 mm diameter shaft	5.800 rpm	20 mm/min	487268
10mm	55mm	10 mm diameter shaft	5.800 rpm	20 mm/min	526863
11mm	55mm	10 mm diameter shaft	5.500 rpm	15 mm/min	493583
12mm	55mm	10 mm diameter shaft	5.500 rpm	15 mm/min	526864
14mm	55mm	10 mm diameter shaft	5.500 rpm	15 mm/min	522720


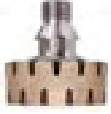

High speed Calibrating / Stubbing wheels



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	
							
		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
						Diamond wheel only	34363397
						Only 1/2"G fitting with screws	34391409
							
		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
						Diamond wheel only	34357681
						Only 1/2"G fitting with screws	81014975
							
		Ø 90mm	Stubbing wheels for GRANITE and ENGINEERED STONE				
BEST SELLER							
Very long life: Class leading 10mm thick diamond band means optimum life.							
90mm	30mm	Bore: 20mm (4 + 4 holes)	5.000 rpm	400 mm/min	1-3 mm		
						Complete tool	34058413
						Diamond wheel only	34052986
						Only 1/2"G fitting with screws	81014978
							
		Ø 100mm	Stubbing wheels for GRANITE and ENGINEERED STONE				
Very long life: Class leading 10mm thick diamond band means optimum life.							
100mm	30mm	Bore: 50mm (3 + 3 holes)	5.000 rpm	400 mm/min	2-4 mm		
						Complete tool	34228532
						Diamond wheel only	34228531
						Only 1/2"G fitting with screws	81014975

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						-		
Diamond wheel only						34357680		
Only 1/2"G fitting with screws						81014975		
		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		
Diamond wheel only						34376163		
Only 1/2"G fitting with screws						34391409		

Calibrating / Stubbing wheels for GRANITE and ENGINEERED STONE

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

Calibrating / Stubbing wheels for MARBLE and LIMESTONES

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

Stubbing wheels for TECHNICAL CERAMICS
















Ø 12,5mm

Small radius tool for flash fitting top and incremental cutting




Diameter	Working length	Fitting	Spindle speed	Feed rate	Stock removal	Sysnr
8mm	12mm	1/2"G	5.500 rpm	100-200 mm/min	0,5 mm	34474832
12,5mm	12mm	1/2"G	4.500 rpm	150-300 mm/min	0,5 mm	34408605
12,5mm	20mm	1/2"G	4.500 rpm	150-300 mm/min	0,5 mm	34476406

Recessed drainboard wheels for GRANITE and ENGINEERED STONE 45° inclination



Positions								
1	2	3	4	5	6	7	8	9
Stubbing	Recessed drainboard wheels		Recessed drainboard polishing wheels					
High speed*	Inclined top processing		Flat polishing					
								
Standard*			Inclined edge polishing					
								

* First position is any stubbing wheel

Recessed drainboard wheels

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

Recessed drainboard polishing wheels

	Diameter	Grit	Spindle speed	Feed rate	Sysnr	Sysnr
	Flat polishing				Snail fitting	Magnetic fitting
	100mm	50	1.200 rpm	4.000 mm/min		34012971
	100mm	100	1.200 rpm	4.000 mm/min		34012972
	100mm	200	1.200 rpm	4.000 mm/min	34393728	34012905
	100mm	500	1.200 rpm	4.000 mm/min	34393729	34012906
	100mm	1000	1.200 rpm	4.000 mm/min	34393730	34012907
	100mm	2000	1.200 rpm	4.000 mm/min	34039243	34012908
	100mm	3000	1.200 rpm	4.000 mm/min	34393751	34012909
	100mm	dark buff	1.000-1.200 rpm	3.500 mm/min	475638	394184
	45° inclination				Bore 35mm	
	100mm	500	1.000-1.200 rpm	3.500 mm/min	400033	
	100mm	1000	1.000-1.200 rpm	3.500 mm/min	400035	
	100mm	2000	1.000-1.200 rpm	3.500 mm/min	400036	

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
1	5 mm	2,5 mm	15 mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	34338467
1	6 mm	3 mm	15 mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	364670
1	10 mm	5 mm	10 mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	298086
1	12 mm	6 mm	20 mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	762562
1	15 mm	7,5 mm	20 mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	298087
1	20 mm	10 mm	20 mm	1/2" G	M9	4.000-6.000 rpm	200-500 mm/min	298088



