

vendo

# Quality Tools from Germany



Our team at VENA is a manufacturer and supplier of diamond tools and machines since 1990. Modern and innovative production technologies guarantee to meet the high expectations of our international customers.

We are able to address individual requirements and we are pleased to offer our experience as a reliable partner assisting you and your company.  
It is our task to provide our customers with steadily increasing quality of the highest standards.

You can rely on a competent and very motivated team here at VENA.  
Our very well managed and vast stock creates the foundation for responsive and successful business relationships

Yours VENA - Team

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Saturdays  
by agreement  
in case of urgency  
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## Explanations:



Only use the tool with water. Please ensure an adequate cooling during the burning process. Clean cooling water is a precondition for durable functioning of the tool. The cooling water protects the tool overheating, as well as ensures the removal of the crushed stone. It is necessary to guarantee adequate, environmental fair pickup and disposal of the cooling water.

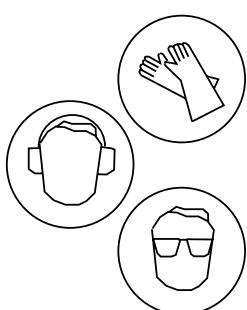


To use dry without water. An use of circular saw blades in a dry cutting process is allowed only by sintered or welded cutting elements and from diameter 500mm on no longer recommended.

EN 13236

All tools are manufactured according to the principles of the European Norm 13236. Pay attention to the label on the circular saw blade, with:

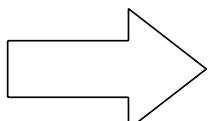
- VENA-Logo (manufacturer)
- use restrictions
- working speed. [m/s]
- traceability code
- max. admissible speed [1/min]
- dimensions (outside-Ø / centre bore)
- declaration of conformity (EN 13236)
- direction of rotation



According to regulations of the machine manufacturers protective clothing must be worn and necessary safety precautions must be taken. Circular saw blades without noise-reduced core reached a noise level of 92 - 105 dB (specified by the manufacturer). A reduction up to 82 dB (specified by the manufacturer) is with noise reduced core possible. In any case, hearing protection while working is necessary.



The Diamond blade should only be used for the specified purposes of use (use restrictions) and corresponding to the specific material. Canting, roughing or not straight cuttings agents shall desist.



The direction of rotation is indicated on the tool by an arrow and must coincide with rotation direction of the machine.

## Disposal

Diamond tools without segments or cutting layer can be taken without further ado to the metal recycling or back to VENA Diamond Tools for re-tipping. Diamond tools with segments or cutting layer apply to special waste and must be treated with respect.





# vena

All tools with our VENA guarantee of origin - MADE IN GERMANY - are manufactured in Germany and lay claim to the usual high quality standards through superior performance. The tools featuring this logo are an indication of a high quality and reliable production process.



Competitive quality enables flexible and fast use of safe and reliable products without compromise. Our requirements in quality and claim are the guarantee for tools that satisfy the standards of customers in all respects. MADE IN EUROPE is a recommended alternative of rational and economic orientation.



This VENA tool has a noise reduction technology and is standard for industrial manufacturing processes. A reduction of approximately 20% up to 82dB (specified by the manufacturer) is possible with silenced cores. The noise reduction results from cores of multilayer compounds or synthetic fillings in the introduced laser slots.



The laser weld method is the most robust and heat resistant technology to fix diamond segments on the core. This excellent and estimated technology allows for some tools, the application without water and increased reliability and durability.

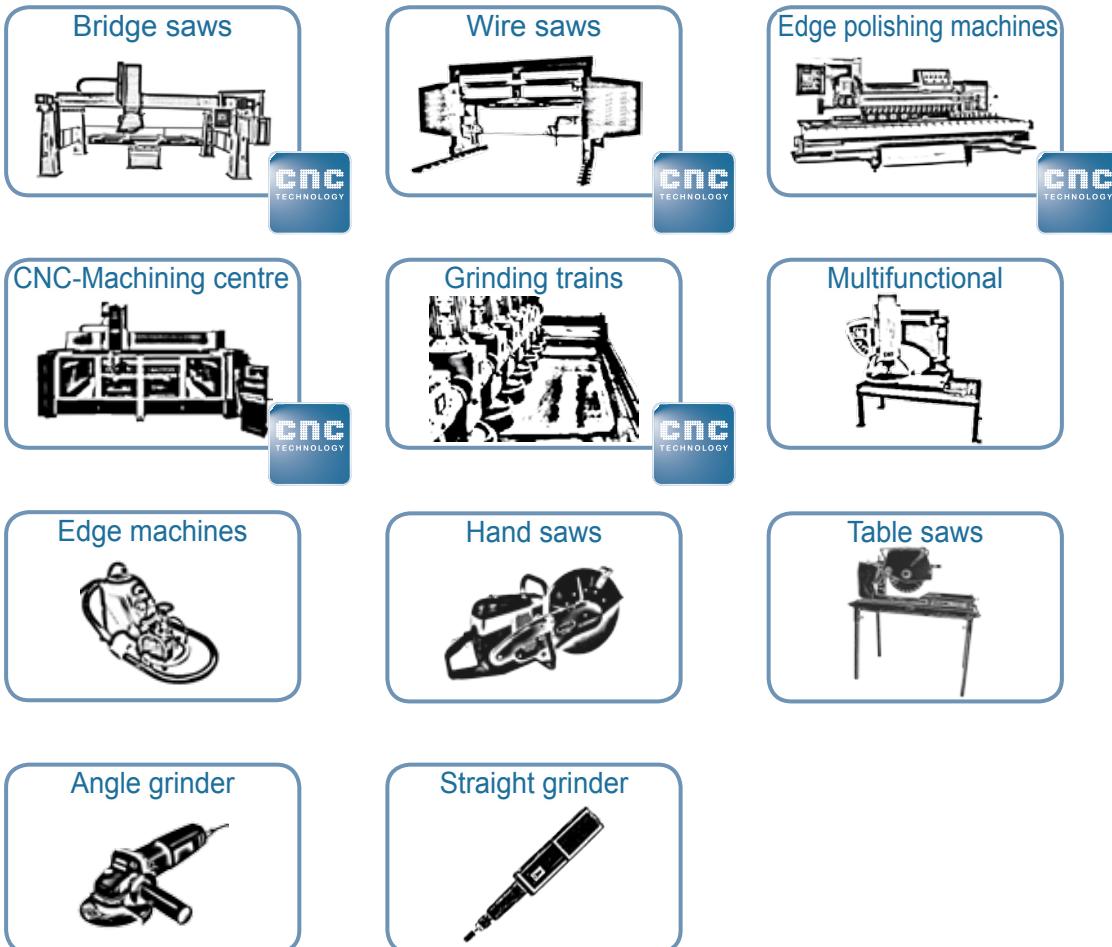


In modern operations the production process with computer-controlled systems, as a rule. This technology is to be handled only with high efficiency and precision tools. All the tools with the CNC VENA logo are in production and precision ideal and proven, especially for processes with CNC machines .



A responsible approach to the environment, the nature and the us-given resources is an obligation. As spearhead in technology, developers and manufacturers with an high competence and years of experience we would like to inform our customers on environmentally conscious use of resources and help to decline profit throwaway mentality. All the tools with VENA's THINK GREEN signs can be re-tipped resource friendly. And we use carefully selected environmentally-friendly production materials.





The pictograms give a quick and easy overview about the field of application of the described tool. Of course, it is possible that selected products can also be used on other not-shown machines. We like to give a precise information in a personal consultation. All tool dimensions indicated in millimeters [mm].



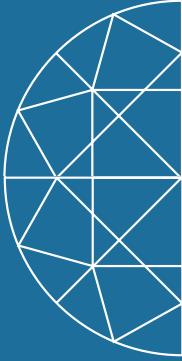
- M** - Marble [incl. Onyx]
- L** - Limestone [incl. Sandstone <90% quartz]
- G** - Granite [incl. Porphyry, Gneiss, Quartzite, Basalt]
- E** - Engineered stone
- C** - Ceramic
- A** - Sandstone [incl. >90% quartz]
- T** - Travertine
- S** - Slate
- K** - Soapstone
- H** - Concrete

On every tool table you can find the material indicator which shows the application variety of each tool.



<b>M - 5</b>	<b>Marble working (Softstone / Travertine / Limestone)</b>	<b>MLT</b>						
<ul style="list-style-type: none"> <li>● problem solver for marble hard to work</li> <li>● for crystalline- &amp; fine-grained marble</li> <li>● narrow slotted circular saw blade</li> <li>● brazed sandwich segments</li> </ul>	<ul style="list-style-type: none"> <li>● with silent core</li> <li>● excellent cutting precision</li> <li>● clean cutting edges</li> <li>● tool with high process efficiency</li> </ul>							
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Position</th> <th>LxWxH</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>00 0 1 2 3</td> <td>40x2,8x8 40x5,0x10</td> <td>T-M5-025-XX-A T-M5-072-XX-A</td> </tr> </tbody> </table>	Position	LxWxH	Code	00 0 1 2 3	40x2,8x8 40x5,0x10	T-M5-025-XX-A T-M5-072-XX-A		
Position	LxWxH	Code						
00 0 1 2 3	40x2,8x8 40x5,0x10	T-M5-025-XX-A T-M5-072-XX-A						

- 00** - very coarse - very aggressive grinding
- 0** - coarse - aggressive grinding
- 1** - medium grain - smoothing
- 2** - fine grain - fine smoothing
- 3** - very fine grain - very fine smoothing



## M - 5



### Marble working (Softstone / Travertine / Limestone)

**MLT**

- problem solver for marble hard to work
- for cristallin- & fine-grained marble
- narrow slotted circular saw blade
- brazed sandwich segments
- with silent core
- excellent cutting precision
- clean cutting edges
- tool with high process efficiency

Ø	Segments	LxWxH	Code
250	17	40x2,8x8	T-M5-025-XX-A
300	21	40x3,0x8	T-M5-030-XX-A
350	25	40x3,0x8	T-M5-035-XX-A
400	28	40x3,3x8	T-M5-040-XX-A
450	32	40x3,8x8	T-M5-045-XX-A
500	36	40x3,8x8	T-M5-050-XX-A
600	42	40x4,6x10	T-M5-060-XX-A
700	40	40x5,0x10	T-M5-070-XX-A
725	40	40x5,0x10	T-M5-072-XX-A
800	46	40x5,5x10	T-M5-080-XX-A

Range of application: Table saws, Crosscut saws and Bridge saws.

Peripheral speed: 30 - 50m/s. Please specify XX=centre bore in the part number



**BL - 6**

**Limestone working (Arduin / Petit Granite / Hardsteen)**
**L**

- circular saw blade for limestone
- brazed sandwich segments
- with silent core
- excellent cutting precision
- clean cutting edges
- tool with high process efficiency

<b>Ø</b>	<b>Segments</b>	<b>LxWxH</b>	<b>Code</b>
300	21	40x3,0x10	T-BL-030-XX-A
350	25	40x3,0x10	T-BL-035-XX-A
400	28	40x3,3x10	T-BL-040-XX-A
450	32	40x3,8x10	T-BL-045-XX-A
500	36	40x3,8x10	T-BL-050-XX-A
600	36	40x4,6x10	T-BL-060-XX-A
600	42	40x4,6x10	T-BL-060-XX-B
625	42	40x4,6x10	T-BL-065-XX-A
700	40	40x5,0x10	T-BL-070-XX-A
725	40	40x5,0x10	T-BL-072-XX-A
800	46	40x5,5x10	T-BL-080-XX-A
900	64	24x7,0x10	T-BL-090-XX-A
1000	70	24x7,5x10	T-BL-100-XX-A
1100	74	24x7,2/8,2x12	T-BL-110-XX-A
1200	80	24x7,8/8,8x12	T-BL-120-XX-A
1300	88	24x7,8/8,8x12	T-BL-130-XX-A
1400	92	24x7,8/8,8x12	T-BL-140-XX-A
1500	100	24x8,5/9,5x12	T-BL-150-XX-A
1600	108	24x8,5/9,5x12	T-BL-160-XX-A

Range of application: **Table saws, Crosscut saws and Bridge saws.**

Peripheral speed: 40 - 55m/s. Please specify XX=centre bore in the part number





## BL - 6K



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### Limestone working (Arduin / Petit Granite / Hardsteen)



- circular saw blade with special performance
- brazed sandwich segments
- with silent core
- high cutting speed
- short-tooth technology
- high working capacity

Ø	Segments	LxWxH	Code
300	36	20x3,0x10	T-BK-030-XX-A
350	42	20x3,0x10	T-BK-034-XX-A
400	48	20x3,3x10	T-BK-040-XX-A
450	52	20x3,8x10	T-BK-045-XX-A
500	60	20x3,8x10	T-BK-050-XX-A
600	72	20x4,6x10	T-BK-060-XX-A
625	72	20x4,6x10	T-BK-062-XX-A
700	80	20x5,0x10	T-BK-070-XX-A
725	80	20x5,0x10	T-BK-072-XX-A
800	92	20x5,5x10	T-BK-080-XX-A

Range of application: Table saws, crosscut saws and bridge saws.

Peripheral speed: 35 - 50m/s. Please specify XX=centre bore in the part number



## MG



MADE  
IN  
GERMANY

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Think GREEN

CNC  
TECHNOLOGY

### Universal marble & granite working



- narrow slotted circular saw blade
- brazed sandwich segments
- with silent core
- for universal use (marble / limestone / granite)
- high cost efficiency
- wide field of application

Ø	Segments	LxWxH	Code
200	24	20x2,8x10	T-MG-020-XX-A
250	30	20x2,8x10	T-MG-025-XX-A
300	21	40x3,0x10	T-MG-030-XX-A
350	25	40x3,0x10	T-MG-035-XX-A
400	28	40x3,3x10	T-MG-040-XX-A
450	32	40x3,8x10	T-MG-045-XX-A
500	36	40x3,8x10	T-MG-050-XX-A
600	36	40x4,6x10	T-MG-060-XX-A

Range of application: Table saws, crosscut saws and bridge saws.

Peripheral speed: 30 - 50m/s. Please specify XX=centre bore in the part number



**G -55**
**Granite & engineered stone**

- short-tooth technology
- brazed sandwich segments
- with silent core


**G E**

- excellent cutting precision
- clean cutting edges
- high working capacity

<b>Ø</b>	<b>Segments</b>	<b>LxWxH</b>	<b>Code</b>
400	38	24x3,4x10	T-GQ-040-XX-B
400	38	24x3,4x20	T-GQ-040-XX-A
450	45	20x3,8x10	T-GQ-045-XX-B
450	45	20x3,8x20	T-GQ-045-XX-A
500	50	20x3,8x10	T-GQ-050-XX-B
500	50	20x3,8x20	T-GQ-050-XX-A
600	60	20x4,6x10	T-GQ-060-XX-B
600	60	20x4,6x20	T-GQ-060-XX-A
700	80	20x5,0x20	T-GQ-070-XX-A
800	88	20x5,5x20	T-GQ-080-XX-A
1000	70	24x6/7x20	T-GQ-100-XX-A
1200	80	24x7/8x20	T-GQ-120-XX-A

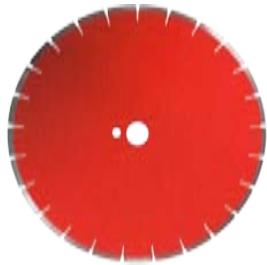
- G-553** - soft, for weak and small machines  
**G-555** - mid, for good cutting ability-lifetime ratio  
**G-557** - hard, for powerful machines

Type	Granite	Engineered stone	Feed rate [m/min]	Infeed [cm]	Power [kW]
<b>G-553</b>	● ● ●	● ●	2,5 -- 4,5	2 -- 5	10 - 18
<b>G-555</b>	● ● ●	● ● ●	2,5 -- 4,5	2 -- 6	13 - 25
<b>G-557</b>	● ● ●	●	3,0 -- 4,0	2 -- 4	17 - 30

Range of application: Multi blade saws, table saws, crosscut saws and bridge saws.

Peripheral speed: 25 - 35m/s. Please specify XX=centre bore in the part number





## SA - 50



### Medium & coarse sandstone working

A

- narrow slotted circular saw blade
- with silent core
- brazed sandwich segments
- tool with high cost efficiency

Ø	Segments	LxWxH	Code
300	21	40x3,0x10	T-SA-030-XX-A
350	25	40x3,0x10	T-SA-035-XX-A
400	28	40x3,3x10	T-SA-040-XX-A
450	32	40x3,8x10	T-SA-045-XX-A
500	30	40x3,8x10	T-SA-050-XX-A
600	36	40x4,6x10	T-SA-060-XX-A
800	46	40x6,5x10	T-SA-080-XX-A
900	64	24x7,0x10	T-SA-090-XX-A
1000	70	24x7,5x10	T-SA-100-XX-A
1200	80	24x8,0x10	T-SA-120-XX-A

Range of application: Table saws, crosscut saws and bridge saws.

Peripheral speed: 40 - 50m/s. Please specify XX=centre bore in the part number



## SP - 9



### Soapstone working

K

- wide slotted circular saw blade
- with silent core
- brazed sandwich segments
- high working capacity

Ø	Segments	LxWxH	Code
300	18	40x3,0x10	T-OP-030-XX-A
350	21	40x3,0x10	T-OP-035-XX-A
400	24	40x3,3x10	T-OP-040-XX-A
450	28	40x3,8x10	T-OP-045-XX-A
500	30	40x3,8x10	T-OP-050-XX-A
600	36	40x4,6x10	T-OP-060-XX-A
800	46	40x5,5x10	T-OP-080-XX-A
900	64	24x7,0x10	T-OP-090-XX-A
1000	70	24x7,5x10	T-OP-100-XX-A
1200	80	24x8,0x10	T-OP-120-XX-A

Range of application: Table saws, crosscut saws and bridge saws.

Peripheral speed: 40 - 50m/s. Please specify XX=centre bore in the part number





## MTR



### Dekton® & ceramics working

- Circular saw blade with special performance
- special segment arrangement - continuous rim
- with silent core and brazed segments
- excellent cutting precision
- clean cutting edges
- tool with high process efficiency

Ø	Segments	LxWxH	Code
300	--	2,5x8	T-MR-030-XX-A
350	--	3,0x8	T-MR-035-XX-A
400	--	3,0x8	T-MR-040-XX-A
450	--	3,2x8	T-MR-045-XX-A

The MTR Circular saw blade is homologated & recommended by Cosentino for cutting the ultracompact surface DEKTON. The original Cosentino homologation sheet for the MTR circular saw blade see below.

Type	DEKTON	Ceramics	feed rate [m/min]	Infeed [cm]	Power [kW]
MTR	● ● ●	● ● ●	0,8 -- 2,5	2 -- 4	10 - 25

Range of application: Table saws, crosscut saws and bridge saws.

Peripheral speed: 35 - 49m/s. Please specify XX=centre bore in the part number



#### SECTION 1: BLADE CUTTER OR SIMILAR

**TYPE OF WORK:** Cutting.

**MACHINERY:** Blade cutter or similar.

**TOOL:** Blade..

#### SUPPLIER DETAILS

PROVEEDOR : Vena

LOGO:



CUTTING EDGE TECHNOLOGY

SALES CONTACTS:

Joseph Navarro (English, Spanish, German)

j.navarro@vena-d.de

Phone: +49 (0) 2737 982166

#### TOOL DETAILS

##### REFERENCE:

- 300 mm, bore 60 mm, segment 8 mm. Order n°: T0302017
- 350 mm, bore 60 mm, segment 8 mm. Order n°: T0352017
- 400 mm, bore 60 mm, segment 8 mm. Order n°: T0402017

##### OBSERVACIONES:

It can be provided any size and type of center bore and external diameter.

Please indicate center bore and drive pin holes.



#### RECOMMENDATIONS AND CONDITIONS

##### CONDITIONS:

- A cutting speed of 1.1-1.3 m/min is recommended for all diameters. When frequency converter is available, 2300-2500 r.p.m. are recommended for 300 mm diameter blade, 2000-2200 r.p.m. for 350 mm and 1700-1900 r.p.m. for 400 mm.
- If there is no frequency converter it is necessary to adjust the speed depending on the type of machine or change the blade diameter to achieve optimal cutting quality.
- For large diameter blades (larger than 400 mm), take precaution with their vibration. In this case, lock washers are recommended.
- High volumes of cooling water pointing in the direction of the blade are necessary.

##### OBSERVATIONS

- This tool gives a high quality cutting result. The yield in linear meters is high.

##### PRIOR TO STARTING WORK

- The blade should be in good condition. The cutting table should be solid and robust. It must be perfectly leveled and flat (the quality can be improved by using a rubber or wood surface to buffer the blade vibrations).
- Check that the bench surface where the slab is going to placed is in good condition [i.e. that it is not covered in cuts in any one area, which might lead to the material moving].
- If a special machine is available, in which cutting can be carried out while immersed in water, do the work in these conditions, as it can increase the speed, quality as well as the performance of the blade in general.





## HNG

### Horizontal section

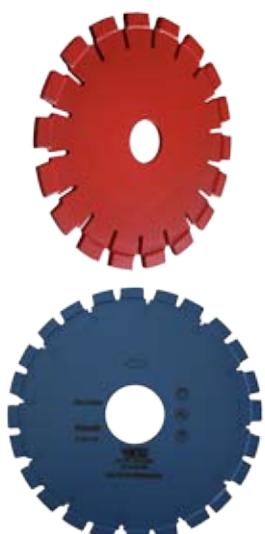


M L G E A

Ø	Segments	LxWxH	Code
300	21	40x4,6x10	T-HG-030-XX-A
350	21	40x4,6x10	T-HG-035-XX-A
400	24	40x4,6x10	T-HG-040-XX-A
450	26	40x4,6x10	T-HG-045-XX-A

Range of application: Mid and powerful stationary machines.

Peripheral speed: 25 - 35m/s. Please specify XX=centre bore in the part number



## AKS

### Notching saw



G E

Ø	Segments	LxWxH	Code
210	22	20x3,3x10	T-AK-021-XX-A
260	24	20x3,3x10	T-AK-026-XX-A

Range of application: Mid and powerful CNC-machining centre.

