



®

PRICE LIST
GTOOLS CNC
GTOOLS
DOKOYOH

ghinesgroup
TOOLS AND MACHINES



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GTOOLS are produced by applying state-of-the-art concepts of several diamond application techniques, each focused in the specific processing step the tool is applied to. By exploiting the best of sinterization, vacuum-brazing, electroplating and vulcanization techniques, every tool represents the best possible solution for its function within the set.

CNC GTOOLS SET

DIAMOND WHEELS:

	Stock removal	Sintered
	Shaping	Vacuum-brazed
	Honing	Electroplated
	Finitura	Electroplated

The segmented sintered GREEN wheel assures an easy and fast STOCK REMOVAL, thanks to its strong abrasive power.

The vacuum-brazed BLACK wheel, indeformable, carries out an accurate PROFILING, matching the same form during its whole tool life.

The electroplated RED wheel ensures a perfect HONING. The YELLOW "metallic" wheel leaves the best FINISHING nowadays possible for a diamond tool.

POLISHING WHEELS:

	Pre-Polishing	vulcanized wheels or resinoid wheels
	Polishing	
	Final Buff	

The white, blue and orange RUBBER vulcanized wheels, a Ghines patent, incorporate abrasive substance into a rubber shell, avoiding any unevenness of the surface. During the stone processing they keep a controlled expansion for a perfect profile copying, thus performing the required POLISHING degree with no pressure need.

The SINTEX resinoid wheels are based on the same rubber support as RUBBER wheels, plus an abrasive coating 1,5 mm thick, guaranteeing the polishing and a tool long life with the most troublesome materials. RUBBER and SINTEX tools are interchangeable with no need to reset the machine. Turns out: excellent polishing on every material, big productivity and guaranteed silenceness.





NO MEASUREMENT REQUIRED

GTOOLS are manufactured with careful precision and tested before shipping; every wheel has ALWAYS the same dimensions, and no measurement has to be done, neither manually nor automatically. Furthermore, thanks to their building technique, the wheels do not change their geometry during use (except for the green one). Parameters are provided with tooling.

EASY INPUT PROCEDURE

The setting is really easy; it does not require the input of real tool dimensions, but only the nominal diameter.

EASY CHANGEOVER

CNC GTOOLS allow the operator to replace (on the same tool holder) any wheel with a new one, resuming the job without need of any further measurement nor setting adjustment.

ONE SET FOR EVERY MATERIAL

Thanks to the unique technologies applied in the CNC GTOOLS manufacturing process, these tools can be used on every kind of material with no more need of specific sets. You just have to pick up the right tool combination according to the material you need to work (from 4 to 7 tools).

NO TRUING REQUIRED

CNC GTOOLS never lose their profile shape. Throughout all their life, GTOOLS ALWAYS guarantee the same final result on the slab contour.

UNMATCHED FINISHING OF DIAMOND TOOLS

The combination of different diamond-application techniques into one single set of tools delivers unmatched results... On certain materials, the finishing level given by the yellow wheel makes needless the supplementary use of polishing wheels.

PATENTED RUBBER WHEELS

GHINES only sells patented rubber wheels, where the diamond strips are vulcanized into the very rubber bond.

NO VIBRATIONS WORKING WITH POLISHING WHEELS

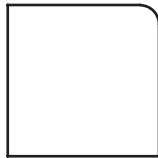
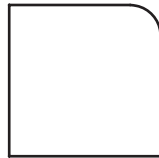
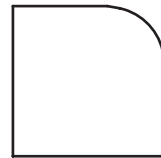
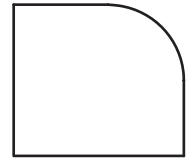
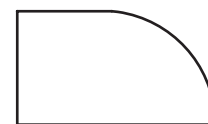
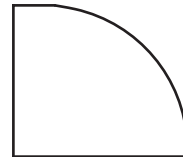
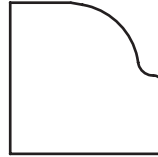
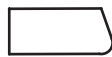
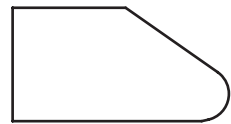
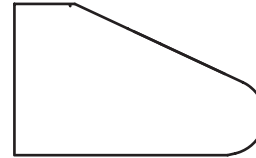
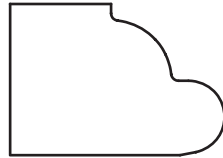
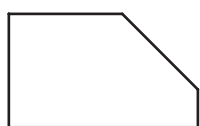
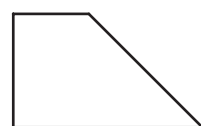
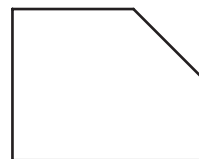
RUBBER and SINTEX tools both include a rubber support which is not simply attached to the aluminum body; during work this specially anchored rubber coating does eliminate noisy vibrations and protects from consumption CNC machine bearings.

RUBBER AND SINTEX WHEELS ARE INTERCHANGEABLE

Polishing Rubber and Sintex wheel can freely replace each other. Depending on the worked material, you can get perfect polish by using either RUBBER or SYNTEX, or even combining them, always achieving striking results.

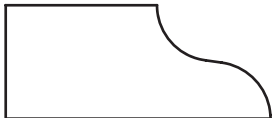
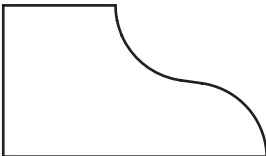
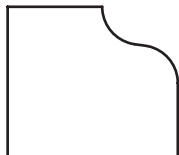
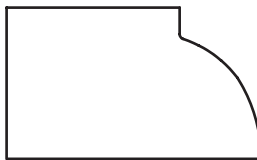
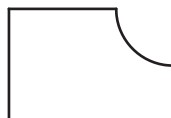


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				E30-45° p0 pag.19	
					
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F	F20	F30	F40	FG30	FG40	
						
	F20 r9.8+10 pag. 20	F30 r14.7+15 pag. 21	F40 r20+20 pag. 21	FG30 r15+7.5+7.5 ask for info	FG40 r20+10+10 ask for info	
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L	L20	L30	L25S			
						
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GTOOLS CNC - PROFILES LIST

M | M30

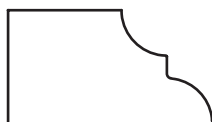


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ask for info

O | O20 | O30 | OG20 | OG30 | OGS30 | OGS40



O20 r8+p4+p8
ask for info



O30 r12+p6+r12
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OG20 r20+6
ask for info



OG30 r30+9
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OGS30 r2+7+26
ask for info



OGS40 r3+10+30
ask for info

OS20



OS20 r5+5+5
ask for info



OS30 r8+8+8
pag. 24

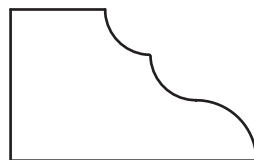
Q | Q20 | Q30 | Q40



Q20 r6.5+6.5+7
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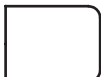
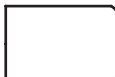
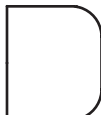
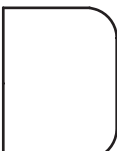
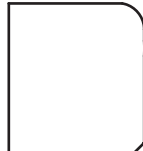
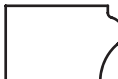
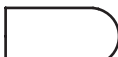
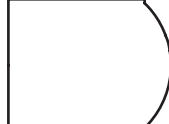
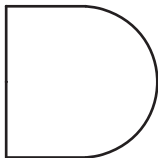
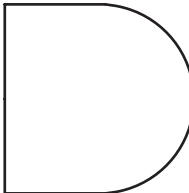
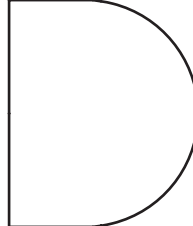
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pag. 24



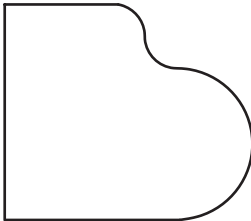
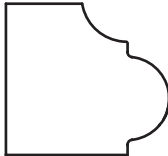
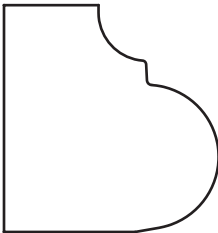
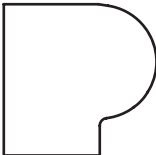
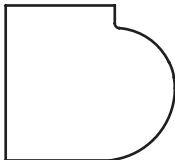
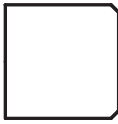
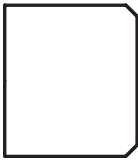
Q40 r12+12+16
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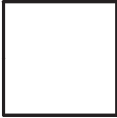
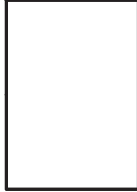
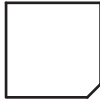
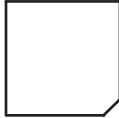
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	U20 r4+13 ask for info		U30 r6+19.5 ask for info							
V	V15	V20	V25	V30			V34	V35		
										
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V40		V50		V60						
										
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VX							
							
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						X50 45° p44 ask for info	
							
						X60 45° p54 ask for info	

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Z70	Z100	Z130					
							
Z70 ask for info	Z100 ask for info	Z130 ask for info					

WORKING PARAMETERS

WORKING PARAMETERS FOR CNC MACHINES

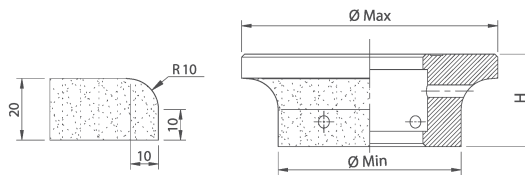
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DIAMOND WHEELS		SYNTHETIC	MARBLE	GRANITE				DEKTON	
pos. 0	Stock-removal	500-1000		500-600	0,3-0,5	4500-5000		400	4500
pos. 1	Shaping	1000-1500	1000-2000	1000-1500	0,3-0,5	4500-5000		500	4500
pos. 2	Honing	1000-1500	1000-2000	1000-1500	0,2-0,3	4500-5000		700	4500
pos. 3	Finishing	1000-1500	1000-2000	1000-1500	0,05-0,1	2500-4500		800	2600

POSITION	FUNCTION	Feed - mm/min			*Increment mm	rpm	Adaptive increment mm/m	Feed mm/min	rpm
POLISHING WHEELS		SYNTHETIC	MARBLE	GRANITE				DEKTON	
pos. 4	Pre-polishing	500-1000	500-1000	500-1000	0,3	1500-3000	0,01	1000	2500
pos. 5	Polishing	500-1000	500-1000	500-1000	0,3	1500-3000	0,01	1000	2500
pos. 6	Final buff			500-1000	0,3	1500-3000	0,01	1000	2500

* Use the increment, as indicated in the schedule, when setting the diamond wheels using their true diameter only

SETTING EXAMPLE

A20 r10



Real Dimensions

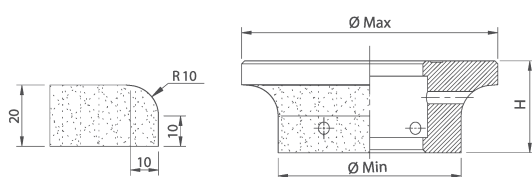
POSITION	Ø max (mm)	Ø min (mm)	H (mm)
pos.0	84	59	33
pos.1	84	59.3	30
pos.2	84	59.8	30
pos.3	84	59.9	30
pos.4	88	60	33
pos.5	88	60	33
pos.6	88	60	33

Working parameters

POSITION	Diameter (mm)	Increment mm	Increment mm with real diameter	Feed - mm/min			rpm	Feed mm/min	rpm
DIAMOND WHEELS				SYNTHETIC	MARBLE	GRANITE		DEKTON	
pos. 0	60	0	0,3 - 0,5	500-1000	-	500-600	4500-5000	400	4500
pos. 1	60	0	0,3 - 0,5	1000-1500	1000-2000	1000-1500	4500-5000	500	4500
pos. 2	60	0	0,2 - 0,3	1000-1500	1000-2000	1000-1500	4500-5000	700	4500
pos. 3	60	0	0,05 - 0,1	1000-1500	1000-2000	1000-1500	2500-4500	800	2600
POLISHING WHEELS	Diameter (mm)	Increment mm	Adaptive increment mm/m	Feed - mm/min			rpm	Feed mm/min	rpm
pos. 4	60	0,3	0,01	500-1000	500-1000	500-1000	1500-3000	1000	2500
pos. 5	60	0,3	0,01	500-1000	500-1000	500-1000	1500-3000	1000	2500
pos. 6	60	0,3	0,01	500-1000	500-1000	500-1000	1500-3000	1000	2500

SHAPED WHEELS MINIMUM DIAMETER 60 mm

A20 r10



Ø35 connection. Other connection upon request

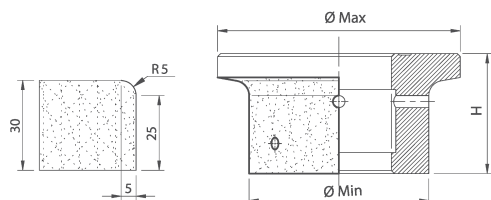
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
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Shaping	84	60	30	1	0117A2020009	301,00
Honing	84	60	30	2	0117A2030009	228,00
Finishing	84	60	30	3	0117A2040009	244,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	88	60	33	4	0106A20B0009	189,00
Polishing	88	60	33	5	0106A20C0009	189,00
Final buff	88	60	33	6	0106A20A0009	189,00

A30 r5



Ø35 connection. Other connection upon request

DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	81	60	43	0	0107A3010S39	367,00
Shaping	81	60	40	1	0117A3020039	357,00
Honing	81	60	40	2	0117A3030039	244,00
Finishing	81	60	40	3	0117A3040039	306,00

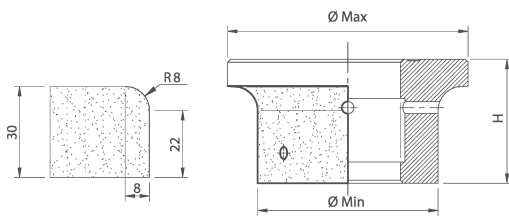
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	81	60	40	4	0106A30B0039	210,00
Polishing	81	60	40	5	0106A30C0039	210,00
Final buff	81	60	40	6	0106A30A0039	210,00

ghinesgroup

SHAPED WHEELS MINIMUM DIAMETER 60 mm

A30 r8



Ø35 connection. Other connection upon request

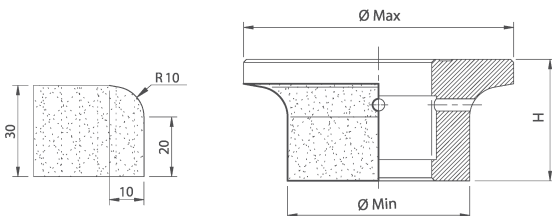
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	80	60	43	0	0107A3010S19	380,00
Shaping	80	60	41	1	0117A3020019	377,00
Honing	80	60	41	2	0117A3030019	248,00
Finishing	80	60	41	3	0117A3040019	315,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS.	CODICE	€
Pre-polishing	80	60	44	4	0106A30B0019	210,00
Polishing	80	60	44	5	0106A30C0019	210,00
Final buff	80	60	44	6	0106A30A0019	210,00

A30 r10



Ø35 connection. Other connection upon request

DIAMOND WHEELS

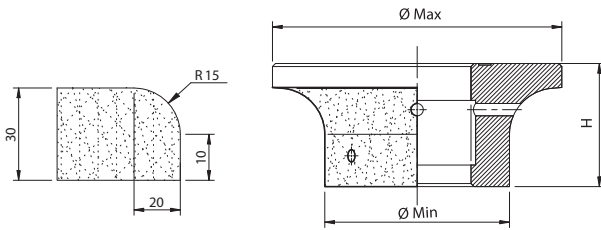
FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	89	60	43	0	0107A3010S49	380,00
Shaping	89	60	40	1	0117A3020049	377,00
Honing	89	60	40	2	0117A3030049	248,00
Finishing	89	60	40	3	0117A3040049	315,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	89	60	40	4	0106A30B0049	210,00
Polishing	89	60	40	5	0106A30C0049	210,00
Final buff	89	60	40	6	0106A30A0049	210,00

SHAPED WHEELS MINIMUM DIAMETER 60 mm

A30 r15



Ø35 connection. Other connection upon request

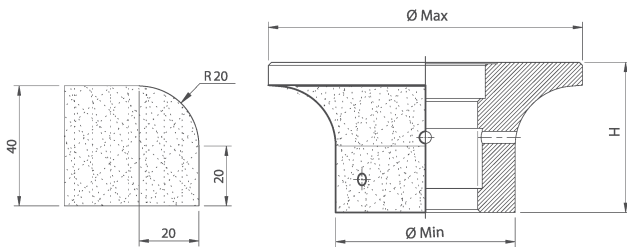
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	94	60	43	0	0107A3010S09	394,00
Shaping	94	60	40	1	0117A3020009	401,00
Honing	94	60	40	2	0117A3030009	269,00
Finishing	94	60	40	3	0117A3040009	331,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	98	60	43	4	0106A30B0009	210,00
Polishing	98	60	43	5	0106A30C0009	210,00
Final buff	98	60	43	6	0106A30A0009	210,00

A40 r20



Ø35 connection. Other connection upon request

DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	105	60	53	0	0107A4010S09	516,00
Shaping	105	60	50	1	0117A4020009	530,00
Honing	105	60	50	2	0117A4030009	315,00
Finishing	105	60	50	3	0117A4040009	373,00

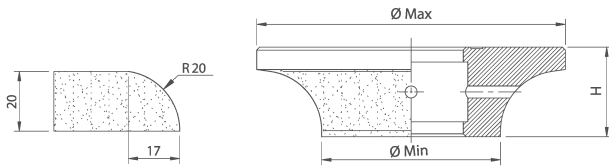
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	108	60	53	4	0106A40B0009	235,00
Polishing	108	60	53	5	0106A40C0009	235,00
Final buff	108	60	53	6	0106A40A0009	235,00

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SHAPED WHEELS MINIMUM DIAMETER 60 mm

B20 r20



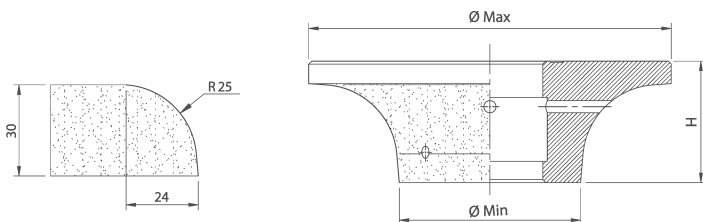
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	104	60	33	0	0107B2010S09	338,00
Shaping	104	60	30	1	0117B2020009	364,00
Honing	104	60	30	2	0117B2030009	219,00
Finishing	104	60	30	3	0117B2040009	232,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS.	CODICE	€
Pre-polishing	106	60	33	4	0106B20B0009	195,00
Polishing	106	60	33	5	0106B20C0009	195,00
Final buff	106	60	33	6	0106B20A0009	195,00

B30 r25



DIAMOND WHEELS

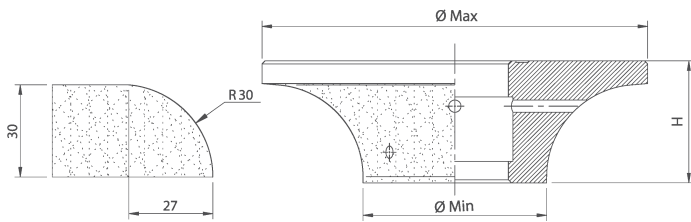
FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	124	60	44	0	0107B3010S09	526,00
Shaping	124	60	40	1	0117B3020009	602,00
Honing	124	60	40	2	0117B3030009	315,00
Finishing	124	60	40	3	0117B3040009	356,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	124	60	44	4	0106B30B0009	219,00
Polishing	124	60	44	5	0106C30B0009	219,00
Final buff	124	60	44	6	0106A30B0009	219,00