Multiple pass grooving router sets

Set of wheels for 12mm

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

Set of wheels for 15mm

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

Set of wheels for 20mm

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

Drainboard grooving routers and wheels for GRANITE and ENGINEERED STONE



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

Writing bits

	Fitting	Spindle speed	Feed rate	Sysnr
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Mushroom	Sintered bits	Ø 15 x 13 mm R6	6mm	6.000 rpm	100-200 mm/min	472215
Cylinder	Sintered bits	Ø 15 x 13 mm	6mm	6.000 rpm	100-200 mm/min	472213
Conical	Sintered bits	Ø 15 - 13 mm	6mm	6.000 rpm	100-200 mm/min	472216
Trapezoidal	Sintered bits	Ø 15 x 13 mm	6mm	6.000 rpm	100-200 mm/min	472214
Cylinder	Sintered bits	Ø 10 - 30 mm	6mm	6.000 rpm	100-200 mm/min	472217





20 piece set (selection of shapes)

6mm	6.000 rpm	100-300 mm/min	34017793
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Writing bits

		Fitting	Spindle speed	Feed rate	Sysnr
	Bas-relief bits - Universal	1/2"G	7.000 rpm	100 mm/min	437424
	Bas-relief bits - Widia, radius= 5mm with water flow	1/2"G	7.000 rpm	100 mm/min	588405
	Bas-relief bits - Widia, radius= 3mm with water flow	1/2"G	7.000 rpm	100 mm/min	437428
Universal	Widia				
Widia - angle 60°		10mm	6.000 rpm	100 - 200 mm/min	650227
Widia - angle 90°		10mm	6.000 rpm	100 - 200 mm/min	569290
PCD - angle 60°		10mm	6.000 rpm	100 - 200 mm/min	361731
PCD - angle 90°		10mm	6.000 rpm	100 - 200 mm/min	285638

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

Abrasive sticks



		Grit	Sysnr
Abrasive sticks	200X50X10	150	34217115
Abrasive sticks	150X25X15	150	34217113
Abrasive sticks	150X20X10	300	34217114

Adapters and fittings



531608



301421



377591



301422

	Sysnr
Bore reduction 35mm / 30mm	531608
Bore reduction 35mm / 22mm (Bavelloni)	301421
Adapter 1/2'G Thickness -20mm	377591
Adapter / Washer Thickness 5mm	301422





TOOLS FOR
PORTABLE MACHINES

Wet and dry cutting saw blades for portable machines



Turbo with lateral supports



Electroplated blade



Continuous band



Continuous band DCT***

NEW

	Diameter	Fitting	Spec	Application	Synr
Turbo with lateral supports	115mm	Bore 22,2mm	DR	hard stone	34074590
Turbo with lateral supports	115mm	Flanged M14	DR	hard stone	34059103
Turbo with lateral supports	125mm	Bore 22,2mm	DR	hard stone	613026
Turbo with lateral supports	125mm	Flanged M14	DR	hard stone	628808
Turbo with lateral supports	150mm	Flanged M14	DR	hard stone	34007823
Turbo with lateral supports	230mm	Bore 22,2mm	DR	hard stone	628809
Turbo with lateral supports	230mm	Flanged 22,2mm	DR	hard stone	728517
Turbo with lateral supports	230mm	Flanged M14	DR	hard stone	34077361
Electroplated blade	125mm	Flanged M14	DREL	Marble	34012212
Electroplated blade	150mm	Flanged M14	DREL	Marble	34012224
Electroplated blade	180mm	Flanged M14	DREL	Marble	34012748
Electroplated blade	230mm	Flanged 22,2mm	DREL	Marble	34012223

CERAM

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

Wet and dry cutting saw blades PREMIUM



707365



34558346

NEW

	Diameter	Fitting	WxH	Application	Synr
C3W - TGD® technology	230mm	Bore 22,23mm	2,4x14	hard stone	707365
Electroplated DREL-FULL	115mm	Flanged M14	2,2x10	Universal	34558346
Electroplated DREL-FULL	125mm	Flanged M14	1,8x10	Universal	34527172
Electroplated DREL-FULL	230mm	Flanged M14	2,5x20	Universal	34557541