Peripheral speed: 25 - 35m/s. Please specify XX=centre bore in the part number



**GA/M**

**MLT**
**Marble working**

- electroplated circular saw blade
- core protective lining

Ø	LxWxH	Code
115	2,0x5	T-GA-011-XX-A
125	2,0x5	T-GA-012-XX-A
150	2,0x5	T-GA-015-XX-A
180	2,0x5	T-GA-018-XX-A
230	2,5x5	T-GA-023-XX-A
300	2,5x5	T-GA-030-XX-A
350	3,0x5	T-GA-035-XX-A



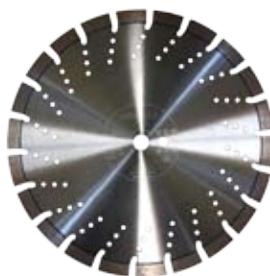
Range of application: **Angle grinder and table saws.** Mounting conventionally using bore 22,2mm or with flange M14, M16. **Please specify XX=mounting in the part number**

**Star 17**

**MLTGS  
AKCEH**
**Natural stone • granite • densely sandstone • slate  
hard pottery • concrete • reinforced concrete**

- laser welded circular saw blade
- with special forge segments
- powerful feed rate & high lifetime
- clean cutting edges
- for precise, low-vibration cutting
- for high performance on portable machines

Ø	Segments	LxWxH	Code
115	8	43x2,4x13	T-SR-011-XX-A
125	9	41x2,4x13	T-SR-012-XX-A
150	11	41x2,4x13	T-SR-015-XX-A
180	13	41x2,4x13	T-SR-018-XX-A
230	15	45x2,8x17	T-SR-023-XX-A
300	19	43x2,8x17	T-SR-030-XX-A
350	22	43x3,0x17	T-SR-035-XX-A



Range of application: **Angle grinder, cut-off saws, table saws.** Mounting conventionally using bore Ø20mm, Ø22,2mm, Ø25,4mm, Ø30mm or with flange (máx. Ø230mm) M14, M16  
Peripheral speed: **80m/s.** **Please specify XX=centre bore in the part number**



## NTT - RH



L G E

### Granite working



Ø	WxH	Code
115	2,0x10	T-NT-011-XX-A
125	2,2x10	T-NT-012-XX-A
180	2,4x10	T-NT-018-XX-A
230	2,6x10	T-NT-023-XX-A
300	3,0x10	T-NT-030-XX-A
350	3,2x10	T-NT-035-XX-A

Range of application: Angle grinder and table saws. Mounting conventionally using bore 22,2mm or with flange M14, M16. Please specify XX=mouting in the part number

## TN



M L T G E A

### Curved circular blade



Ø	WxH	Code
115	3,5x10	T-TN-011-XX-A
125	3,5x10	T-TN-012-XX-A
150	3,5x10	T-TN-015-XX-A
180	3,5x10	T-TN-018-XX-A
230	3,5x10	T-TN-023-XX-A

Range of application: Angle grinder. Mounting conventionally using bore 22,2mm or with Flange M14, M16. Please specify XX=mouting in the part number

## TST



M L G S A C E H

### Rough grinding and cutting



Ø	WxH	Code
105	2,7x8	T-ST-010-A
125	2,8x8	T-ST-012-A
230	3,0x8	T-ST-023-A

Range of application: Angle grinder.



**TSG**

**Rough grinding and cutting**
**M L A T S K**

- for marble and Limestone
- especially 30mm wide electropol. lining
- with flange M14
- continuous rim
- flexibly applicable tool

Ø	WxH	Code
115	--	T-SG-011-A
125	--	T-SG-012-A
230	--	T-SG-023-A

Range of application: Angle grinder.



## Accessories


**Flanges for circular blades until Ø230mm**

Type	Code	Type	Code
Brass Ø39,0mm; M14 - 4xM4	Z-FL-01	Aluminium Ø65,0mm M14 - 6xM5	Z-FL-07
Brass Ø39,0mm; M10 - 4xM4	Z-FL-02	Steel Ø65,0mm M14 - 6xM5	Z-FL-08
Brass Ø39,0mm; 5/8" - 4xM4	Z-FL-03	Aluminium Ø79,0mm M14 - 6xM5	Z-FL-09
Steel Ø39,0mm M14 - 4xM4	Z-FL-04	Steel Ø79,0mm M14 - 6xM5	Z-FL-10
Aluminium Ø49,0mm M14 - 4xM5	Z-FL-05	Alum. Ø98,0mm Ø22,2m - 8xM5	Z-FL-11
Steel Ø49,0mm M14 - 4xM5	Z-FL-06		



Range of application: Angle grinder.



Dressing stone for dia. blades &amp; drilling bits 250 x 150 x 30: ● Z-RS-LA





## Re-tipping of Circular saw blades

Retipping is a resource-saving, cost-efficient and productive way to renew your circular blade. After detailed technical review in compliance with EN 13236, it is possible and economical to re-tip worn cores with new diamond segments.

Due to the economic efficiency aspects only circular blades with a diameter of 500mm are re-tipped. Exceptions for special tools are possible.

### M - 5

Marble

Ø	Segm.	LxWxH	Code
500	36	40x3,8x8	T-M5-050W-A
600	42	40x4,6x10	T-M5-060W-A
700	40	40x5,0x10	T-M5-070W-A
725	40	40x5,0x10	T-M5-072W-A
800	46	40x5,5x10	T-M5-080W-A

### BL - 6K

Limestone

Ø	Segm.	LxWxH	Code
500	60	20x3,8x10	T-BK-050W-A
600	72	20x4,6x10	T-BK-060W-A
625	72	20x4,6x10	T-BK-062W-A
700	80	20x5,0x10	T-BK-070W-A
725	80	20x5,0x10	T-BK-072W-A
800	92	20x5,5x10	T-BK-080W-A

### BL - 6

Limestone

L

Ø	Segm.	LxWxH	Code
500	36	40x3,8x10	T-BL-050W-A
600	36	40x4,6x10	T-BL-060W-A
600	42	40x4,6x10	T-BL-060W-B
625	42	40x4,6x10	T-BL-062W-A
700	40	40x5,0x10	T-BL-070W-A
725	40	40x5,0x10	T-BL-072W-A
800	46	40x5,5x10	T-BL-080W-A
900	64	24x7,0x10	T-BL-090W-A
1000	70	24x7,0x10	T-BL-100W-A
1100	74	24x7/8x12	T-BL-110W-A
1200	80	24x8/9x12	T-BL-120W-A
1300	88	a. Anfr.	T-BL-130W-A
1400	92	a. Anfr.	T-BL-140W-A
1500	100	a. Anfr.	T-BL-150W-A
1600	108	a. Anfr.	T-BL-160W-A

### MG

Marble / Granite

MLTG

Ø	Segm.	LxWxH	Code
500	36	40x4,4x10	T-MG-050W-A
600	36	40x4,6x10	T-MG-060W-A
600	42	40x4,6x10	T-MG-060W-B

### SA - 50

Sandstone

A

Ø	Segm.	LxWxH	Code
500	30	40x3,8x10	T-SA-050W-A
600	36	40x4,6x10	T-SA-060W-A
800	38	40x6,5x10	T-SA-080W-A
900	64	24x7,0x10	T-SA-090W-A
1000	70	24x7,5x10	T-SA-100W-A
1200	80	24x8,0x10	T-SA-120W-A

**GST**
**Block sawing - granite Ø 1600 - 3500mm**
**L G**


- brazed sandwich segments
- segments in conical shape

- silent core version up to Ø2700mm
- re-tipping service

Ø	Segments	LxWxH	Code
1600	104	24x9,0/9,5x12 24x9,0/9,5x20	T-GT-160-XX-B T-GT-160-XX-A
2000	128	24x10,5/11,0x12 24x10,5/11,0x20	T-GT-200-XX-B T-GT-200-XX-A
2500	140	24x11,5/12,5x12 24x11,5/12,5x20	T-GT-250-XX-B T-GT-250-XX-A
2700	140	24x11,5/12,5x12 24x11,5/12,5x20	T-GT-270-XX-B T-GT-270-XX-A
3000	160	24x11,5/12,5x12 24x11,5/12,5x20	T-GT-300-XX-B T-GT-300-XX-A
3500	180	24x12,5/13,5x12 24x12,5/13,5x20	T-GT-350-XX-B T-GT-350-XX-A

Please specify XX=centre bore in the part number

**Re-tipping:**

We come to re-tip your circular blade with new VENA-segments, promptly and without diameter limit. We will be responsible for desoldering the old segments, brazing the new segments and straightening and tensioning your blade.

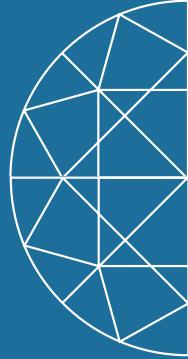

**Up to 3500mm as new tool or as re-tipping.**

Circular saw blade type G-GST for granite machining on block saws for optimal performance. VENA segments for block sawing guarantee a high material removal rate in order to achieve high productivity and high lifetime. Up to Ø2700mm even in silent core version available (Detenso).



The conical sandwich segments minimize friction and abrasion of the segment flanks.





## S-NP

### Wire for contour saw



MLTG

- high performance wire
- two different variants (standard or finer finish)
- very high tensile strength
- special wires on request

Material	Beads/m	Bead-Ø	Code
Granite	40	8,5mm	H-1P-08-40-X
Granite	40	11mm	H-1P-11-40-X
Marble	30	8,5mm	H-3P-08-30-X
Marble	30	11mm	H-3P-11-30-X

Variants:

**S-NP** - Standard version **Please set S instead of X in the part number.**

**S-NPW** - Soft version (finer surface) **Please set W instead of X in the part number**



Sintered diamond wire for contour saw. The bead-Ø is 8,5mm or 11mm. The amount of the wire beads depends on cutting speed and machine power.

Wire type SNP: an allround-wire for standard applications. Soft type, S-NPW: for fine and smooth surfaces.

Both types are ideal for use on small and medium-sized machines, also for machines suitable with small drive and return rollers. Spacers, made of wear resistant synthetic material, facilitate the fixation of the beads on the wire. The VENA Diamond wire is available endless, open (with or without lock) or closed (pressed or spliced).



Sintered Diamond wire for block cutting machines. The bead-Ø is 8,5mm or 11mm. The amount of the wire beads depends on cutting speed and machine power.

Spacers, made of wear resistant synthetic material, facilitate the fixation of the beads on the wire. The VENA Diamond wire is available endless, open (with or without lock) or closed (pressed or spliced).



## S-NB



### Wire for block cutting machines

**MLTG**

- high performance wire
- very high tensile strength

Material	Beads/m	Beads-Ø	Code
Granite	35	8,5mm	H-1B-08-35-X
Granite	35	11mm	H-1B-11-35-X
Marble	30	8,5mm	H-3B-08-30-X
Marble	30	11mm	H-3B-11-30-X
Travertine	35	8,5mm	H-5B-08-35-X
Travertine	35	11mm	H-5B-11-35-X

Variants:

The wire will be adapted to the machine and to your requirements. Various versions allow a large range of variants.



## Accessories

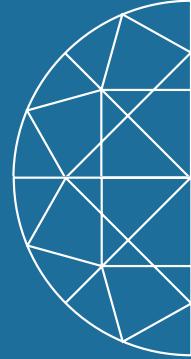


### Connectors for wire

- made of high tensile strength steel
- durable, flexible and robust

Type	for Wire	Code
Compression connector with stopper	8,5mm & 11mm	Z-VH-01
Screw connector	8,5mm & 11mm	Z-VH-02
Hinge connector	8,5mm & 11mm	Z-VH-03
Splicing	8,5mm & 11mm	Z-VH-04





## GR-34

### Drilling bits



**M L T G S A K E H**

- segments with roof shape
- brazed version
- quick and easy spot drilling
- clean cutting edges & high drilling performance
- tool with high process efficiency
- wide field of application & high cost effectiveness

Ø	LxWxH	Code	Ø	LxWxH	Code	Ø	LxWxH	Code
52	12x3,5x9	B-3-052-XXX	112	12x3,5x9	B-3-112-XXX	187	12x4,0x9	B-3-187-XXX
57	12x3,5x9	B-3-057-XXX	122	12x3,5x9	B-3-122-XXX	192	12x4,0x9	B-3-192-XXX
62	12x3,5x9	B-3-062-XXX	127	12x3,5x9	B-3-127-XXX	200	12x4,0x9	B-3-200-XXX
67	12x3,5x9	B-3-067-XXX	132	12x3,5x9	B-3-132-XXX	202	12x4,0x9	B-3-202-XXX
72	12x3,5x9	B-3-072-XXX	138	12x3,5x9	B-3-138-XXX	212	12x4,5x9	B-3-212-XXX
82	12x3,5x9	B-3-082-XXX	142	12x4,0x9	B-3-142-XXX	225	12x4,5x9	B-3-225-XXX
87	12x3,5x9	B-3-087-XXX	152	12x4,0x9	B-3-152-XXX	232	12x4,5x9	B-3-232-XXX
92	12x3,5x9	B-3-092-XXX	162	12x4,0x9	B-3-162-XXX	250	12x4,5x9	B-3-250-XXX
102	12x3,5x9	B-3-102-XXX	172	12x4,0x9	B-3-172-XXX	257	12x4,5x9	B-3-257-XXX
107	12x3,5x9	B-3-107-XXX	182	12x4,0x9	B-3-182-XXX	300	10x5,0x9	B-3-300-XXX

Usable length: 50mm up to 450mm - Please specify usable length XXX= at part number

Mounting: 1 1/4", R 1/2", M14, M16, etc.

Range of application: Drilling machines with min. 2,0kW, mid and powerful stationary machines (conventional & CNC). Peripheral speed: 2 - 4,5m/s



**GR-EF**

**Extra thin drilling bits**
**M L T G S K E C**

- extra thin-walled segmentring
- clean cutting edges
- brazed version
- tool with high process efficiency
- quick and easy drilling
- wide field of application

<b>Ø</b>	<b>ØxW</b>	<b>Code</b>	<b>Ø</b>	<b>ØxW</b>	<b>Code</b>	<b>Ø</b>	<b>ØxW</b>	<b>Code</b>
6	6x1,5	B-F-06-XXX	22	22x1,5	B-F-22-XXX	33	33x1,5	B-F-33-XXX
8	8x1,5	B-F-08-XXX	24	24x1,5	B-F-24-XXX	35	35x1,5	B-F-35-XXX
10	10x1,5	B-F-10-XXX	25	25x1,5	B-F-25-XXX	40	40x1,5	B-F-40-XXX
12	12x1,5	B-F-12-XXX	26	26x1,5	B-F-26-XXX	44	44x1,5	B-F-44-XXX
14	14x1,5	B-F-14-XXX	28	28x1,5	B-F-28-XXX	50	50x1,5	B-F-50-XXX
16	16x1,5	B-F-16-XXX	29	29x1,5	B-F-29-XXX	60	60x1,5	B-F-60-XXX
18	18x1,5	B-F-18-XXX	30	30x1,5	B-F-30-XXX	65	65x1,5	B-F-65-XXX
20	20x1,5	B-F-20-XXX	32	32x1,5	B-F-32-XXX	68	68x1,5	B-F-68-XXX


**Usable length: 50mm up to 150mm - Please specify usable length XXX= at part number**
**Mounting: R½", M14**
**Range of application:** Drilling machines with min. 2,0kW, mid and powerful stationary machines (conventional & CNC). Peripheral speed: 2 - 9m/s

**BKF-G**

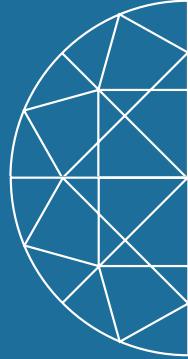
**Drilling bit with counterbore**
**M L T G K E**

- for holes with flat sinks
- for drain inserts or lamp bases
- with segmented drilling part
- in one work step
- and electroplated counterbore part
- with replaceable counterbore part
- universal for marble, granite & eng.stone
- drilling & sinking in one working step

<b>Drill-Ø</b>	<b>Sink-Ø</b>	<b>Code</b>
97	116	B-K-97-116

**Usable length: 50mm up to 200mm / Mounting: R½"**
**Range of application:** Drilling machines with min. 2,0kW, mid and powerful stationary machines (conventional & CNC). Peripheral speed: 2 - 9m/s

**R½" Left-hand thread on request**

**VB-34L / S**
VB-34L VB-34S
MADE IN GERMANY
CNC TECHNOLOGY

**Blind hole drills**
**M L T G S A K E H**

● with decentralized hole (VB-34L)	● clean cutting edges without drill cores
● with side slit (VB34S)	● tool with high process efficiency
● brazed version	● wide field of application

Ø	VB-34L	VB-34S	Ø	VB-34L	VB-34S	Ø	VB-34L	VB-34S
3,5	B-L-035-XX	B-S-035-XX	7,0	B-L-070-XX	B-S-070-XX	10	B-L-100-XX	B-S-100-XX
4,0	B-L-040-XX	B-S-040-XX	7,5	B-L-075-XX	B-S-075-XX	12	B-L-120-XX	B-S-120-XX
5,0	B-L-050-XX	B-S-050-XX	8,0	B-L-080-XX	B-S-080-XX	14	B-L-140-XX	B-S-140-XX
6,0	B-L-060-XX	B-S-060-XX	9,0	B-L-090-XX	B-S-090-XX			

Usable length: 25mm, from Ø6,0mm: 50mm / Mounting: M12x1,5 / M14x2,0 thread  
 Range of application: Drilling machines with min. 1,6kW, stationary machines (conventional & CNC). Please specify mounting thread XX= at part number



**VB-34R**
MADE IN GERMANY
vena Think GREEN
CNC TECHNOLOGY

**Blind hole drills with R $\frac{1}{2}$ " thread**
**M L T G S A K E H**

● with side slit (VB34S)	● clean cutting edges
● brazed version	● without drill cores
● wide field of application	● with high process efficiency

Ø	Code
10,0	B-R-100-XXX
12,0	B-R-120-XXX
14,0	B-R-140-XXX

Usable length: 50mm up to 200mm / Mounting: R $\frac{1}{2}$ "  
 Range of application: Drilling machines with min. 2,0kW, mid and powerful stationary machines (conventional & CNC). Please specify usable length XXX= at part number



# Accessories

Adaptor R $\frac{1}{2}$ " - M14 for blind hole drills with center hole: ● Z-AD-01



R $\frac{1}{2}$ " Left-hand thread on request



## HTB-S

### Standard grinding wheel



## HTB-K

### Grinding wheel + resin-SF



**ML TGSKE**

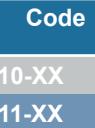
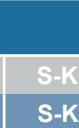
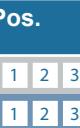
**ML TGSKE**

- for granite- & engineered stone
- with graphite aggregate
- diamond height: 8mm

- for granite- & engineered stone
- with graphite aggregate
- SF-Plastic mounting
- diamond height: 8mm



Ø	Pos.	Code
100	00 0 1 2 3	S-S-10-XX-Y
110	00 0 1 2 3	S-S-11-XX-Y



Ø	Pos.	Code
100	00 0 1 2 3	S-K-10-XX
110	00 0 1 2 3	S-K-11-XX

Mounting: SF (snail lock), Tornado, Ø22,2 or M14 thread

Mounting: SF-Plastic (snail lock) No corrosion on the steel or aluminum mounting of the machine.

## HTB-G

### Grinding wheel with vibration absorption



## HTB-X

### Grinding wheel in convex shape



**ML TGSKE**

**ML GSK**

- for granite- & engineered stone
- with graphite aggregate
- with vibration absorption
- diamond height: 8mm

- for granite- & engineered stone
- with graphite aggregate
- diamond height: 6mm
- convex radius 25mm



Ø	Pos.	Code
100	00 0 1 2 3	S-G-10-XX



Mounting: SF with rubber layer as vibration absorption

Mounting: SF, Tornado, Ø22,2 or M14 thread

## HTT

### Grinding wheel turbo design



## HGA

### Grinding wheel electroplated



**G SAEH**

**ML TK**

- for granite- & engineered stone
- turbodesign
- diamond height: 7mm

- for marble & limestone



Ø	Pos.	Code
100	0 1 2	S-T-10-X-Y
125	0 1 2	S-T-12-X-Y



Mounting: SF, Tornado, Ø22,2 or M14 thread

Mounting: SF, Tornado, Ø22,2 or M14 thread

**HSE**

**Grinding wheel coarse**
**M L G S A K E H**

- for granite- & engineered stone
- also strongly abrasive material
- very high removal rate
- diamond height: 8mm


**Ø**
**Pos.**
**Code**
**50**
**00 0**
**S-A-05-XX**
**100**
**00 0**
**S-A-10-XX**

Mounting: SF, Tornado, Ø22,2 or M14 thread

**CDK**

**Grinding wheels for DEKTON & ceramics E C**

- for DEKTON & ceramics
- with synthetic filling
- diamond height: 5mm
- segmented


**Ø**
**Pos.**
**Code**
**100**
**1 2**
**S-C-10-X-Y**

Mounting: SF, Tornado, M14 thread

**Please specify**
**XX=grain size ( 00 0 1 2 3 ) and mounting (1 - SF; 2 - Tornado; 3 - M14; 4 - 22,2mm), at part number.**
**GFF**

**Grinding wheel electroplated**
**M L T K**

- for marble & limestone
- for dry & wet use


**Ø**
**Pos.**
**T**
**Code**
**80**
**0**
**10**
**S-A-08-0**
**80**
**1**
**10**
**S-A-08-1**
**80**
**2**
**10**
**S-A-08-2**

Mounting: M14 thread

**GFR**

**Manual basin smoother**
**M L T K**

- for marble & limestone
- equalsizes and smoothed
- for manual created basins recesses
- for dry & wet use
- with internal water supply


**Ø**
**Pos.**
**R**
**Code**
**80**
**0**
**25**
**S-R-08-0**
**80**
**1**
**25**
**S-R-08-1**
**80**
**2**
**25**
**S-R-08-2**

Mounting: M14 thread



## Abraco

### Universal sandpaper pads



MADE  
IN  
GERMANY

M L T S K G E C A H

- granite, marble, limestone, eng. stone, etc.
- for manual grinding machines
- for dry grinding operations
- no separating of the abrasive coating
- with flexible backing
- wide field of application

#	Ø	Code	#	Ø	Code	#	Ø	Code
24	115	S-AB-02	60	115	S-AB-06	320	115	S-AB-32
36	115	S-AB-03	120	115	S-AB-12	400	115	S-AB-40
40	115	S-AB-04	220	115	S-AB-22	600	115	S-AB-60

Range of application: Angle grinder with Velcro®. (back up pads on page 30)

Packaging unit: 50pcs.



MADE  
IN  
GERMANY

### Hermes sandpaper pads

M L T S K G E C A H

- granite, marble, limestone, eng. stone, etc.
- for manual grinding machines
- for dry grinding operations
- no separating of the abrasive coating
- with flexible backing
- wide field of application

#	Ø	Code	#	Ø	Code	#	Ø	Code
24	115	S-HR-002	180	115	S-HR-018	800	115	S-HR-080
36	115	S-HR-003	220	115	S-HR-022	1000	115	S-HR-100
40	115	S-HR-004	320	115	S-HR-032	1200	115	S-HR-120
80	115	S-HR-008	400	115	S-HR-040			
120	115	S-HR-012	600	115	S-HR-060			

#	Ø	Code	#	Ø	Code	#	Ø	Code
16	150	S-HM-001	120	150	S-HM-015	600	150	S-HM-060
24	150	S-HM-002	180	150	S-HM-018	800	150	S-HM-080
36	150	S-HM-003	220	150	S-HM-022	1000	150	S-HM-100
40	150	S-HM-004	320	150	S-HM-032	1200	150	S-HM-120
80	150	S-HM-008	400	150	S-HM-040			

Range of application: Angle grinder with Velcro® or self adhesive. (Back up pads on page 30)

Packaging unit: 50pcs.