SHAPED WHEELS MINIMUM DIAMETER 60 mm

B30 r30



Ø35 connection. Other connection upon request

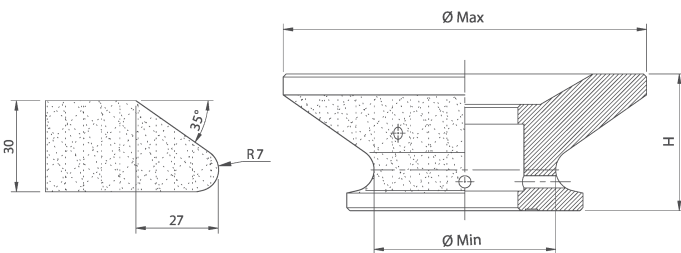
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	126	60	43,78	0	0107B3010S39	526,00
Shaping	126	60	39,78	1	0117B3020039	602,00
Honing	126	60	39,78	2	0117B3030039	315,00
Finishing	126	60	39,78	3	0117B3040039	356,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	126	60	42,78	4	0106B30B0039	219,00
Polishing	126	60	42,78	5	0106B30C0039	219,00
Final buff	126	60	42,78	6	0106B30A0039	219,00

D30-35° r7



Ø35 connection. Other connection upon request

DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	120	60	54	0	0107D3010S09	596,00
Shaping	120	60	45	1	0117D3020009	616,00
Honing	120	60	45	2	0117D3030009	315,00
Finishing	120	60	45	3	0117D3040009	356,00

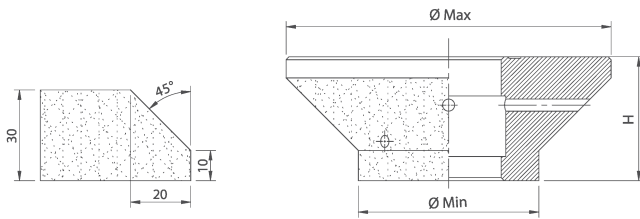
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	120	60	52	4	0106D30B0009	262,00
Polishing	120	60	52	5	0106D30C0009	262,00
Final buff	120	60	52	6	0106D30A0009	262,00

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SHAPED WHEELS MINIMUM DIAMETER 60 mm

E30-45° p10



Ø35 connection. Other connection upon request

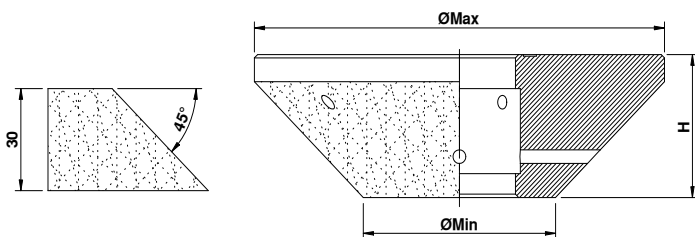
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	108	60	41	0	0107E3010S09	536,00
Shaping	108	60	41	1	0117E3020009	457,00
Honing	108	60	41	2	0117E3030009	257,00
Finishing	108	60	41	3	0117E3040009	298,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	108	60	40	4	0106E30B0009	227,00
Polishing	108	60	40	5	0106E30C0009	227,00
Final buff	108	60	40	6	0106E30A0009	227,00

E30-45° p0



Ø35 connection. Other connection upon request

DIAMOND WHEELS

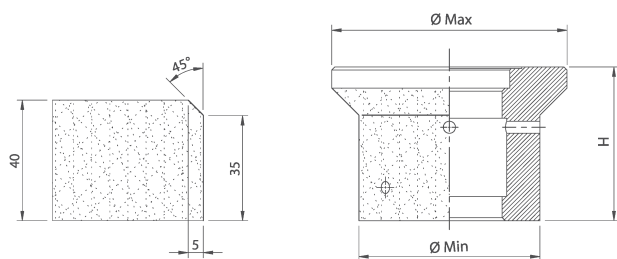
FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	110	60	56	0	0107E3010S19	369,00
Shaping	110	60	56	1	0117E3020019	490,00
Honing	110	60	56	2	0117E3030019	285,00
Finishing	110	60	56	3	0117E3040019	330,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	110	60	56	4	0106E30B0019	280,00
Polishing	110	60	56	5	0106E30C0019	280,00
Final buff	110	60	56	6	0106E30A0019	280,00

SHAPED WHEELS MINIMUM DIAMETER 60 mm

E40-45° p35



Ø35 connection. Other connection upon request

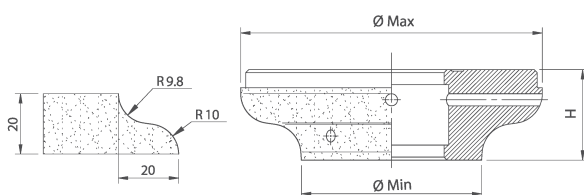
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	78	60	57	0	0107E4010S09	493,00
Shaping	78	60	51	1	0117E4020009	417,00
Honing	78	60	51	2	0117E4030009	298,00
Finishing	78	60	51	3	0117E4040009	368,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	78	60	52	4	0106E40B0009	253,00
Polishing	78	60	52	5	0106E40C0009	253,00
Final buff	78	60	52	6	0106E40A0009	253,00

F20 r9.8+10



Ø35 connection. Other connection upon request

DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	100	60	30	0	0107F2010S09	310,00
Shaping	100	60	30	1	0117F2020009	397,00
Honing	100	60	30	2	0117F2030009	244,00
Finishing	100	60	30	3	0117F2040009	261,00

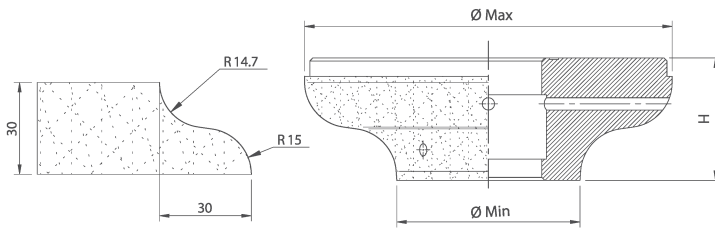
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	100	60	30	4	0106F20B0009	213,00
Polishing	100	60	30	5	0106F20C0009	213,00
Final buff	100	60	30	6	0106F20A0009	213,00

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SHAPED WHEELS MINIMUM DIAMETER 60 mm

F30 r14.7+15



Ø35 connection. Other connection upon request

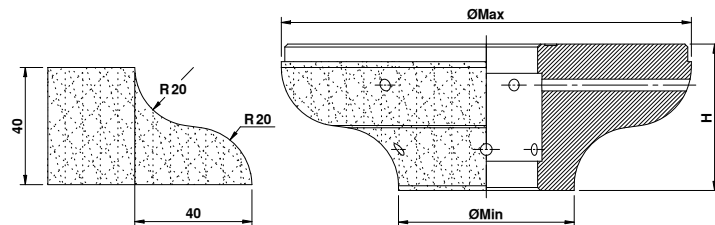
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	120	60	40	0	0107F3010S09	480,00
Shaping	120	60	40	1	0117F3020009	619,00
Honing	120	60	40	2	0117F3030009	356,00
Finishing	120	60	40	3	0117F3040009	356,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	120	60	40	4	0106F30B0009	244,00
Polishing	120	60	40	5	0106F30C0009	244,00
Final buff	120	60	40	6	0106F30A0009	244,00

F40



Ø35 connection. Other connection upon request

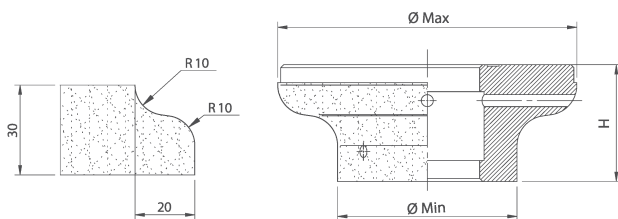
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	120	60	40	0	0107F4010S09	776,00
Shaping	120	60	40	1	0117F4020009	877,00
Honing	120	60	40	2	0117F4030009	406,00
Finishing	120	60	40	3	0117F4040009	462,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	120	60	40	4	0197F40B0009	250,00
Polishing	120	60	40	5	0197F40C0009	250,00
Final buff	120	60	40	6	0197F40A0009	250,00

FS30 r10+10



Ø35 connection. Other connection upon request

DIAMOND WHEELS

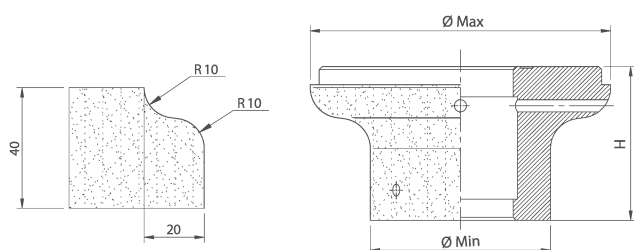
FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	100	60	39	0	0107F3010SS9	510,00
Shaping	100	60	39	1	0117F30200S9	460,00
Honing	100	60	39	2	0117F30300S9	269,00
Finishing	100	60	39	3	0117F30400S9	315,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	100	60	39	4	0106F30B00S9	248,00
Polishing	100	60	39	5	0106F30C00S9	248,00
Final buff	100	60	39	6	0106F30A00S9	248,00

SHAPED WHEELS MINIMUM DIAMETER 60 mm

FS40 r10+10



Ø35 connection. Other connection upon request

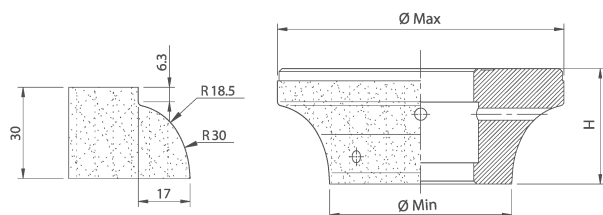
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	100	60	51	0	0107F4010SS9	480,00
Shaping	100	60	51	1	0117F40200S9	560,00
Honing	100	60	51	2	0117F40300S9	340,00
Finishing	100	60	51	3	0117F40400S9	450,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	100	60	51	4	0106F40B00S9	305,00
Polishing	100	60	51	5	0106F40C00S9	305,00
Final buff	100	60	51	6	0106F40A00S9	305,00

H30 p6.3 +r18.5+30



Ø35 connection. Other connection upon request

DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	101	60	38	0	0107H3010S09	404,00
Shaping	101	60	38	1	0117H3020009	440,00
Honing	101	60	38	2	0117H3030009	275,00
Finishing	101	60	38	3	0117H3040009	315,00

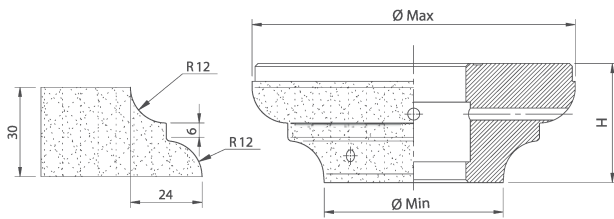
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	101	60	38	4	0106H30B0009	251,00
Polishing	101	60	38	5	0106H30C0009	251,00
Final buff	101	60	38	6	0106H30A0009	251,00

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SHAPED WHEELS MINIMUM DIAMETER 60 mm

O30 r12+p6+r12



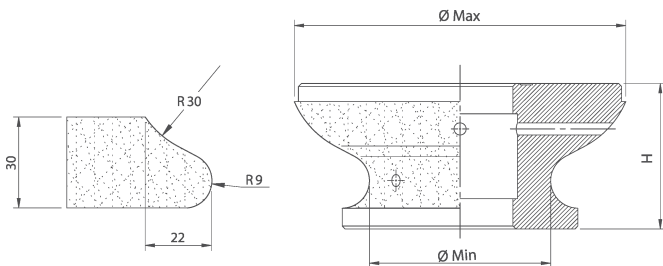
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	108	60	40	0	0107O3010S09	565,00
Shaping	108	60	40	1	0117O3020009	535,00
Honing	108	60	40	2	0117O3030009	330,00
Finishing	108	60	40	3	0117O3040009	330,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	108	60	40	4	0106O30B0009	290,00
Polishing	108	60	40	5	0106O30C0009	290,00
Final buff	108	60	40	6	0106O30A0009	290,00

OG30 r30+9



DIAMOND WHEELS

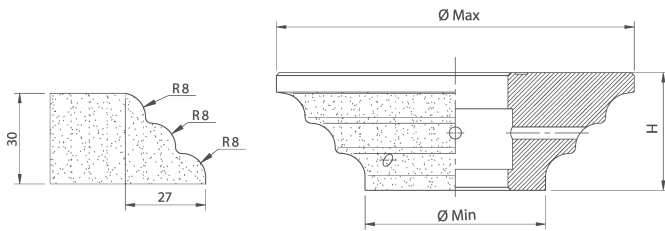
FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	110	60	52	0	0107O3010SG9	589,00
Shaping	110	60	48	1	0117O30200G9	563,00
Honing	110	60	48	2	0117O30300G9	290,00
Finishing	110	60	48	3	0117O30400G9	331,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	110	60	51	4	0106030B00G9	274,00
Polishing	110	60	51	5	0106030C00G9	274,00
Final buff	110	60	51	6	0106030A00G9	274,00

SHAPED WHEELS MINIMUM DIAMETER 60 mm

OS30 r8+8+8



Ø35 connection. Other connection upon request

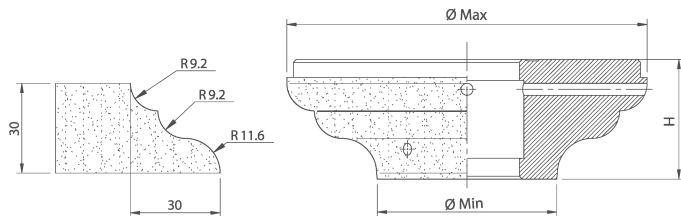
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	120	60	43	0	0107O3010SS9	610,00
Shaping	120	60	39	1	0117O30200S9	446,00
Honing	120	60	39	2	0117O30300S9	380,00
Finishing	120	60	39	3	0117O30400S9	380,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	120	60	42	4	0106O30B00S9	285,00
Polishing	120	60	42	5	0106O30C00S9	285,00
Final buff	120	60	42	6	0106O30A00S9	285,00

Q30 r9.2+9.2+11.6



Ø35 connection. Other connection upon request

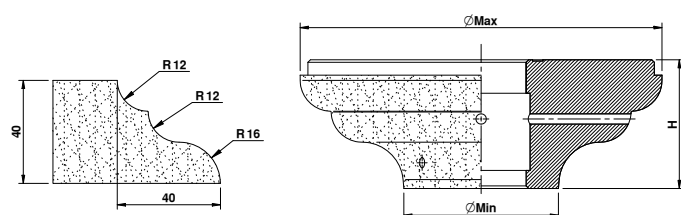
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	120	60	40	0	0107Q3010S09	559,00
Shaping	120	60	40	1	0117Q3020009	596,00
Honing	120	60	40	2	0117Q3030009	273,00
Finishing	120	60	40	3	0117Q3040009	315,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	120	60	40	4	0106Q30B0009	294,00
Polishing	120	60	40	5	0106Q30C0009	294,00
Final buff	120	60	40	6	0106Q30A0009	294,00

Q40 r12+12+16



Ø35 connection. Other connection upon request

DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	120	60	40	0	0107Q4010S09	650,00
Shaping	120	60	40	1	0117Q4020009	870,00
Honing	120	60	40	2	0117Q4030009	450,00
Finishing	120	60	40	3	0117Q4040009	450,00

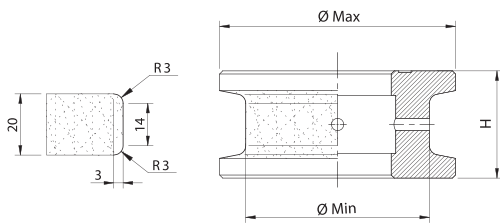
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	120	60	40	4	0197Q40B0009	220,00
Polishing	120	60	40	5	0197Q40C0009	220,00
Final buff	120	60	40	6	0197Q40A0009	220,00

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SHAPED WHEELS MINIMUM DIAMETER 60 mm

T20 r3



Ø35 connection. Other connection upon request

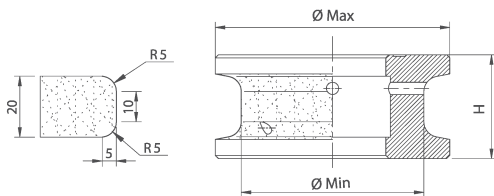
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	77	60	43	0	0107T2010S19	430,00
Shaping	77	60	35	1	0117T2020019	321,00
Honing	77	60	35	2	0117T2030019	211,00
Finishing	77	60	35	3	0117T2040019	232,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	77	60	43	4	0106T20B0019	186,00
Polishing	77	60	43	5	0106T20C0019	186,00
Final buff	77	60	43	6	0106T20A0019	186,00

T20 r5



Ø35 connection. Other connection upon request

DIAMOND WHEELS

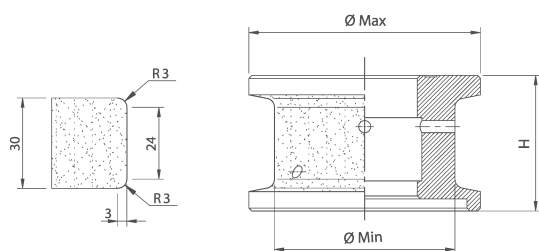
FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	79	60	42	0	0107T2010S09	391,00
Shaping	79	60	34	1	0117T2020009	351,00
Honing	79	60	34	2	0117T2030009	215,00
Finishing	79	60	34	3	0117T2040009	228,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	79	60	43	4	0106T20B0009	186,00
Polishing	79	60	43	5	0106T20C0009	186,00
Final buff	79	60	43	6	0106T20A0009	186,00

SHAPED WHEELS MINIMUM DIAMETER 60 mm

T30 r3



Ø35 connection. Other connection upon request

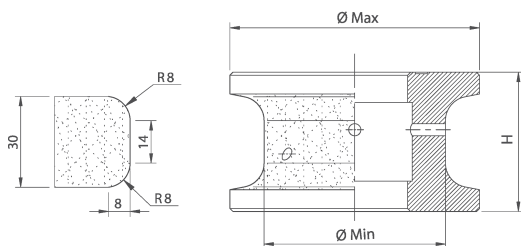
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	77	60	53	0	0107T3010S19	473,00
Shaping	77	60	45	1	0117T3020019	391,00
Honing	77	60	45	2	0117T3030019	335,00
Finishing	77	60	45	3	0117T3040019	340,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	77	60	53	4	0106T30B0019	213,00
Polishing	77	60	53	5	0106T30C0019	213,00
Final buff	77	60	53	6	0106T30A0019	213,00

T30 r8



Ø35 connection. Other connection upon request

DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	85	60	52	0	0107T3010S09	450,00
Shaping	85	60	46	1	0117T3020009	467,00
Honing	85	60	46	2	0117T3030009	269,00
Finishing	85	60	46	3	0117T3040009	311,00

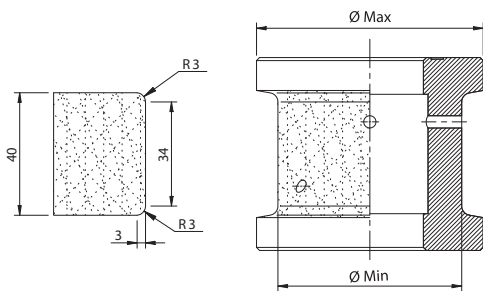
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	85	60	53	4	0106T30B0009	213,00
Polishing	85	60	53	5	0106T30C0009	213,00
Final buff	85	60	53	6	0106T30A0009	213,00

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SHAPED WHEELS MINIMUM DIAMETER 60 mm

T40 r3



Ø35 connection. Other connection upon request

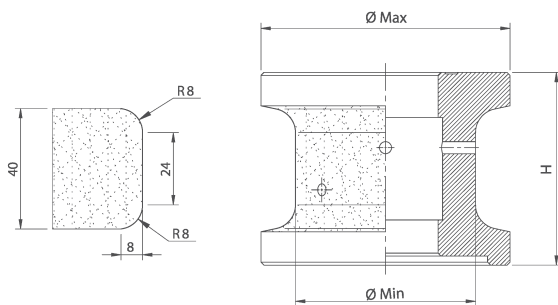
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	74	60	63	0	0107T4010S39	576,00
Shaping	74	60	63	1	0117T4020039	447,00
Honing	74	60	63	2	0117T4030039	311,00
Finishing	74	60	63	3	0117T4040039	372,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	74	60	63	4	0106T40B0039	251,00
Polishing	74	60	63	5	0106T40C0039	251,00
Final buff	74	60	63	6	0106T40A0039	251,00