CERAM

Wet and dry grinding cups and polishing pads for portable machines






Grinding wheel - metal bond

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



PREMIUM***
Grinding wheel - resin bond - Universal



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

Wet and dry grinding cups and polishing pads for portable machines



PREMIUM*** - RONDELLER®
Grinding wheel - Universal



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



ULTRA polishing pads - Universal



	Dimensions	Fitting	Spec	Grit	Pieces per box	Sysnr
ULTRA DRY polishing	100x3mm	20mm	U.DRY	50	5	34130304
	100x3mm	20mm	U.DRY	100	5	34130310
	100x3mm	20mm	U.DRY	200	5	34136071
	100x3mm	20mm	U.DRY	400	5	34136072
	100x3mm	20mm	U.DRY	800	5	34136073
	100x3mm	20mm	U.DRY	1500	5	34136074
	100x3mm	20mm	U.DRY	3000	5	34136076
	100x3mm	20mm	U.DRY	BUFF	5	34136077
	100x3mm	20mm	U.DRY	1 SET - 8 PADS		34136078
ULTRA WET polishing	100x3mm	20mm	U.WET	50	5	34186853
	100x3mm	20mm	U.WET	100	5	34186855
	100x3mm	20mm	U.WET	200	5	34186856
	100x3mm	20mm	U.WET	400	5	34186857
	100x3mm	20mm	U.WET	800	5	34186858
	100x3mm	20mm	U.WET	1500	5	34186859
	100x3mm	20mm	U.WET	3000	5	34186860
	100x3mm	20mm	U.WET	BUFF	5	34186861
	100x3mm	20mm	U.WET	1 SET - 8 PADS		34186862

Blind hole drills



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



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

Core drills



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



Ø (External)	Working length	Fitting	Sysnr
20mm	45mm	M14	69769
38mm	45mm	M14	69768
52mm	45mm	M14	69767
65mm	45mm	M14	69766
75mm	45mm	M14	51392

Hand Pads



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



Dimensions	Grit / color	Type	Pcs per box	Sysnr
100x60x30	50 / Green	metal bond	5 Pieces per box	34462323
100x60x30	100 / Black	metal bond	5 Pieces per box	34451529
100x60x30	200 / Red	metal bond	5 Pieces per box	34451532
100x60x30	400 / Yellow	metal bond	5 Pieces per box	34451534
100x60x30	800 / White	metal bond	5 Pieces per box	34451535
100x60x30	800 / Orange	resin bond	5 Pieces per box	34462324
100x60x30	1500 / Blue	resin bond	5 Pieces per box	34462325
100x60x30	3000 / Purple	resin bond	5 Pieces per box	34462326



A close-up photograph of a large industrial machine tool, likely a straight line edge machine, with a blue overlay containing the text 'STRAIGHT LINE EDGE MACHINE TOOLING'. The machine features a long, horizontal metal structure with several vertical supports and a red component on the left. The background is a blurred industrial setting.

STRAIGHT LINE EDGE
MACHINE TOOLING

Straight line edge machine tooling for GRANITE and ENGINEERED STONE



Calibrating wheel

Diameter	Fitting	Grit	Sysnr
190mm	50mm	M8	34205048
250mm	50mm	M8	34205049
260mm	50mm	M8	34205047



Chamfer/Bevelling wheels

Diameter	Fitting	Grit	Sysnr
155mm	50mm	M78	300592
150mm	50mm	80BN	34349956

Generating wheels



943077



300555 - 34348676 - 34007976



300553 - 300554
377215 - 300570



356408 - 34332750



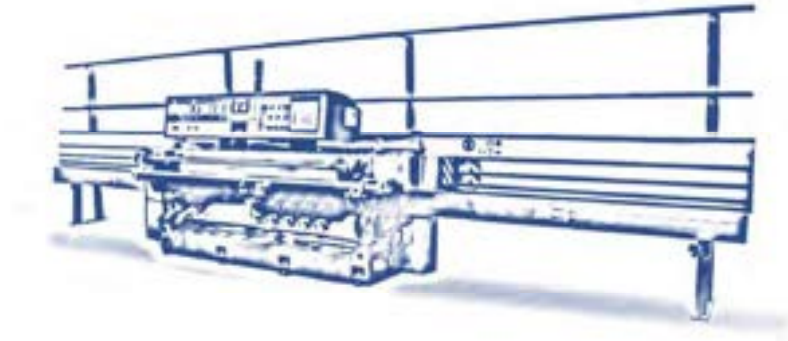
Diameter	Fitting	Grit	Sysnr
120mm x 30mm - reinforced wheel	40mm	M9	943077
120mm x 34mm	M18	M9	300555
130mm x 47,5mm	M30	M9	300554
130mm x 47,5mm	Snail fitting	M8	356408