## Secco



### Polishing pads Ø100mm for dry use

M L T S K G E C H

- granite, marble, limestone, eng. stone, etc.
- for dry polishing
- with flexible backing
- for manual grinding machines
- synthetic bond
- wide field of application

#	Code	#	Code	#	Code	#	Code	#	Code
50	S-KS-005	200	S-KS-020	800	S-KS-080	3000	S-KS-300	P black	S-KS-PS
100	S-KS-010	400	S-KS-040	1500	S-KS-150	P white	S-KS-PW	Set	S-KS-CS

Range of application: Angle grinder with Velcro®. (back up pads on page 30)

## APIX 100



### Polishing pads Ø100mm for wet use

M L T S K G E C H

- granite, marble, limestone, eng. stone, etc.
- very efficient synthetic bond
- high lifetime
- excellent polishing results
- for manual grinding machines

#	Code	#	Code	#	Code	#	Code	#	Code
50	S-KA-005	200	S-KA-020	800	S-KA-080	3000	S-KA-300	P black	S-KA-PS
100	S-KA-010	400	S-KA-040	1500	S-KA-150	P white	S-KA-PW	Set	S-KA-CS

Range of application: Angle grinder with Velcro®. (back up pads on page 30)





## Abrasive brushes SiC



### Abrasive brushes for antique look

- granite, marble, limestone & travertine
- with silicon carbide grit
- high lifetime
- for manual grinding machines

#	Ø	Code	#	Ø	Code	#	Ø	Code	#	Ø	Code	#	Ø	Code
24	100	S-1S-02	46	100	S-1S-04	80	100	S-1S-08	180	100	S-1S-18	320	100	S-1S-32
36	100	S-1S-03	60	100	S-1S-06	120	100	S-1S-12	240	100	S-1S-24	500	100	S-1S-50
24	130	S-2S-02	46	130	S-2S-04	80	130	S-2S-08	180	130	S-2S-18	320	130	S-2S-32
36	130	S-2S-03	60	130	S-2S-06	120	130	S-2S-12	240	130	S-2S-24	500	130	S-2S-50

Range of application: Angle grinder with M14 thread and SF (snail lock)



## Abrasive brushes Diamond



### Abrasive brushes for antique look

- granite, marble, limestone & travertine
- with diamond grit
- high lifetime
- for manual grinding machines

#	Ø	Code	#	Ø	Code	#	Ø	Code	#	Ø	Code	#	Ø	Code
24	100	S-1D-02	46	100	S-1D-04	80	100	S-1D-08	180	100	S-1D-18	320	100	S-1D-32
36	100	S-1D-03	60	100	S-1D-06	120	100	S-1D-12	240	100	S-1D-24	500	100	S-1D-50
24	130	S-2D-02	46	130	S-2D-04	80	130	S-2D-08	180	130	S-2D-18	320	130	S-2D-32
36	130	S-2D-03	60	130	S-2D-06	120	130	S-2D-12	240	130	S-2D-24	500	130	S-2D-50

Range of application: Angle grinder with M14 thread and SF (snail lock)





## Accessories

### Velcro® back up pad

● Velcro® back up pad	● semirigid or with 10mm foam plastic						
● with high performance Velcro®	● M14 - mounting						
Ø	thread	Type	Code	Ø	thread	Type	Code
100	M14	semirigid	Z-TH-104	75	M14	foam plastic	Z-TS-074
115	M14	semirigid	Z-TH-114	100	M14	foam plastic	Z-TS-104
125	M14	semirigid	Z-TH-124	115	M14	foam plastic	Z-TS-114
150	M14	semirigid	Z-TH-154	125	M14	foam plastic	Z-TS-124
100	M14	heavy duty	Z-TD-104	150	M14	foam plastic	Z-TS-154
● Velcro® back up pad	● rigid or with 2mm / 10mm foam plastic						
● with high performance Velcro®	● SF - snail lock						
Ø	thread	Type	Code	Ø	thread	Type	Code
100	SF	rigid	Z-TR-10S	130	SF	2mm foam	Z-T2-13S
130	SF	rigid	Z-TR-13S	100	SF	foam plastic	Z-TS-10S
100	SF	2mm foam	Z-T2-10S	130	SF	foam plastic	Z-TS-13S

Range of application: Angle grinder with M14 thread or SF (Snail lock)



### Self adhesive - back up pad

● back up pad M14	● for self adhesive layer		
Ø	thread	Type	Code
100	M14	self adhesive	Z-TK-104

Range of application: Angle grinder with M14

### Grinding heads

- SF-snail lock
- rubber - aluminium
- SF-snail lock (tool)
- with vibration absorption

Ø	tool thread	machine thread	Code	Ø	tool thread	machine thread	Code
100	SF	M14	Z-A-10S4	130	SF	M18	Z-A-13S8
100	SF	M18	Z-A-10S8	130	SF	M20	Z-A-13S2
100	SF	M20	Z-A-10S2	130	SF	M24x2	Z-A-13S0
				130	SF	M30	Z-A-13S3

- magnet grinding heads
- standard or with vibration absorption

tool thread	machine thread	Type	Code	tool thread	machine thread	Type	Code
Magnet	M14	standard	Z-A-M4	Magnet	R½"	standard	Z-A-MR
Magnet	M16	standard	Z-A-M6	Magnet	M14	absorption	Z-A-M4-G

Range of application: Angle grinder and multifunction machines





vena  
Think GREEN

## Manual profile cutter

M L T K



1AV

### 1AV

- for marble & limestone
- with rotating toucher
- electroplated

$\varnothing$	Radius mm	Code complete	Code replacem. ring	$\varnothing$	Radius mm	Code complete	Code replacem. ring
104	5	S-P1AV-05	S-E1AV-05	104	20	S-P1AV-20	S-E1AV-20
104	10	S-P1AV-10	S-E1AV-10	104	25	S-P1AV-25	S-E1AV-25
104	15	S-P1AV-15	S-E1AV-15	114	30	S-P1AV-30	S-E1AV-30



1EX

### 1EX

- for marble & limestone
- with rotating toucher
- electroplated

$\varnothing$	Radius mm	Code complete	Code replacem. ring	$\varnothing$	Radius mm	Code complete	Code replacem. ring
104	10	S-P1EX-10	S-E1EX-10	104	20	S-P1EX-20	S-E1EX-20
104	15	S-P1EX-15	S-E1EX-15	104	25	S-P1EX-25	S-E1EX-25



1N

### 1N

- for marble & limestone
- with rotating toucher
- electroplated

$\varnothing$	Radius mm	Code complete	Code replacem. ring	$\varnothing$	Radius mm	Code complete	Code replacem. ring
63	6	S-P1N0-06	S-E1N0-06	70	10	S-P1N0-10	S-E1N0-10
70	8	S-P1N0-08	S-E1N0-08				



1D

### 1D

- | $\varnothing$ | T mm | Code complete |
|---------------|------|---------------|
| 95            | 18   | S-P1D0-18     |



2N

$\varnothing$	T mm	Code complete	Code replacem. ring
53	28	S-P2N0-28	S-E2N0-28



1F

### 1F

- | $\varnothing$ | W mm | Code complete |
|---------------|------|---------------|
| 104           | 10   | S-P1F0-10     |



1NV for engineered stone

E

$\varnothing$	T mm	Code complete	Code replacem. ring
66	8	S-P1NV-08	S-E1NV-08

- for engineered stone
- soldered by vacuum



2AV

### 2AV

- for marble & limestone
- electroplated
- with fixed rotating toucher

$\varnothing$	Radius mm	Code complete	$\varnothing$	Radius mm	Code complete	$\varnothing$	Radius mm	Code complete
102	5	S-P2AV-05	102	15	S-P2AV-15	102	25	S-P2AV-25
102	10	S-P2AV-10	102	20	S-P2AV-20	112	30	S-P2AV-30

Range of application: Angle grinder with M14 thread



## Man. profile cutter

### 3AV

- for granite
- with rotating toucher
- segmented

$\varnothing$	Radius mm	Code complete
100	10	S-P3AV-10
100	15	S-P3AV-15
100	20	S-P3AV-20



3AV

### 3N

### L G E A

- for granite
- with rotating toucher
- continuous segment ring

$\varnothing$	Code complete	Code replacem. ring
68	S-P3N0	S-E3N0



3N

Range of application: Angle grinder with M14 thread

### 1UF

### M L T K

- for marble & limestone
- electroplated

$\varnothing$	T mm	Code complete
75	50	S-P1UF-50



1UF

### 2UF

### L G E A

- for granite
- segmented

$\varnothing$	T mm	Code complete
70	35	S-P2UF-35



Range of application: Angle grinder with M14 thread





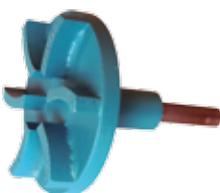
## Mini circular blades

for pneumatic grinder & straight grinder

M L T S K G E A

● sintered				● turbo design				● electroplated			
Ø	Type	Width	Code	Ø	Type	Width	Code	Ø	Type	Width	Code
25mm	granite	2,0mm	S-MT-25G	25mm	marble	----	S-MT-25M	35mm	marble	----	S-MT-50M
50mm	granite	1,6mm	S-MT-50G	50mm	marble	----	S-MT-50M				
85mm	granite	1,6mm	S-MT-85G								

Range of application: Pneumatic & straight grinders with clamping chuck for 6mm shank



## Mini grinding wheel

for pneumatic grinder & straight grinder

M L T S K G E A

● segmented				● with 6mm shaft				● reinforced steel body			
Ø	Type	Code	Ø	Type	Code	Ø	Type	Code			
50mm	universal natural stone	S-MW-50	70mm	universal natural stone	S-MW-70						
60mm	universal natural stone	S-MW-50	80mm	universal natural stone	S-MW-80						

Range of application: Pneumatic & straight grinders with clamping chuck for 6mm shank



## Mini polishing pads

for pneumatic grinder

M L T S K G E

● for granite, marble & engineered stone				● resin bond (#500 - 8000)							
● metal bond (#60 - 500)				● for excellent polishing results							
Ø	#	Code	Ø	#	Code	Ø	#	Code			
25	60	S-MP-21	25	500	S-MP-25	50	60	S-MP-51			
25	120	S-MP-22	25	600	S-MP-26	50	120	S-MP-52			
25	200	S-MP-23	25	1000	S-MP-27	50	200	S-MP-53			
25	400	S-MP-24	25	8000	S-MP-28	50	400	S-MP-54			
						50	500	S-MP-55			
						50	600	S-MP-56			
						50	1000	S-MP-57			
						50	8000	S-MP-58			

Range of application: Pneumatic grinders with JPG150 mounting



## Mini abrasive belts

for pneumatic grinder

M L T S K G E

● for granite, marble & engineered stone				● resin bond (#500 - 8000)							
● metal bond (#60 - 500)				● for excellent polishing results							
Ø	#	Code	Ø	#	Code	Ø	#	Code			
15	60	S-MB-11	15	500	S-MB-15	30	60	S-MB-31			
15	120	S-MB-12	15	600	S-MB-16	30	120	S-MB-32			
15	200	S-MB-13	15	1000	S-MB-17	30	200	S-MB-33			
15	400	S-MB-14	15	8000	S-MB-18	30	400	S-MB-34			
						30	500	S-MB-35			
						30	600	S-MB-36			
						30	1000	S-MB-37			
						30	8000	S-MB-38			

Range of application: Pneumatic grinders with expanding rubber drum



## Abrasive belts

### for pneumatic grinders

M L T S K G E



● for granite, marble & engineered stone	● high lifetime										
● metal bond (#60 - 500)	● for excellent polishing results										
● resin bond (#500 - 8000)	● rubber drums (Ø50mm, Ø75mm, Ø100mm)										
Ø	#	Code	Ø	#	Code	Ø	#	Code	Ø	#	Code
50	60	S-SB-051	50	200	S-SB-053	50	500	S-SB-055	50	1000	S-SB-057
50	120	S-SB-052	50	400	S-SB-054	50	600	S-SB-056	50	8000	S-SB-058
75	60	S-SB-071	75	200	S-SB-073	75	500	S-SB-075	75	1000	S-SB-077
75	120	S-SB-072	75	400	S-SB-074	75	600	S-SB-076	75	8000	S-SB-078
100	60	S-SB-101	100	200	S-SB-103	100	500	S-SB-105	100	1000	S-SB-107
100	120	S-SB-102	100	400	S-SB-104	100	600	S-SB-106	100	8000	S-SB-108



Range of application: Pneumatic grinders & radial arm polishers with expanding rubber drum

## Electroplated routers

### for pneumatic grinder & straight grinder

M L T K



● electroplated	● for marble / limestone	● storage box	● various forms
Code S-FSET6			



Range of application: Pneumatic & straight grinders with clamping chuck for 6mm shank

## Accessories

### Expanding rubber drums

● M14 thread o. 25mm bore			
Ø	Mounting	T	Code
50	M14	42mm	Z-GW-544
50	25mm	42mm	Z-GW-542
75	25mm	38mm	Z-GW-732
75	25mm	42mm	Z-GW-742
100	25mm	38mm	Z-GW-132



### Mini exp. rubber drums

● with 6mm shank			
Ø	Shank	T	Code
15	6mm	30mm	Z-GW-136
30	6mm	30mm	Z-GW-336



### Mounting shaft for rubber drums

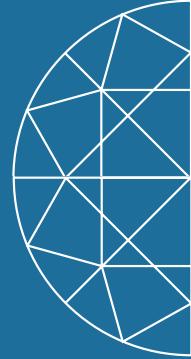
● with bore for internal water feed			
Version	Mount.	T	Code
--	M14	38-42mm	Z-GW-034
int. water feed			Z-GW-134



### JPG150 mounting

● screw closure with 6mm shank		
Ø	Shank	Code
25	6mm	Z-A-J26
50	6mm	Z-A-J56





## Spot-face calibrator

for spot-faces on edge polishing machines



M L T S G E C

● universal tool	● reinforced tool body	● high removal rate
● segmented	● for spot-faces	● for granite / eng. stone
● brazed version	● calibrating of angle-inaccuracies	● for marble / limestone
Ø	WxHxL	Code
130	24x7x10	K-SK-130
150	24x7x10	K-SK-150

Range of application: Edge polishing machines with spindle for spot-face calibrator.  
Manufactured upon your machine model.



## Universal calibrator

for universal use on edge polishing machines



M L T S G E C

● universal tool	● reinforced tool body	● high removal rate
● segmented	● calibrating of the bottom side	● for granite / eng. stone
● brazed version	● for uniform material thickness	● for marble / limestone
Ø	WxHxL	Code
170	24x7x10	K-KF-170
190	24x7x10	K-KF-190
200	24x7x10	K-KF-200
250	24x7x10	K-KF-250
260	24x7x10	K-KF-260

Range of application: Edge polishing machines with spindle for calibrating.  
Manufactured upon your machine model.

## Multi-purpose tool



### for Löffler edge polishing machines

M L T S G E C

● universal tool	● slot cutter & spot-face calibrator	● high removal rate
● brazed version	● for dripping grooves & for reinforcing	● for granite & eng. stone
Ø	LxWxH	Code
210	20x6x10 / 24x7x10	K-KWL-21



Range of application: Löffler edge polishing machines

## Spot-face smoothing



### for spot-faces on edge polishing machines

M L T G E C S K

● universal tool	● wide grinding layer	● high removal rate
● segmented	● for spot-faces & edges	● for granite & eng. stone
● with synthetic filling	● for easy processing	● for marble & limestone
Ø	WxH	Code
130	40x10	K-SS-130
150	50x10	K-SS-150



Range of application: Edge polishing machines with spindle for spot-face smoothing.

Mounting: SF-R (large snail lock) or manufactured upon your machine model

## Chamfering



M L T S G E C

### for edge polishing machines

● universal tool	● wide grinding layer	● for granite & eng. stone
● with graphite aggregate	● for uniform chamfering	● for marble & limestone
Ø	WxH	Pos.
130	40x7+2	1
130	40x7+2	2
130	40x7+2	3
		Code
		K-FS-130-1
		K-FS-130-2
		K-FS-130-3



Range of application: Edge polishing machines with spindle for upper and/or lower chamfer  
Mounting: SF-R (large snail lock)



## Spot-face planets

for spot-faces on edge polishing machines



M L T I S G E C

● universal tool	● segmented with synthetic filling	● for granite & eng. stone
● for spot-faces	● for calibrating of angle-inaccuracies	● for marble & limestone
Ø	H	Code
100	6+2	K-SP-100
110	6+2	K-SP-110

Range of application: Edge polishing machines with planetary spindle

Manufactured upon your machine model



## Slot cutter

for edge polishing machines & bridge saws



M L T I G E K

Ø	WxH	Code									
100	5,0x10	U-F-510	300	5,0x10	U-F-530	400	5,0x10	U-F-540	500	5,0x10	U-F-550
	8,0x10	U-F-810		8,0x10	U-F-830		8,0x10	U-F-840		8,0x10	U-F-850
	10x10	U-F-110		10x10	U-F-130		10x10	U-F-140		10x10	U-F-150
150	5,0x10	U-F-515		12x8,0	U-F-230		12x8,0	U-F-240		12x8,0	U-F-250
	8,0x10	U-F-815		15x8,0	U-F-330		15x8,0	U-F-340		15x8,0	U-F-350
	10x10	U-F-115		18x8,0	U-F-430		18x8,0	U-F-440		18x8,0	U-F-450
				20x8,0	U-F-330		20x8,0	U-F-340		20x8,0	U-F-350
200	5,0x10	U-F-520	350	5,0x10	U-F-535	450	5,0x10	U-F-545	600	5,0x10	U-F-560
	8,0x10	U-F-820		8,0x10	U-F-835		8,0x10	U-F-845		8,0x10	U-F-860
	10x10	U-F-120		10x10	U-F-135		10x10	U-F-145		10x10	U-F-160
250	5,0x10	U-F-525		12x8,0	U-F-235		12x8,0	U-F-245		12x8,0	U-F-260
	8,0x10	U-F-825		15x8,0	U-F-335		15x8,0	U-F-345		15x8,0	U-F-360
	10x10	U-F-125		18x8,0	U-F-435		18x8,0	U-F-445		18x8,0	U-F-460
				20x8,0	U-F-335		20x8,0	U-F-345		20x8,0	U-F-360

Range of application: Edge polishing machines / bridge saws



## Edge polishing sys. APIX-3

for edge polishing machines Ø130mm

- for granite, eng. stone, marble & limestone
- very efficient resin bond (not aging)
- with rounded edges & water grooves

- very high lifetime
- for excellent polishing results
- different hardness grades (hard/medium/w soft)

MLT GEC



MADE  
IN  
EUROPE

CNC  
TECHNOLOGY



#	Code	#	Code	#	Code	#	Code	#	Code
40	K-PA301-XY	150	K-PA305-XY	500	K-PA309-XY	1200	K-PA313-XY	3500	K-PA317-XY
60	K-PA302-XY	200	K-PA306-XY	600	K-PA310-XY	1500	K-PA314-XY	5000	K-PA318-XY
80	K-PA303-XY	300	K-PA307-XY	800	K-PA311-XY	1800	K-PA315-XY		
120	K-PA304-XY	400	K-PA308-XY	1000	K-PA312-XY	3000	K-PA316-XY		

Range of application: Edge polishing machines with Velcro® or SF-R (large snail lock)

Please specify X=hardness grade (H, M, W) & Y=mounting (V-Velcro or S-SF) at part number.

## Edge polishing sys. APIX-5

for edge polishing machines Ø150mm

- for granite, eng. stone, marble & limestone
- very efficient resin bond (not aging)
- with rounded edges & dripping grooves

- very high lifetime
- for excellent polishing results
- different hardness grades (hard/medium/w soft)

MLT GEC



MADE  
IN  
EUROPE

CNC  
TECHNOLOGY



#	Code	#	Code	#	Code	#	Code	#	Code
40	K-PA501-XY	150	K-PA505-XY	500	K-PA509-XY	1200	K-PA513-XY	3500	K-PA517-XY
60	K-PA502-XY	200	K-PA506-XY	600	K-PA510-XY	1500	K-PA514-XY	5000	K-PA518-XY
80	K-PA503-XY	300	K-PA507-XY	800	K-PA511-XY	1800	K-PA515-XY		
120	K-PA504-XY	400	K-PA508-XY	1000	K-PA512-XY	3000	K-PA516-XY		

Range of application: Edge polishing machines with Velcro® or SF-R (large snail lock)

Please specify X=hardness grade (H, M, W) & Y=mounting (V-Velcro or S-SF) at part number.

## CEPIX

for chamfer polishing on edge polishing machines Ø130mm

MLT GEC

- for granite, eng. stone, marble & limestone
- very efficient resin bond (not aging)
- with rounded edges & water grooves

- very high lifetime
- for excellent polishing results
- with rubber layer & 20mm center bore

#	Code	#	Code	#	Code	#	Code	#	Code
40	K-PC01-Y	200	K-PC06-Y	800	K-PC11-Y	2000	K-PC16-Y	8000	K-PC21-Y
60	K-PC02-Y	300	K-PC07-Y	1000	K-PC12-Y	3000	K-PC17-Y	10000	K-PC22-Y
80	K-PC03-Y	400	K-PC08-Y	1200	K-PC13-Y	4000	K-PC18-Y		
120	K-PC04-Y	500	K-PC09-Y	1500	K-PC14-Y	5000	K-PC19-Y		
150	K-PC05-Y	600	K-PC10-Y	1800	K-PC15-Y	6000	K-PC20-Y		

Range of application: Edge polishing machines with Velcro® or SF-R (large snail lock)

Please specify Y=mounting (V-Velcro or S-SF) at part number.





## TFW

### Multi blade tool

- for granite, marble & limestone
- max. milling width 150mm
- internal water supply
- for spot-faces
- uni. spot-faces roughing cutter
- for coarse shaping
- Ø150mm or Ø180mm,
- with special circular blades
- high cost efficiency

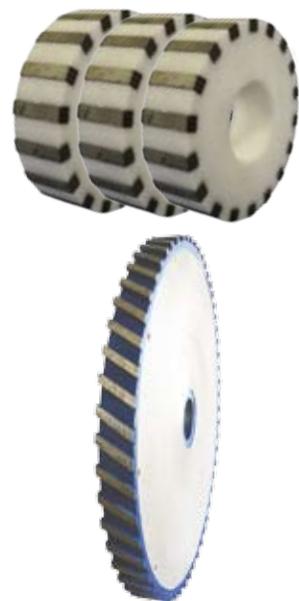
Ø	Milling width	Spindle	Code	Ø	Milling width	Spindle	Code
150	126	M30	G-TW25-Y	180	126	M30	G-TW28-Y
150	140	-	G-TW45-Y	180	140	-	G-TW48-Y
150	150	ISO40	G-TW55-Y	180	150	ISO40	G-TW58-Y

Range of application: Manual multifunctional machines or CNC-processing machines

Mounting: M30(M) or ISO40(I) cones - Please specify Y=cones at part number.