T40 r8



Ø35 connection. Other connection upon request

DIAMOND WHEELS

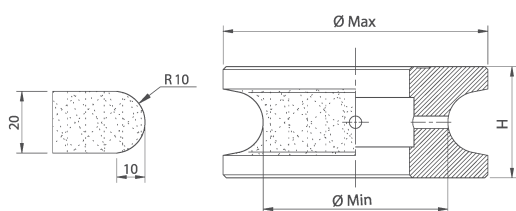
FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	83	60	64	0	0107T4010S19	586,00
Shaping	83	60	64	1	0117T4020019	546,00
Honing	83	60	64	2	0117T4030019	331,00
Finishing	83	60	64	3	0117T4040019	373,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	83	60	64	4	0106T40B0019	251,00
Polishing	83	60	64	5	0106T40C0019	251,00
Final buff	83	60	64	6	0106T40A0019	251,00

SHAPED WHEELS MINIMUM DIAMETER 60 mm

V20 r10



Ø35 connection. Other connection upon request

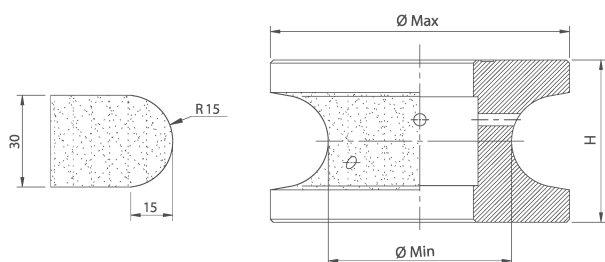
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	86	60	42	0	0107V2010S09	348,00
Shaping	86	60	36	1	0117V2020009	430,00
Honing	86	60	36	2	0117V2030009	236,00
Finishing	86	60	36	3	0117V2040009	248,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	86	60	42	4	0106V20B0009	198,00
Polishing	86	60	42	5	0106V20C0009	198,00
Final buff	86	60	42	6	0106V20A0009	198,00

V30 r15



Ø35 connection. Other connection upon request

DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	98	60	53	0	0107V3010S09	390,00
Shaping	98	60	53	1	0117V3020009	670,00
Honing	98	60	53	2	0117V3030009	320,00
Finishing	98	60	53	3	0117V3040009	370,00

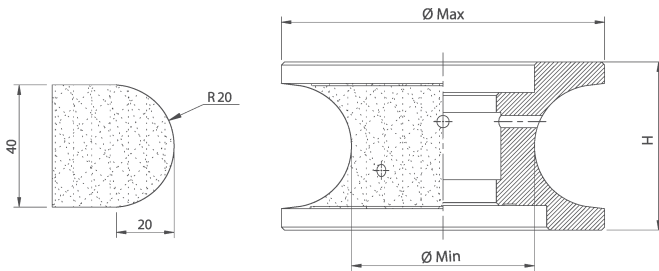
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	98	60	53	4	0106V30B0009	240,00
Polishing	98	60	53	5	0106V30C0009	240,00
Final buff	98	60	53	6	0106V30A0009	240,00

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SHAPED WHEELS MINIMUM DIAMETER 60 mm

V40 r20



Ø35 connection. Other connection upon request

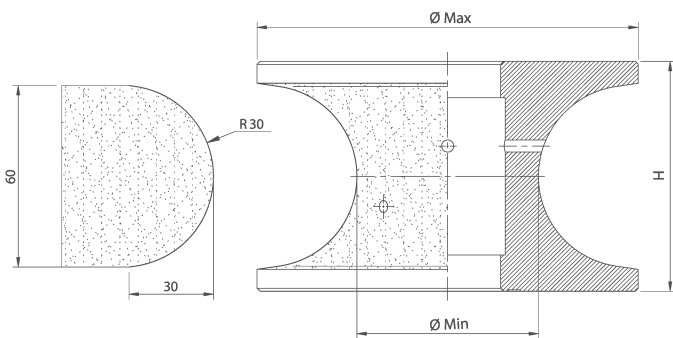
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	106	60	63	0	0107V4010S09	619,00
Shaping	106	60	55	1	0117V4020009	583,00
Honing	106	60	55	2	0117V4030009	422,00
Finishing	106	60	55	3	0117V4040009	431,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	108	60	63	4	0106V40B0009	244,00
Polishing	108	60	63	5	0106V40C0009	244,00
Final buff	108	60	63	6	0106V40A0009	244,00

V60 r30



Ø35 connection. Other connection upon request

DIAMOND WHEELS

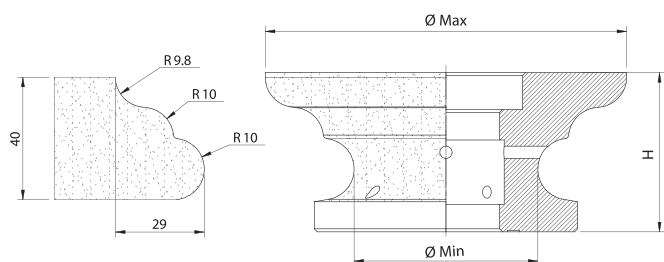
FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	126	60	84	0	0107V6010S09	953,00
Shaping	126	60	76	1	0117V6020009	844,00
Honing	126	60	76	2	0117V6030009	596,00
Finishing	126	60	76	3	0117V6040009	580,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	128	60	86	4	0106V60B0009	353,00
Polishing	128	60	86	5	0106V60C0009	353,00
Final buff	128	60	86	6	0106V60A0009	353,00

SHAPED WHEELS MINIMUM DIAMETER 60 mm

VF40 r10+10+9.8



Ø35 connection. Other connection upon request

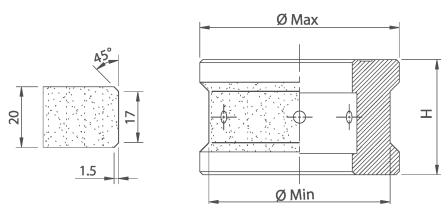
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	118	60	55	0	0107V4010SF9	721,00
Shaping	118	60	52	1	0117V40200F9	543,00
Honing	118	60	52	2	0117V40300F9	551,00
Finishing	118	60	52	3	0117V40400F9	530,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	118	60	52	4	0106V40B00F9	320,00
Polishing	118	60	52	5	0106V40C00F9	320,00
Final buff	118	60	52	6	0106V40A00F9	320,00

X20 45° p17



Ø35 connection. Other connection upon request

DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	66	60	38	0	0107X2010S09	295,00
Shaping	66	60	38	1	0117X2020009	292,00
Honing	66	60	38	2	0117X2030009	207,00
Finishing	66	60	38	3	0117X2040009	228,00

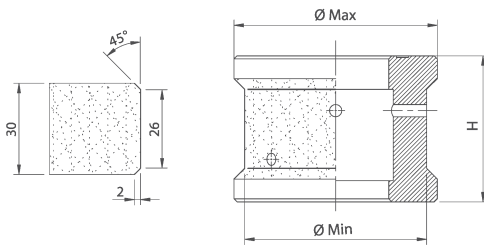
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	66	60	38	4	0106X20B0009	190,00
Polishing	66	60	38	5	0106X20C0009	190,00
Final buff	66	60	38	6	0106X20A0009	190,00

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SHAPED WHEELS MINIMUM DIAMETER 60 mm

X30 45° p26



Ø35 connection. Other connection upon request

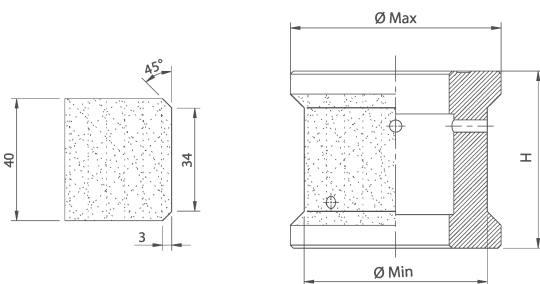
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	66,6	60	48	0	0107X3010S09	374,00
Shaping	66,6	60	48	1	0117X3020009	328,00
Honing	66,6	60	48	2	0117X3030009	240,00
Finishing	66,6	60	48	3	0117X3040009	286,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	66,6	60	48	4	0106X30B0009	204,00
Polishing	66,6	60	48	5	0106X30C0009	204,00
Final buff	66,6	60	48	6	0106X30A0009	204,00

X40 45° p34



Ø35 connection. Other connection upon request

DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	69	60	63	0	0107X4010S09	540,00
Shaping	69	60	58	1	0117X4020009	352,00
Honing	69	60	58	2	0117X4030009	269,00
Finishing	69	60	58	3	0117X4040009	298,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	69	60	58	4	0106X40B0009	216,00
Polishing	69	60	58	5	0106X40C0009	216,00
Final buff	69	60	58	6	0106X40A0009	216,00

SHAPED WHEELS MINIMUM DIAMETER 60 mm

Z20



Ø35 connection. Other connection upon request

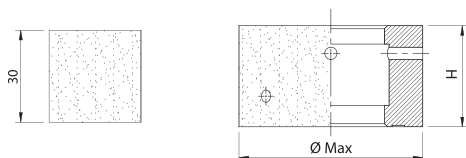
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	60	60	23	0	0107Z2010S09	321,00
Shaping	60	60	23	1	0117Z2020009	212,00
Honing	60	60	23	2	0117Z2030009	244,00
Finishing	60	60	23	3	0117Z2040009	248,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	60	60	60	4	0106Z40B0009	219,00
Polishing	60	60	60	5	0106Z40C0009	219,00
Final buff	60	60	60	6	0106Z40A0009	219,00

Z30



Ø35 connection. Other connection upon request

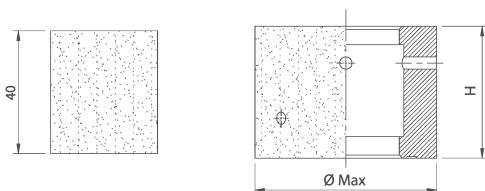
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	60	60	33	0	0107Z3010S09	328,00
Shaping	60	60	33	1	0117Z3020009	291,00
Honing	60	60	33	2	0117Z3030009	266,00
Finishing	60	60	33	3	0117Z3040009	286,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	60	60	60	4	0106Z40B0009	219,00
Polishing	60	60	60	5	0106Z40C0009	219,00
Final buff	60	60	60	6	0106Z40A0009	219,00

Z40



Ø35 connection. Other connection upon request

DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	60	60	43	0	0107Z4010S09	364,00
Shaping	60	60	43	1	0117Z4020009	354,00
Honing	60	60	43	2	0117Z4030009	282,00
Finishing	60	60	43	3	0117Z4040009	344,00

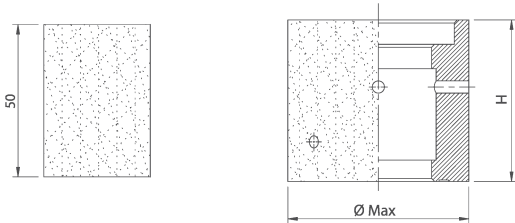
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	60	60	60	4	0106Z40B0009	219,00
Polishing	60	60	60	5	0106Z40C0009	219,00
Final buff	60	60	60	6	0106Z40A0009	219,00

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SHAPED WHEELS MINIMUM DIAMETER 60 mm

Z50



Ø35 connection. Other connection upon request

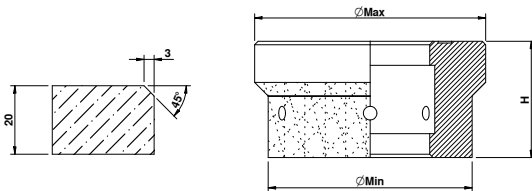
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	60	60	53	0	0107Z5010S09	470,00
Shaping	60	60	53	1	0117Z5020009	430,00
Honing	60	60	53	2	0117Z5030009	381,00
Finishing	60	60	53	3	0117Z5040009	468,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	60	60	60	4	0106Z50B0009	229,00
Polishing	60	60	60	5	0106Z50C0009	229,00
Final buff	60	60	60	6	0106Z50A0009	229,00

ZX20



Ø35 connection. Other connection upon request

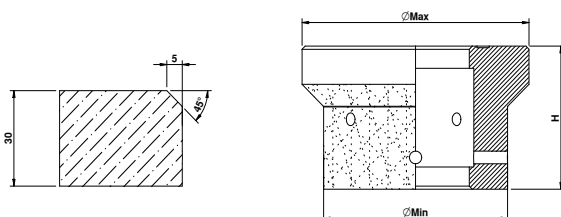
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	68	60	33	0	0107Z2010SX9	320,00
Shaping	68	60	33	1	0117Z20200X9	260,00
Honing	68	60	33	2	0117Z20300X9	240,00
Finishing	68	60	33	3	0117Z20400X9	280,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	68	60	60	4	0106Z20B00X9	190,00
Polishing	68	60	60	5	0106Z20C00X9	190,00
Final buff	68	60	60	6	0106Z20A00X9	190,00

ZX30



Ø35 connection. Other connection upon request

DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Stock-removal	74	60	43	0	0107Z3010SX9	410,00
Shaping	74	60	43	1	0117Z30200X9	360,00
Honing	74	60	43	2	0117Z30300X9	285,00
Finishing	74	60	43	3	0117Z30400X9	345,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	h mm	POS	ITEM CODE	€
Pre-polishing	74	60	60	4	0106Z30B00X9	210,00
Polishing	74	60	60	5	0106Z30C00X9	210,00
Final buff	74	60	60	6	0106Z30A00X9	210,00

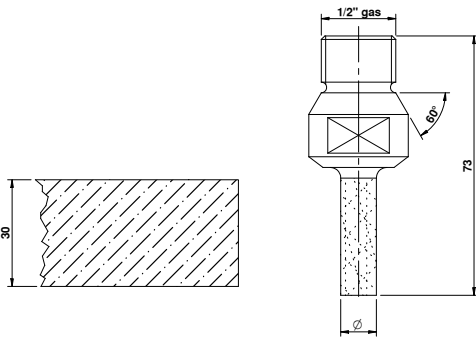
SHAPED TOOLS FOR INSIDE PROFILING WITH CNC MACHINES

WORKING PARAMETERS

POSITION	FUNCTION	Feed - mm/min			Increment mm	rpm		Feed mm/min	rpm
DIAMOND WHEELS		SYNTHETIC	MARBLE	GRANITE				DEKTON	
pos. 1	Profiling	800-1200	800-1200	800-1200	0,2-0,4	6000-8000		500	6000
pos. 2	Honing	800-1200	800-1200	800-1200	0,1-0,3	6000-8000		250	6000
pos. 3	Finishing	800-1200	800-1200	800-1200	0,05-0,1	6000-7000		100	6000

POSITION	FUNCTION	Feed - mm/min			Increment mm	rpm	Adaptive increment mm/m	Feed mm/min	rpm
POLISHING WHEELS		SYNTHETIC	MARBLE	GRANITE				DEKTON	
pos. 4	Pre-polishing	500 - 1000	500 - 1000	500 - 1000	0,3	3500	0,01	300	3000
pos. 5	Polishing	500 - 1000	500 - 1000	500 - 1000	0,3	3500	0,01	300	3000
pos. 6	Final buff	500 - 1000	500 - 1000	500 - 1000	0,3	3500	0,01	300	3000

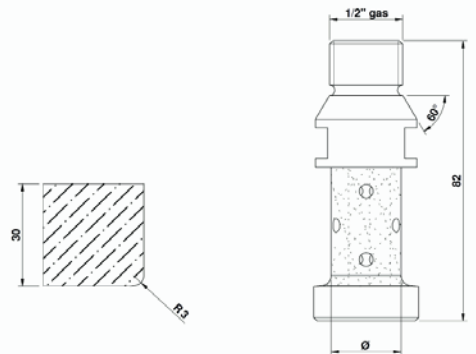
Z30 diam. 10 mm



FUNCTION	POSITION	Ø mm	ITEM CODE	€
Sgrossatura	pos. 0	12	01050383U009	116,00
Profiling	pos. 1	10	01050325U119	175,00
Honing	pos. 2	10	01050325U219	175,00
Finishing	pos. 3	10	01050325U319	175,00
Pre-polishing	pos. 4	10	0176Z30B0019	150,00
Polishing	pos. 5	10	0176Z30C0019	150,00
Final buff	pos. 6	10	0176Z30A0019	150,00

1/2" GAS M connection. Other supports upon request

A30 r3



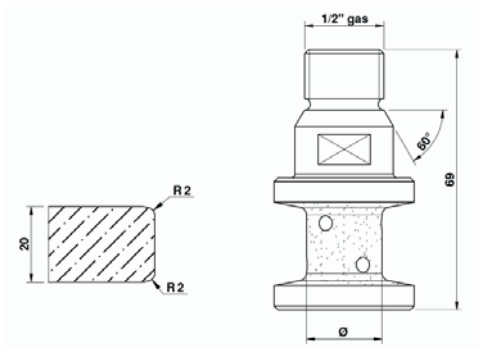
FUNCTION	POSITION	Ø mm	ITEM CODE	€
Profiling	pos. 1	20	01050357U109	210,00
Honing	pos. 2	20	01050357U209	210,00
Finishing	pos. 3	20	01050357U309	210,00
Pre-polishing	pos. 4	20	0176A30B0069	175,00
Polishing	pos. 5	20	0176A30C0069	175,00
Final buff	pos. 6	20	0176A30A0069	175,00

1/2" GAS M connection. Other supports upon request

ghinesgroup

SHAPED TOOLS FOR INSIDE PROFILING WITH CNC MACHINES

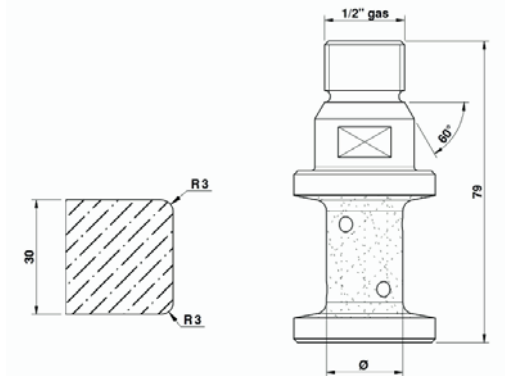
T20 r2



FUNCTION	POSITION	Ø mm	ITEM CODE	€
Profiling	pos. 1	20	01050326U109	210,00
Honing	pos. 2	20	01050326U209	210,00
Finishing	pos. 3	20	01050326U309	210,00
Pre-polishing	pos. 4	20	0155T20B0029	175,00
Polishing	pos. 5	20	0155T20C0029	175,00
Final buff	pos. 6	20	0155T20A0029	175,00

1/2" GAS M connection. Other supports upon request

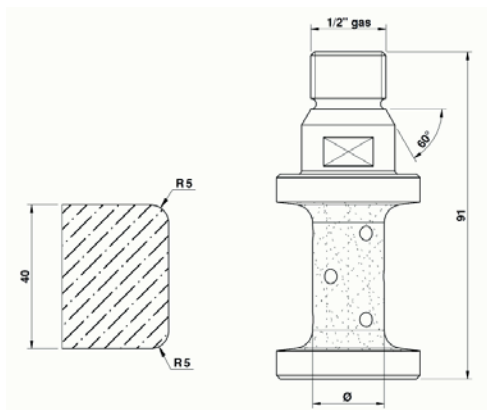
T30 r3



FUNCTION	POSITION	Ø mm	ITEM CODE	€
Profiling	pos. 1	20	01050327U109	210,00
Honing	pos. 2	20	01050327U209	210,00
Finishing	pos. 3	20	01050327U309	210,00
Pre-polishing	pos. 4	20	0176T30B0019	175,00
Polishing	pos. 5	20	0176T30C0019	175,00
Final buff	pos. 6	20	0176T30A0019	175,00