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. Vincent 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:

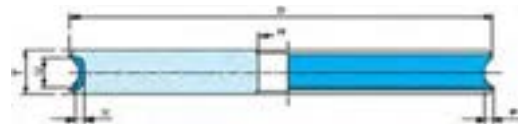
metal bond cup wheels

Ø (External)	Band
150 / 175 mm	
	<ul style="list-style-type: none"> 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	
	<ul style="list-style-type: none"> 16 slots semi-segments continuous band

Profiling wheels



Ø (External)	T X U P H







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
350mm	360mm	Standard	40mm	3,2mm	15mm	60/50mm	1500-1900 rpm	GT2-EVO	34470052
		Silent	40mm	3,2mm	15mm	60/50mm	1500-1900 rpm	GT2-EVO	34470051
400mm	410mm	Standard	40mm	3,2mm	15mm	60/50mm	1300-1650 rpm	GT2-EVO	34470053
		Silent	40mm	3,2mm	15mm	60/50mm	1300-1650 rpm	GT2-EVO	34448405
450mm	470mm	Standard	40mm	3,6mm	15mm	60/50mm	1150-1450 rpm	GT2-EVO	34470054
		Silent	40mm	3,6mm	15mm	60/50mm	1150-1450 rpm	GT2-EVO	34457317
500mm	520mm	Standard	40mm	3,6mm	15mm	60/50mm	1050-1350 rpm	GT2-EVO	34470055
		Silent	40mm	3,6mm	15mm	60/50mm	1050-1350 rpm	GT2-EVO	34446927

Segmented blades for MARBLE and LIMESTONES

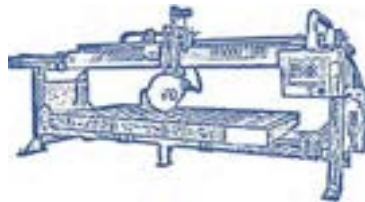
This blade guarantees easy cutting and good finish on low and high powered bridge saws and mansories. It's recommended for low and medium abrasive marble and limestone, working . Biancone, Botticino, Comblanchien, Jura, Nero Marquina, Rosso alicante, Rosso Verona, Galala, Marfil, Perlato and Trani are 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
300mm	304mm	Standard	40mm	3,2mm	7mm	60/50mm	2550-3150 rpm	M0LCR	734108
		Silent	40mm	3,2mm	7mm	60/50mm	2550-3150 rpm	M0LCR	734109
350mm	354mm	Standard	40mm	3,2mm	7mm	60/50mm	2200-2700 rpm	M0LCR	34054080
	360mm	Silent Turbo	42mm	3,2mm	10mm	60/50mm	2200-2700 rpm	M0LCR	709399
400mm	404mm	Standard	40mm	3,6mm	7mm	60/50mm	1900-2350 rpm	M0LCR	34058899
	410mm	Silent Turbo	42mm	3,6mm	10mm	60/50mm	1900-2350 rpm	M0LCR	672884
450mm	454mm	Standard	40mm	4,5mm	7mm	60/50mm	1700-2100 rpm	M0LCR	34058854
	460mm	Silent Turbo	42mm	4,0mm	10mm	60/50mm	1700-2100 rpm	M0LCR	34222398
500mm	504mm	Standard	40mm	4,5mm	7mm	60/50mm	1550-1900 rpm	M0LCR	34161127
	510mm	Silent Turbo	42mm	4,0mm	10mm	60/50mm	1550-1900 rpm	M0LCR	34190556

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.



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.

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.

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.



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
350mm	Standard	10mm	60/50mm	1800-2000	0,8-1,4 m/min	CERAM-Y	34420112
400mm	Standard	10mm	60/50mm	1600-1750	0,8-1,4 m/min	CERAM-Y	34420113
450mm	Standard	10mm	60/50mm	1400-1550	0,8-1,4 m/min	CERAM-Y	34418833
500mm	Standard	10mm	60/50mm	1300-1400	0,8-1,4 m/min	CERAM-Y	34420114

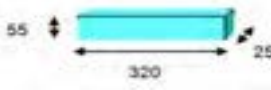
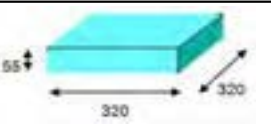
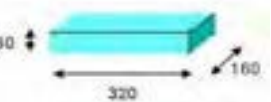
* 40% reduction of the speed rate is always suggested when entering and exiting the material.