MLT GAK



## UFK

### Peripheral milling cutter with synthetic core

- for granite, marble & limestone
- milling width 30mm or 40mm
- segment height 10mm (7+3mm)
- with synthetic core for maximum smoothness
- high removal rate
- noise & weight-reduced
- milling cutter packs for working of spot-faces
- reduces vibrations during grinding process
- achieves a high surface quality
- for leveling of surfaces

Ø	Milling width	Code	Milling width	Code	Ø	Milling width	Code	Milling width	Code
150	30	G-UF315	40	G-UF415	400	30	G-UF340	40	G-UF440
300	30	G-UF330	40	G-UF430	450	30	G-UF345	40	G-UF445
350	30	G-UF335	40	G-UF435	500	30	G-UF350	40	G-UF450

Range of application: Manual multifunctional machines, bridge saws, CNC-processing machines

Mounting: Standard bore 60mm (others on request)



MLT GASK



**UFS**

**Peripheral milling cutter**
**ML T G A S K**

- for granite, marble & limestone
- segmented steelbody
- re-tipping is possible
- milling width 30mm or 40mm
- segment height 10mm (7+3mm)
- high removal rate
- milling cutter packs for working of spot-faces
- for leveling of surfaces

<b>Ø</b>	<b>Milling width</b>	<b>Code</b>	<b>Milling width</b>	<b>Code</b>	<b>Ø</b>	<b>Milling width</b>	<b>Code</b>	<b>Milling width</b>	<b>Code</b>
78	30	G-US307	40	G-US407	300	30	G-US330	40	G-US430
100	30	G-US310	40	G-US410	350	30	G-US335	40	G-US435
150	30	G-US315	40	G-US415	400	30	G-US340	40	G-US440

Range of application: Manual multifunctional machines, bridge saws, CNC-processing machines

Mounting: Standard bore 60mm (others on request)


**EGD**

**Smoothing rollers**
**ML T G S K**

- for granite, marble & limestone
- weight-reduced
- for vibration-free processing
- for processing of the tomb contour
- coarse, medium, & smooth
- perfect preparation for polishing

<b>Ø</b>	<b>Position</b>	<b>Width</b>	<b>Code</b>	<b>Ø</b>	<b>Position</b>	<b>Width</b>	<b>Code</b>
80	1	170mm	G-ED081-Y	150	1	200mm	G-ED151-Y
80	2	170mm	G-ED082-Y	150	2	200mm	G-ED152-Y
80	3	170mm	G-ED083-Y	150	3	200mm	G-ED153-Y

Range of application: Manual multifunctional machines or CNC-processing machines

Mounting: M30(M) o. ISO40(I) cones - Please specify Y=cones at part number.


**PPD**

**Polishing rollers**
**ML T G S K**

- for granite, marble & limestone
- for processing of the tomb contour
- pre-polishing: #200 and #400
- perfect finish: step #800 up to #P
- with internal water supply
- excellent polish without lines

<b>Ø</b>	<b>#</b>	<b>Bore</b>	<b>Width</b>	<b>Code</b>	<b>Ø</b>	<b>#</b>	<b>Bore</b>	<b>Width</b>	<b>Code</b>
75	200	43	172mm	G-PD071	100	200	according to customer	200mm	G-PD101
75	400		172mm	G-PD072	100	400		200mm	G-PD102
75	800		172mm	G-PD073	100	800		200mm	G-PD103
75	1500		172mm	G-PD074	100	1500		200mm	G-PD104
75	3000		172mm	G-PD075	100	3000		200mm	G-PD105
75	P		172mm	G-PD076	100	P		200mm	G-PD106



Range of application: Manual multifunctional machines or CNC-processing machines

Mounting: Bore 43mm (others on request)





**FSE**



**M L T G S K**

### Electroplated grinding finger

• full electroplated	• for processing of inside and outside edges						
• for granite, ceramics, marble & limestone	• in different grain sizes (pos.1 & 2)						
• universal tool for small radiuses	• with internal water supply						
Useful length	Ø	Pos.	Code	Useful length	Ø	Pos.	Code
70	25	1	G-FE072-1	70	25	2	G-FE072-2
100	25	1	G-FE102-1	100	25	2	G-FE102-2
120	25	1	G-FE122-1	120	25	2	G-FE122-2
140	25	1	G-FE142-1	140	25	2	G-FE142-2
100	30	1	G-FE103-1	100	30	2	G-FE103-2
120	30	1	G-FE123-1	120	30	2	G-FE123-2
150	30	1	G-FE153-1	150	30	2	G-FE153-2

Range of application: CNC-processing machines; Mounting: R½"

Rpm: 5000 - 6500 1/min, Feed rate: 150 - 400 mm/min.



**CCT**



**M L T G E S K**

### Facet tool system

• for granite, marble & limestone	• wide field of application & high cost efficiency		
• for processing stone edges	• with internal water supply		
• for straight or decreasing chamfers (facets)	• from 20° up to 45°, according to customer		
Position	Type	Degrees	Code
0	segmented	20° - 45°	G-CT-XX-0
1	electroplated	20° - 45°	G-CT-XX-1
2	electroplated	20° - 45°	G-CT-XX-2

Range of application: Manual multifunctional machines or CNC-processing machines

Mounting: R½" or according to customer requirements - Please specify XX=degree value at Part number



**PFN**
**90° Chamfer cutter**

**M L T G A S K**

- segmented for granite & marble
- for creating chamfers & V-grooves

- 1. step: grooving, 2. step: cutting
- no manual chamfering required

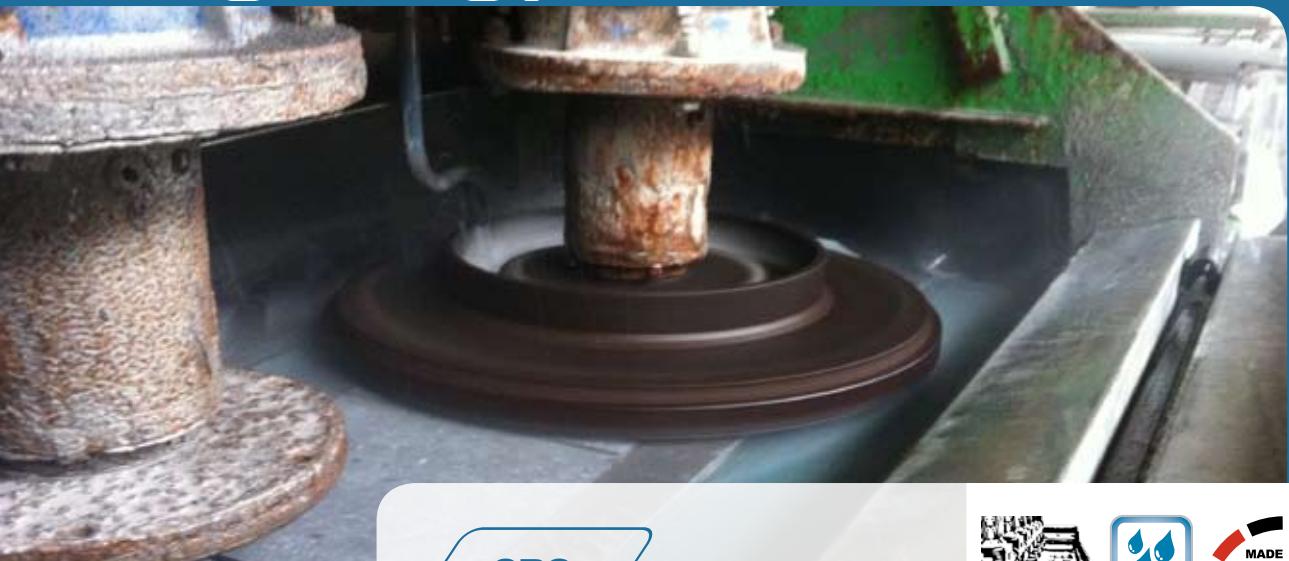
<b>Ø</b>	<b>Milling width</b>	<b>Code</b>
300	20	G-PN30-Y
350	20	G-PN35-Y
400	20	G-PN40-Y

Range of application: **Bridge saws**; Mounting: Bore according to customer requirements  
 Peripheral speed: 20 - 35m/s. - **Please specify Y=centre bore at part number**



Tool holder and quick-change systems on page 84





## CRC

### Calibrating ring



M L G A T S K

$\varnothing$	LxWxH	#	Code
500	24x10x8	0-coarse / 1-medium / 2-fine	E-KR50-X
600	24x10x8	0-coarse / 1-medium / 2-fine	E-KR60-X
650	24x10x8	0-coarse / 1-medium / 2-fine	E-KR65-X
700	24x10x8	0-coarse / 1-medium / 2-fine	E-KR70-X
800	24x10x8	0-coarse / 1-medium / 2-fine	E-KR80-X
900	24x10x8	0-coarse / 1-medium / 2-fine	E-KR90-X

Range of application: Grinding trains - Please specify X=grain size (0, 1, 2) at Part number  
Mounting: Manufactured upon your machine model



## CRS

### Calibrating ring system



M L G A T S K

$\varnothing$	LxWxH	#	Code
700	24x10x8	0-coarse / 1-medium / 2-fine	E-KS07-X
800	24x10x8	0-coarse / 1-medium / 2-fine	E-KS08-X
900	24x10x8	0-coarse / 1-medium / 2-fine	E-KS09-X
1000	24x10x8	0-coarse / 1-medium / 2-fine	E-KS10-X

Range of application: Grinding trains - Please specify X=grain size (0, 1, 2) at Part number  
Mounting: Manufactured upon your machine model



**CSM**

**Equalize cutter**
**MLGETSK**

- for granite, marble & limestone
- for processing small and medium sized surfaces
- brazed calibrating ring

- universal tool with reinforced tool body
- standard or with synthetic filling
- coarse and medium sizes grit (0 & 1)

Ø	#	LxWxH	Code standard	Code synthetic filling
130	0 & 1	20x10x10	E-CM13S-X	E-CM13K-X
150		20x10x10	E-CM15S-X	E-CM15K-X
160		20x10x10	E-CM16S-X	E-CM16K-X
180		20x10x10	E-CM18S-X	E-CM18K-X
200		20x10x10	E-CM20S-X	E-CM20K-X

Range of application: multifunctional machines, flat polishers or CNC-processing machines

 Mounting: Manufactured upon your machine model - **Please specify X=grit (0 or 1) at Part number**

**Grinding shoes**

**Shape - Frankfurt**
**MLGETSK**

- universal tool
- segmented

- for coarse-, medium- & smoothing
- synthetic filling for finer smoothing

- for granite & eng. stone
- for marble & limestone

#	Code	#	Code	#	Code
50	E-SH05-X	120	E-SH12-X	200	E-SH20-X
80	E-SH08-X	140	E-SH14-X	230	E-SH23-X
100	E-SH10-X	170	E-SH17-X	270	E-SH27-X

Range of application: Multifunctional machines and flat polishers


**Grinding bricks**

**Shape - Fickert**
**MLGETS**

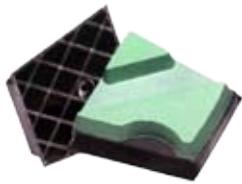
- wide diversity of grit sizes
- dimension: 130x60mm

- sintered for granite
- other dimensions on request

#	Hard	Medium	Soft	#	Hard	Medium	Soft	#	Hard	Medium	Soft
30/40	E-BA1	E-BA2	E-BA3	70/80	E-BE1	E-BE2	E-BE3	140/170	E-BJ1	E-BJ2	E-BJ3
40/50	E-BB1	E-BB2	E-BB3	80/100	E-BF1	E-BF2	E-BF3	170/200	E-BK1	E-BK2	E-BK3
50/60	E-BC1	E-BC2	E-BC3	100/120	E-BG1	E-BG2	E-BG3	200/230	E-BL1	E-BL2	E-BL3
60/70	E-BD1	E-BD2	E-BD3	120/140	E-BH1	E-BH2	E-BH3				

Range of application: Multifunctional machines and flat polishers





## PA Polishing shoes



M L G E T S K

### Shape - Frankfurt

- diamond polishing bricks with shape Frankfurt
- very efficient resin bond (not aging)
- perfect polishing result
- for granite, marble & limestone
- type PA for older machines & friable materials
- different hardness grades (**h**ard / **m**edium / **w**soft)

#	Code	#	Code	#	Code	#	Code
40	E-PA01-X	180	E-PA07-X	600	E-PA13-X	5000	E-PA19-X
60	E-PA02-X	220	E-PA08-X	800	E-PA14-X	6000	E-PA20-X
80	E-PA03-X	280	E-PA09-X	1000	E-PA15-X	8000	E-PA21-X
100	E-PA04-X	320	E-PA10-X	1200	E-PA16-X	10000	E-PA22-X
120	E-PA05-X	400	E-PA11-X	1500	E-PA17-X		
150	E-PA06-X	500	E-PA12-X	3000	E-PA18-X	Polierer	E-PA23-X

Range of application: Multifunctional machines and grinding trains

Please specify X=hardness grades (H, M, W) at part number.



## PA+ Polishing shoes



M L G E T S K

### Shape - Frankfurt

- diamond polishing bricks with shape Frankfurt
- very efficient resin bond (not aging)
- large grinding layer for large lifetime
- perfect polishing result
- for granite, marble & limestone
- different hardness grades (**h**ard / **m**edium / **w**soft)

#	Code	#	Code	#	Code	#	Code
40	E-PB01-X	180	E-PB07-X	600	E-PB13-X	5000	E-PB19-X
60	E-PB02-X	220	E-PB08-X	800	E-PB14-X	6000	E-PB20-X
80	E-PB03-X	280	E-PB09-X	1000	E-PB15-X	8000	E-PB21-X
100	E-PB04-X	320	E-PB10-X	1200	E-PB16-X	10000	E-PB22-X
120	E-PB05-X	400	E-PB11-X	1500	E-PB17-X		
150	E-PB06-X	500	E-PB12-X	3000	E-PB18-X	Polierer	E-PB23-X

Range of application: Multifunctional machines and grinding trains

Please specify X=hardness grades (H, M, W) at part number.





## PA Polishing bricks



**MLGETSK**



### Shape - Fickert

- diamond polishing bricks 140mm
- very efficient resin bond (not aging)
- perfect polishing result

- for granite, marble & limestone
- type PA for older machines & friable materials
- different hardness grades (**hard / medium / wsoft**)

#	Code	#	Code	#	Code	#	Code
24	E-PS01-X	120	E-PS08-X	320	E-PS14-X	1500	E-PS20-X
36	E-PS02-X	150	E-PS09-X	400	E-PS15-X	1800	E-PS21-X
46	E-PS03-X	180	E-PS10-X	600	E-PS16-X	2000	E-PS22-X
60	E-PS05-X	220	E-PS11-X	800	E-PS17-X	2200	E-PS23-X
80	E-PS06-X	240	E-PS12-X	1000	E-PS18-X	2600	E-PS24-X
100	E-PS07-X	280	E-PS13-X	1200	E-PS19-X	3000	E-PS25-X

Range of application: Multifunctional machines and grinding trains

Please specify X=hardness grades (**H, M, W**) at part number.

## PA+ Polishing bricks



**MLGETSK**



### Shape - Fickert

- diamond polishing bricks 140mm
- very efficient resin bond (not aging)
- large grinding layer for large lifetime

- perfect polishing result
- for granite, marble & limestone
- different hardness grades (**hard / medium / wsoft**)

#	Code	#	Code	#	Code	#	Code
24	E-PT01-X	120	E-PT08-X	320	E-PT14-X	1500	E-PT20-X
36	E-PT02-X	150	E-PT09-X	400	E-PT15-X	1800	E-PT21-X
46	E-PT03-X	180	E-PT10-X	600	E-PT16-X	2000	E-PT22-X
60	E-PT05-X	220	E-PT11-X	800	E-PT17-X	2200	E-PT23-X
80	E-PT06-X	240	E-PT12-X	1000	E-PT18-X	2600	E-PT24-X
100	E-PT07-X	280	E-PT13-X	1200	E-PT19-X	3000	E-PT25-X

Range of application: Multifunctional machines and grinding trains

Please specify X=hardness grades (**H, M, W**) at part number.

Tool holder on page 103





## QA+ Polishing bricks



### Shape - Fickert

MLGETSK

- diamond polishing bricks **170mm**
- very efficient resin bond (not aging)
- large grinding layer for large lifetime

- perfect polishing result
- for granite, marble & limestone
- different hardness grades (**hard / m**edium / **w**soft)

#	Code	#	Code	#	Code	#	Code
24	E-QA01-X	120	E-QA08-X	320	E-QA14-X	1500	E-QA20-X
36	E-QA02-X	150	E-QA09-X	400	E-QA15-X	1800	E-QA21-X
46	E-QA03-X	180	E-QA10-X	600	E-QA16-X	2000	E-QA22-X
60	E-QA05-X	220	E-QA11-X	800	E-QA17-X	2200	E-QA23-X
80	E-QA06-X	240	E-QA12-X	1000	E-QA18-X	2600	E-QA24-X
100	E-QA07-X	280	E-QA13-X	1200	E-QA19-X	3000	E-QA25-X

Range of application: Multifunctional machines and grinding trains

Please specify X=hardness grades (H, M, W) at part number.



## SP+ Polishing bricks



### Shape - Fickert & Pedrini

MLGETSK

- diamond polishing bricks 130, 140 & 170mm
- very efficient resin bond
- wide range of application

- perfect polishing result on all types of granite
- for granite
- different hardness grades (**hard / m**edium / **w**soft)

Length	Height	Application	Machine	Code
130	maximum	universal	Pedrini	E-SP01-X
140	low	for older Machines	Fickert	E-SP02-X
140	maximum	universal	Fickert	E-SP03-X
170	low	for older Machines	Fickert	E-SP04-X

Range of application: Multifunctional machines and grinding trains

Please specify X=hardness grades (H, M, W) at part number.



**PA+ Terzago**
**Terzago**

**M L G E T S K**

- diamond polishing system Ø130mm
- very efficient resin bond

- perfect polishing result on granite
- not aging resin bond

#	Code	#	Code	#	Code	#	Code
36	E-TZ01	120	E-TZ05	400	E-TZ09	1500	E-TZ13
46	E-TZ02	150	E-TZ06	600	E-TZ10	3000	E-TZ14
60	E-TZ03	220	E-TZ07	800	E-TZ11	5000	E-TZ15
80	E-TZ04	320	E-TZ08	1000	E-TZ12	Polierer	E-TZ16

Range of application: Multifunctional machines and grinding trains





## FK - SiC



### Shape - Fickert

- abrasive brushes for antique look
- with silicon carbide grit

- in resin bond
- for marble, limestone and granite

#	SiC	#	SiC	#	SiC	#	SiC
24	E-FKS01	60	E-FKS04	180	E-FKS07	500	E-FKS10
36	E-FKS02	80	E-FKS05	240	E-FKS08	800	E-FKS11
46	E-FKS03	120	E-FKS06	320	E-FKS09	1000	E-FKS12

Range of application: Multifunctional machines and grinding trains



## FK - Diamond



### Shape - Fickert

- diamond abrasive brushes for antique look
- with diamond grit

- in resin bond
- for granite and engineered stone

#	Diam.	#	Diam.	#	Diam.	#	Diam.
24	E-FKD01	100	E-FKD06	280	E-FKD11	1000	E-FKD16
36	E-FKD02	120	E-FKD07	320	E-FKD12	1800	E-FKD17
46	E-FKD03	180	E-FKD08	500	E-FKD13		
60	E-FKD04	220	E-FKD09	600	E-FKD14		
80	E-FKD05	240	E-FKD10	800	E-FKD15		

Range of application: Multifunctional machines and grinding trains

## FR - SiC



### Shape - Frankfurt

- abrasive brushes for antique look
- with silicon carbide grit

- in resin bond
- for marble, limestone and granite

#	SiC	#	SiC	#	SiC	#	SiC
24	E-RFS01	60	E-RFS04	180	E-RFS07	500	E-RFS10
36	E-RFS02	80	E-RFS05	240	E-RFS08	1000	E-RFS11
46	E-RFS03	120	E-RFS06	320	E-RFS09		

Range of application: Multifunctional machines and grinding trains



## FR - Diamond



MLGETSK

### Shape - Frankfurt

- diamond abrasive brushes for antique look
- with diamond grit
- in resin bond
- for granite and engineered stone

#	Diam.	#	Diam.	#	Diam.	#	Diam.
24	E-RFD01	100	E-RFD06	280	E-RFD11	1000	E-RFD16
36	E-RFD02	120	E-RFD07	320	E-RFD12	1800	E-RFD17
46	E-RFD03	180	E-RFD08	500	E-RFD13		
60	E-RFD04	220	E-RFD09	600	E-RFD14		
80	E-RFD05	240	E-RFD10	800	E-RFD15		



Range of application: Multifunctional machines and grinding trains

## TZ - SiC



MLGETSK

### Terzago Ø130mm

- abrasive brushes for antique look
- with silicon carbide grit
- in resin bond
- for marble, limestone and granite

#	SiC	#	SiC	#	SiC
36	E-TZS01	80	E-TZS04	240	E-TZS07
46	E-TZS02	120	E-TZS05	320	E-TZS08
60	E-TZS03	180	E-TZS06	500	E-TZS09



Range of application: multifunctional machines and grinding trains

## TZ - Diamond



MLGETSK

### Terzago Ø130mm

- diamond abrasive brushes for antique look
- with diamond grit
- in resin bond
- for granite and engineered stone

#	Diam.	#	Diam.	#	Diam.	#	Diam.
36	E-TZD01	80	E-TZD04	180	E-TZD07	280	E-TZD10
46	E-TZD02	100	E-TZD05	220	E-TZD08	320	E-TZD11
60	E-TZD03	120	E-TZD06	240	E-TZD09	500	E-TZD12



Range of application: Multifunctional machines and grinding trains

Tool holder on page 103





## FFD

### Milling cutter for hard granite

L G



Usable length	$\varnothing$	Version	Code
27	21		CF-127-FFD
36	21	----	CF-136-FFD
46	21		CF-146-FFD
27	21		CF-227-FFD
36	21	incl. drilling segment	CF-236-FFD
46	21		CF-246-FFD

Range of application: CNC-processing machines; Mounting: R½"

Reference: Incremental use in material thickness >3cm.

Rpm: 5000 - 6000 1/min, feed rate: 300 - 500 mm/min.

## FFE

### Milling cutter for granite & engineered stone

G E



Usable length	$\varnothing$	Version	Code
27	21		CF-127-FFE
36	21	----	CF-136-FFE
46	21		CF-146-FFE
27	21		CF-227-FFE
36	21	incl. drilling segment	CF-236-FFE
46	21		CF-246-FFE

Range of application: CNC-processing machines; Mounting: R½"

Reference: Incremental use in material thickness >3cm.

Rpm: 5000 - 6000 1/min, feed rate: 300 - 500 mm/min.



**FBC**

**Milling cutter Dekton**

Usable length	$\emptyset$	Code	Usable length	$\emptyset$	Code
35	24	CF-135-FBC	48	24	CF-245-FBC

Range of application: CNC-processing machines; Mounting: R $\frac{1}{2}$ "

Reference: Incremental use - Rpm: 8000 - 10000 1/min, feed rate: 500 - 600 mm/min.


**FBM**

**Milling cutter for marble & limestone**
**MLTK**

Usable length	$\emptyset$	Code	Usable length	$\emptyset$	Code
35	16	CF-135-FBM	45	30	CF-345-FBM
35	20	CF-235-FBM	65	20	CF-265-FBM
45	16	CF-145-FBM	100	20	CF-200-FBM
45	20	CF-245-FBM			



Range of application: CNC-processing machines; Mounting: R $\frac{1}{2}$ "

Reference: Incremental use in material thickness >4cm.

Rpm: 5000 - 6500 1/min, feed rate: 500 - 700 mm/min.

**FBG**

**Milling cutter for granite & engineered stone**
**GLES**

Usable length	$\emptyset$	Code	Usable length	$\emptyset$	Code
35	16	CF-135-FBG	45	30	CF-345-FBG
35	20	CF-235-FBG	65	20	CF-265-FBG
45	16	CF-145-FBG	100	20	CF-200-FBG
45	20	CF-245-FBG			



Range of application: CNC-processing machines; Mounting: R $\frac{1}{2}$ "

Reference: Incremental use in material thickness >4cm.