1/2" GAS M connection. Other supports upon request

T40 r5

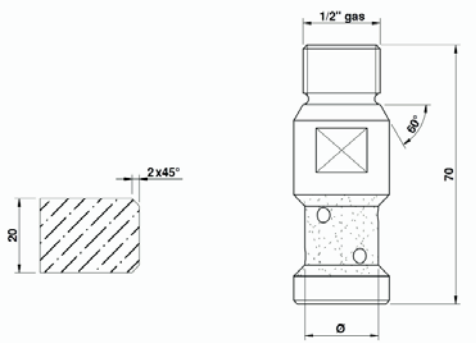


FUNCTION	POSITION	Ø mm	ITEM CODE	€
Profiling	pos. 1	20	01050330U109	250,00
Honing	pos. 2	20	01050330U209	250,00
Finishing	pos. 3	20	01050330U309	250,00
Pre-polishing	pos. 4	20	0176T40B0009	175,00
Polishing	pos. 5	20	0176T40C0009	175,00
Final buff	pos. 6	20	0176T40A0009	175,00

1/2" GAS M connection. Other supports upon request

SHAPED TOOLS FOR INSIDE PROFILING WITH CNC MACHINES

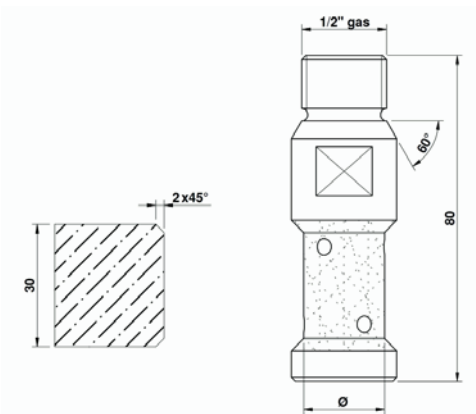
X20



FUNCTION	POSITION	Ø mm	ITEM CODE	€
Profiling	pos. 1	20	01050314U109	210,00
Honing	pos. 2	20	01050314U209	210,00
Finishing	pos. 3	20	01050314U309	210,00
Pre-polishing	pos. 4	20	0176X20B0009	175,00
Polishing	pos. 5	20	0176X20C0009	175,00
Final buff	pos. 6	20	0176X20A0009	175,00

1/2" GAS M connection. Other supports upon request

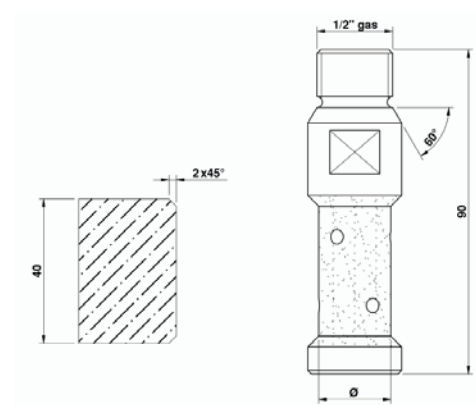
X30



FUNCTION	POSITION	Ø mm	ITEM CODE	€
Profiling	pos. 1	20	01050320U109	210,00
Honing	pos. 2	20	01050320U209	210,00
Finishing	pos. 3	20	01050320U309	210,00
Pre-polishing	pos. 4	20	0176X30B0009	175,00
Polishing	pos. 5	20	0176X30C0009	175,00
Final buff	pos. 6	20	0176X30A0009	175,00

1/2" GAS M connection. Other supports upon request

X40



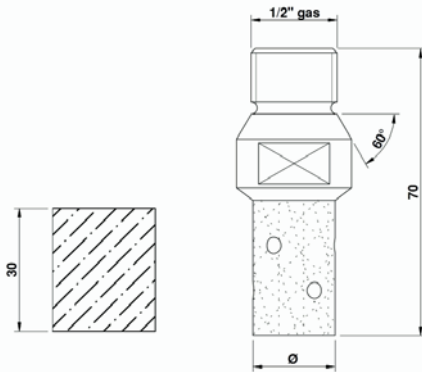
FUNCTION	POSITION	Ø mm	ITEM CODE	€
Profiling	pos. 1	20	01050329U109	250,00
Honing	pos. 2	20	01050329U209	250,00
Finishing	pos. 3	20	01050329U309	250,00
Pre-polishing	pos. 4	20	0176X40B0009	175,00
Polishing	pos. 5	20	0176X40C0009	175,00
Final buff	pos. 6	20	0176X40A0009	175,00

1/2" GAS M connection. Other supports upon request

ghinesgroup

SHAPED TOOLS FOR INSIDE PROFILING WITH CNC MACHINES

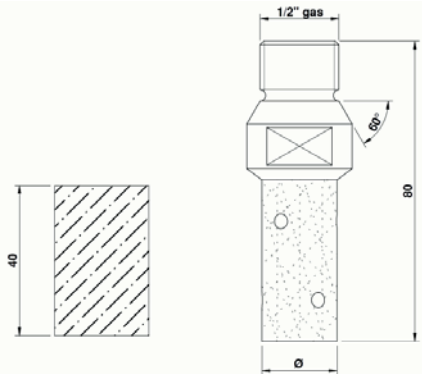
Z30



FUNCTION	POSITION	Ø mm	ITEM CODE	€
Profiling	pos. 1	20	01050325U109	210,00
Honing	pos. 2	20	01050325U209	210,00
Finishing	pos. 3	20	01050325U309	210,00
Pre-polishing	pos. 4	20	0176Z30B0009	175,00
Polishing	pos. 5	20	0176Z30C0009	175,00
Final buff	pos. 6	20	0176Z30A0009	175,00

1/2" GAS M connection. Other supports upon request

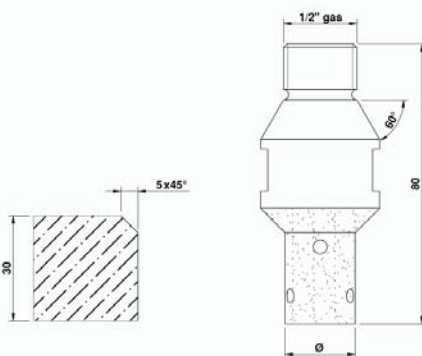
Z40



FUNCTION	POSITION	Ø mm	ITEM CODE	€
Profiling	pos. 1	20	01050355U109	250,00
Honing	pos. 2	20	01050355U209	250,00
Finishing	pos. 3	20	01050355U309	250,00
Pre-polishing	pos. 4	20	0176Z40B0009	175,00
Polishing	pos. 5	20	0176Z40C0009	175,00
Final buff	pos. 6	20	0176Z40A0009	175,00

1/2" GAS M connection. Other supports upon request

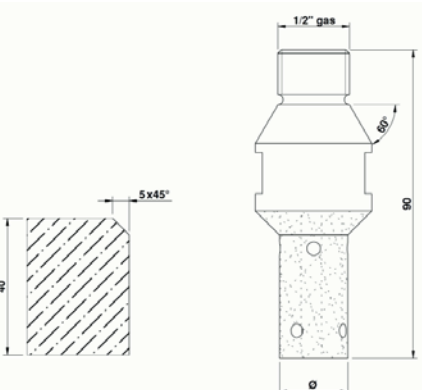
ZX30



FUNCTION	POSITION	Ø mm	ITEM CODE	€
Profiling	pos. 1	20	01050369U109	210,00
Honing	pos. 2	20	01050369U209	210,00
Finishing	pos. 3	20	01050369U309	210,00
Pre-polishing	pos. 4	20	0176Z30B00X9	175,00
Polishing	pos. 5	20	0176Z30C00X9	175,00
Final buff	pos. 6	20	0176Z30A00X9	175,00

1/2" GAS M connection. Other supports upon request

ZX40



FUNCTION	POSITION	Ø mm	ITEM CODE	€
Profiling	pos. 1	20	01050365U109	250,00
Honing	pos. 2	20	01050365U209	250,00
Finishing	pos. 3	20	01050365U309	250,00
Pre-polishing	pos. 4	20	0176Z40B00X9	175,00
Polishing	pos. 5	20	0176Z40C00X9	175,00
Final buff	pos. 6	20	0176Z40A00X9	175,00

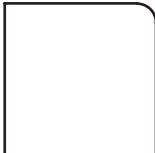
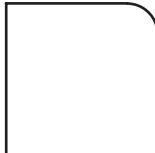
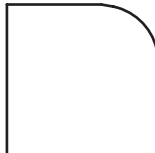
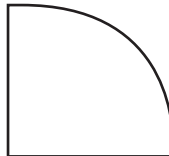
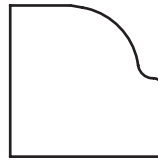
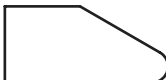
1/2" GAS M connection. Other supports upon request

ghinesgroup

SHAPED WHEELS WITH 22,2 MM CONNECTION



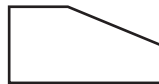
GTOOLS - PROFILES LIST

A			A30					
 A20 r5 ask for info			 A20 r10 pag. 47	 A20 r15 ask for info	 A30 r5 pag. 47	 A30 r8 pag. 48	 A30 r10 pag. 48	 A30 r15 pag. 49
A40				A50	A60			
 A40 r5 ask for info			 A40 r8 ask for info	 A40 r15 ask for info	 A40 r20 pag. 49	 A50 r25 ask for info	 A60 r30 ask for info	
B	B20	B30		B40	BX40			
 B20 r20 pag. 50			 B30 r25 pag. 50	 B30 r30 pag. 51	 B40 r40 ask for info	 BX40 R18+4+2 ask for info		
C	C20	C30						
 C20 r30+15 ask for info			 C30 r37+16 ask for info					
D	D20	D30	DW40					
 D20 R4,25 ask for info			 D30 35° r7 pag. 51	 DW40 r16+9.5 ask for info				

E | E20 | E30



E20 45° p7
pag. 52



E20 22° p10
ask for info



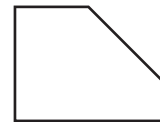
E20 27° p10
ask for info



E20 45° p10
ask for info

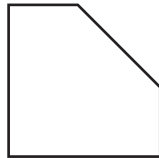


E20 45° p12
ask for info

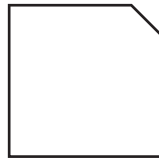


E30 45° p10
pag. 52

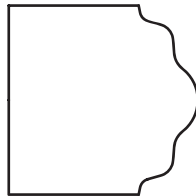
E40 | EL50



E40 45° p22
ask for info



E40 45° p35
ask for info



EL50
ask for info

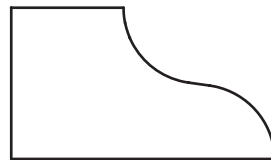
F | F20 | F30 | F40 | FG30 | FG40



F20 r9.8+10
pag. 53



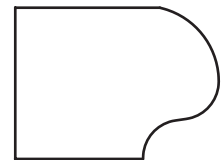
F30 r14.7+15
pag. 53



F40 r20+20
ask for info



FG30 r15+7.5+7.5
ask for info

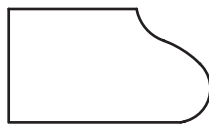


FG40 r20+10+10
ask for info

FGS40 | FO30 | FO40 | FS30 | FS40



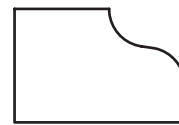
FGS40 r18+16+12
ask for info



FO30 r11+26+9
ask for info



FO40 r12+34.7+14.7
ask for info

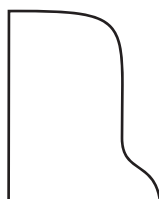


FS30 r10+10
pag. 54



FS40 r10+10
ask for info

G | GA50



GA50
ask for info

GTOOLS - PROFILES LIST

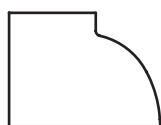
H	H20	H20S	H30	H40
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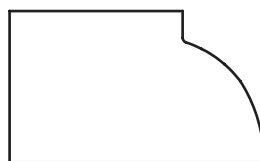
H20 p5.15+r10+20
pag. 54



H20S
ask for info



H30 p6.3 +r18.5+30
pag. 55



H40 r30+40
ask for info

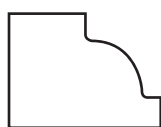
HL20	HT20	HT30
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HL20 r16+p6
ask for info



HT20 r7.5
ask for info



HT30
ask for info

I	I20	I30
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I20 r6
ask for info



I30 r9
ask for info

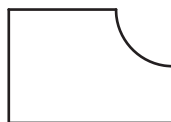
L	L20	L30	L40
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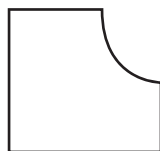
L20 r10+p10
pag. 55



L20 r8+p12
ask for info



L30 r15
pag. 56



L40
ask for info

M	M20	M30
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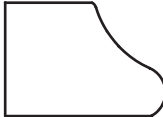
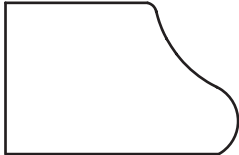
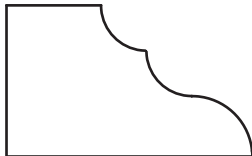
M20
ask for info



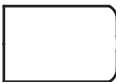
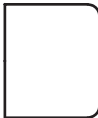
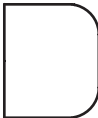
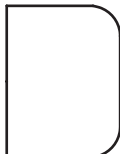
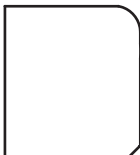
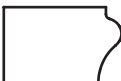
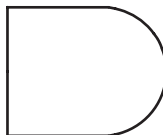
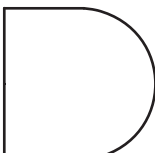
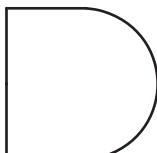
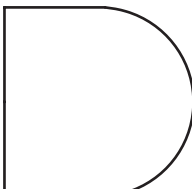
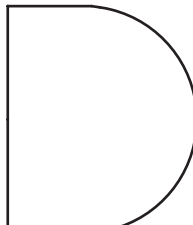
M30 r9+22
ask for info

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GTOOLS - PROFILES LIST

O	O20	O30	OG20	OG30	OGS30	OGS40
	 O20 r8+p4+r8 pag. 56	 O30 r12+p6+r12 pag. 57	 OG20 r20+6 ask for info	 OG30 r30+9 ask for info	 OGS30 r2+7+26 ask for info	 OGS40 r3+10+30 ask for info
	OS20	OS30	O20SP	O30SP		
	 OS20 r5+5+5 ask for info	 OS30 r8+8+8 pag. 57	 O20SP r17+14 ask for info	 O30SP ask for info		
Q	Q20	Q30	Q20S	Q30S	Q40	
	 Q20 r6.5+6.5+7 ask for info	 Q30 r9.2+9.2+11.6 pag. 58	 Q20S ask for info	 Q30S ask for info	 Q40 r12+12+16 ask for info	
R	R30					
	 R30 ask for info					

GTOOLS - PROFILES LIST

T	T20			T30			T40					
												
	T20 r3 ask for info	T20 r4 ask for info	T20 r5 pag. 58	T30 r3 pag. 59	T30 r5 pag. 59	T30 r8 pag. 60	T40 r3 ask for info	T40 r8 pag. 60	T40 r11 pag. 61			
TP40		TS30		TX30		TX40						
												
	TP40 r10+10+10+5 ask for info	TS30 r15+7 ask for info	TX30 r7 ask for info	TX40 r7 ask for info								
U	U20		U30		U40							
												
	U20 r4+13 ask for info	U30 r6+19.5 ask for info	U40 ask for info									
V	V15		V20		V25		V30		V34		V35	
												
	V15 r7.5 ask for info	V20 r10 pag. 61	V25 r12.5 ask for info	V30 r15 pag. 62	V30 r18.5 ask for info	V34 r17 ask for info	V35 r23 ask for info					
V40			V50			V60			V70			
												
	V40 r20 pag. 62	V40 r40 ask for info	V50 r25 pag. 63	V60 r30 ask for info	V70 ask for info							

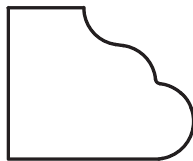
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GTOOLS - PROFILES LIST

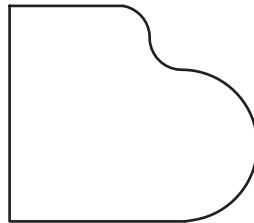
V VF



VF30 r7.5+7.5+7.5
ask for info



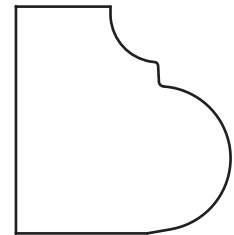
VF40 r10+10+9.8
ask for info



VF57 r8.5+8.5+20
ask for info



VO30
ask for info



VO60 r12.7+19.05
ask for info

VX



VX 40 r15+p10
ask for info

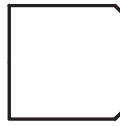
X X14 X20 X30 X40 X50 X60



X14 45° p10
ask for info



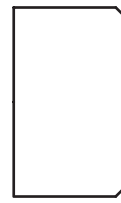
X20 45° p17
pag. 63



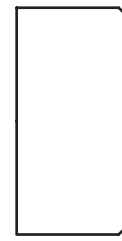
X30 45° p26
pag. 64



X40 45° p34
pag. 64

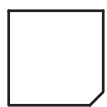


X50 45° p44
ask for info

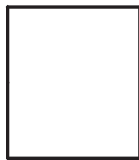


X60 45° p54
ask for info

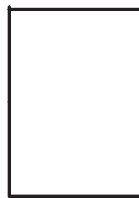
Z ZX25 Z40 Z50



ZX25
ask for info

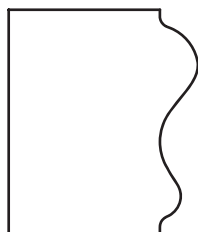


Z40
pag. 65



Z50
pag. 65

W WW60



WW60
ask for info

WORKING PARAMETERS

POSITION	FUNCTION	PROGRESSION	ROTATION SPEED (rpm)			
			SYNTHETIC MATERIALS	MARBLE	GRANITES	HARD GRANITES, GRES AND CERAMICS
Pos. 0 (stock-removal)	straight edge		10000	10000	10000	10000
	sink cut-out		10000	10000	10000	10000
	steps		till tracer point contact	till tracer point contact	till tracer point contact	till tracer point contact
The motion of the tool shall be linear, using light and constant pressure						
Pos. 1 (profiling)	straight edge		10000	10000	10000	10000
	sink cut-out		10000	10000	10000	10000
	steps		till tracer point contact	till tracer point contact	till tracer point contact	till tracer point contact
The motion of the tool shall be linear, using light and constant pressure						
Pos. 2 (honing)	straight edge		5000	10000	10000	10000
	sink cut-out		3000	5000	5000	5000
	steps		till tracer point contact	till tracer point contact	till tracer point contact	till tracer point contact
The motion of the tool shall be linear, using light and constant pressure						
Pos. 3 (finishing)	straight edge		3000	10000	10000	10000
	sink cut-out		2300	3000	3000	3000
	steps		2 – 3	2 – 3	2 – 3	2 – 3
The motion of the tool shall be linear, using light and constant pressure						
Pos. 4 (pre-polishing)	straight edge		not required	3500	3500	3500
	sink cut-out		not required	2300	2300	2300
	steps			3 – 4	3 – 4	5 – 6
The motion of the tool shall be linear, using light and constant pressure						
Pos. 5 (polishing)	straight edge		2300	3500	3500	3500
	sink cut-out		2300	2300	2300	2300
	steps		3 – 4	3 – 4	3 – 4	5 – 6
The motion of the tool shall be linear, using light and constant pressure						
Pos. 6* (final buff)	straight edge		2300	3500	3500	3500
	sink cut-out		2300	2300	2300	2300
	steps		3 – 4	3 – 4	3 – 4	5 – 6
The motion of the tool shall be linear, using light and constant pressure						

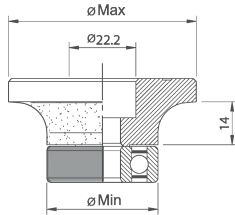
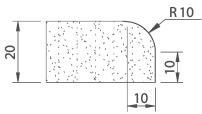
*The use of the orange wheel is upon user's preference, depending on the different materials