* 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
	55x25x320	497322
	55x320x320	484672
	160x30x320	484627

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56895	79	368108	33	386948	42	402876	37	465603	32
67966	68	368109	33	386949	42	402877	37	465604	32
69766	81	368110	44	386955	44	402878	37	472213	73
69767	81	368111	44	386959	44, 52	402885	39, 40	472214	73
69768	81	368112	44	386961	44, 52	402886	39, 40	472215	73
69769	81	368113	45	386964	45	402887	39, 40	472216	73
69833	81	368114	45	386966	45	402888	41, 42	472217	73
69848	81	368115	45	386967	45	402889	41, 42	475638	70
69855	81	368116	46,47,48	393503	31	402890	41, 42	479553	64
69856	81	368117	46,47,48	393505	31	402891	43	479554	68
69860	81	368118	46,47,48	393506	31	402892	43	480093	14, 43
83585	79	374795	21	393820	26	402893	43	482625	56
89383	79	374796	21	393821	26	402894	43	482626	56, 57
189952	70	374798	21	393822	26	402895	43	482627	56, 57
189954	70	374799	25, 26	394184	70	402897	43	484102	65
242579	68	374800	25, 26	395799	46	403074	65	484627	93
285638	74	374801	25, 26	395800	46	403075	65	484672	93
288043	61	374802	30	395801	46	405245	38	486176	72
298086	71	374803	30	397235	27	405246	38, 52	486210	65
298087	71	374804	30	397237	27, 51	405247	38, 52	486211	63
298088	71	374805	29	397238	27, 51	410027	18, 19	486212	63
300554	85	374807	29	399591	15	410028	18, 19	486213	63
300555	85	374808	29	400033	70	410029	18, 19	486214	63
300592	85	374809	35	400035	70	410377	36	487091	29
301418	68	374810	35	400036	70	410378	36	487092	29
301421	75	374812	35	400038	61	410383	36	487093	29
301422	75	374813	43	400040	25	424846	79	487268	65
310980	79	374814	43	400041	25, 50	437424	74	490196	14
310992	79	374815	43	400042	25, 50	437428	74	491386	55
310993	79	374816	46	402813	18	440414	40	491390	55
310994	79	374817	46, 53	402814	18	440415	40	491392	55
310995	79	374819	46, 53	402815	18	440416	40	491425	56
314463	79	377591	75	402816	25	458773	24	491427	56
317307	79	377925	32	402817	25	458774	24	491429	56
318070	79	377926	32	402818	25	458775	24	491727	72
320074	79	377927	32	402819	27	459422	62	491742	46
320075	79	382678	31	402820	27	461476	24	491744	46
321211	79	382680	31	402821	27	461478	24	491747	46
326214	79	382683	31	402823	51	461480	24	492139	48
333774	74	386926	28	402824	51	462030	62	492140	48
336499	79	386927	28	402825	30	462035	62	492141	48
342092	72	386928	28	402828	30	462036	62	493583	65
356408	85	386929	33	402829	30	462133	61	495783	26
361731	74	386930	33	402830	31	462144	15	495784	26
362752	72	386931	33	402831	31	462189	69	495786	26
362903	60	386934	34	402832	31	462190	69	497322	93
364670	71	386936	34	402839	34	462191	69	497946	63
365852	61	386937	34	402840	34	462192	69	497948	63
368100	19, 20	386940	34	402841	34	462441	63	498579	41
368101	19, 20	386941	34	402848	35	462443	63	498581	41
368102	19, 20	386942	34	402850	35	462444	63	498583	41
368103	21	386943	41	402851	35	462445	63	500028	53
368104	21	386944	41	402864	35	462446	63	500030	53
368105	21	386945	41	402865	35	462448	63	512866	63