Rpm: 5000 - 6500 1/min, feed rate: 400 - 600 mm/min.



## FFD-M

### Milling cutter



L G E S

- segmented
- for engineered stone & granite
- for fast and professional processing
- with internal water supply
- with drilling segment
- for incremental use

Usable length	$\varnothing$	Code	Usable length	$\varnothing$	Code
70	30	CF-307-FDM	120	30	CF-312-FDM
100	30	CF-310-FDM	150	30	CF-315-FDM

Range of application: CNC-processing machines; Mounting: R½"

Reference: Incremental use in material thickness >2cm.

Rpm: 5000 - 6000 1/min, feed rate: 200 - 500 mm/min.



## FBG-M

### Milling cutter



M L T K G C

- electroplated
- for marble & limestone
- for fast and professional processing
- with internal water supply
- transversal groove for incremental use
- high removal rate

Usable length	$\varnothing$	Covered length	Code
70	10	30	CF-107-FGM
100	20	30	CF-210-FGM
120	20	30	CF-212-FGM
70	30	30	CF-307-FGM
100	30	30	CF-310-FGM
120	30	30	CF-312-FGM
150	30	30	CF-315-FGM

Range of application: CNC-processing machines; Mounting: R½"

Reference: incremental use in material thickness >3cm.

Rpm: 5000 - 6500 1/min, Feed rate: 500 - 700 mm/min.



## FFM

### Milling heads for marble & limestone



M L T K

- electroplated exchangeble heads
- for marble & limestone
- for adaptor mounting (as shown below)
- with internal water supply
- for incremental use
- for fast & professional processing

Type	$\varnothing$	Material	Version	Code
M10	20	marble	electroplated	CF-210-FFM
M12	20	marble	electroplated	CF-212-FFM

Range of application: CNC-processing machines; Mounting: M10 / M12

Reference: Only for incremental use.

Rpm: 5000 - 6500 1/min, feed rate: 500 - 700 mm/min.

**FFG**

**G E C S**
**Milling heads for granite & engineered stone**

- sintered exchangeable heads
- for eng. stone, granite & very hard granite
- for adaptor mounting (as shown below)
- with internal water supply
- for incremental use
- for fast & professional processing

Type	$\varnothing$	Material	Version	Code
M10	20	granite & eng. stone	fine & precisely	CF-2F0-FFG
M12	20	granite & eng. stone	fine & precisely	CF-2F2-FFG
M10	20	for very hard granite	coarse & fast	CF-2G0-FFG
M12	20	for very hard granite	coarse & fast	CF-2G2-FFG



Range of application: CNC-processing machines; Mounting: M10 / M12

Reference: Only for incremental use.

Rpm: 6000 - 8500 1/min, feed rate: 500 - 1350 mm/min.

**FFC**

**C**
**Milling heads for Dekton / Ceramic**

- sintered exchangeable heads
- for Dekton & Ceramic
- for adaptor mounting (as shown below)
- with internal water supply
- for incremental use
- for precise and professional processing

Type	$\varnothing$	Material	Version	Code
M10	20	Dekton / Ceramic	fine & precisely	CF-2F0-FFC
M12	20	Dekton / Ceramic	fine & precisely	CF-2F2-FFC



Range of application: CNC-processing machines; Mounting: M10 / M12

Reference: Only for incremental use.

Rpm: 7500 - 10000 1/min, feed rate: 500 - 1200 mm/min.

# Accessories


**Adaptor for FFG & FFM**

- made of steel with high tensile strength
- with M10 or M12 thread
- R $\frac{1}{2}$ " machine mounting
- for exchangeable milling heads FFG & FFM

Usable length	$\varnothing$	Version	Code	Usable length	$\varnothing$	Version	Code
60	18	M10	Z-A-060	120	18	M10	Z-A-120
60	18	M12	Z-A-062	120	18	M12	Z-A-122
100	18	M10	Z-A-100	150	18	M10	Z-A-150
100	18	M12	Z-A-102	150	18	M12	Z-A-152



Left-hand thread on request





## Frangistone (Pos. 0)

**MLGE**



### marble / granite / engineered stone

The patented FRANGISTONE WHEEL, in order to speed working process. It removes 60% of the material, reduced production costs, at speeds 4 times faster than traditional technology, very fast grinding and longer lifespan to the following wheel. Interchangeable diamond elements on all profiles, feed rate up to 5000mm/min in one pass and can be used before any other manufacturer's wheel. With M8 or M10 thread.



## Razorstone (Pos. 1)

**MLTGESK**



### marble / granite / engineered stone

Original patented Razorstone precutter (Position 1) with rotating toucher for professional edge conditioning on manual machines. 5 times faster than the commonly used old style segmented wheels. 50% cost reduction due to longer life span compared to segmented wheels available on the market.

**Recommendations:** Rpm: 4500 1/min, feed rate: 3000mm/min.



## Perfect Form / Professional (Pos. 1 & 2) granite / engineered stone

**G E**



Profile wheel (Position 1 & 2) with rotating toucher for **professional** edge conditioning on **manual machines**. It is fundamental for grinding step. Thanks to the modern and innovative sinterization process it allows fastest grinding and long lifespan, with M8 or M10 thread.

Perfecr Form 1 & 2: competitive oriented product with very good price-performance ratio.

Professional 1 & 2: uncompromising grinding performance with high shape retention and lifetime.

## Electroplated (Pos. 1 & 2) marble

**M L T S K**



## BiPower (Pos. 3)

**M L T G E S K**

**marble / granite / engineered stone**

The non-deformable wheel (Position 3) for the perfect profile rectification on manual machines. Thanks to its work the following polishing wheels will work in ideal conditions, have a longer lifespan and grant the perfect final polishing, with M8 or M10 thread.



## NewDiamaflex (Pos. 3, 4, 5, 6) marble



New flexible rubber wheel, specialy for Marble (Position 3,4,5,6) for the perfect profile with no scratches, excellent final polishing with unbeatable results on manual machines, with M8 or M10 thread.

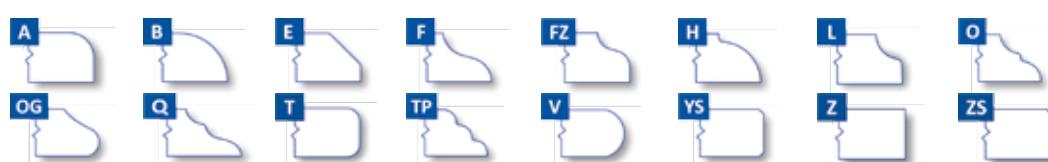


## LongLife (Pos. 4, 5, 6)

**M L T G E S K**

**marble / granite / engineered stone**

The innovative patented polishing system for making the polishing Longlife wheels. They are made with high-quality diamond on a rubber core. They allow to obtain a lot of advantages as a very long lifespan, halved working times, perfect profile with no scratches, excellent final polishing with unbeatable results on marble, granite and engineered stone, with M8 or M10 thread.





Profile	Frangi-stone	Razor-stone	Seg-mented Pos. 1	Perfekt Form Pos. 1	Perfekt Form Pos. 2	Profes-sional Pos. 1	Profes-sional Pos. 2	Electro-plated Pos. 1	Electro-plated Pos. 2	Bi-Power Pos. 3	LongLife Pos. 4, 5, 6	New Diamanflex Pos. 3,4,5,6
<b>A20r5</b>	--	--	--	--	--	PM-/P1	PM-/P2	--	--	PM-/B3	PM-/L4/L5/L6	--
<b>A20r10</b>	--	PM-/R	PM-/0	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	PM-3/4/5/6
<b>A30r5</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>A30r15</b>	--	PM-/R	PM-/0	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	PM-3/4/5/6
<b>A30r20</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>A40r20</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>B20</b>	--	PM-/R	PM-/0	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	PM-3/4/5/6
<b>B30</b>	PM-/F	PM-/R	PM-/0	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	PM-3/4/5/6
<b>E20</b>	--	PM-/R	--	PM-/1	PM-/2	--	--	--	--	--	--	--
<b>E30</b>	--	--	--	PM-/1	PM-/2	--	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>F20</b>	PM-/F	PM-/R	PM-/0	PM-/1	PM-/2	--	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>F30</b>	PM-/F	PM-/R	PM-/0	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>FZ30</b>	PM-/F	PM-/R	PM-/0	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>H20</b>	--	--	PM-/0	PM-/1	PM-/2	--	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	PM-3/4/5/6
<b>H30</b>	PM-/F	--	PM-/0	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>L20</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>L30</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>O20</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>O30</b>	PM-/F	PM-/R	PM-/0	--	PM-/2	--	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>OG30</b>	--	--	--	PM-/1	PM-/2	--	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>Q20</b>	--	--	--	PM-/1	PM-/2	--	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>Q30</b>	PM-/F	--	--	PM-/1	PM-/2	--	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>T20r3</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>T30r3</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>T30r5</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>T30r10</b>	--	PM-/R	--	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>T40r3,5</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>TP20</b>	--	--	--	--	--	PM-/P1	PM-/P2	--	--	PM-/B3	PM-/L4/L5/L6	--
<b>TP30</b>	PM-/F	PM-/R	--	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>V20</b>	--	PM-/R	PM-/0	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	PM-3/4/5/6
<b>V30</b>	--	PM-/R	PM-/0	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	PM-3/4/5/6
<b>V31,7</b>	--	--	PM-/0	PM-/1	PM-/2	PM-/P1	PM-/P2	--	--	PM-/B3	PM-/L4/L5/L6	--
<b>V40</b>	PM-/F	PM-/R	PM-/0	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	PM-3/4/5/6
<b>V50</b>	PM-/F	--	PM-/0	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>V60</b>	PM-/F	--	PM-/0	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>YS20 3x3</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>YS30 3x3</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	PM-/M1	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>Z30</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	--	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>Z50</b>	--	--	--	--	--	PM-/P1	PM-/P2	--	--	PM-/B3	PM-/L4/L5/L6	--
<b>ZS20</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	--	PM-/M2	PM-/B3	PM-/L4/L5/L6	--
<b>ZS30</b>	--	--	--	PM-/1	PM-/2	PM-/P1	PM-/P2	--	PM-/M2	PM-/B3	PM-/L4/L5/L6	--



### Part number? How do I order the right profile?

The structure of the part numbers for profile tools as follows:

PM- A20r5-P1

F - Frangistone  
 R - Razorstone  
 0 - Segmentado  
 1 - PerfektForm 1  
 2 - PerfektForm 2  
 P1 - Professional 1  
 P2 - Professional 2  
 M1 - Electroplated 1  
 M2 - Electroplated 2

B3 - BiPower  
 L4 - LongLife 4  
 L5 - LongLife 5  
 L6 - LongLife 6  
 3 - NewDiamanflex 3  
 4 - NewDiamanflex 4  
 5 - NewDiamanflex 5  
 6 - NewDiamanflex 6

Profile	Frangi-stone	Razor-stone	Seg-mentado Pos. 1	Perfekt From Pos. 1	Perfekt Form Pos. 2	Profes-sional Pos. 1
A20r5	--	--	--	--	--	PM- P1
A20r10	--	PM-/R	PM-/0	PM-/1	PM-/2	
	--					

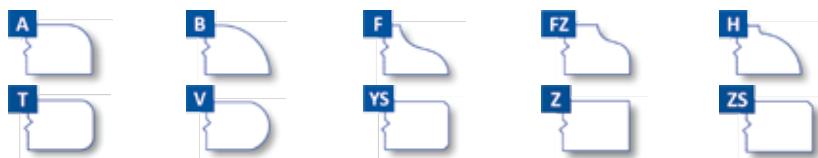
PM- Profile for manual machines (starting on page 56)  
 PS- Profile for semiautom. machines (starting on page 60)  
 PC- Profile for CNC-maschines (starting on page 62)



## IW Line (Pos. 0 - 6) **MLGE** marble / granite / engineered stone



This line is composed of profile wheels from fast grinding to brilliant polishing made according to patented technologies as Frangistone and Long-life. Profile wheels with internal water feed can be mounted on all semi-automatic machines (**Thibaut, OMA**) which use tools with rotating toucher, standard bore 22,2mm for **Machines with M8 or M10 thread**. Reference: Rpm: 4500 1/min, feed rate: 3000mm/min.



Profile	Frangi-stone	Seg-mented Pos. 0	Zenith Pos. 1	Zenith Pos. 2	Electro-plated Pos. 1	Electro-plated Pos. 2	Bi-Power Pos. 3	LongLife Pos. 4, 5, 6
A20r10	--	--	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
A30r5	--	--	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
A30r15	PS-/F	--	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
A30r20	PS-/F	--	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
A40r20	PS-/F	--	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
B20	PS-/F	--	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
B30	PS-/F	PS-/0	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
F20	PS-/F	PS-/0	--	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
F30	PS-/F	PS-/0	--	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
FZ30	PS-/F	PS-/0	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
H30	PS-/F	PS-/0	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
T30r5	--	--	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
V20	--	--	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
V30	PS-/F	PS-/0	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
V40	PS-/F	PS-/0	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
V50	PS-/F	PS-/0	--	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
YS20 3x3	--	--	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
YS30 3x3	--	--	PS-/Z1	PS-/Z2	PS-/M1	PS-/M2	PS-/B3	PS-/L4/L5/L6
Z30	--	--	PS-/Z1	PS-/Z2	--	PS-/M2	PS-/B3	PS-/L4/L5/L6
ZS20	--	--	PS-/Z1	PS-/Z2	--	PS-/M2	PS-/B3	PS-/L4/L5/L6
ZS30	--	--	PS-/Z1	--	--	PS-/M2	PS-/B3	PS-/L4/L5/L6





# vena

## Internal rectification tool **M L G E** marble / granite / engineered stone

Ø mm	Type	H mm	Code
40	Continuous rim	35	PS-435
80	segmented	33	PS-833
80		43	PS-843



Internal rectification tool with rotating toucher. Essential for processing the internal rim of the top's hole. Prepares the edge for grinding and polishing. Ø80mm - segmented, Ø40 - continuous rim.

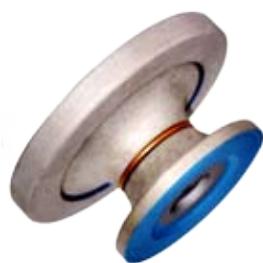


## Rectification tool **M L G E** marble / granite / engineered stone

Type	H mm	Code
sintered	30	PS-E03



Sintered rectification tool. Ideal for the processing of irregularly thick slabs. These tools are easily and quickly mounted on Marmolettromeccanica wheels for position 1. All the tools are made with the most advanced methods of syntherization, thus allowing by means of their durability and effectiveness for the best reduction of costs.



## Accessories

### Rotating toucher

#### Frangistone & profile wheels

For manual and semi-automatic machines steel-built with open or closed profiles. Attachable on Frangistone and profile wheels.

Type man. machines	Profile	Code
profile wheel	open profile	Z-PM01
Frangistone		Z-PM02
profile wheel	closed profile	Z-PM03
Frangistone		Z-PM04

Type semiautom. machines	Profile	Code
profile wheel	open profile	Z-PS01
Frangistone		Z-PS02
profile wheel	closed profile	Z-PS03
Frangistone		Z-PS04



### Adaptor

#### Frangistone & profile wheels

For manual and semi-automatic machines steel-built with R1/2" thread.

Type manual machines	H (complete) mm	Code
R 1/2"	60	Z-PM05

Type semiautom. machines	H (complete) mm	H (spigot) mm	Code
R 1/2"	82,5	28	Z-PS05
5/8" x 11 UNC	74,5	28	Z-PS06



### Screws & nuts

#### Frangistone & profile wheels

The respective screws and nuts for your tool. Available in fine ground high quality steel.





## XT-Tools

### granite / engineered stone

M L T G E S K C



CNC profile wheels for **granite and engineered stone** with **R½"** thread and a min. diameter of **20mm**.

**Pos. 1 & 2** electroplated profile wheel completed the grinding process and leaves a perfect prepared surface for the upcoming operating step. **Pos. 3** extra fine electroplated profile wheel, completes the smoothing process with a exceptional structure for the following polishing process. **Pos. 4, 5, 6** the polishing tool generated an superb polishing results on all granite and engineered stone types.

A

Profile	T mm	Ø- min	Ø- max	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
A30r5	30	20	34	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
A30r10	30	20	44	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
A30r15	30	20	54	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
A40r5	40	20	34	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
A40r10	40	20	44	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
A40r15	40	20	54	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS

AS

Profile	T mm	Ø- min	Ø- max	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
A30Sr5	30	20	34	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
A30Sr10	30	20	44	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
A30Sr15	30	20	54	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
A40Sr5	40	20	34	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
A40Sr10	40	20	44	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
A40Sr15	40	20	54	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS





Profile	T mm	Ø- min	Ø- max	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
CD30	30	20	20	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
CD40	40	20	20	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
CD50	50	20	20	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS

CD

Profile	T mm	Ø- min	Ø- max	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
CD1S20	30	20	20	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
CD1S30	40	20	20	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
CD1S40	50	20	20	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS

CD1S

Profile	T mm	Ø- min	Ø- max	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
CS1S20	30	20	33	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
CS1S30	40	20	33	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
CS1S40	50	20	33	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS

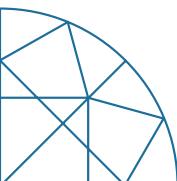
CS1S

Profile	T mm	Ø- min	Ø- max	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
CD2S20	20	20	33	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
CD2S30	30	20	33	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
CD2S40	40	20	33	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS

CD2S

Profile	T mm	Ø- min	Ø- max	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
T20r5	20	20	33	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
T30r5	30	20	33	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
T30r10	40	20	45	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
T40r5	40	20	33	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS
T40r10	40	20	45	PC-/T1	PC-/T2	PC-/T3	PC-/T4	PC-/T5	PC-/T6	PC-/TS

T



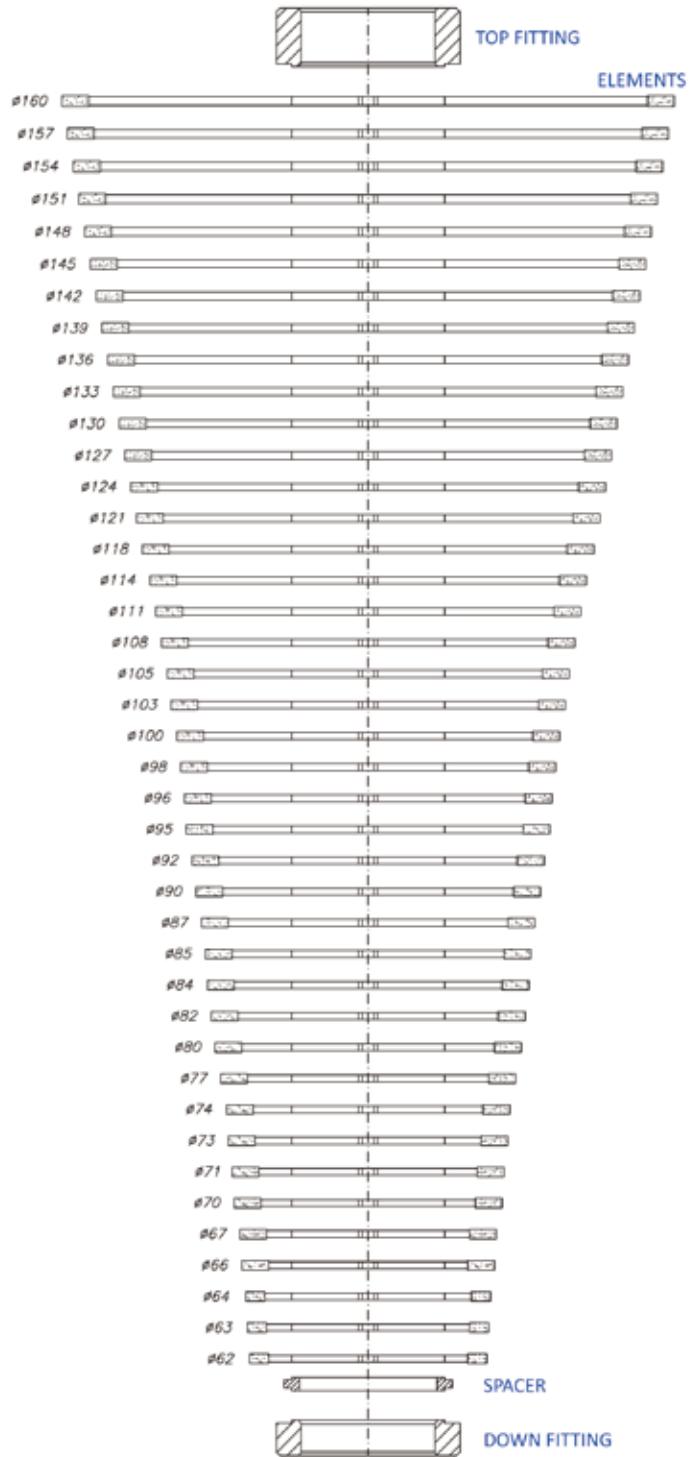


## CNC Frangistone single-elements granite / engineered stone



The innovative and patented FRANGISTONE WHEEL, in order to speed working process. **Interchangeable diamond elements** on all profiles, feed rate up to 5000mm/min in one pass, can be used before any other manufacturer's wheel.

MLGE

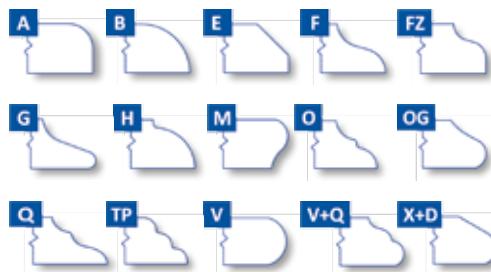


<b>Ø</b>	<b>W</b>	<b>Code</b>
160	2mm	PC-F01
157	2mm	PC-F02
154	2mm	PC-F03
151	2mm	PC-F04
148	2mm	PC-F05
145	2mm	PC-F06
142	2mm	PC-F07
139	2mm	PC-F08
136	2mm	PC-F09
133	2mm	PC-F10
130	2mm	PC-F11
127	2mm	PC-F12
124	2mm	PC-F13
121	2mm	PC-F14
118	2mm	PC-F15
114	2mm	PC-F16
111	2mm	PC-F17
108	2mm	PC-F18
105	2mm	PC-F19
103	2mm	PC-F20
100	2mm	PC-F21
98	2mm	PC-F22
96	2mm	PC-F23
95	2mm	PC-F24
92	2mm	PC-F25
90	2mm	PC-F26
87	2mm	PC-F27
85	2mm	PC-F28
84	2mm	PC-F29
82	2mm	PC-F30
80	2mm	PC-F31
77	2mm	PC-F32
74	2mm	PC-F33
73	2mm	PC-F34
71	2mm	PC-F35
70	2mm	PC-F36
67	2mm	PC-F37
66	2mm	PC-F38
64	2mm	PC-F39
63	2mm	PC-F40
62	2mm	PC-F41





# vena



## CNC Frangistone profile marble / granite / eng. Stone



The patented wheel that cuts costs and boosts output! We offer the innovative and patented **FRANGISTONE** profile wheel, in order to speed working times up. It grants 60% of profiling work, production costs and working times 4 times lower than traditional technology, a fast grinding and a longer lifespan to the segmented wheel position 0. Standard hole 35mm. For holes 20, 22, 25, 30mm adaptor is available.