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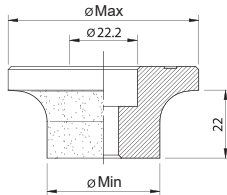
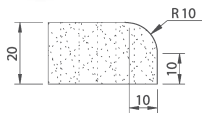
SHAPED WHEELS WITH 22,2 mm CONNECTION

A20 r10

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

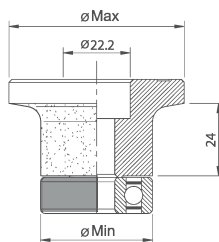
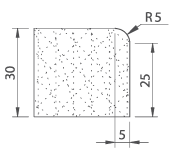
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	62,5	37	0	0150A200N009	0150A200S009	255,00
Profiling	62,5	37	1	0113A201N009	0113A201S009	195,00
Honing	62,5	37	2	0123A202N009	0123A202S009	174,00
Finishing	62,5	37	3	0123A203N009		199,00

POLISHING WHEELS

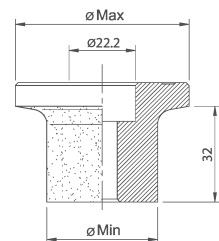
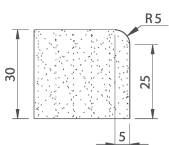
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	78	50	4	0106A20B2009		189,00
Polishing	78	50	5	0106A20C2009		189,00
Final buff	78	50	6	0106A20A2009		189,00

A30 r5

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	58	37	0	0150A300N039	0150A300S039	298,00
Profiling	58	37	1	0113A301N039	0113A301S039	199,00
Honing	58	37	2	0123A302N039	0123A302S039	207,00
Finishing	58	37	3	0123A303N039		257,00

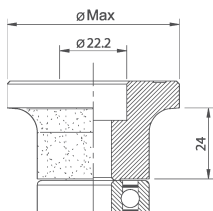
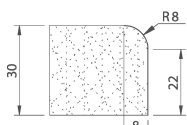
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	81	60	4	0106A30B2039		210,00
Polishing	81	60	5	0106A30C2039		210,00
Final buff	81	60	6	0106A30A2039		210,00

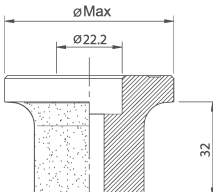
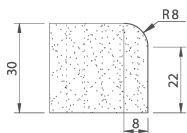
SHAPED WHEELS WITH 22,2 mm CONNECTION

A30 r8

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

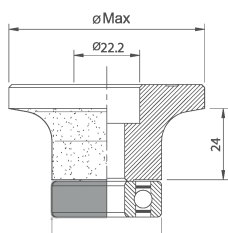
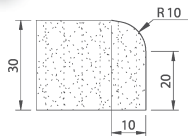
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	57	37	0	0150A300N019	0150A300S019	265,00
Profiling	57	37	1	0133A301N019	0133A301S019	218,00
Honing	57	37	2	0143A302N019	0143A302S019	224,00
Finishing	57	37	3	0143A303N019		257,00

POLISHING WHEELS

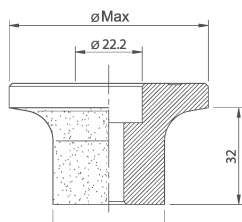
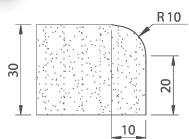
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	80	60	4	0106A30B2019		210,00
Polishing	80	60	5	0106A30C2019		210,00
Final buff	80	60	6	0106A30A2019		210,00

A30 r10

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	66	37	0	0150A300N049	0150A300S049	305,00
Profiling	66	37	1	0113A301N049	0113A301S049	258,00
Honing	66	37	2	0123A302N049	0123A302S049	228,00
Finishing	66	37	3	0123A303N049		257,00

POLISHING WHEELS

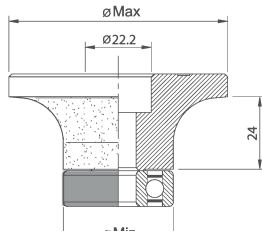
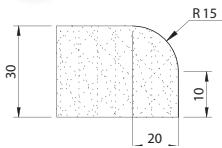
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	89	60	4	0106A30B2049		210,00
Polishing	89	60	5	0106A30C2049		210,00
Final buff	89	60	6	0106A30A2049		210,00

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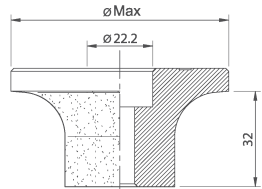
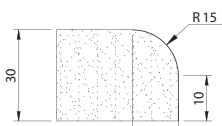
SHAPED WHEELS WITH 22,2 mm CONNECTION

A30 r15

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

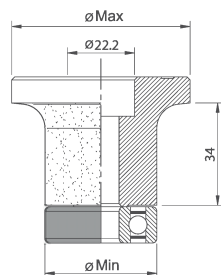
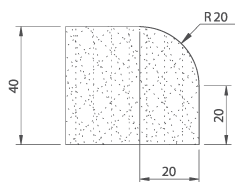
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	73,5	37	0	0150A300N009	0150A300S009	328,00
Profiling	73,5	37	1	0113A301N009	0113A301S009	285,00
Honing	73,5	37	2	0123A302N009	0123A302S009	224,00
Finishing	73,5	37	3	0123A303N009		273,00

POLISHING WHEELS

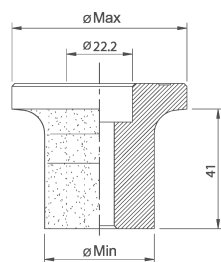
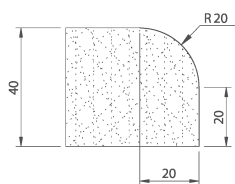
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	98	60	4	0106A30B2009		210,00
Polishing	98	60	5	0106A30C2009		210,00
Final buff	98	60	6	0106A30A2009		210,00

A40 r20

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	83,5	37	0	0150A400N009	0150A400S009	354,00
Profiling	83,5	37	1	0113A401N009	0113A401S009	377,00
Honing	83,5	37	2	0123A402N009	0123A402S009	294,00
Finishing	83,5	37	3	0123A403N009		327,00

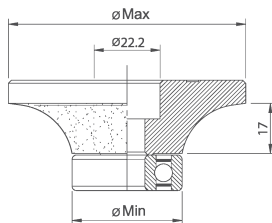
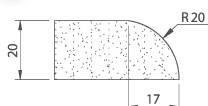
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	108	60	4	0106A40B2009		235,00
Polishing	108	60	5	0106A40C2009		235,00
Final buff	108	60	6	0106A40A2009		235,00

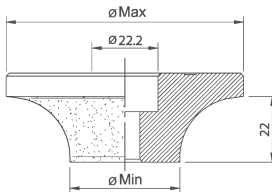
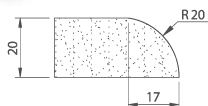
SHAPED WHEELS WITH 22,2 mm CONNECTION

B20 r20

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

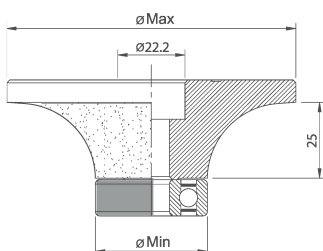
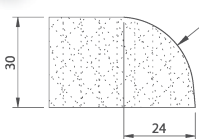
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	80,5	37	0	0150B200N009	0150B200S009	287,00
Profiling	80,5	37	1	0113B201N009	0113B201S009	255,00
Honing	80,5	37	2	0123B202N009	0123B202S009	186,00
Finishing	80,5	37	3	0123B203N009		199,00

POLISHING WHEELS

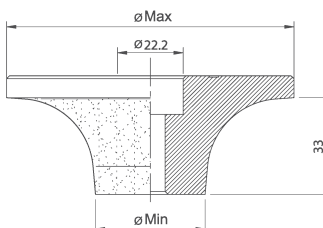
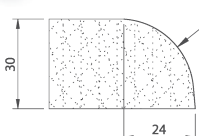
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	106	60	4	0106B20B2009		195,00
Polishing	106	60	5	0106B20C2009		195,00
Final buff	106	60	6	0106B20A2009		195,00

B30 r25

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	95,5	37	0	0150B300N009	0150B300S009	357,00
Profiling	95,5	37	1	0113B301N009	0113B301S009	328,00
Honing	95,5	37	2	0123B302N009	0123B302S009	236,00
Finishing	95,5	37	3	0123B303N009		248,00

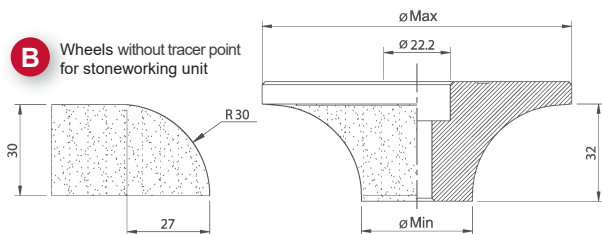
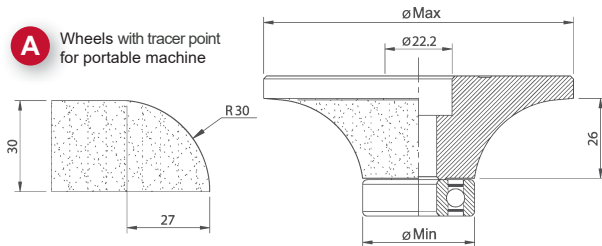
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	124	60	4	0106B30B2009		219,00
Polishing	124	60	5	0106B30C2009		219,00
Final buff	124	60	6	0106B30A2009		219,00

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SHAPED WHEELS WITH 22,2 mm CONNECTION

B30 r30



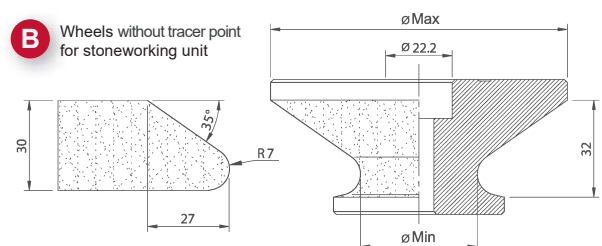
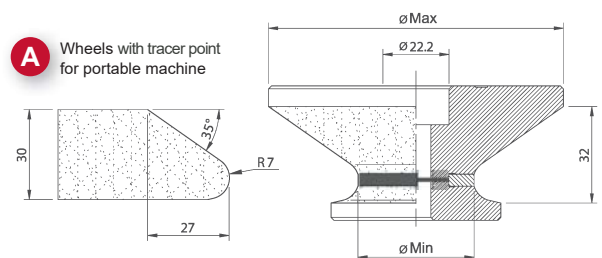
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	102	36	0	0150B300N039	0150B300S039	364,00
Profiling	102	36	1	0113B301N039	0113B301S039	414,00
Honing	102	36	2	0123B302N039	0123B302S039	290,00
Finishing	102	36	3	0123B303N039		294,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	126	60	4	0106B30B2039		219,00
Polishing	126	60	5	0106B30C2039		219,00
Final buff	126	60	6	0106B30A2039		219,00

D30 35° r7



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	99	39	0	0150D300N009	0150D300S009	533,00
Profiling	99	39	1	0113D301N009	0113D301S009	434,00
Honing	99	39	2	0123D302N009	0123D302S009	290,00
Finishing	99	39	3	0123D303N009		315,00

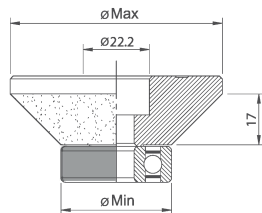
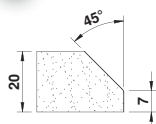
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	120	60	4	0106D30B2009		262,00
Polishing	120	60	5	0106D30C2009		262,00
Final buff	120	60	6	0106D30A2009		262,00

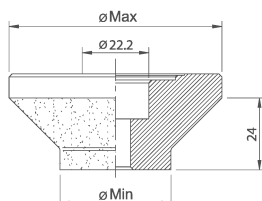
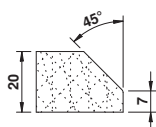
SHAPED WHEELS WITH 22,2 mm CONNECTION

E20 45° p7

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

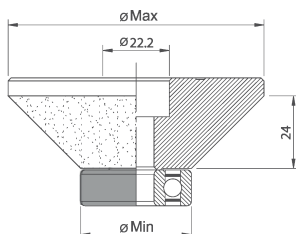
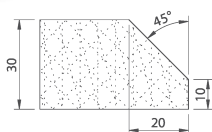
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	71	37	0	0150E200N009	0150E200S009	255,00
Profiling	71	37	1	0113E201N009	0113E201S009	225,00
Honing	71	37	2	0123E202N009	0123E202S009	207,00
Finishing	71	37	3	0123E203N009		207,00

POLISHING WHEELS

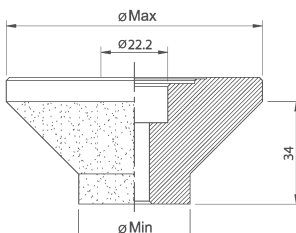
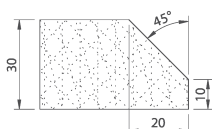
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	94	60	4	0106E20B2009		216,00
Polishing	94	60	5	0106E20C2009		216,00
Final buff	94	60	6	0106E20A2009		216,00

E30 45° p10

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	85,5	37	0	0150E300N009	0150E300S009	338,00
Profiling	85,5	37	1	0113E301N009	0113E301S009	324,00
Honing	85,5	37	2	0123E302N009	0123E302S009	240,00
Finishing	85,5	37	3	0123E303N009		269,00

POLISHING WHEELS

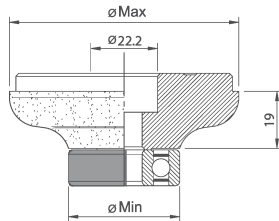
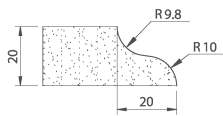
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	108	60	4	0106E30B2009		227,00
Polishing	108	60	5	0106E30C2009		227,00
Final buff	108	60	6	0106E30A2009		227,00

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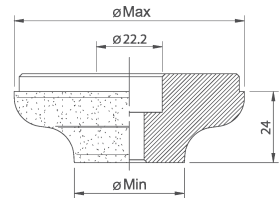
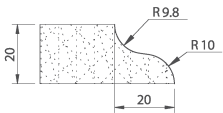
SHAPED WHEELS WITH 22,2 mm CONNECTION

F20 r9,8+10

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

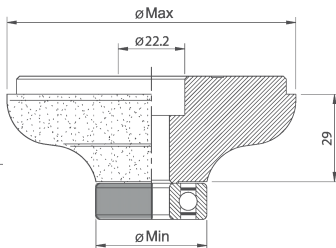
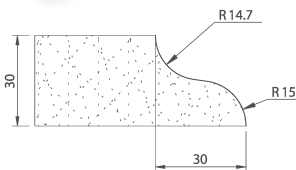
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	77	37	0	0150F200N009	0150F200S009	280,00
Profiling	77	37	1	0113F201N009	0113F201S009	301,00
Honing	77	37	2	0123F202N009	0123F202S009	195,00
Finishing	77	37	3	0123F203N009		207,00

POLISHING WHEELS

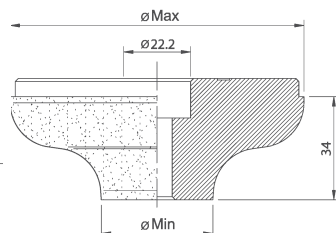
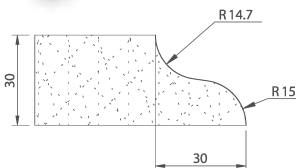
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	100	60	4	0106F20B2009		213,00
Polishing	100	60	5	0106F20C2009		213,00
Final buff	100	60	6	0106F20A2009		213,00

F30 r14,7+15

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

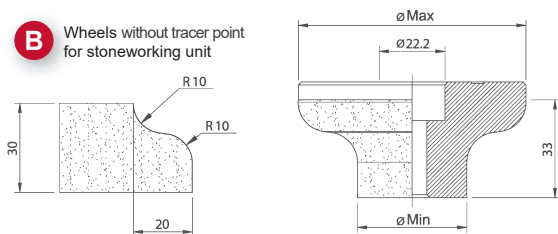
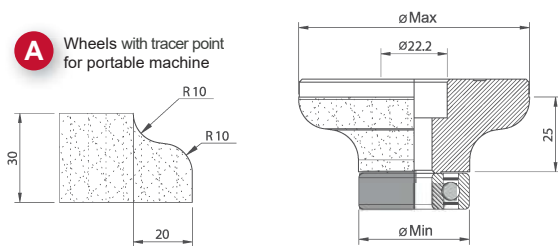
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	96	37	0	0150F300N009	0150F300S009	344,00
Profiling	96	37	1	0113F301N009	0113F301S009	463,00
Honing	96	37	2	0123F302N009	0123F302S009	240,00
Finishing	96	37	3	0123F303N009		310,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	120	60	4	0106F30B2009		244,00
Polishing	120	60	5	0106F30C2009		244,00
Final buff	120	60	6	0106F30A2009		244,00

SHAPED WHEELS WITH 22,2 mm CONNECTION

FS30 r10+10



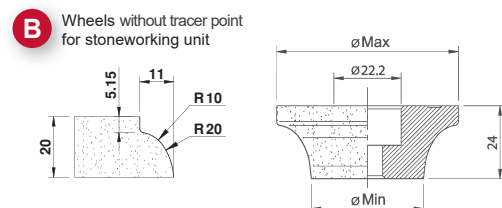
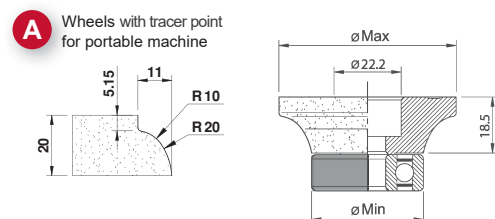
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	77	37	0	0150F300N0S9	0150F300S0S9	315,00
Profiling	77	37	1	0133F301N0S9	0133F301S0S9	321,00
Honing	77	37	2	0143F302N0S9	0143F302S0S9	224,00
Finishing	77	37	3	0143F303N0S9		236,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	100	60	4	0106F30B20S9		248,00
Polishing	100	60	5	0106F30C20S9		248,00
Final buff	100	60	6	0106F30A20S9		248,00

H20 r10+20



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	59	37	0	0150H200N009	0150H200S009	260,00
Profiling	59	37	1	0113H201N009	0113H201S009	218,00
Honing	59	37	2	0123H202N009	0123H202S009	174,00
Finishing	59	37	3	0123H203N009		203,00

POLISHING WHEELS

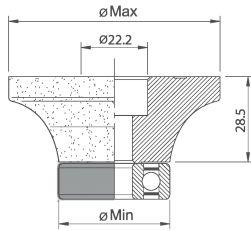
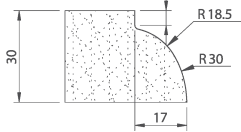
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	83	60	4	0106H20B2009		219,00
Polishing	83	60	5	0106H20C2009		219,00
Final buff	83	60	6	0106H20A2009		219,00

ghinesgroup

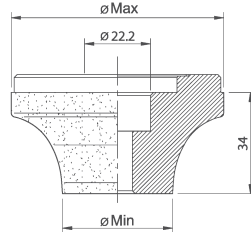
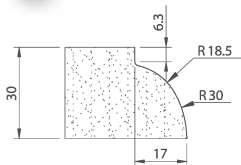
SHAPED WHEELS WITH 22,2 mm CONNECTION

H30 r18,5+30

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

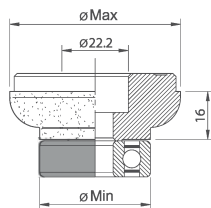
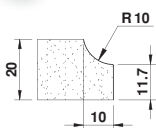
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	70	37	0	0150H300N009	0150H300S009	324,00
Profiling	70	37	1	0113H301N009	0113H301S009	314,00
Honing	70	37	2	0123H302N009	0123H302S009	228,00
Finishing	70	37	3	0123H303N009		273,00

POLISHING WHEELS

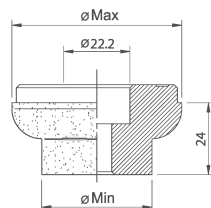
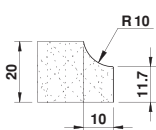
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	101	60	4	0106H30B2009		251,00
Polishing	101	60	5	0106H30C2009		251,00
Final buff	101	60	6	0106H30A2009		251,00