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520008	45	534064	32	537287	48	553403	79	658357	23
520009	45	534066	32	537288	48	554719	24	658359	23
522720	65	534071	33	539335	44	554720	24	667137	29
526518	22	534074	34	539356	33	554721	24	667143	29
526519	22	534076	34	539358	33	554722	24	667144	29
526520	22	534080	34	539360	33	555109	90	667145	29
526863	65	534081	34	541176	18	557355	65	668290	46
526864	65	534084	34	541182	21	564862	68	668292	21
526865	65	534086	34	541183	24	569290	74	668293	25
530515	26	534142	34	541186	25	570397	14	669886	40
530516	26	534144	34	541187	26	582700	20	669887	40
530517	26	534146	34	541189	26	582701	20	669889	40
531608	75	534155	35	541196	27	582702	20	669890	40
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533529	45	534161	36	541202	31	588912	57	674637	15
533530	45	534162	36	541207	31	588913	57	676791	78
533533	45	534165	36	541208	32	602385	36	677677	43
533535	18	534321	37	541210	32	602407	36	682242	64
533536	18	534322	37	541214	34	602410	36	697711	36
533537	18	534324	37	541215	34	602414	36	697712	36
533551	21	534995	68	541218	34	602424	36	697713	36
533552	21	535643	63	541221	35	602427	36	707365	78
533553	21	535644	63	541229	36	602441	36	709399	90
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533983	27	537240	43	541316	47	621026	37	762567	71
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533986	27	537242	43	543785	32	621029	37	762569	71
533987	28	537243	43	543787	32	628808	78	764012	15
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534039	31	537276	47	543848	18	640239	24	908220	80
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34008608	74	34051226	26	34186862	80	34322689	63	34377500	50
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34011881	63	34053959	18	34198768	46	34325941	41	34392198	52
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34011965	68	34055889	90	34203447	41	34327356	64	34393015	14
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34011969	64	34058854	90	34205048	85	34338467	71	34393728	70
34012064	72	34059103	78	34205049	85	34339989	64	34393729	70
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34012130	62	34074590	78	34205136	60	34349956	85	34393751	70
34012141	62	34077361	78	34205137	60	34350830	39	34396510	57
34012212	78	34130304	80	34205138	60	34350851	39	34396511	57
34012223	78	34130310	80	34205520	60	34350852	39	34396513	57
34012224	78	34136071	80	34209994	60	34351282	40	34397400	27
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34012905	70	34136076	80	34210075	14	34355471	15	34397602	39
34012906	70	34136077	80	34210126	61	34357514	51	34397603	39
34012907	70	34136078	80	34214438	61	34357515	51	34398223	57
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34012909	70	34159719	63	34215709	55, 57	34357680	67	34398225	57
34012946	61	34159924	28	34215710	55, 57	34357681	66	34398390	67
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34012971	70	34161139	28	34216931	29, 30	34363193	38	34398886	27
34012972	70	34161143	28	34216932	29, 30	34363194	38	34398887	27
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34013420	65	34163460	36	34217114	75	34363397	66	34402943	29
34013421	65	34163482	36	34217115	75	34363399	66	34402944	29
34013422	65	34163483	36	34222148	61	34364554	78	34402945	29
34017793	73	34164957	28	34222398	90	34368151	44	34403261	22
34019617	60	34164958	28	34228531	66	34368152	44	34403263	22
34026765	15	34164960	28	34228532	66	34368153	44	34403265	22
34039243	70	34164981	28	34228533	72	34369283	24	34405300	30
34041173	71	34165374	20	34237525	20	34369652	23	34405309	30
34041174	71	34165376	20	34238113	72	34369653	23	34405320	41
34041175	71	34165377	20	34238115	72	34369655	23	34405321	41
34041419	41	34168854	28	34239769	22	34371958	50	34405322	41
34041420	41	34168855	28	34241437	39	34371960	50	34405341	30
34041431	41	34168856	28	34241446	39	34371971	50	34406513	35
34044148	31	34180357	64	34241447	39	34372484	23	34406514	35
34047093	44	34180358	64	34241448	39	34372486	38	34406515	35
34047095	45	34180877	19	34251696	30	34375441	23	34407747	14
34047096	39	34184687	63	34259315	29	34375442	23	34408605	69
34047097	40	34185025	63	34261970	63	34375443	23	34409073	22
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VINCENT SRL a socio unico

Via dell'Elettronica, 6 | 36016 THIENE (VI) | Italy

Tel: +390445359911 Fax: +39 0445 370842

E-mail: info@vincent.tools | Web: www.vincent.it