M  
L  
G  
E

Profile	Code	Profile	Code	Profile	Code	Profile	Code	Profile	Code
A20r10	PC-/F	E20	PC-/F	G30	PC-/F	OG30	PC-/F	V31,7	PC-/F
A30r15	PC-/F	E30	PC-/F	H20	PC-/F	Q20	PC-/F	V40	PC-/F
A30r20	PC-/F	E40	PC-/F	H30	PC-/F	Q30	PC-/F	V50	PC-/F
A40r20	PC-/F	F20	PC-/F	M30	PC-/F	TP20	PC-/F	V60	PC-/F
B20	PC-/F	F30	PC-/F	O20	PC-/F	TP30	PC-/F	V+Q30	PC-/F
B30	PC-/F	FZ30 r10	PC-/F	O30	PC-/F	V20	PC-/F	X+D20	PC-/F
B30 r25	PC-/F	FZ40 r10	PC-/F	OG20	PC-/F	V30	PC-/F	X+D30	PC-/F

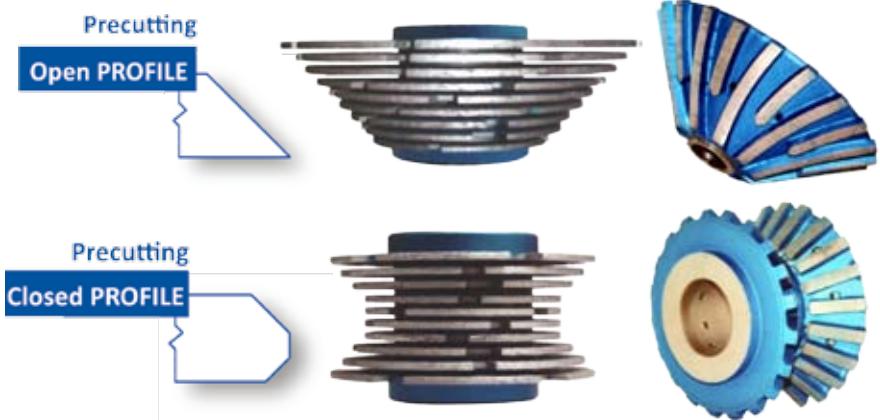
## CNC Frangistone open & closed profile granite / engineered stone



Frangistone open & closed profiles for professional edge conditioning on CNC machines.

Open profile	Ø min / max	H mm	Code
Frangistone	--	32	PC-OP-F
segmented	62 / 126	32	PC-OP-0
Zenith	62 / 126	32	PC-OP-1

also available in height 42mm



## CNC Razorstone marble / granite / engineered stone

Original patented Razorstone precutter for edge conditioning on **CNC machines**. 5 times faster than the commonly used old style segmented wheels. 50% cost reduction due to longer life span compared to segmented wheels available on the market.

Profile	Code	Profile	Code	Profile	Code	Profile	Code
A20r10	PC-/R	A40r20	PC-/R	E30	PC-/R	M30	PC-/R
A30r15	PC-/R	B20	PC-/R	E40	PC-/R	Z30	PC-/R
A30r20	PC-/R	B30	PC-/R	F20	PC-/R	V20	PC-/R
		B30 r25	PC-/R	F30	PC-/R	V30	PC-/R
		E20	PC-/R	H30	PC-/R	V31,7	PC-/R





## XT - Tools

### granite & engineered stone



CNC profile wheel for granite and engineered stone with standard bore Ø35mm and a min. diameter of 60mm.

**Pos. 0** Segmented profile wheel with replaceable, sintered segments for effective shaping process. **Pos. 1 & 2** Electroplated profile wheel completed the grinding process and leaves a perfect prepared surface for the upcoming operating step. **Pos. 3** Extra fine electroplated profile wheel, completes the smoothing process with a exceptional structure for the following polishing process. **Pos. 4, 5, 6** Polishing tools, generated excellent polishing results on all granite and engineered stone types.

Profile	H	T	Ø- min	Ø- max	r / S		Pos. 0	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
<b>2G</b>														
2G20r10	42	20	60	104	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
2G30r15	42	30	60	125	15	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
<b>3G</b>														
3G20r6	42	20	60	105	6	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
3G30r10	42	30	60	126	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
<b>A</b>														
A20r5	42	20	60	74	5	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
A20r10	42	20	60	84	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
A20r15	42	20	60	94	15	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
A30r5	42	30	60	80	5	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
A30r10	42	30	60	84	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
A30r15	42	30	60	94	15	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
A30r20	50	30	60	104	20	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
A40r10	50	40	60	84	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
A40r15	50	40	60	94	15	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
A40r20	50	40	60	104	20	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
A50r25	60	50	60	114	25	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
A60r30	70	60	60	124	30	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
A80r40	90	80	60	134	40	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
<b>B</b>														
B20r20	50	20	60	104	20	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
B30r30	42	30	60	126	30	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
B40r40	52	40	60	146	40	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	





Profile	H	T	Ø- min	Ø- max	r / S		Pos. 0	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
<b>CD</b>														
CD40	50	40	70	70	----	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
CD60	70	60	70	70	----	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
<b>CD1S</b>														
CD1S20	30	20	60	74	5	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
CD1S30	40	30	60	74	5	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
CD1S40	50	40	60	74	5	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
<b>CD2S</b>														
CD2S20	30	20	60	74	5	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
CD2S203	30	20	60	74	3	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
CD2S30	40	30	60	74	5	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
CD2S303	40	30	60	74	3	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
CD2S40	50	40	60	74	5	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
CD2S403	50	40	60	74	3	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
<b>D</b>														
D20	42	20	60	103	7,5	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
D30	51	30	60	125	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
D40	50	40	60	136	13,5	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
<b>E</b>														
E20/E30	42	20/30	60	94	15	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
E40	50	40	60	100	20	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
<b>F</b>														
F20r10	42	20	60	100	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
F30r15	42	30	60	120	15	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
F40r20	50	40	60	140	20	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
<b>FCD</b>														
FCD20r5	42	20	60	80	5	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
FCD30r10	42	30	60	100	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
FCD40r15	50	40	60	120	15	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
<b>G</b>														
G20	39	20	60	96	10 / 4,5	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
G30	42	30	60	110	15 / 6	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	





Profile	H	T	Ø- min	Ø- max	r / S	Pos. 0	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
H20r15	42	20	60	80	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
H30r20	42	30	60	100	20	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
H40r35	42	40	60	130	35	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
HR25+5+3	42	30	70	120	25	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
I20r6	34	20	60	66	6	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
I30r10	42	30	60	84	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
I40r15	46	40	60	92	15	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
L20r10	42	20	60	80	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
L30r15	42	30	60	90	15	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
L40r20	50	40	60	100	20	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
L50r25	55	50	60	110	25	PC-/C0	PC-/C1	PC-/C2	PC-/C3	-----	-----	-----	PC-/CS
L60r30	65	60	60	120	30	PC-/C0	PC-/C1	PC-/C2	PC-/C3	-----	-----	-----	PC-/CS
M20	30	20	60	73	5 / 10	-----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
M30	42	30	60	80	8 / 15	-----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
M40	50	40	60	90	10 / 20	-----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
N20	36	20	60	71	4	-----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
N30	42	30	60	80	6 / 18	-----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
N40	42	40	60	90	10 / 20	-----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
O20r9	42	20	60	96	9	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
O30r13	42	30	60	110	13	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
O40r17	50	40	60	124	17	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
Q20r9	36	20	60	96	9	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS
Q30r13	42	30	60	110	13	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS





Profile	H	T	Ø-min	Ø-max	r / S		Pos. 0	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
						T								
T20r5	42	20	60	80	5	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
T30r5	46	30	60	80	5	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
T30r10	46	30	60	90	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
T40r5	54	40	60	80	5	----	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
T40r10	54	40	60	90	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
T40r15	54	40	60	95	15	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
						V								
V20r10	36	20	60	84	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
V25r12,5	36	25	60	89	12,5	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
V27r13,5	46	27	60	90	13,5	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
V30r15	46	30	60	94	15	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
V32r16	46	32	60	94	15,3	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
V40r20	54	40	60	104	20	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
V50r25	60	50	60	114	25	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
V60r30	70	60	60	124	30	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
V80r40	90	80	60	134	40	PC-/C0	PC-/C1	PC-/C2	PC-/C3	----	----	----	PC-/CS	
						Z								
Z20	42	20	60	92	10	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
Z30	42	30	60	108	18	PC-/C0	PC-/C1	PC-/C2	PC-/C3	PC-/C4	PC-/C5	PC-/C6	PC-/CS	
Z40	50	40	60	116	23	PC-/C0	PC-/C1	PC-/C2	PC-/C3	----	----	----	PC-/CS	



Tool holder and quick-change systems on Page 84





## XT - Tools

### Marble

CNC profile wheels for **marble** with standard bore Ø35mm and a min. diameter of 60mm.

**Pos. 1 & 2** Electroplated profile wheel completed the grinding process and leaves a perfect prepared surface for the upcoming operating step. **Pos. 3** Extra fine electroplated profile wheel completes the smoothing process with a exceptional structure for the following polishing process. **Pos. 4, 5, 6** Polishing tools generated one excellent polishing results on all marmor types.

MLTSK



Profile	H	T	Ø-min	Ø-max	r / S	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
2G												
2G20r10	42	20	60	104	10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
2G30r15	42	30	60	125	15	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
3G												
3G20r6	42	20	60	105	6	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
3G30r10	42	30	60	126	10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
A												
A20r5	42	20	60	74	5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
A20r10	42	20	60	84	10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
A20r15	42	20	60	94	15	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
A30r5	42	30	60	80	5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
A30r10	42	30	60	84	10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
A30r15	42	30	60	94	15	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
A30r20	50	30	60	104	20	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
A40r10	50	40	60	84	10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
A40r15	50	40	60	94	15	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
A40r20	50	40	60	104	20	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
A50r25	60	50	60	114	25	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
A60r30	70	60	60	124	30	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
A80r40	90	80	60	134	40	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS



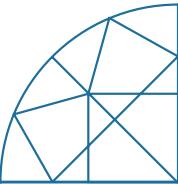


Profile	H	T	Ø- min	Ø- max	r / S	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
B												
B20r20	50	20	60	104	20	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
B30r30	42	30	60	126	30	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
B40r40	52	40	60	146	40	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
CD												
CD40	50	20/30/40	70	70	----	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
CD60	70	60	70	70	----	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
CD1S												
CD1S20	30	20	60	74	5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
CD1S30	40	30	60	74	5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
CD1S40	50	40	60	74	5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
CD2S												
CD2S20	30	20	60	74	5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
CD2S203	30	20	60	74	3	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
CD2S30	40	30	60	74	5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
CD2S303	40	30	60	74	3	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
CD2S40	50	40	60	74	5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
CD2S403	50	40	60	74	5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
D												
D20	42	20	60	103	7,5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
D30	51	30	60	125	10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
D40	50	40	60	136	13,5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
E												
E2030	42	20/30	60	94	15	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
E40	50	40	60	100	20	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
F												
F20r10	42	20	60	100	10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
F30r15	42	30	60	120	15	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
F40r20	50	40	60	140	20	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
FCD												
FCD20r5	42	20	60	80	5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
FCD30r10	42	30	60	100	10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
FCD40r15	50	40	60	120	15	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS





Profile	H	T	Ø- min	Ø- max	r / S	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
G20	39	20	60	96	10 / 4,5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
G30	42	30	60	110	15 / 6	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
H20r15	42	20	60	80	10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
H30r20	42	30	60	100	20	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
H40r35	42	40	60	130	35	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
HR25+5+3	42	30	70	120	25	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
I20r6	34	20	60	66	6	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
I30r10	42	30	60	84	10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
I40r15	46	40	60	92	15	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
L20r10	42	20	60	80	10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
L30r15	42	30	60	90	15	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
L40r20	50	40	60	100	20	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
L50r25	55	50	60	110	25	PC-/M1	PC-/M2	PC-/M3	-----	-----	-----	PC-/MS
L60r30	65	60	60	120	30	PC-/M1	PC-/M2	PC-/M3	-----	-----	-----	PC-/MS
M20	30	20	60	73	5 / 10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
M30	42	30	60	80	8 / 15	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
M40	50	40	60	90	10 / 20	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
N20	36	20	60	71	4	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
N30	42	30	60	80	6 / 18	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
N40	42	40	60	90	10 / 20	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
O20r9	42	20	60	96	9	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
O30r13	42	30	60	110	13	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
O40r17	50	40	60	124	17	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
Q20r9	36	20	60	96	9	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
Q30r13	42	30	60	110	13	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS





Profile	H	T	Ø-min	Ø-max	r / S	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Set
<b>T</b>												
T20r5	42	20	60	80	5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
T30r5	46	30	60	80	5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
T30r10	46	30	60	90	10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
T40r5	54	40	60	80	5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
T40r10	54	40	60	90	10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
T40r15	54	40	60	95	15	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
<b>V</b>												
V20r10	36	20	60	84	10	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
V25r12,5	36	25	60	89	12,5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
V27r13,5	46	27	60	90	13,5	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
V30r15	46	30	60	94	15	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
V32r16	46	32	60	94	15,3	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
V40r20	54	40	60	104	20	PC-/M1	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
V50r25	60	50	60	114	25	617,-€	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
V60r30	70	60	60	124	30	747,-€	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
V80r40	90	80	60	134	40	1.046,-€	PC-/M2	PC-/M3	-----	-----	-----	PC-/MS
<b>Z</b>												
Z20	42	20	60	92	10	258,-€	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
Z30	42	30	60	108	18	308,-€	PC-/M2	PC-/M3	PC-/M4	PC-/M5	PC-/M6	PC-/MS
Z40	50	40	60	116	23	470,-€	PC-/M2	PC-/M3	-----	-----	-----	PC-/MS

Tool holder and quick-change systems on Page 84





## CNC Line 40 (Pos. 0 - 6)

### marble / granite / engineered stone

**MLGE**



Profiling and polishing wheels (Position 0 - 6) with a min. diameter of Ø40mm and standard hole Ø22mm. These wheels allow to work on internal concave corners till a minimum radius of 25mm and also on external edges. Thanks to Z axis alignment of the complete wheel set, to the measures indicated on each wheel and to our working parameters, your CNC machine set up will be easier.

#### - Pos.0 Segmented: For granite and engineered stone.

It is fundamental for grinding step. It is made with helicoidal segments to avoid hammer effect. Thanks to the modern and innovative sinterization process it allows fastest grinding and long lifespan.

#### - Pos.1&2 Zenith: For granite and engineered stone.

Sintered profiling wheels position1 and 2 which keep their shape over their entire lifespan and do not need to be rectified. The application of our innovative technologies grant these advantages.

#### - Pos.3 Bi-Power: For marble, granite and engineered stone.

The non-deformable wheel for the perfect profile rectification. Thanks to its work the following polishing wheels will work in ideal conditions, have a longer lifespan and grant the perfect final polishing.

#### - Pos. 4 - 6 LongLife: For marble, granite and engineered stone.

The latest diamond polishing wheels. The innovative patented polishing system for making the polishing Longlife wheels. They are made with high-quality diamond on a rubber core. They allow to obtain a lot of advantages as a very long lifespan, halved working times, perfect profile with no scratches, excellent final polishing with unbeatable results on marble, granite and engineered stone

#### - Pos.1&2 Electroplated: For marble.

Our electroplated wheels are made following the modern and innovative electroplated process which grants a very good grinding power and a long lifespan.



Profile	Seg- mented Pos. 0	Zenith Pos. 1	Zenith Pos. 2	Bi- Power Pos. 3	LongLife Pos. 4, 5, 6	Complete set Pos. 1-6	Electro- plated Pos. 1	Electro- plated Pos. 2
A30r6	--	PC-/14	PC-/24	PC-/34	PC-/44/54/64	PC-/S4	PC-/14M	PC-/24M
A30r15	PC-/04	PC-/14	PC-/24	PC-/34	PC-/44/54/64	PC-/S4	PC-/14M	PC-/24M
E40	PC-/04	PC-/14	PC-/24	PC-/34	PC-/44/54/64	PC-/S4	PC-/14M	PC-/24M
T20r2,5	--	PC-/14	PC-/24	PC-/34	PC-/44/54/64	PC-/S4	PC-/14M	PC-/24M
T30r3	--	PC-/14	PC-/24	PC-/34	PC-/44/54/64	PC-/S4	PC-/14M	PC-/24M
T30r5	--	PC-/14	PC-/24	PC-/34	PC-/44/54/64	PC-/S4	PC-/14M	PC-/24M
V30	PC-/04	PC-/14	PC-/24	PC-/34	PC-/44/54/64	PC-/S4	PC-/14M	PC-/24M
YS20 3x3	--	PC-/14	PC-/24	PC-/34	PC-/44/54/64	PC-/S4	PC-/14M	PC-/24M
YS30 3x3	--	PC-/14	PC-/24	PC-/34	PC-/44/54/64	PC-/S4	PC-/14M	PC-/24M
Z40	--	PC-/14	PC-/24	PC-/34	PC-/44/54/64	PC-/S4	PC-/14M	PC-/24M
ZS40	--	PC-/14	PC-/24	PC-/34	PC-/44/54/64	PC-/S4	PC-/14M	PC-/24M



## CNC Perfector

**M L G E**

**marble / granite / engineered stone**



**cnc  
TECHNOLOGY**



<b>Ø</b> <b>mm</b>	<b>H</b> <b>mm</b>	<b>Code</b>
40	45	PC-PF45
40	60	PC-PF60



Tool holder and quick-change systems on page 84





## MD-R



**CNC**  
TECHNOLOGY

### Drainboard cutter (Pos. 0)

**MLTGEKS**

● for marble (electroplated)	● tool height: 24mm (20mm electroplated)								
● for granite and eng. stone (segmented)	● Ø88mm also suitable for calibration								
Ø	Bore	Material	Version	Code	Ø	Bore	Material	Version	Code
50	14	granite	segm.	D-5G0	88	50	granite	segm.	D-8G0
50	14	marble	electrop.	D-5M0	88	50	eng. stone	segm.	D-8C0
					88	50	marble	electrop.	D-8M0

Range of application: CNC-processing machines;

Mounting: Standard flange connection (tool holder on page 84/89)



## RFS



### Drainboard tools 45° & 60°

**MLTGEKS**

Angle	Ø	Material	Version	Pos.	Code
45°	100	granite & marble	electroplated for grinding & smoothing	1	D-4RS01
				2	D-4RS02
				2F	D-4RS2F
	100	granite & marble	advanced technology polishing tools	3	D-4RS03
				4	D-4RS04
				5	D-4RS05
60°	100	granite & marble	electroplated for grinding & smoothing	6	D-4RS06
				1	D-6RS01
				2	D-6RS02
	100	granite & marble	advanced technology polishing tools	3	D-6RS03
				4	D-6RS04
				5	D-6RS05
				6	D-6RS06

Range of application: CNC-processing machines;

Mounting: Tool holder Ø35mm (tool holder on Page 84)

**TWC**

**Drainboard flat polisher**
**M L T G E K S**

- with resin bond
- for granite, marble and eng. stone

- achieves perfect brilliance & deep gloss
- advanced technology tool

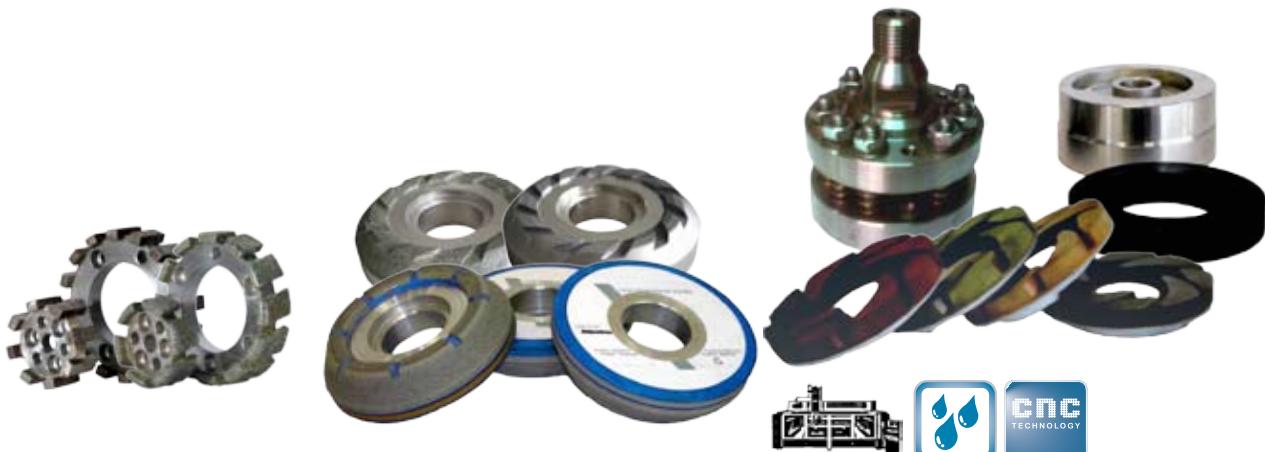
<b>Ø</b>	<b>Material</b>	<b>Version</b>	<b>Pos.</b>	<b>Code</b>
100	granite - marble - eng. stone	advanced technology polishing tools	1P	D-4TC01
100	granite - marble - eng. stone		2P	D-4TC02
100	granite - marble - eng. stone		3P	D-4TC03
100	granite - marble - eng. stone		4P	D-4TC04
100	granite - marble - eng. stone		5P	D-4TC05

Range of application: CNC-processing machines;

Mounting: Standard SF (snail lock) mounting for adaptor with absorption

**Mounting for TWC**

<b>For type</b>	<b>Model</b>	<b>Code</b>
each drainboard flat polisher	SF-mounting with absorption	Z-A-TC
drainboard flat polisher Pos. 5P	special synthetic ring for Pos. 5P	Z-A-TP


**Complete drainboard system**
**M L T G E K S**

- includes a drainboard cutter MD-R Ø88mm, Pos. 0, for marble, granite or engineered stone
- one set drainboard tools Pos. 1 up to Pos. 6, with 45° or 60° degree for marble or granite
- one set drainboard flat polisher Pos. 1P up to 5P for marble or granite
- one adaptor set with vibration absorber and special synthetic ring for Pos. 5

● Set for 45°: D-CS45

Set for 60°: D-CS60

Range of application: CNC-processing machines;


**RS**


## Grooving blades Ø130mm

**M L T G E K S**

- Position 1 - 2 - 3 electroplated
- Position 4 - 5 - 6 advanced-technology
- set for marble, granite & engineered stone
- V-shape 90° or with radius 5mm

Pos.	V-shape	Version	Code	Pos.	Radius	Version	Code
1	90°	electroplated	D-SV01	1	5	electroplated	D-SR01
2	90°	electroplated	D-SV02	2	5	electroplated	D-SR02
3	90°	electroplated	D-SV03	3	5	electroplated	D-SR03
4	90°	advanced technology	D-SV04	4	5	advanced technology	D-SR04
5	90°	advanced technology	D-SV05	5	5	advanced technology	D-SR05
6	90°	advanced technology	D-SV06	6	5	advanced technology	D-SR06

Range of application: CNC-processing machines;  
Mounting: Bore 50mm


**RF**


## Grooving tools

**M L T G E K S**

- Position 1 - 2 - 3 electroplated
- Position 4 - 5 - 6 advanced-technology
- set for marble, granite & engineered stone
- for creating of water grooves on drainboards

Pos.	Radius	H mm	Version	Code	Pos.	Radius	H mm	Version	Code
1	5	30	electroplated	D-F051	1	10	30	electroplated	D-F101
2	5	30	electroplated	D-F052	2	10	30	electroplated	D-F102
3	5	30	electroplated	D-F053	3	10	30	electroplated	D-F103
4	5	30	advanced technology	D-F054	4	10	30	advanced technology	D-F104
5	5	30	advanced technology	D-F055	5	10	30	advanced technology	D-F105
6	5	30	advanced technology	D-F056	6	10	30	advanced technology	D-F106

Range of application: CNC-processing machines;  
Mounting: R½"



**BSS**

**Basin tools grinding, smoothing & polishing**
**ML T G S K A**

- sintered, electroplated & soldered by vacuum
- Bi-Power & Long-Life - Technology for polish
- for processing of massive basins
- tool with high process efficiency

Pos.	Ø mm	H mm	Radius mm	Grit size	Material	Version	Code
1	85	60	25	30/40	marble	soldered	D-BSM01
1	85	60	25	--	granite	segmented	D-BSG01
2	85	60	25	100/120	marble	soldered	D-BSM02
2	85	60	25	--	granite	segmented	D-BSG02
3	85	60	25	--	granite marble	Bi Power	D-BSU03
4	85	60	25	--	granite marble	LongLife	D-BSU04
5	85	60	25	--	granite marble	LongLife	D-BSU05
6	85	60	25	--	granite marble	LongLife	D-BSU06


**Basin tools - abrasive brushes**
**ML T G S K A**

- abrasive brushes with diamond grit
- for granite and marble
- for antique look for the inner side of basins
- Tool with high process efficiency

Pos.	Ø mm	H mm	Radius mm	Grit size	Material	Version	Code
1	85	60	25	46	granite marble	antique look	D-BSB01
2	85	60	25	80	granite marble	antique look	D-BSB02
3	85	60	25	120	granite marble	antique look	D-BSB03

Range of application: multifunctional machines, CNC-processing machines;  
Mounting: Mountingsystem on page 88.