L20 r10+p10

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	57	37	0	0150L200N009	0150L200S009	255,00
Profiling	57	37	1	0113L201N009	0113L201S009	205,00
Honing	57	37	2	0123L202N009	0123L202S009	178,00
Finishing	57	37	3	0123L203N009		190,00

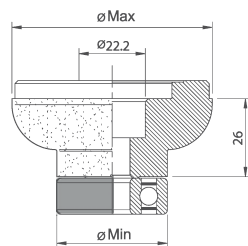
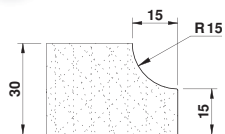
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	80	60	4	0106L20B2009		211,00
Polishing	80	60	5	0106L20C2009		211,00
Final buff	80	60	6	0106L20A2009		211,00

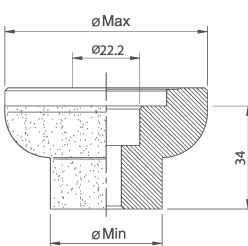
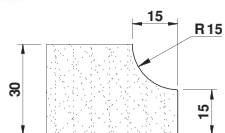
SHAPED WHEELS WITH 22,2 mm CONNECTION

L30 r15

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

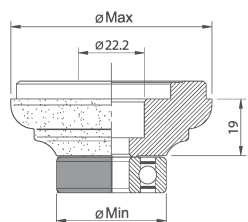
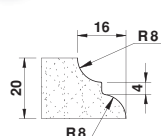
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	67	37	0	0150L300N009	0150L300S009	276,00
Profiling	67	37	1	0113L301N009	0113L301S009	255,00
Honing	67	37	2	0123L302N009	0123L302S009	215,00
Finishing	67	37	3	0123L303N009		257,00

POLISHING WHEELS

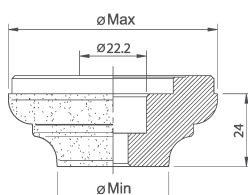
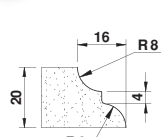
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	80	60	4	0106L30B2009		227,00
Polishing	80	60	5	0106L30C2009		227,00
Final buff	80	60	6	0106L30A2009		227,00

O20 r8+p4+r8

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	68	37	0	0150O200N009	0150O200S009	265,00
Profiling	68	37	1	0113O201N009	0113O201S009	255,00
Honing	68	37	2	0123O202N009	0123O202S009	195,00
Finishing	68	37	3	0123O203N009		195,00

POLISHING WHEELS

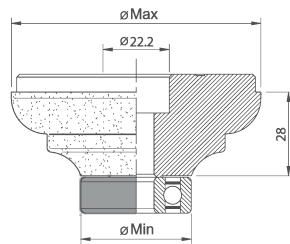
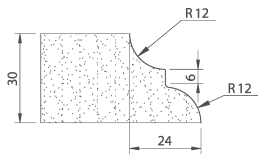
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	92	60	4	0106O20B2009		230,00
Polishing	92	60	5	0106O20C2009		230,00
Final buff	92	60	6	0106O20A2009		230,00

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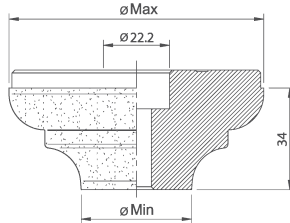
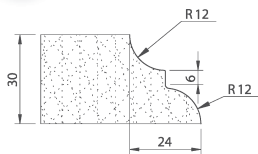
SHAPED WHEELS WITH 22,2 mm CONNECTION

O30 r12+p6+r12

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

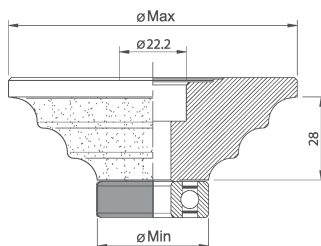
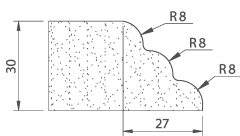
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	83	37	0	0150O300N009	0150O300S009	324,00
Profiling	83	37	1	0113O301N009	0113O301S009	407,00
Honing	83	37	2	0123O302N009	0123O302S009	261,00
Finishing	83	37	3	0123O303N009		294,00

POLISHING WHEELS

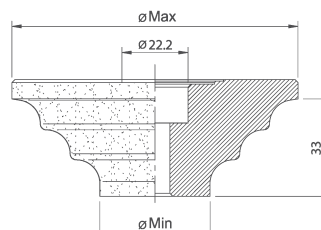
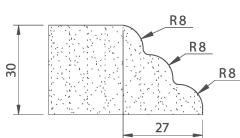
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	108	60	4	0106O30B2009		290,00
Polishing	108	60	5	0106O30C2009		290,00
Final buff	108	60	6	0106O30A2009		290,00

OS30 r8+8+8

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

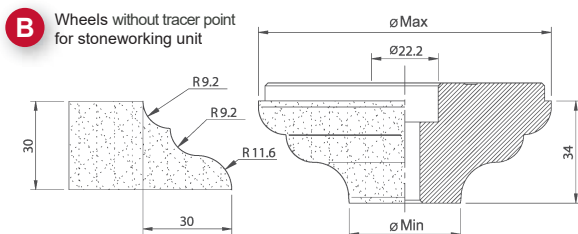
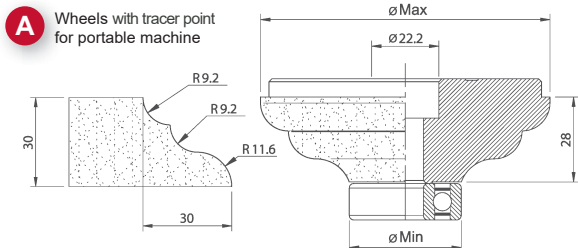
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	96	37	0	0150O300N0S9	0150O300S0S9	348,00
Profiling	96	37	1	0113O301N0S9	0113O301S0S9	414,00
Honing	96	37	2	0123O302N0S9	0123O302S0S9	302,00
Finishing	96	37	3	0123O303N0S9		290,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	120	60	4	0106O30B20S9		285,00
Polishing	120	60	5	0106O30C20S9		285,00
Final buff	120	60	6	0106O30A20S9		285,00

SHAPED WHEELS WITH 22,2 mm CONNECTION

Q30 r9,2+9,2+11,6



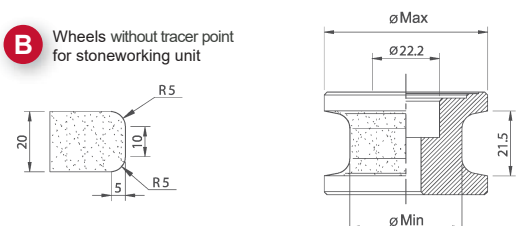
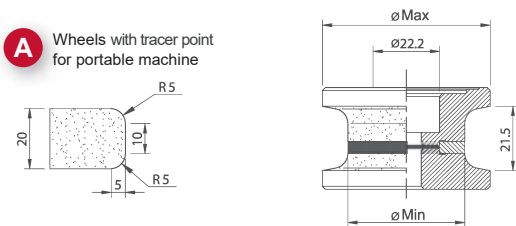
DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	96	37	0	0150Q300N009	0150Q300S009	321,00
Profiling	96	37	1	0113Q301N009	0113Q301S009	450,00
Honing	96	37	2	0123Q302N009	0123Q302S009	290,00
Finishing	96	37	3	0123Q303N009		315,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	120	60	4	0106Q30B2009		294,00
Polishing	120	60	5	0106Q30C2009		294,00
Final buff	120	60	6	0106Q30A2009		294,00

T20 r5



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	56	39	0	0150T200N009	0150T200S009	284,00
Profiling	56	39	1	0113T201N009	0113T201S009	224,00
Honing	56	39	2	0123T202N009	0123T202S009	178,00
Finishing	56	39	3	0123T203N009		195,00

POLISHING WHEELS

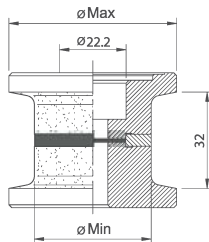
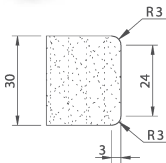
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	79	60	4	0106T20B2009		186,00
Polishing	79	60	5	0106T20C2009		186,00
Final buff	79	60	6	0106T20A2009		186,00

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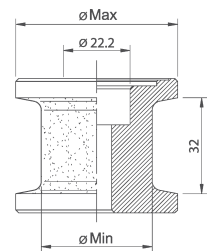
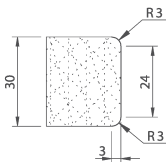
SHAPED WHEELS WITH 22,2 mm CONNECTION

T30 r3

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

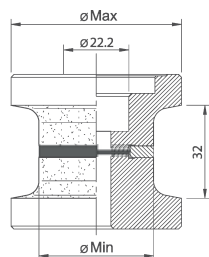
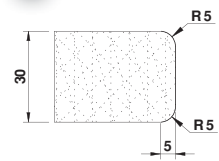
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	56	39	0	0150T300N019	0150T300S019	354,00
Profiling	56	39	1	0133T301N019	0133T301S019	280,00
Honing	56	39	2	0143T302N019	0143T302S019	228,00
Finishing	56	39	3	0143T303N019		269,00

POLISHING WHEELS

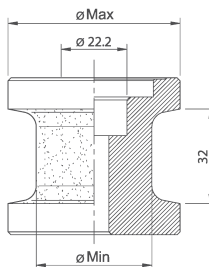
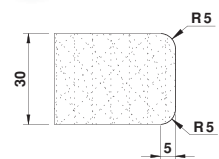
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	77	60	4	0106T30B2019		213,00
Polishing	77	60	5	0106T30C2019		213,00
Final buff	77	60	6	0106T30A2019		213,00

T30 r5

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	58	39	0	0150T300N029	0150T300S029	427,00
Profiling	58	39	1	0133T301N029	0133T301S029	288,00
Honing	58	39	2	0143T302N029	0143T302S029	261,00
Finishing	58	39	3	0143T303N029		302,00

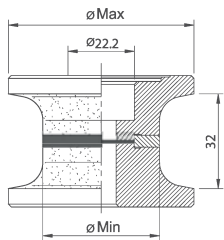
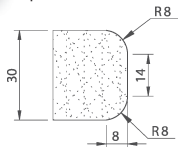
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	79	60	4	0106T30B2029		213,00
Polishing	79	60	5	0106T30C2029		213,00
Final buff	79	60	6	0106T30A2029		213,00

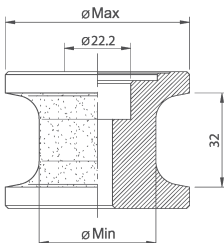
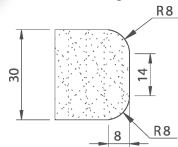
SHAPED WHEELS WITH 22,2 mm CONNECTION

T30 r8

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

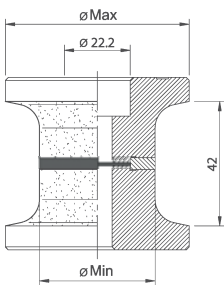
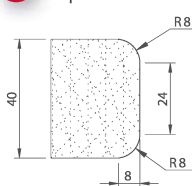
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	62	39	0	0150T300N009	0150T300S009	351,00
Profiling	62	39	1	0113T301N009	0113T301S009	300,00
Honing	62	39	2	0123T302N009	0123T302S009	265,00
Finishing	62	39	3	0123T303N009		265,00

POLISHING WHEELS

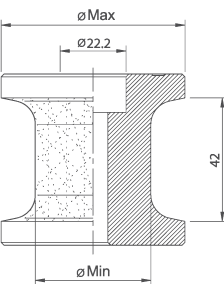
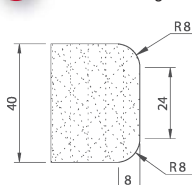
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	85	60	4	0106T30B2009		213,00
Polishing	85	60	5	0106T30C2009		213,00
Final buff	85	60	6	0106T30A2009		213,00

T40 r8

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	62	39	0	0150T400N019	0150T400S019	387,00
Profiling	62	39	1	0133T401N019	0133T401S019	334,00
Honing	62	39	2	0143T402N019	0143T402S019	273,00
Finishing	62	39	3	0143T403N019		331,00

POLISHING WHEELS

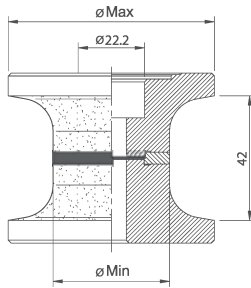
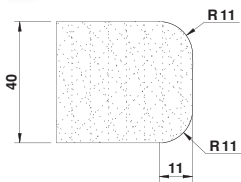
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	83	60	4	0106T40B2019		251,00
Polishing	83	60	5	0106T40C2019		251,00
Final buff	83	60	6	0106T40A2019		251,00

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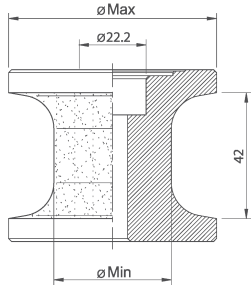
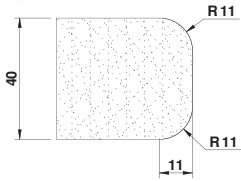
SHAPED WHEELS WITH 22,2 mm CONNECTION

T40 r11

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

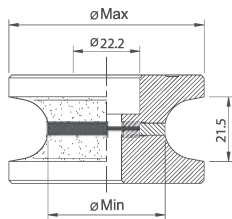
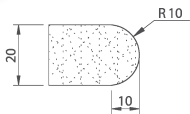
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	69	39	0	0150T400N009	0150T400S009	437,00
Profiling	69	39	1	0113T401N009	0113T401S009	337,00
Honing	69	39	2	0123T402N009	0123T402S009	306,00
Finishing	69	39	3	0123T403N009		306,00

POLISHING WHEELS

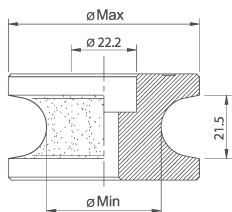
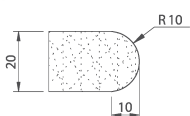
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	90	60	4	0106T40B2009		251,00
Polishing	90	60	5	0106T40C2009		251,00
Final buff	90	60	6	0106T40A2009		251,00

V20 r10

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	65	39	0	0150V200N009	0150V200S009	370,00
Profiling	65	39	1	0113V201N009	0113V201S009	320,00
Honing	65	39	2	0123V202N009	0123V202S009	190,00
Finishing	65	39	3	0123V203N009		211,00

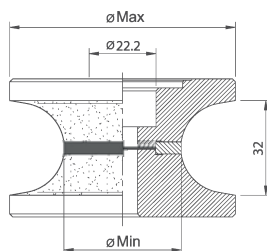
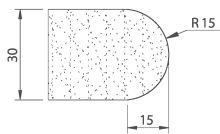
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	88	60	4	0106V20B2009		198,00
Polishing	88	60	5	0106V20C2009		198,00
Final buff	88	60	6	0106V20A2009		198,00

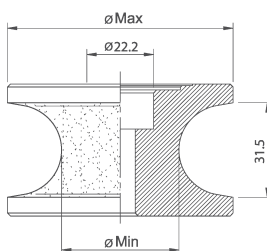
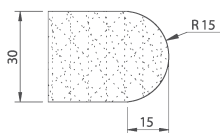
SHAPED WHEELS WITH 22,2 mm CONNECTION

V30 r15

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

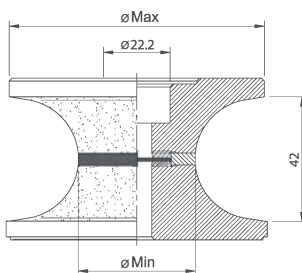
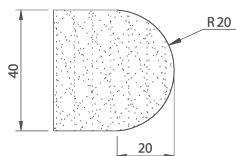
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	75	39	0	0150V300N009	0150V300S009	460,00
Profiling	75	39	1	0113V301N009	0113V301S009	427,00
Honing	75	39	2	0123V302N009	0123V302S009	265,00
Finishing	75	39	3	0123V303N009		298,00

POLISHING WHEELS

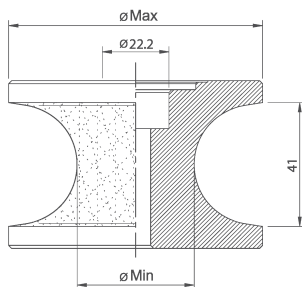
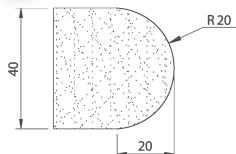
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	98	60	4	0106V30B2009		240,00
Polishing	98	60	5	0106V30C2009		240,00
Final buff	98	60	6	0106V30A2009		240,00

V40 r20

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	85	39	0	0150V400N009	0150V400S009	470,00
Profiling	85	39	1	0113V401N009	0113V401S009	589,00
Honing	85	39	2	0123V402N009	0123V402S009	306,00
Finishing	85	39	3	0123V403N009		356,00

POLISHING WHEELS

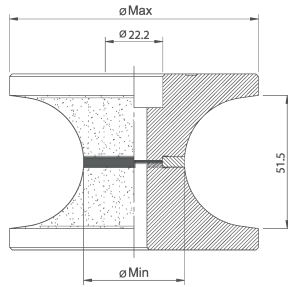
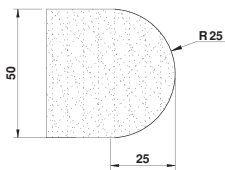
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	108	60	4	0106V40B2009		244,00
Polishing	108	60	5	0106V40C2009		244,00
Final buff	108	60	6	0106V40A2009		244,00

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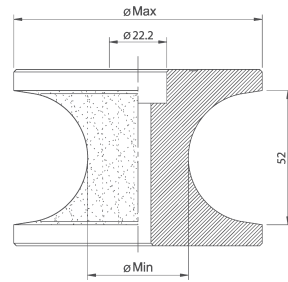
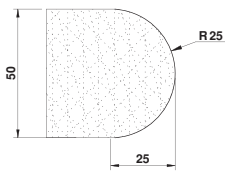
SHAPED WHEELS WITH 22,2 mm CONNECTION

V50 r25

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

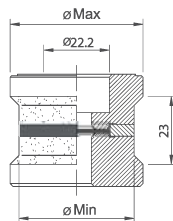
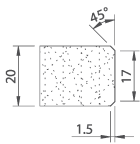
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	96	39	0	0150V500N009	0150V500S009	615,00
Profiling	96	39	1	0113V501N009	0113V501S009	754,00
Honing	96	39	2	0123V502N009	0123V502S009	455,00
Finishing	96	39	3	0123V503N009		509,00

POLISHING WHEELS

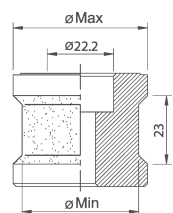
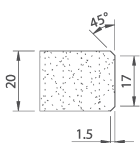
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	116	60	4	0106V50B2009		353,00
Polishing	116	60	5	0106V50C2009		353,00
Final buff	116	60	6	0106V50A2009		353,00

X20 45° p17

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	45	39	0	0150X200N009	0150X200S009	284,00
Profiling	45	39	1	0113X201N009	0113X201S009	185,00
Honing	45	39	2	0123X202N009	0123X202S009	182,00
Finishing	45	39	3	0123X203N009		190,00

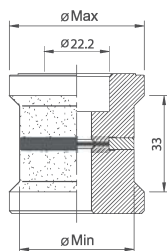
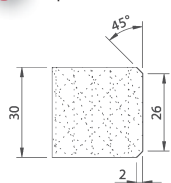
POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	66	60	4	0106X20B2009		190,00
Polishing	66	60	5	0106X20C2009		190,00
Final buff	66	60	6	0106X20A2009		190,00

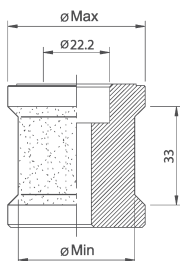
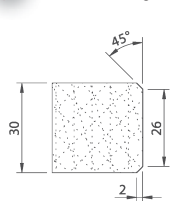
SHAPED WHEELS WITH 22,2 mm CONNECTION