**SWG**

**Basin smoother**
**ML T G S K A**

- electroplated
- on customer request also with rotating toucher
- for manual created basins recesses
- 0- coarse-, 1- medium- and 2- smoothing
- equals and smoothed
- with internal water supply
- for marble, limestone & granite



Ø	Position	Width	Code
65	0 1 2	as desired	D-SG06-X
75	0 1 2	as desired	D-SG07-X
100	0 1 2	as desired	D-SG10-X

Range of application: Multifunctional machines, CNC-processing machines;  
Mounting: R $\frac{1}{2}$ " - (as desired) - Please specify X=grit size ( 0 1 2 ) at part number.



## F45-FD

### 45° Chamfer cutter for top and bottom sides

- with internal water supply
- for granite, engineered stone & ceramics
- for uniform chamfers on inside and outside edges
- 2 x 45° - open profile
- Pos. 2 & 3 with synthetic filling
- for vibration-free and clean smoothing

Position	$\emptyset$	Code
0	40	FW-45D0
1	40	FW-45D1
2	40	FW-45D2

Range of application: CNC-processing machines;  
Mounting: M12 for Adaptor  
Reference: Adaptor on page 55.



## F45-G

### 45° Chamfer cutter

- electroplated
- for marble, limestone & granite
- for uniform chamfers on inside and outside edges
- special for small corner radii up to 5mm
- 45° - open profile
- with internal water supply

Position	$\emptyset$	Code
1	45	FW-45G1
2	45	FW-45G2
3	45	FW-45G3

Range of application: CNC-processing machines;  
Mounting: R½"Gas



## E45-G

### 45° Chamfer cutter

- electroplated
- for marble, limestone & granite
- for uniform chamfers on inside and outside edges
- simultaneously chamfering of top & bottom sides
- 2 x 45° - open profile
- with internal water supply

Position	$\emptyset$	Code
1	45	FW-45E1
2	45	FW-45E2
3	45	FW-45E3

Range of application: CNC-processing machines;  
Mounting: R½"Gas  
Reference: Up to a max. material thickness of 30mm

**FPD**
**45° Chamfer polishing system**
**M L T G E S K C**


- resin bond
- for granite & engineered stone
- for polishing of uniform chamfers

- on outside and (inside edges, radius >50mm)
- 2 x 45° - open profile

Grit size	Ø	Degree	Mounting	Code	Grit size	Ø	Degree	Mounting	Code
50	100	45°	M14	FW-45R1	800	100	45°	M14	FW-45R5
100	100	45°	M14	FW-45R2	1500	100	45°	M14	FW-45R6
200	100	45°	M14	FW-45R3	3000	100	45°	M14	FW-45R7
400	100	45°	M14	FW-45R4	P	100	45°	M14	FW-45R8

Range of application: CNC processing machines;  
Mounting: M14 thread (adaptor & extensions see below)  
Reference: Up to a max. chamfer height of 9mm



## Accessories


**Mounting R 1/2" - M14 for FPD**

- mounting R 1/2" on M14
- with wrench size 22mm & water hole

Mounting	Code
R 1/2" - M14	Z-A2M4


**Extension R 1/2" for FPD**

- extension R 1/2" steel gunmetal
- with wrench size 22mm & water hole

Mounting	Length	Ø	Code
R 1/2"	100	30	Z-V010
R 1/2"	200	30	Z-V020





## SWK



### Bas-relief tools

- electroplated tool
- for marble, limestone & granite
- with replaceable head
- with conical shape
- and internal water supply
- for creating sculptures

Material	$\varnothing$	Type	L	Code	Material	$\varnothing$	Type	L	Code
marble & limestone	22/30	complete tool	44	SW-CTM2	granite	22/30	complete tool	44	SW-CTG2
	22/30	body	32	SW-BM2		22/30	body	22	SW-BG2
	22/30	head	12	SW-HM2		22/30	head	12	SW-HG2
marble & limestone	11/20	complete tool	65	SW-CTM1	granite	11/20	complete tool	65	SW-CTG1
	11/20	body	40	SW-BM1		11/20	body	40	SW-BG1
	11/20	flat head	25	SW-FHM1		11/20	flat head	25	SW-FHG1
	11/20	round head	25	SW-RHM1		11/20	round head	25	SW-RHG1

Range of application: CNC-processing machines and robots; Mounting: R½"Gas

## HM-D



### Engraving tools

- with double Widia cutting edge
- for marble, limestone & granite
- for engravings
- with internal water supply

Tip mm	Code
3 x 30	SW-3HMD
5 x 30	SW-5HMD
8 x 30	SW-8HMD

Range of application: CNC processing machines; Mounting: R½"Gas

## HM-S



### Engraving tools

- with single Widia cutting edge
- for marble, limestone & granite
- for engravings
- with Ø10mm shank

Tip	Code	Tip mm	Code
30°	SW-0HMS	60°	SW-6HMS
30° x 1	SW-1HMS	90°	SW-9HMS
30° x 5	SW-5HMS	flat	SW-FHMS

Range of application: CNC-processing machines; Mounting in collet chucks


**HGD**
**Charring cutter**

- electroplated for marble & limestone
- for uniform single or triple contour


**MLTS AK**

- with 6° inclination
- in different grit sizes

**Ø**
**Type**
**Code**
**100**
**single**
**SW-HGD1**
**100**
**triple**
**SW-HGD2**

Range of application: Manual and stationary machines; Mounting: Ø22,2 or M14


**HGS**
**Edge milling tool**

- electroplated
- for marble, limestone & granite
- with segmented rim


**MLTS AK**

- electroplated bottom surface
- mill out of roundings on basin cutouts
- with internal water supply

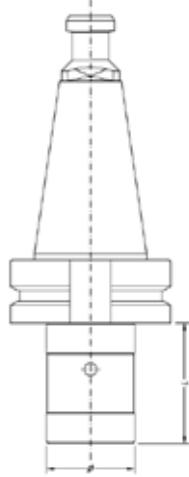
**Ø**
**50**
**Code**
**SW-HGS1**
**70**
**SW-HGS2**

Range of application: Angle grinder and stationary machines; Mounting: R½"Gas or M14


**Tailor made tools**

- We manufacture to your requirements electroplated contour tools for profiling with manual machines, conventional stationary machines and CNC machines. Dimensions, usable lengths and mounting according to your specifications. Different grain sizes (coarse, medium and fine) for granite, marble and limestone with internal water supply. Quality tools with high process efficiency.

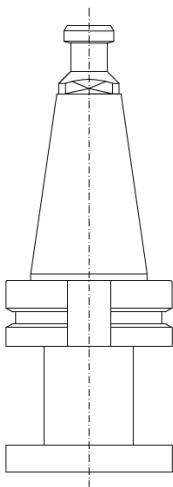




## Tool holder for profile wheels

- with thread for tool locking screws
- realized in stainless steel

Type	$\varnothing$ mm	L mm	Machines	Code
ISO 30	22 / 35	47	(new type)	Z-C001
ISO 30	22 / 35	47	DIN 69871/A	Z-C002
ISO 40	35	124	Agut/Prussiani	Z-C003
ISO 40	35	47	Bavelloni/Pedrini/Cobalm	Z-C004
ISO 40	22 / 35	47	Bimatech/Intermac/Northwood	Z-C005
ISO 40	22 / 35	47	Brembana NEW	Z-C006
ISO 40	22 / 35	47	Brembana OLD	Z-C007
ISO 40	22 / 35	47	Breton	Z-C008
HSK80B	22 / 35	47	Breton	Z-C009
ISO 40	35	47	Omag	Z-C010
ISO 50	35	47	Omag/2T	Z-C011
ISO 40	30	148	Ravelli	Z-C012
ISO 40	45	148	Ravelli	Z-C013
ISO 40	22 / 35	47	Vem/Thibaut/Helios/Park Ind.	Z-C014
ISO 40	22 / 35	47	DIN 69871/A	Z-C015



## Tool holder for flange connection

- with thread for tool locking screws
- realized in stainless steel

Type	Machines	Code
ISO 40	Bavelloni/Pedrini/Cobalm	Z-C020
ISO 40	Bimatech	Z-C021
ISO 40	Brembana NEW	Z-C022
ISO 40	Brembana OLD	Z-C023
ISO 40	Breton	Z-C024
HSK80B	Breton	Z-C025
ISO 40	Intermac	Z-C026
ISO 40	Northwood	Z-C027
ISO 40	Omag	Z-C028
ISO 50	Omag/2T	Z-C029
ISO 40	Ravelli	Z-C030
ISO 40	Vem/Thibaut/Helios/Park Ind.	Z-C031



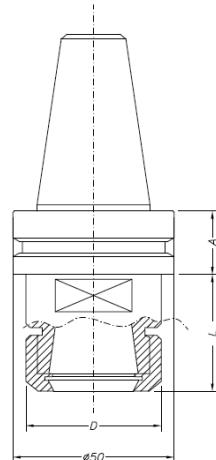
## Fixing set

● realized in stainless steel	● 1 x lockwasher (stainless steel)				
● 2 x spacer rings (stainl. steel)	● 1 x retention screw (stainless steel)				
Type	Ø mm	S mm	M	Machines	Code
ISO 30 ISO 40 ISO 50 HSK80B	22	3 5	M10	(New type) / DIN 69871/A / 2T / Bavelloni / Bimatech / Brembana new/old / Breton / Cobalm / Helios Intermac / Northwood / Omag / Park Ind./ Pedrini / Ravelli / Thibaut / Vem	Z-C040 Z-C041
ISO 30 ISO 40 ISO 50 HSK80B	35	3	M12	(New Type)/DIN 69871/A / 2T / Agut Bavelloni / Bimatech / Brembana new/old / Breton / Cobalm / Helios Intermac / Northwood / Omag / Park Ind./ Pedrini / Prussiani / Ravelli / Thibaut / Vem	Z-C042
ISO 30	35	3	M10	Intermac with countersunk screw	Z-C043



## Tool holder for collet chucks

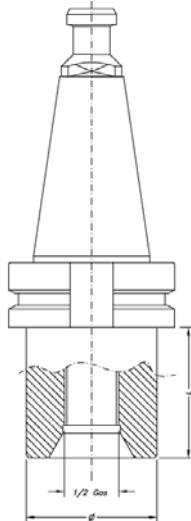
● with thread for tool locking screws	● realized in stainless steel				
Type	Ø mm	L mm	for	Machines	Code
ISO 30	50	53,4	ER32	(New type), DIN 69871/A	Z-C050
ISO 40	50	72,5	ER32	Bavelloni/Pedrini/Cobalm	Z-C051
ISO 40	63	72,5	ER40	Bavelloni/Pedrini/Cobalm	Z-C052
ISO 40	50	52,5	ER32	Bimatech	Z-C053
ISO 40	63	56,25	ER40	Bimatech	Z-C054
ISO 40	50	53,4	ER32	Brembana NEW	Z-C055
ISO 40	63	57,15	ER40	Brembana NEW	Z-C056
ISO 40	50	42,5	ER32	Brembana OLD	Z-C057
ISO 40	63	46,5	ER40	Brembana OLD	Z-C058
ISO 40	50	53,4	ER32	Breton	Z-C059
ISO 40	63	57,4	ER40	Breton	Z-C060
HSK80B	50	94	ER32	Breton	Z-C061
HSK80B	63	94	ER40	Breton	Z-C062
ISO 40	50	52,5	ER32	Intermac	Z-C063
ISO 40	63	56,25	ER40	Intermac	Z-C064
ISO 40	50	52,5	ER32	Northwood	Z-C065
ISO 40	63	56,25	ER40	Northwood	Z-C066
ISO 50	50	72,5	ER32	Omag/2T	Z-C067
ISO 50	63	76,25	ER40	Omag/2T	Z-C068
ISO 40	50	60	ER32	Ravelli	Z-C069
ISO 40	63	70	ER40	Ravelli	Z-C070
ISO 40	50	72,5	ER32	Vem/Thibaut/Helios/Park Ind.	Z-C071
ISO 40	63	76,25	ER40	Vem/Thibaut/Helios/Park Ind.	Z-C072
ISO 40	50	53,4	ER32	DIN 69871/A	Z-C073
ISO 40	63	57,4	ER40	DIN 69871/A	Z-C074





## Tool holder with thread

● with thread for tool locking screws      ● realized in stainless steel



Type	Ø mm	L mm	Thread	Machines	Code
ISO 30	40	40	R 1/2" Gas	(New type) / DIN 69871/A	Z-C080
ISO 30	40	40	M30	(New type) / DIN 69871/A	Z-C081
ISO 40	49	18	R 1/2" Gas	Agut/Prussiani	Z-C082
ISO 40	49	18	M30	Agut/Prussiani	Z-C083
ISO 40	50	50	R 1/2" Gas	Bavelloni/Pedrini/Cobalm	Z-C084
ISO 40	50	50	M30	Bavelloni/Pedrini/Cobalm	Z-C085
ISO 40	--	--	R 1/2" Gas	Bimatech	Z-C086
ISO 40	--	--	M30	Bimatech	Z-C087
ISO 40	50	50	R 1/2" Gas	Brembana NEW	Z-C088
ISO 40	50	50	M30	Brembana NEW	Z-C089
ISO 40	45	45	R 1/2" Gas	Brembana OLD	Z-C090
ISO 40	45	45	M30	Brembana OLD	Z-C091
ISO 40	50	50	R 1/2" Gas	Breton	Z-C092
HSK80B	67	44	R 1/2" Gas	Breton	Z-C093
ISO 40	50	50	M30	Breton	Z-C094
HSK80B	67	44	M30	Breton	Z-C095
ISO 40	--	--	R 1/2" Gas	Intermac	Z-C096
ISO 40	--	--	M30	Intermac	Z-C097
ISO 40	--	--	R 1/2" Gas	Northwood	Z-C098
ISO 40	--	--	M30	Northwood	Z-C099
ISO 40	--	--	R 1/2" Gas	Omag	Z-C100
ISO 50	40	50	R 1/2" Gas	Omag/2T	Z-C101
ISO 40	--	--	M30	Omag	Z-C102
ISO 50	40	80	M30	Omag/2T	Z-C103
ISO 40	54	51,6	R 1/2" Gas	Ravelli	Z-C104
ISO 40	54	51,6	M30	Ravelli	Z-C105
ISO 40	45	45	R 1/2" Gas	Vem/Thibaut/Helios/Park Ind.	Z-C106
ISO 40	45	23	M30	Vem/Thibaut/Helios/Park Ind.	Z-C107
ISO 40	50	50	R 1/2" Gas	DIN 69871/A	Z-C108
ISO 40	50	50	M30	DIN 69871/A	Z-C109

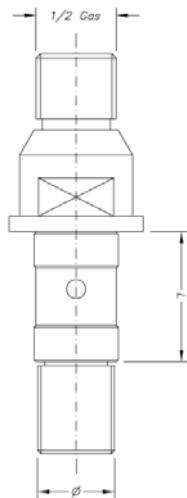


**Tool locking screws**

● realized in stainless steel

Machines	Type	L mm	Mounting	Code
ISO 30 New / DIN 69871/A	<b>M12 angle 15°</b>	<b>44</b>	ISO 30	<b>Z-CZ01</b>
Agut/Prussiani	<b>M16 angle 15°</b>	<b>54</b>	ISO 40	<b>Z-CZ02</b>
Bavelloni	<b>M16 angle 15°</b>	<b>54</b>	ISO 40	<b>Z-CZ03</b>
Bimatech	<b>Ø 19</b>	<b>54</b>	ISO 40	<b>Z-CZ04</b>
Brembana NEW	<b>M16 angle 15°</b>	<b>54</b>	ISO 40	<b>Z-CZ05</b>
Brembana OLD	<b>M16 angle 15°</b>	<b>54</b>	ISO 40	<b>Z-CZ06</b>
Breton	<b>M16</b>	<b>54</b>	ISO 40	<b>Z-CZ07</b>
Cobalm	-----	-	ISO 40	<b>Z-CZ08</b>
Intermac	<b>Ø 19</b>	<b>54</b>	ISO 40	<b>Z-CZ09</b>
Northwood	<b>Ø 22,5</b>	<b>44,5</b>	ISO 40	<b>Z-CZ10</b>
Omag/2T	<b>M24 angle 15°</b>	<b>74</b>	ISO 50	<b>Z-CZ11</b>
Pedrini	-----	-	ISO 40	<b>Z-CZ12</b>
Ravelli	<b>M16 angle 15°</b>	<b>54</b>	ISO 40	<b>Z-CZ13</b>
Vem/Thibaut/Helios/Park Ind.	<b>M16 angle 45°</b>	<b>60</b>	ISO 40	<b>Z-CZ14</b>
Vem/Thibaut/Helios/Park Ind.	<b>M16</b>	<b>57</b>	ISO 40	<b>Z-CZ15</b>
DIN 69871/A	<b>M16 angle 15°</b>	<b>54</b>	ISO 40	<b>Z-CZ16</b>

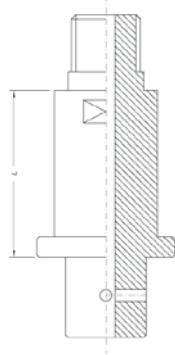




### Tool holder R 1/2“ for profile wheels

- realized in stainless steel
- incl. 2 spacer rings & locknut
- with Niploy treatment (nickel)

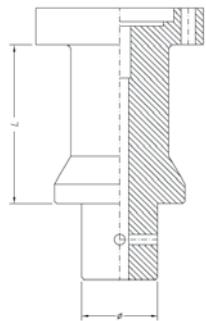
Type	For tool height	$\varnothing$ mm	L mm	Code
1/2"Gas	28 up to 41mm	22	33	Z-C110
1/2"Gas	34 up to 45mm	22	39	Z-C111
1/2"Gas	42 up to 54mm	22	47	Z-C112
1/2"Gas	55 up to 70mm	22	60	Z-C113
1/2"Gas	-----	22	80	Z-C114
1/2"Gas	-----	35	39	Z-C115
1/2"Gas	-----	35	80	Z-C116
1/2"Gas	-----	45	45	Z-C117



### Tool holder M30

- realized in stainless steel
- incl. spacer ring & locknut
- with Niploy treatment (nickel)
- thread M30
- shank: Ø35mm, length 47mm

L mm	Code
140	Z-C120



### Tool holder for basin tools

- realized in stainless steel
- incl. spacer ring & locknut
- with Niploy treatment (nickel)
- Mounting: M30 or 6-Loch-Flange
- shank: Ø35mm, length 47mm

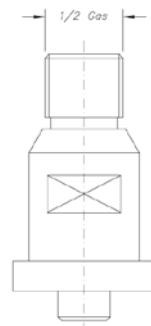
L.U. mm	Code
70	Z-C121
140	Z-C122
200	Z-C123



### Tool holder R $\frac{1}{2}$ " for drainboard cutter Ø50mm

- realized in stainless steel
- with Niploy treatment (nickel)
- incl. screws

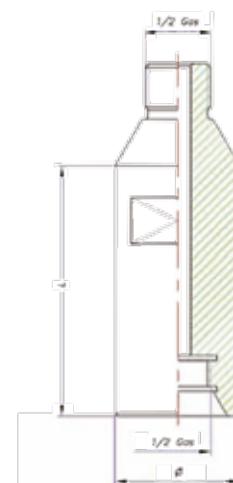
L.U. mm	Code
10	Z-C125
50	Z-C126
100	Z-C127
150	Z-C128
200	Z-C129



### Tool extension with thread R $\frac{1}{2}$ " & M30

- realized in stainless steel

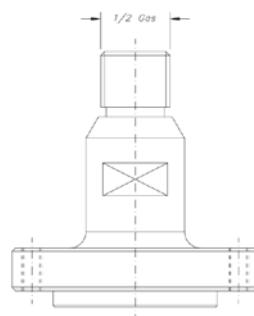
Type	Ø mm	L mm	Code
1/2"Gas	40	80	Z-VE081
1/2"Gas	40	120	Z-VE121
M30	40	80	Z-VE08M
M30	40	120	Z-VE12M

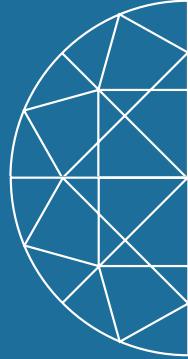


### Tool holder R $\frac{1}{2}$ " for drainboard cutter Ø88mm

- realized in stainless steel
- with Niploy treatment (nickel)
- incl. screws

L.U. mm	Code
16	Z-AR-8





## CM-Drill system



- handy and compact drill system for professionals
  - for vertical drilling
  - up to diameter Ø68mm
  - incl. angle drill machine with 1.550W
  - suction connection for removal of drilling water
  - mounting with two vacuum cups on smooth stone surfaces
  - rack bar guided kneeling system
  - with rubberised base plate
- Gardenastop and water flow adjustment, hose & adaptor for water vacuum, 3 x splash protection cap

## CB-Drill system



- handy and complete drill system for professionals
  - for horizontal and vertical drilling
  - for drilling in facing panels up to 12cm material thickness
  - panning and rotatable angle clamping unit
  - with 2 adjustable plastic guides for line drilling
  - up to diameter Ø68mm
  - incl. angle drill machine with 1.550W
  - suction connection for removal of drilling water
  - mounting with two vacuum cups on smooth stone surfaces
  - rack bar guided kneeling system
  - with rubberised base plate
- Gardenastop and water flow adjustment, hose & adaptor for water vacuum, 3 x splash protection cap



## J900 VAR



- handy angle drill machine
- variable speed
- with water supply and water flow adjustment
- bail handle, handy and flexible splash protection
- lateral air exhaust
- for small drilling and grinding process
- with PRCD or CEE-plugs for insulating transformer
- bail handle, cable, water hose, PRCD

## P1400 P1400 VAR



- competitive & professional stick handle machine
- variable speed (only P1400VAR)
- with water supply and water flow adjustment
- bail handle, handy and flexible splash protection
- lateral air exhaust
- with PRCD or CEE-plugs for insulating transformer
- bail handle, cable, water flow adjustment, water hose, splash protection, PRCD

## P1700 VAR



- professional stick handle machine
- dual ball bearing for high permanent load
- variable speed
- with water supply and water flow adjustment
- bail handle, handy and flexible splash protection
- extremely powerful also at low speed
- lateral air exhaust
- with PRCD or CEE-plugs for insulating transformer
- bail handle, cable, water flow adjustment, water hose, splash protection, PRCD

## P1800



- maximum power for the permanent work with grindstones
- dual ball bearing for high permanent load
- with water supply and water flow adjustment
- bail handle, handy and flexible splash protection
- lateral air exhaust
- with PRCD or CEE-plugs for insulating transformer
- bail handle, cable, water flow adjustment, water hose, splash protection, PRCD

	CB- Drill sys.	CM- Drill sys.	J900 VAR	P1400	P1400 VAR	P1700 VAR	P1800
Voltage	230V	230V	Voltage	230V	230V	230V	230V
Power	1.550W	1.550W	Power	890W	1.420W	1.400W	1.750W
Spindle	M14 & R½"	M14 & R½"	Spindle	M14	M14	M14	M14
Application			Application				
Rot. speed 1/min	1.700 - 6.800	2.700 - 9.500	Rot. speed 1/min	800 - 3.600	2.500	900 - 3.400	800 - 3.600
Stroke	150mm	150mm	Weight	2,3kg	2,9kg	2,9kg	4,8kg
max. drill-Ø	68mm	68mm	max. blade-Ø	100mm	100mm	100mm	125mm
Code	M-CBK	M-CBK	Code PRCD	M-J09VP	M-P14SP	M-P14VP	M-P17VP
			Code CEE	M-J09VC	M-P14SC	M-P14VC	M-P17VC
							M-P18SC



## **UWG 10 UWG 10-R**



- variable speed (UWG 10-R)
  - digital electronics ensures constant working speed
  - sidehandle is mountable in 3 different directions
  - undervoltage protection
  - fully insulated single phase motor
- handle, cable, wheel guard, flange set, wrench SD 35



## **UWK 10-R 125mm UWK 10-R 150mm**



- variable speed
  - thermal protection and smooth start
  - digital electronics ensures constant working speed
  - undervoltage protection
  - exhaust air leaves the machine in a 45° angle
  - protective cover quick and easy to adjust without tools
- handle, cable, wrench SD 35, wheel guard ø125mm or 150mm, flange set



## **GEN900-C GEN900-V**



- variable speed (GEN900-V)
  - handy dry polisher
  - consistent speed also under load
  - temperature overload protection
  - spindle lock for easy tool change
- handle, cable 4m



## **GEN1600-V GEN1700-V**



- variable speed
  - thermal protection and smooth start
  - reinforced spindle bearing in aluminium end shield
  - self interrupting carbon brushes and easy brush exchange
  - spindle lock for easy tool change
- cable 4m, handle, bail handle (GEN1700-V)



	<b>UWG 10</b>	<b>UWG 10R</b>	<b>UWK 10R 125</b>	<b>UWK 10R 150</b>	<b>GEN 900-C</b>	<b>GEN 900-V</b>	<b>GEN 1600-V</b>	<b>GEN 1700-V</b>
<b>Voltage</b>	230V	230V	230V	230V	230V	230V	230V	230V
<b>Power</b>	1.050W	1.050W	1.530W	1.530W	890W	890W	1.590W	1.750W
<b>Spindle</b>	M14	M14	M14	M14	M14	M14	M14	M14
<b>Application</b>								
<b>Rot. speed 1/min</b>	10.000	4.200 - 10.000	4.600 - 10.500	4.600 - 10.000	9.500	1.900 - 9.500	800 - 3.600	800 - 3.600
<b>Weight</b>	1,8kg	1,9kg	2,8kg	2,8kg	1,8kg	1,8kg	2,9kg	3,0kg
<b>max. blade-Ø</b>	125mm	125mm	125mm	150mm	125mm	125mm	150mm	150mm
<b>Code</b>	M-WGS1	M-WGR1	M-WKR2	M-WKR5	M-G09S	M-G09V	M-G16V	M-G17V



## T125

### T125 VAR



- powerful and compact floor grinder
- variable speed (T125 VAR)
- plastic protective hood with connector to vacuum cleaner
- strong 1500 W motor
- foldable cover segment for working close to the wall
- adjustable bail handle, ergonomically shaped
- thermal protection and smooth start  
bail handle, cable 4m, flange set, flange nut

## T35W



- innovative polishing machine with integrated dust extraction
  - dust collection with filter bag DCS (Dust Control System)
  - Variable speed with setting wheel
  - Spindle lock for easy tool change
  - adjustable housing for work close to walls
  - temperature overload protection
  - adjustable knob handle
- 2 x tool mounting Ø22,2 & M14, allen wrenches 4 & 8 mm,  
spare toothed belt, filter bag, hose 2 m incl. non-return valve,  
case

	T125	T125 VAR	T35W
Voltage	230V	230V	230V
Power	1.500W	1.500W	1.750W
Spindle	M14	M14	M14
Application			
Rot. speed 1/min	9.500	2.700 - 6.800	800 - 3.600
Weight	4,5kg	4,5kg	4,5kg
max. blade-Ø	125mm	125mm	125mm
Code	M-T01S	M-T01V	M-T03V



## CC KS80/4



- professional, hand-held edge processing system
- edge – milling, grinding, polishing, groove milling and profiling
- variable speed with setting wheel
- sidehandle is mountable in 3 different directions
- good guidance even on narrow working surfaces
- ideal view of the grinding area
- height adjustment with locking screws
- inner and outer water supply, water flow adjustment, water hose with control valve, PRCD, case

## Accessories



### G-Disc

- grooves can be milled exactly, quickly, and evenly - even on curved edges
- reduce the slab thickness for installing wash-basins
- conceal glued joints by inserting brass or stainless steel inlays ("2+2" & "3+3")
- mount and fasten natural stone work in wooden or metal frames
- mill grooves at any position on the edge



### G-Edge

- perfect 45° chamfers on the top and bottom edge of stone slabs
- turn over the workpiece is not necessary
- three sizes of guide rings provide the best use of the whole grinding surface
- internal water supply helps to have a good view of the working area
- smallest processable radius 25 mm



### G-Router

- made to insert ceramic glass cooktop or basins flush to the surface in kitchen tops
- easy and exact insertions to a width of 20 mm
- tool holder with brass guide ring to work along a template
- grinder is mounted with a M10 external thread



### G-Oscillator

- oscillating tool holder for grinding and polishing cylinders
- patented adapter combines the usual rotating movement with a vertical lifting movement
- patented push button locking for quick tool change
- made for grinding cylinders G-Zylinder grit #50 to buff (see below)



### G-Zylinder

- the G-Zylinder Set is designed to polish curved stone edges and cut-outs on 4cm or 6cm slabs
- quick tool change with release button for **G-Oscillator**
- for quick and optimal results on granite and marble
- two electroplated grinders #50 / #100 and six resin bond polishers #200 / #400 / #800 / #1500 / #3000 / Buff





## TC125 TC160



- innovative cutting machine with integrated dust extraction
  - without the need of an additional vacuum cleaner
  - permanently strong air suction by DCS-System
  - light & compact construction
- case, filter bag, 2m hose + non-return valve, synthetic felt protection



## Accessories



### Aluminum guide rails for TC125 & TC160

- rail length 100cm, 150cm, 200cm extendible by adaptor
- with adjustable suction levers (smooth surface) or vacuum-fasteners (rough surface)
- with synthetic felt protection anti-slip



### Connecting adaptor

- mounted on the base plate, to connect machine to rail (TC125)

	CC KS80/4	Accessories CC KS80/4		TC125	TC160	Accessories TC125 & TC160	
Voltage	230V	G-Disc	M-ZCC01	230V	230V	guide rails 100cm suction levers	M-ZTC01
Power	1.750W	G-Edge	M-ZCC02	1.010W	1.750W	guide rails 100cm vacuum-fasteners	M-ZTC02
Spindle	M14	G-Router	M-ZCC03	22,2	22,2	guide rails 100cm	M-ZTC03
Application		G-Oscillator	M-ZCC04			guide rails 150cm	M-ZTC04
Rot. speed 1/min	1.700 - 6.500	G-Zylinder 4cm #50	M-ZCC05	9.250	1.700 - 6.800	guide rails 200cm	M-ZTC05
Weight	6,5kg	G-Zylinder 4cm #100	M-ZCC06	3,5kg	5,0kg		
max. blade-Ø	(180mm)	G-Zylinder 4cm #200-Bu.	M-ZCC07	125mm	160mm	connecting piece for joining rails	M-ZTC06
Code PRCD	M-CC80P	G-Zylinder 6cm #50	M-ZCC08	M-TC12S	M-TC16V	connecting adaptor for TC125	M-ZTC07
Code CEE	M-CC80C	G-Zylinder 6cm #100	M-ZCC09				
		G-Zylinder 6cm #200-Bu.	M-ZCC10				





## CW180



- compact and powerful wet stone cutter
- cutting depth infinitely adjustable up to 52mm
- finely-regulated water feeding ensures minimal amount of water
- with magnetic felt plate
- free handed use (57mm), with base plate (52mm) or with guide rail case, filter bag, 2m hose + non-return valve, felt plate with magnetic holder

## Accessories



### Aluminum guide rails for WC180

- rail length 100cm, 150cm, 200cm extendible by adaptor
- with adjustable suction levers (smooth surface) or vacuum-fasteners (rough surface)
- with synthetic felt protection anti-slip

### Connecting adaptor

- mounted on the base plate, to connect machine to rail

	CW180	Accessories CW180	
Voltage	230V	guide rails 100cm suction levers	M-ZCW01
Power	1.750W	guide rails 100cm vacuum-fasteners	M-ZCW02
Spindle	M14		
Application		guide rails 100cm	M-ZCW03
Rot. speed 1/min	1.700 - 6.800	guide rails 150cm	M-ZCW04
Weight	5,0kg		
max. blade-Ø	180mm	connecting piece for joining rails	M-ZCW05
Code PRCD	M-CW18P	connecting adaptor	M-ZCW06
Code CEE	M-CW18C		



**D125  
D250**



MADE  
IN  
GERMANY

- professional stone cutter
  - with extraction unit & vacuum cleaner connection
  - for cutting of tiles and slabs
  - foam rubber coated bail handle reduces vibration
  - hood is adjustable & lockable for optimal dust extraction
  - hose guide is ideally positioned
- cable 4m, stainless steel flange, 1m extractor hose, twin hole wrench SW32, bail handle

	<b>D125</b>	<b>D250</b>
<b>Voltage</b>	230V	230V
<b>Power</b>	1.500W	2.200W
<b>Spindle</b>	M14 / 22,2	M14 / 22,2
<b>Application</b>		
<b>Rot. speed 1/min</b>	2.700 - 9.500	6.600
<b>Weight</b>	3,5kg	8,0kg
<b>max. blade-Ø</b>	125mm	250mm
<b>Code</b>	M-D12V	M-D35S



complete flexible shaft  
NA12 (HM12), 2,0m  
NA15 (HM15), 2,0m

A.C. 3 phase motor, fully enclosed with  
ventilated housing,  
protection class IP 44  
power:  
HM 12 1,00 kW  
HM 15 1,50 kW  
standard voltage: 400 V, 50 Hz  
RPM: 3000rpm  
connections for flexible shaft:  
HM 12 DIN 10  
HM 15 DIN 15  
with built-on switch,  
3m cable  
weight: 15,4kg (HM15)  
HM 12 12,3kg  
HM 15 15,4kg  
protection class 1

light alloy housing handle,  
central water feed, bevel  
gear, bell bearing,  
without accessories.



TAM 1:1 (HM 15)  
max. rot. speed: 6400 rpm  
connection: G35  
coupling arbor: M14

TAM 2:1 (HM 15)  
max. rot. speed: 6400 rpm  
connection: G35  
coupling arbor: M14



ISK 10 (HM12)  
ISK 15 (HM15)  
insulated coupling, for  
application between  
shaft and motor



Type	X	Code	Complete system 1	Complete system 2	Complete system 3
<b>HM 12</b>	<b>1,0kW</b>	M-HM2	X		
<b>HM 15</b>	<b>1,5kW</b>	M-HM5		X	X
<b>TALM</b>	<b>2:1</b>	M-ZALM	X		
<b>TAM</b>	<b>1:1</b>	M-ZAM1		X	
<b>TAM</b>	<b>2:1</b>	M-ZAM2			X
<b>ISK 10</b>	<b>HM 12</b>	M-ZIS2	X		
<b>ISK 15</b>	<b>HM 15</b>	M-ZIS5		X	X
<b>flex. shaft</b>	<b>NA12</b>	M-ZNA2	X		
<b>flex. shaft</b>	<b>NA15</b>	M-ZNA5		X	X
			<b>M-SW1</b>	<b>M-SW2</b>	<b>M-SW3</b>



## LXC 4 TOP LXC 2 TOP



- powerful, low RPM right angle grinder
- high torque due to right gear reduction ratio relation
- scratch-resistant, insulated housing
- also in valve area, avoids cold hands
- rear exhaust with integral silencer
- safety lever throttle and central waterfeed for wet polishing
- TOP-Technology for oilfree power handle, hose 8mm

## LXE



- very powerful right angle grinder
- scratch-resistant, insulated housing
- also in valve area, avoids cold hands
- rear exhaust with integral silencer
- safety lever throttle and central waterfeed for wet polishing
- TOP-Technology for oilfree power handle, supply hose, exhaust hose, 9-10mm

## LPC 2 TOP



- powerful, low RPM right angle grinder
- high torque due to right gear reduction ratio relation
- scratch-resistant, insulated housing
- also in valve area, avoids cold hands
- rear exhaust with integral silencer
- safety lever throttle
- TOP-Technology for Oilfree Power handle, supply hose, exhaust hose 8mm

## LWH 6 LWH 9



- handy angle grinders with outstanding pulling power
- powerful machine for tough industrial applications
- bevelled angle head for improved access
- modern design on ergonomic principles
- insulated housing avoids cold hands
- efficient silencing, air exhaust to rear
- safety lever valve & very robust spindle bearings
- with spindle lock for fast & simple tool changing handle, flange set, wheel guard, supply and exhaust hose 12mm

	LXC 2 TOP	LXC 4 TOP	LXE TOP	LPC 2 TOP	LWH 6	LWH 9
Power	370W	370W	600W	370W	1.000W	1.000W
Application	 	 	 			
Spindle	M14	M14	M14	M14	M14	M14
Rot. speed	2.000rpm	4.000rpm	3.000rpm	2.000rpm	6.000rpm	9.000rpm
Dimension	Ø35x227	Ø35x227	Ø45x257	Ø35x227	110x290	110x290
Weight	0,93kg	0,93kg	3,0kg	0,93kg	2,8kg	1,8kg
max. Ø	125mm	125mm	125mm	125mm	180mm	150mm
Air consumption	0,660m³/min	0,660m³/min	1,05m³/min	0,660m³/min	1,6m³/min	1,6m³/min
Code	M-LX2T	M-LX4T	M-LXET	M-LP2T	M-LW06	M-LW09



## LSB 44

## LSB 44E



- powerful straight grinder with vane motor and with collet
- rear exhaust with integral silencer
- LSB 44 multi-functional valve
- LSB 44E with ring throttle and resilient bearing
- safety lever throttle
- modern design and ergonomically shaped grip wrenches SW11 & SW14, supply and exhaust hose (8mm)

## LSB 25



- versatile, compact, but very powerful straight grinder
- rear exhaust with integral silencer
- with multi-functional valve and collet
- extremely quiet, lightweight and portable
- governor control - constant speed under load
- modern design and ergonomically shaped grip wrenches SW11 & SW14, supply hose, exhaust hose (8mm)

## LSE 18



- single hand straight grinder with collet
- rear exhaust with integral silencer
- scratch-resistant, insulated housing
- with multi-functional valve
- governor control - constant speed under load
- TOP-Technology for oilfree power
- modern design and ergonomically shaped grip wrenches SW11 & SW14, supply hose, exhaust hose (8mm)

## LGS 30



- marking pen for engraving natural stone, glass, ceramics
- carbide point for clear marking
- no harmful vibration transmitted to the hand
- stylus point medium, supply hose, hose nipple G $\frac{1}{4}$ "

### Accessories

Chisels for LGS 30

- pointed
- flat

Stylus point for LGS 30

- coarse
- medium
- fine

	LSB 44 TOP	LSB 44E TOP	LSB 25	LSE 18 TOP	LLE 12 TOP	LGS 30
<b>Power</b>	250W	250W	250W	600W	600W	--
<b>Application</b>						
<b>Collet</b>	6,0mm	6,0mm	6,0mm	6,0mm	6,0mm	--
<b>Rot. speed</b>	44.000rpm	44.000rpm	25.000rpm	18.000rpm	12.000rpm	St. frequency 30.000 <sub>1/min</sub>
<b>Dimension</b>	Ø28x180	Ø38x180	Ø30x198	Ø45x257	Ø45x378	Ø17x154
<b>Weight</b>	0,40kg	0,34kg	0,38kg	1,8kg	1,6kg	0,15kg
<b>Air consumption</b>	0,520m <sup>3</sup> /min	0,520m <sup>3</sup> /min	0,330m <sup>3</sup> /min	1,05m <sup>3</sup> /min	0,40m <sup>3</sup> /min	0,03m <sup>3</sup> /min
<b>Code</b>	M-LS4ST	M-LS4ET	M-LS2S	M-LS1T	M-LL1T	M-LG30

Chisel	M-ZLG1-X
Stylus point	M-ZLG2-X



## M200



- powerful 3-gear drill motor
  - for drilling by hand or rig mounting (ND60)
  - wet drilling and dry drilling with dust extraction
  - with vibration damping at pistol grip
  - water flow indicator
  - LED load indication
  - overload electronic
- wrenches, connection for dust extraction, water flow indicator, additional handle, PRCD-protection

## ND60



- drill rig with collar Ø60mm (M200)
  - fastening with 3-suction levers
  - guide with readjustable slide bushes
  - locking lever
  - drill column is 360° rotatably
  - aluminium drill column
  - quick-change system
- handle, 60mm collar, carrier handle

## ECO635G



- table saw
- with adjustable saw head 0 - 45°
- sided cooling water supply
- completely powder coated
- removable plug-in feet and splash protection
- adjustable cutting height, stop device for angle cuts
- smooth-running table with rubber covering

**Option:** prism holder

## S25/68GH S35/80GH S35/110GH



- table saw
  - with adjustable bridge of 0 - 45°
  - with adjustable and smooth-running saw head
  - sided cooling water supply
  - machine **complete galvanized**
  - adjustable cutting height
  - removable plug-in feet and splash protection
- Option:** stop device for angle cuts, roller table, prism holder

	M200	ND60
Power / Stroke	2000W	300mm
Application		
max. drill-Ø	200mm	62mm
Rot. speed	450 / 1050 / 2000rpm	--
Dimension	--	40x50 x600mm
Weight	7,5kg	7,5kg
Mounting	R½" & 1 ¼"	60mm
Code	M-M200	M-ND60

	ECO635G	S25/68 GH	S35/80 GH	S35/110 GH
Power	2.200W	1.800W	2.200W	2.200W
Application				
max. blade-Ø	350mm	250mm	350mm	350mm
Cutting-depth	110mm	60mm	115mm	115mm
Cutting-length	600mm	680mm	800mm	1100mm
Weight	70kg	50kg	90kg	98kg
Spindle-Ø	25,4mm	25,4mm	25,4mm	25,4mm
Code	M-EC35G	M-S635G	M-S835G	M-S135G





## Accessories for SUHNER Machines



- **wheel guard**, closed at both sides for circular blades Ø125mm. M-ZSU01
- **insulating transformer for Suhner machines** M-ZSU02
- **shaft**, for flexible shaft NA12 2m M-ZSU03
- **shaft**, for flexible shaft NA15 2m M-ZSU04
- **locking spring**, for flexible shaft NA12 & NA15 M-ZSU05

## Accessories for BOURK Table saws



- **immersion pump WP35**, output 370ltr/h.: M-ZBM01
- **immersion pump WP60**, output 1400ltr/h.: M-ZBM02
- **prism holder** for cutting in round material max. Ø200mm: M-ZBM03
- **angle holder for bevel cuts** (Jolly) adjustable 0 - 45°: M-ZBM04
- **roller table** suitable for S25, S35:  
L:1000mm W:400mm H:680-1100mm M-ZBM05
- **lasersystem** for S25, S35 : on demand

## Accessories



- **water supply for drilling devices:**
  - drill bit connection R½" sleeve - motor side 1/2" sleeve: M-ZGW01
  - drill bit connection R½" sleeve - motor side SDS-Plus: M-ZGW02
  - drill bit connection R½" sleeve - motor side 5/8" sleeve: M-ZGW03
  - drill bit connection R½" sleeve - motor side M18 sleeve: M-ZGW04
  - drill bit connection R½" sleeve - motor side M16 sleeve: M-ZGW05
  - drill bit connection R½" sleeve - motor side M14 sleeve: M-ZGW06
  - drill bit connection R½" sleeve - motor side Ø13mm pin: M-ZGW07
- **water flow indicator** adjustable, Gardena coupling (brass) 1/4" : M-ZGW08
- **water tank 40L**: robust plastic, with battery operated pump 3m hose, chassis with elastic wheels M-ZGW09
- **vacuum plate**
  - 330x420mm incl. quick clamping screw & foam rubber: M-ZGW10
  - Ø360mm incl. quick clamping screw & foam rubber: M-ZGW11
- **suction cleaner with integrated pump**:  
3 x 1000W, 2,5m suction hose,  
90l tank, 2 x floor nozzles, 1 x hand nozzles M-ZGW12
- **splash guard and drill assistant** for drilling tools up to Ø68mm  
cooling water is collected and filtered with suction M-ZGW13



length	Code
100	Z-V010
200	Z-V020
300	Z-V030
400	Z-V040
500	Z-V050

## Extensions

with R½“ mounting.

30mm round steel, burnished with wrench size 22/24mm.



- side plates for Frankfurt shoes for screw assembly:

robust plastic:  
aluminium:

Z-AFRR  
Z-AFRA



- mounting Frankfurt shoes for screw assembly:

robust plastic:

Z-AFRZ



- back up pads for edge polishing machines

aluminium Ø130mm with SF (snail lock) - M30:  
aluminium Ø130mm with SF (snail lock) - M20:  
aluminium Ø150mm with SF-R (large snail lock) - M30:

Z-AK01  
Z-AK02  
Z-AK03



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