X30 45° p26

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

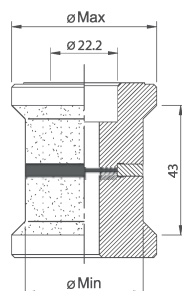
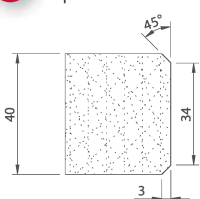
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	46	39	0	0150X300N009	0150X300S009	296,00
Profiling	46	39	1	0113X301N009	0113X301S009	232,00
Honing	46	39	2	0123X302N009	0123X302S009	215,00
Finishing	46	39	3	0123X303N009		261,00

POLISHING WHEELS

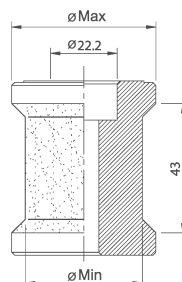
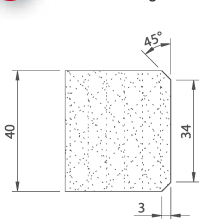
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	67	60	4	0106X30B2009		204,00
Polishing	67	60	5	0106X30C2009		204,00
Final buff	67	60	6	0106X30A2009		204,00

X40 45° p34

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	48	39	0	0150X400N009	0150X400S009	348,00
Profiling	48	39	1	0113X401N009	0113X401S009	275,00
Honing	48	39	2	0123X402N009	0123X402S009	265,00
Finishing	48	39	3	0123X403N009		323,00

POLISHING WHEELS

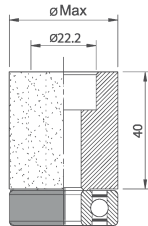
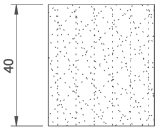
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	69	60	4	0106X40B2009		216,00
Polishing	69	60	5	0106X40C2009		216,00
Final buff	69	60	6	0106X40A2009		216,00

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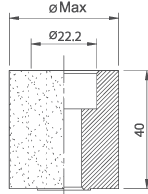
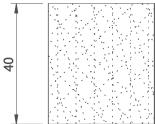
SHAPED WHEELS WITH 22,2 mm CONNECTION

Z40

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

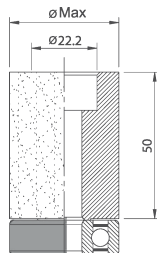
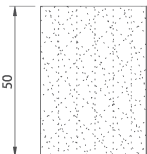
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	37	37	0	0150Z400N009	0150Z400S009	275,00
Profiling	37	37	1	0113Z401N009	0113Z401S009	222,00
Honing	37	37	2	0123Z402N009	0123Z402S009	265,00
Finishing	37	37	3	0123Z403N009		306,00

POLISHING WHEELS

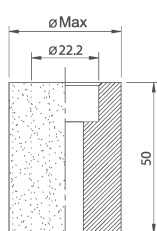
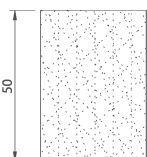
FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	50	50	4	0106Z40B2009		219,00
Polishing	50	50	5	0106Z40C2009		219,00
Final buff	50	50	6	0106Z40A2009		219,00

Z50

A Wheels with tracer point for portable machine



B Wheels without tracer point for stoneworking unit



DIAMOND WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit	A Portable machine	€
Stock removal	37	37	0	0150Z500N009	0150Z500S009	305,00
Profiling	37	37	1	0113Z501N009	0113Z501S009	261,00
Honing	37	37	2	0123Z502N009	0123Z502S009	344,00
Finishing	37	37	3	0123Z503N009		431,00

POLISHING WHEELS

FUNCTION	Ø max mm	Ø min mm	POS	B Stone working unit		€
Pre-polishing	60	60	4	0106Z50B2009		229,00
Polishing	60	60	5	0106Z50C2009		229,00
Final buff	60	60	6	0106Z50A2009		229,00

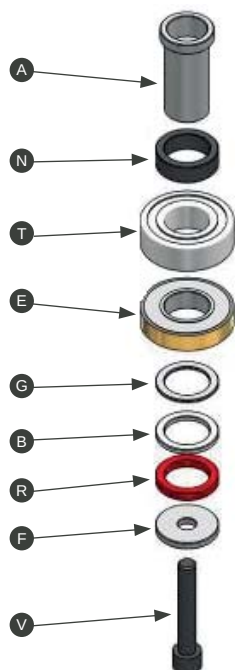
NOLINE

TOOL TO REMOVE THE TRACER POINT LINE - NOLINE



DESCRIPTION	ITEM CODE	€
Available for (profile, thickness):		
A (20, 30, 40)	01050608U009	95,00
B (20)	01050609U009	95,00
B (30 r25)	01050610U009	95,00
F (20)	01050611U009	95,00
F (30)	01050612U009	95,00
FS 30	01050608U009	95,00
L (20, 30)	01050608U009	95,00
T (20 r3)	01050624U009	95,00
T (30,40)	01050608U009	95,00
V (20)	01050613U009	95,00
V (30)	01050606U009	95,00
V (40)	01050614U009	95,00
X (20, 30,40)	01050608U009	95,00
Z 40	01050608U009	95,00

NOLINE MIX FOR PROFILES A, FS, L, QS, T, X, Z



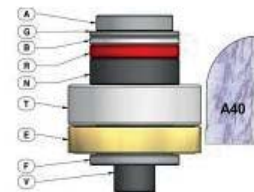
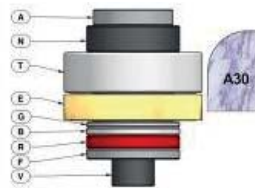
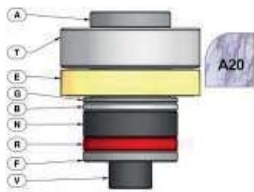
LEGEND	DESCRIPTION
A	Adapter 20-40
N	Black spacer
T	Tracer point
E	Tool NOLINE
G	Grey spacer
B	White spacer
R	Red spacer
F	Fixing flange
V	Locking screw

Note: the image illustrates only the items composing the NOLINE kit for profiles having a 90° side in respect to the surface. The assembly diagrams are illustrated in the following chart.

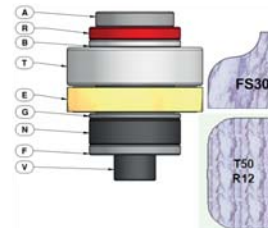
TOOL ASSEMBLY DIAGRAMS TO REMOVE THE TRACER POINT LINE - NOLINE FOR PROFILES A, FS, L, QS, T, X, Z

TYPE	HEIGHT		
	20 mm	30 mm	40 mm

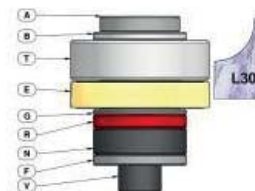
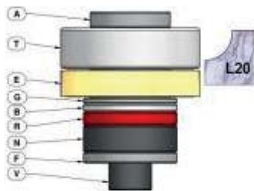
A



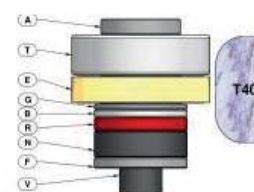
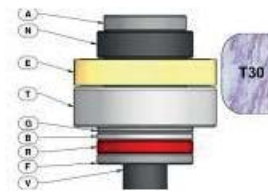
FS



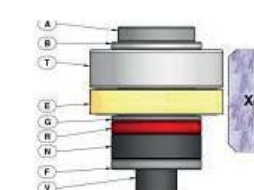
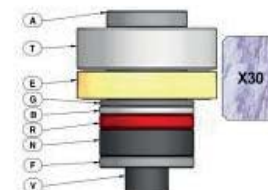
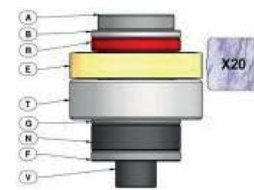
L



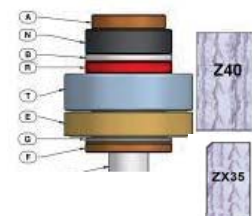
T



X

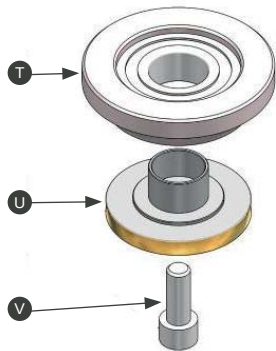


Z



NOLINE

TOOL TO REMOVE THE TRACER POINT LINE - NOLINE FOR PROFILES B, F, V



LEGEND	DESCRIPTION
T	Tracer point
U	Tool NOLINE
V	Locking screw

ATTENTION!!!
The components listed in the exploded view are specific and change accordingly to the profile type

TOOL ASSEMBLY DIAGRAMS NOLINE FOR PROFILES B, F, QS, V

TYPE	HEIGHT		
	20 mm	30 mm	40 mm

B			
F			
V			

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TRACER POINT AND ACCESSORIES FOR MACHINES WITH 22,2MM CONNECTION

Tracer point



(quantity to gauge according to the wheel minimum diameter)

DESCRIPTION	ITEM CODE	€
for manual machines (not portable)	010400030009	22,00

Tracer points for closed shapes



DESCRIPTION	ITEM CODE	€
universal for GTOOLS	010400120009	102,00
for continuous rim sintered wheels Pos.1	010400010009	102,00
for continuous rim sintered wheels Pos.2	010400020009	102,00

Tracer points for open shapes



(bolt not included)

DESCRIPTION	ITEM CODE	€
universal for GTOOLS	140100030008	4,00
for continuous rim sintered wheels Pos.1	140100030008	4,00
for continuous rim sintered wheels Pos.2	140100120003	7,00

Abrasive hand-pad



DESCRIPTION	ITEM CODE	€
Abrasive hand-pad To manually remove the tracer point line	010403000009	25,00

FINGER BITS

WORKING PARAMETERS

MATERIALS	FORWARD SPEED mm/min	DIAMETER (mm)	ROTATION SPEED rpm
DEKTON	150	20 (5 segments)	4000-5000
CERAMIC	250	20 (5 segments)	6000-8000
GRANITE/SYNTHETIC	250	22 (7 segments)	7500-8000
GRANITE	200-500 200-500	24 (5 segments) 25 (6 segments)	5500 5700
MARBLE	500-2000	16-20	5000-6000

Segment finger bits

Internal lubrication



MATERIALS	CONNECTION	DIAMETER mm	HEIGHT mm	ITEM CODE	€
DEKTON	1/2" gas M	20 (5 segments)	25	01050387D009	130,00
CERAMIC	1/2" gas M	20 (5 segments)	25	01050386D009	130,00
GRANITE/ SYNTHETIC	1/2" gas M	22 (7 segments)	35	01050385U009	130,00
	1/2" gas M	22 (7 segments)	45	01050388U009	130,00
GRANITE	1/2" gas M	24 (5 segments)	35	01050318G009	92,00
		25 (6 segments)	35	01050319G009	97,00
		24 (5 segments)	50	01050315G009	99,00
		25 (6 segments)	50	01050313G009	107,00

Electroplated finger bits



Internal lubrication

MATERIALS	CONNECTION	DIAMETER mm	HEIGHT mm	ITEM CODE	€
MARBLE	1/2" gas M	16	35	01050316M009	75,00
		16	40	01050302M009	82,00
		16	45	01050317M009	86,00
		16	50	01050356M009	90,00
		16	60	01050307M009	102,00
		20	70	01050304M009	140,00

Helical finger bits



Internal lubrication

MATERIALS	CONNECTION	DIAMETER mm	HEIGHT mm	ITEM CODE	€
MARBLE	1/2" gas M	18	55	01050359M009	115,00

RIMS AND SUPPORT

Rims for passage cutting



Internal lubrication

MATERIALS	CONNECTION	DIAMETER mm	HEIGHT mm	ITEM CODE	€
GRANITE	M12	20	20	01050104G009	75,00
MARBLE	M12	20	15	01050106M009	78,00

Working parameters on manual machines, on all materials	8000-12000 rpm
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SUPPORT FOR RIMS



CONNECTION	HEIGHT mm	ITEM CODE	€
22,2 mm M12 F	25	010402280009	61,00



CONNECTION	HEIGHT mm	ITEM CODE	€
½ " gas M – M12 F	48	010402370009	75,00



CONNECTION	HEIGHT mm	ITEM CODE	€
½ " gas M – M12 F	68	010402200009	61,00



CONNECTION	HEIGHT mm	ITEM CODE	€
½ " gas M – M12 F	20	010402640009	61,00

ADAPTER



CONNECTION	ITEM CODE	€
½ " gas F 22,2 mm F	010402150009	61,00

DRILL BITS

WORKING PARAMETERS

MATERIALS	FORWARD SPEED mm/min	ROTATION SPEED rpm
SYNTHETIC	30-50	2200-2500
MARBLE	30-35	2200-2500
GRANITE	80-100	2800-3000
working parameters on manual machines, on all materials		1500-2000

DRILL BITS



Internal lubrication - Connection 1/2" gas M

MATERIALS	HEIGHT mm		DIAMETER mm	ITEM CODE	€
	total	useful			
MARBLE GRANITE SYNTHETIC	110	55	25	01050406G309	60,00
			28	01050424G309	62,00
			30	01050413G009	65,00
			35	01050412G009	72,00
			40	01050414G009	75,00
			45	01050415G009	77,00
			50	01050416G009	79,00
DEKTON	80	43	35	01050412D339	116,00
SYSMATIC	80	43	35	01050412U339	95,00

Continuous rim 1mm - Marble and Granit
different dimensions upon request





External lubrication

MATERIALS	CONNECTIONS	DIAMETER mm	ITEM CODE	€
MARBLE	1/2" gas F	30	01050407M009	67,00
		35	01050408M009	71,00
		40	01050409M009	81,00
GRANITE	1/2" gas F	30	01050407G009	79,00
		35	01050408G009	82,00
		40	01050409G009	95,00

ADAPTERS



CONNECTION	ITEM CODE	€
1/2" gas M 22,2 mm F	010402110009	61,00

ADAPTERS



CONNECTION	ITEM CODE	€
1/2" gas F 22,2 mm F	010402150009	61,00

WHEELS FOR SOLID SINK PROCESSING

WHEELS FOR SOLID SINK PROCESSING r. 15 mm



Internal lubrication

POS.	CONNECTION	RADIUS mm	ITEM CODE	€
pos. 1	M14	15	01050332U009	304,00
pos. 2	M14	15	01050332U109	250,00
pos. 3	M14	15	01050332U209	250,00

WHEELS FOR SOLID SINK PROCESSING r. 25 mm



Internal lubrication

POS.	CONNECTION	RADIUS mm	ITEM CODE	€
pos. 1	M14	25	01050331U009	363,00
pos. 2	M14	25	01050331U109	315,00
pos. 3	M14	25	01050331U209	315,00
pos. 4	M14	25		310,00
pos. 5	M14	25		310,00
pos. 6	M14	25		310,00

ADAPTER FOR SOLID SINK PROCESSING WHEELS



CONNECTION	HEIGHT	ITEM CODE	€
1/2" gas M - M14 F	38 mm	010402440009	60,00

different dimensions and connections upon request

TOOLING FOR GROOVES

WORKING PARAMETERS FOR CNC MACHINES

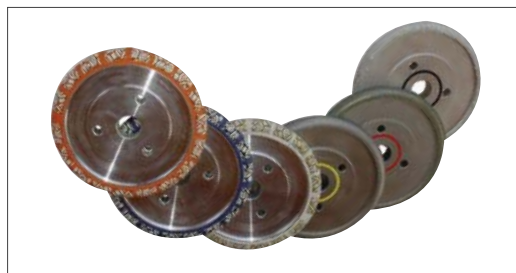
DISCS FOR GROOVES

POSITION	DIAMETER mm	FORWARD SPEED mm/min	INCREMENT mm	ROTATION SPEED rpm
pos. 1	150	1000-1200	0,2-0,4	4000
pos. 2	150	1000-1500	0,1-0,3	4000
pos. 3	150	1000-1500	0,1-0,3	4000
pos. 4	150	1000	0,1-0,3	1500-2000
pos. 5	150	1000	0,1-0,3	1500-2000
pos. 6	150	1000	0,1-0,3	1500-2000

MILLS FOR GROOVES

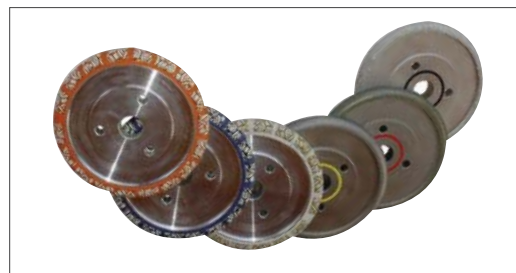
POSITION	FORWARD SPEED mm/min	INCREMENT mm	ROTATION SPEED rpm
pos. 1	200-300	0,2-0,4	5000-6000
pos. 2	200-300	0,1-0,3	5000-6000
pos. 3	200-300	0,05-0,1	5000-6000

DISCS FOR GROOVES FOR CNC MACHINES - r. 5 mm



CONNECTION (Ø foro)	RADIUS mm	DIAMETER mm	THICKNESS mm	POS.	ITEM CODE	€
22,2 mm	5	150	10	pos. 1	0103U150D119	341,00
				pos. 2	0103U150D219	303,00
				pos. 3	0103U150D319	327,00
				pos. 4	0193DI150B19	167,00
				pos. 5	0193DI150C19	167,00
				pos. 6	0193DI150A19	167,00

DISCS FOR GROOVES FOR CNC MACHINES - r. 8 mm



Compatible with the Mills for grooves 1/2 " GAS connection

CONNECTION (Ø foro)	RADIUS mm	DIAMETER mm	THICKNESS mm	POS.	ITEM CODE	€
22 mm	8	150	16	pos. 1	0103U150D109	336,00
				pos. 2	0103U150D209	295,00
				pos. 3	0103U150D309	318,00
				pos. 4	0193DI150BS9	163,00
				pos. 5	0193DI150CS9	163,00
				pos. 6	0193DI150AS9	163,00

MILLS FOR GROOVES INTERNAL LUBRIFICATION - r. 8 mm



Compatible with the Discs for grooves

GRANITE	CONNECTION (Ø foro)	RADIUS mm	POS.	ITEM CODE	€
	1/2" gas M	8	pos. 0	01050316U009	125,00
			pos. 1	01150316U109	125,00
			pos. 2	01150316U209	90,00
			pos. 3	01150316U309	90,00
			pos. 4	01760316B009	140,00
			pos. 5	01760316C009	140,00
			pos. 6	01760316A009	140,00

WORKING PARAMETERS ON MANUAL MACHINES

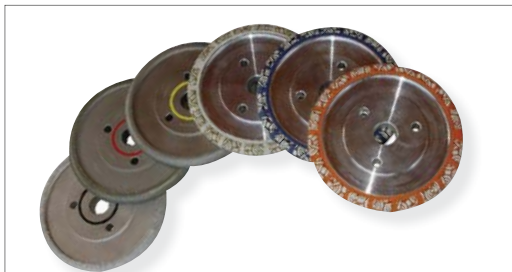
TOOLING FOR GROOVES

POSITION	ROTATION SPEED rpm	
	SYNTHETIC	MARBLE E GRANITE
pos. 1	5000	5000
pos. 2	1500	2500-3500
pos. 3	1500	2500-3500
pos. 4	1500	1500
pos. 5	1500	1500
pos. 6	1500	1500

MILLS FOR GROOVES

POSITION	ROTATION SPEED rpm	
	SYNTHETIC	MARBLE E GRANITE
pos. 1	5000	1000
pos. 2	1500	5000
pos. 3	1500	1500

DISCS FOR GROOVES FOR MANUAL MACHINES r. 8 mm



CONNECTION (Ø bore)	RADIUS mm	DIAMETER mm	THICKNESS mm	POS.	ITEM CODE	€
22,2 mm	8	150	16	pos. 1	0103U150D1S9	336,00
				pos. 2	0103U150D2S9	295,00
				pos. 3	0103U150D3S9	318,00
				pos. 4	0193DI150B09	163,00
				pos. 5	0193DI150C09	163,00
				pos. 6	0193DI150A09	163,00

UNIVERSAL MILLS FOR GROOVES

Upon request



CONNECTION (Ø bore)	RADIUS mm	POS.	ITEM CODE
22,2 mm F	6,5	pos. 1	01150307U109
		pos. 2	01150307U209
		pos. 3	01150307U309

FLAT LINE

WORKING PARAMETERS

	POSITION	ROTATION SPEED rpm	FORWARD SPEED ON FLAT SURFACE mm/min	PRESSURE	INCREMENT mm
SINTEX	pos. 0	4500	600	-	0,5
	pos. 1	4500	1000	-	0,3
	pos. 2	4500	1000	-	0,2
	GR 500	800	3000	18%	-
RUBBER	GR 1000	800	3000	18%	-
	GR 2000	800	3000	18%	-
	BUFFER*	800	3000	18%	-
	pos. 3	1000	1500	-	-
	pos. 4	1000	1500	-	-
	pos. 5	1000	1500	-	-
	pos. 6	1000	1500	-	-

*Use the buffer only for black granite

TOOLING FOR RECESS DRAINS FOR CNC MACHINES - SINTEX



CONNECTION (Ø bore)	EDGE INCLINATION	DIAMETER mm	POS.	ITEM CODE	€
35 mm	90°	80	pos. 0	0107CIS08019	205,00
35 mm	60°	120	pos. 1	01050511U009	245,00
35 mm	60°	120	pos. 2	01050512U009	285,00
1/2" gas	60°	110	GR 500	01050746U009	195,00
1/2" gas	60°	110	GR 1000	01050747U009	195,00
1/2" gas	60°	110	GR 2000	01050748U009	195,00
1/2" gas	90°	100	BUFFER	01050731U009	185,00

TOOLING FOR RECESS DRAINS FOR CNC MACHINES - RUBBER



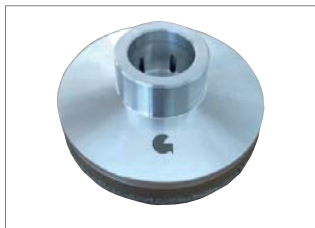
CONNECTION (Ø bore)	EDGE INCLINATION	DIAMETER mm	POS.	ITEM CODE	€
35 mm	90°	80	pos. 0	0107CIS08019	205,00
35 mm	60°	120	pos. 1	01050511U009	245,00
35 mm	60°	120	pos. 2	01050512U009	285,00
1/2" gas	60°	110	pos. 3	0193002G2009	61,00
1/2" gas	60°	110	pos. 4	0193002B2009	120,00
1/2" gas	60°	110	pos. 5	0193002C2009	120,00
1/2" gas	90°	100	pos. 6	0193002A2009	120,00

SUPPORT

other supports upon request



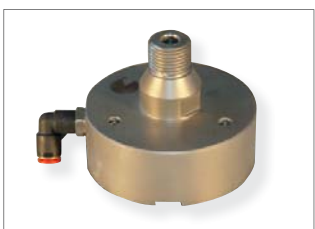
DESCRIPTION Sintex e Rubber	Ø bore	DIAMETER mm	ITEM CODE	€
Passing hole for internal lubrication pos. 0	35 mm	80	010402230009	61,00
Passing hole for internal lubrication pos. 1 e pos. 2	35 mm	120	010402100009	61,00



DESCRIPTION Rubber	Ø bore	DIAMETER mm	ITEM CODE	€
Passing hole for internal lubrication with velcro pos. 3 - 6	35 mm	120	010403040009	61,00



DESCRIPTION Sintex	Ø bore	DIAMETER mm	ITEM CODE	€
Flatline CNC support polishing pad pos: 3 - 5	1/2" gas M	110	010402360009	150,00

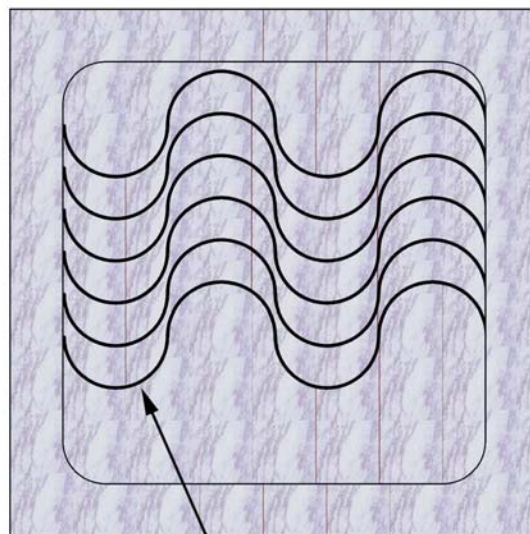
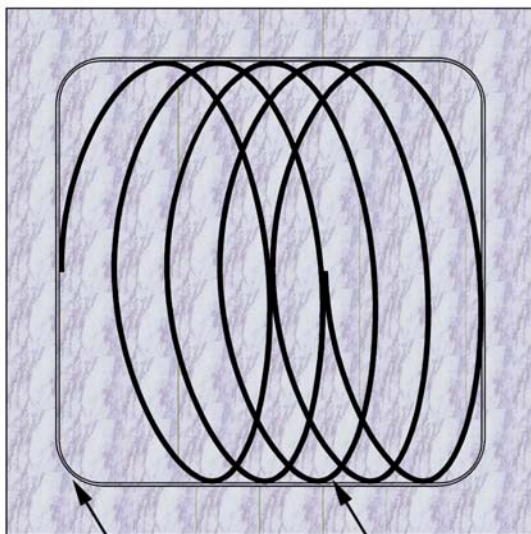


DESCRIPTION Sintex	Ø bore	DIAMETER mm	ITEM CODE	€
Flatline CNC support Buffer pos. 6	1/2" gas M	100	010402590009	150,00

FLAT LINE

TOOLING FOR RECESS DRAINS FOR MANUAL MACHINES

POSITION		ROTATION SPEED rpm			
		Synthetic materials	Marble	Granite	Hard granites, gres and ceramics
pos. 0 (Stock-removal)	Progression x series passage numbers in progression	5000	10000	10000	10000
		Perimetric x 2 -> elliptic x 3 -> undulatory x 3 -> perimetric x 1 Ensure plenty of tool lubrication			
pos. 1 (Profiling)	Progression x series passage numbers in progression	5000	8000	5000	5000
		Perimetric x 2 -> elliptic x 3 -> undulatory x 3 -> perimetric x 1 Ensure plenty of tool lubrication			
pos. 2 (Honing)	Progression x series passage numbers in progression	5000	8000	5000	5000
		Perimetric x 2 -> elliptic x 3 -> undulatory x 3 -> perimetric x 1 Ensure plenty of tool lubrication			
pos. 3 (Finishing)	Progression x series passage numbers in progression	1500	3000	3000	3000
		Perimetric x 2 -> elliptic x 3 -> undulatory x 3 -> perimetric x 1 Ensure plenty of tool lubrication			
pos. 4 (Pre-polishing)	Progression x series passage numbers in progression	1500	3000	3000	3000
		Perimetric x 2 -> elliptic x 3 -> undulatory x 3 -> perimetric x 1 Ensure plenty of tool lubrication			
pos. 5 (Polishing)	Progression x series passage numbers in progression	1500	3000	3000	3000
		Perimetric x 2 -> elliptic x 3 -> undulatory x 3 -> perimetric x 1 Ensure plenty of tool lubrication			
pos. 6* (Final buff)	Progression x series passage numbers in progression	1500	3000	3000	3000
		Perimetric x 2 -> elliptic x 3 -> undulatory x 3 -> perimetric x 1 Ensure plenty of tool lubrication			



TOOLING FOR RECESS DRAINS FOR MANUAL MACHINES



CONNECTION (Ø bore)	EDGE INCLINATION	DIAMETER mm	POS.	ITEM CODE	€
22,2 mm	90°	70	pos. 0	01050500G109	250,00
22,2 mm	60°	85	pos. 1	01050514U009	220,00
22,2 mm	60°	85	pos. 2	01050515U009	230,00
22,2 mm	60°	85	pos. 3	01050714U009	116,00
22,2 mm	60°	85	pos. 4	01050715U009	116,00
22,2 mm	60°	85	pos. 5	01050716U009	116,00
22,2 mm	60°	85	pos. 6	01050717U009	116,00

SUPPORTS



DESCRIPTION	CONNECTION (Ø bore)	DIAMETER mm	ITEM CODE	€
Support for FLAT LINE from the BLACK to the ORANGE tool	22,2 mm	85	010402310009	61,00
Support for FLAT LINE from the BLACK to the ORANGE tool	35 mm	85	010402990009	61,00



DESCRIPTION	DIAMETER mm	ITEM CODE	€
Tracer point for FLAT LINE (tools from GREEN to ORANGE)	85	010400150009	25,00

DISC

CUTTING DISC



MATERIAL	CONNECTION (Ø bore)	THICKNESS	DIAMETER	ITEM CODE	€
MARBLE GRANIT SYNTHETIC	22,2 mm		180 mm	0108U180SD09	98,00
	22,2 mm		200 mm	0108U200SD09	98,00
DEKTON	22,2 mm	2,2 mm	200 mm	0108D200SD09	110,00
LAMINAM	22,2 mm	1,8 mm	200 mm	0108L200SD09	89,00

DISCS FOR SLOTS



granite

THICKNESS	DIAMETER	ITEM CODE	€
3 mm	75 mm	01150001U009	102,00
5 mm	75 mm	01150002U009	119,00
10 mm	75 mm	01150003U009	153,00

SUPPORTS FOR DISCS



other supports upon request

Support for disc to process slots

CONNECTION (Ø bore)	DIAMETER	ITEM CODE	€
22,2 mm	35 mm	010402130009	61,00

Dokoyoh
BY GHINES

FLEXIBLE UNIVERSAL GRINDING DIAMOND DISC

The greatest innovation for hand honing



DOKOYOH is available in three different diamond positions (other diameter on request)

Ø 125 mm	ITEM CODE 5/8"	ITEM CODE M14	€
GREEN: coarse grit	012902V10019	012902V10009	98,80
RED: medium grit	012902R10019	012902R10009	69,80
YELLOW: fine grit	012902G10019	012902G10009	63,80



Quick release tool holder

Description	Item code	€
	Main adapter RX 010402760009 LX 010402940009	€ 92,00
	Tool holder Ø35 mm 010402770009	€ 83,00
	Locking kit for tool holder Ø35 mm 010402910009	€ 12,00
	Tool holder Ø22,2 mm 010402780009	€ 85,00
	Tool holder 1/2 gas F RX 010402790009 LX 010402970009	€ 78,00
	Tool holder ER20 010402840009	€ 95,00
	Collet holder ER20	
	Collet Ø6 mm Collet Ø10 mm 010402850009 010402860009	€ 20,00 € 20,00
	Base to mount the tools 010402800009	€ 65,00

TOOL HOLDERS AND ADAPTERS

TOOL HOLDERS AND ADAPTERS



CONNECTION	ITEM CODE	€
½ " gas F 22,2 mm M	010402160009	61,00



CONNECTION	ITEM CODE	€
½ " gas M 22,2 mm M	010402060009	75,00

Passing hole for internal lubrication



CONNECTION	ITEM CODE	€
½ " gas M 35 mm M	010402140009	61,00

Shaft height: 30 mm



CONNECTION	ITEM CODE	€
½ " gas M ½ " gas M	010402170009	61,00



CONNECTION	ITEM CODE	€
M14 M 22,2 mm F	010402180009	61,00



CONNECTION	ITEM CODE	€
½ " gas M M14 M	010402530009	61,00



CONNECTION	ITEM CODE	€
M14 M M14 M	010402520009	61,00



CONNECTION	ITEM CODE	€
22,2 M M14 F	010402490009	61,00



CONNECTION	ITEM CODE	€
½ " gas M 5/8" M	010402510009	61,00

other supports upon request

GENERAL SALES CONDITIONS

The present price list is effective valid from 03/15/2020. Any modification and updates will be communicated in due course.

GENERAL SALES CONDITIONS

1) RESERVED PROPERTY

The sale of the products described above is meant and accepted under the condition of reserved domain according to the art. 1523 and foll. c.c. where the sold items transfer to the Buyer's property only after the full balance of the agreed price, being understood that eventual credits given as payment are meant "pro solvendo" and subject to collection advances.

The Buyer, till the full balance of the price, undertakes to make good use of the purchased goods, not to transfer the property or the use, at any title, to a third party, not to move them from the location where they have been delivered without written approval from the Seller, committing to pay any and all damages caused to the same as well. Besides, in case the purchased goods are subject to conservative and executive acts by third parties, the Buyer undertakes, upfront, to make known to the Bailiff that the goods belong to the Seller, to require the insertion of this circumstance into the record as well as inform the Seller within 24 hours from the event by registered mail.

In case, before receiving the full payment, the goods need any repair, the Buyer undertakes to have them done immediately, availing exclusively of the Seller or any other company authorized from the same, taking care of paying the relative compensation in cash. The guarantee conditions eventually in force remain valid. The failure to pay, on due date, of only one of the instalments of the agreed price, as well as the lack of consent of the foreseen obligations in the present article, entails the immediate end of the benefit given to the Buyer. The Seller has the right to terminate the contract. In this case, the Seller can claim the immediate payment of the balance, even if not due yet, or the immediate return of the purchased goods and the compensation of the suffered damages.

In case of contract termination and the return of the purchased goods, the amounts paid until then by the Buyer, will remain to the Seller in compensation of the use of the goods, of the deterioration and the lower commercial value of the same, income loss and emerging damage, among which the reimbursement for the goods picking up and the legal charges already paid or to pay, with the exception of the right to the reimbursement of an eventual higher damage.

2) ORDERS

The Buyer understands transmitted orders as firm commitment, whilst the Seller will only be committed upon written order confirmation based on the agreed conditions. They will only be effective upon the explanation and clarification by the parties of all the peculiarities about the orders, such as technical features, down payments, payment terms, eventual leasing, letter of credit, bank guarantee, etc.; in fault, after 60 days from the shipping date, the purchase will be suspended in all respects.

Orders amounting to less than Euro 100,00 (excluding VAT, packaging, transport cost and any other additional expense), will not be accepted by the Seller and the Seller will keep those orders on hold, until they are grouped with further orders, to reach the minimum amount of Euro 100,00; this is clearly to avoid non-cost-effective operations.

Requests for special and/or custom-made materials must be placed in writing and the orders cannot, under any circumstances, be cancelled by the Buyer. Such orders imply an advanced payment of 30%.

3) ORDER SUSPENSION EFFECT

The suspension, also momentary, of the order or the postponement for any reason of the delivery terms due to the Buyer, entail the updating of the price in case it changed in the meantime. The Seller retains any advance note already paid, upon trust. The Buyer will receive no interest or indemnity in this respect.

4) DELIVERY TERMS

Delivery dates are approximate and can vary with a tolerance of 15 days. These could be extended due to a cause beyond its reasonable controls, strike, raw material lack, powerlessness and/or any other event beyond the reasonable control of the Seller. In case of delivery delay, longer than the tolerance time established here above, due to the Seller, the Buyer can withdraw the contract with the right to receive his down payment back, increased of the legal interest, without the right of the eventual damages reimbursement or, as an alternative, he can keep the contract. In this second hypothesis, he has the same original price and the payment of a penalty equal to the 0,2% of the price for each day of delay in comparison with the days of tolerance above indicated. The eventual reimbursement of the suffered damages is excluded. Anyway the penalty will not exceed the 5% of the total value of the goods.

5) DELIVERY

Delivery of the sold goods is based upon prompt receipt of all necessary information from Buyer. Unless otherwise specified, delivery is made ex-works: eventual charges for packing, transport and/or shipment and insurance are at Buyer's charge.

6) COMPLAINTS

Any complaint regarding sold goods must reach the seller in written form within the peremptory term of 8 calendar days from the receipt of the goods if it concerns evident flaws or faults, or from the time of discovery if it concerns hidden ones, under penalty of expiration of the guarantee.

7) RETURN SHIPMENTS

Return shipments will only be accepted if previously authorized and dispatch will be effected with freight prepaid. The Buyer's transport document shall make reference to the Seller's shipping documents. No credit will be granted for goods shipped beyond one year. Credit will be issued only for goods that are properly packed and without damage. If the return shipment is due to an error of Seller, the parcels can be dispatched "freight collect" through a courier service with whom the Seller has an agreement. The credits are valid only if conform to the aforesaid conditions.

If these requirements are not respected, the credit will not be valid and the goods will be rejected and returned to the sender with shipping charges at his charge.

8) GUARANTEE

The seller guarantees that the sold goods are free of any fabrication flaws not allowed by normal commercial tolerance, specifically for the following times of validity: 2 months from delivery date for electric and electronic components; 1 year from delivery date for the remaining components.

The present guarantee is understood in the technical terms. As such, during the period of guarantee and with reference to the guaranteed parts, GHINES GROUP S.r.l. is only committed to repair or replace the parts it recognizes as production defects. The guarantee explicitly excludes all faults, flaws and/or malfunctions of the goods deriving from and/or consequence to handling, careless and/or incorrect installation, maintenance or use, neglect, wear and tear, environmental conditions, inappropriate and/or harmful use, etc.

In the event of controversy, incontestable judgement will be rendered by technical inspection by the manufacturer.

Used and bargained machinery is likewise excluded from the guarantee. The time required for eventual repairs and consequent period during which the machine is idle, will not entail an extension of the guarantee term, which always runs from the consignment date of the goods at the time of sale.

All transport costs related to the eventual replacement, repair or revision of the spare parts or the machine itself, and any other transport cost for whatever other reasons, are exclusively at customer's expense. Also at customer's charge are the performances, as well as the travel expenses, board and lodging of the technical personnel.

Any guarantee will immediately cease in the event that the machine is subject to modifications, repairs, tampering, etc., by personnel who are not part of Ghines Group or by a firm which is not formally authorised for technical assistance on the products sold.

Given the exclusively technical nature of the present guarantee, least mandatory and imperative legal rights, once the repair and/or replacement has been effected, the Manufacturer will not be committed to indemnities of any kind for damages incurred by the customer as a consequence of the vices or defects of the products.

For clear technical and commercial reasons, no guarantee is recognized on sold tools

9) SOLVE ET REPETE

Any dispute between the parties in relation to the products sold and/or the application of these general terms do not authorize the Buyer to stop or delay the payment agreed.

10) PRODUCTS ASSEMBLING AND/OR INSTALLATION

Assembling of the machines, if not otherwise agreed in writing, is always at Buyer's charge. The Seller declines any responsibilities for all damages to the Buyer or third parties as consequence of the assembling operation.

If assembling and technical assistance are agreed on by the Seller, the relative charges are calculated apart together with the expenses for travelling, board and lodging of the technician in charge. In case of assembling and/or installation made by the Buyer, he has to carry on these operations in good environment conditions, using adequate means and personnel, in conformity with the actual industrial-accident legislation. The Buyer undertakes all public and penal liabilities.

11) RISKS

All risks are to Buyer's charge even if the goods are sold free Buyer's premises.

12) DELAYED PICK UP OF THE PRODUCT

In case of delayed pick up of the product in respects of readiness of the product, communicated in written form, once 20 days have elapsed, the Seller has the right to ask for the payment, regardless the delivery, charging the Buyer for the warehouse and/or depot expenses. The Seller has the right to suspend the order addressing the goods to another client; from this decision become effective new delivery terms and an eventual price revision, if a new price list has come in force in the meantime.

13) PENAL

In the event of contract cancellation because of the Buyers' guilt or recess, the amounts once paid down are withheld by the Seller as penal, wanted and stipulated like that by the parties.

14) PAYMENT TERMS

The payment of the price for the goods sold, has to happen always by the Seller's domicile.

The payment terms specified in the order are meant valid and effective for both parties if the currency and credit conditions, in force when stabilising the contract, are kept about unchanged until the full balance of the payment, with the exception of the variation due to the normal commercial tolerance.

On the expressed will of both parties are considered to get back to the normal commercial tolerances variations, increasing or decreasing, these conditions contain a percentage of +/- 5%. Therefore variations higher than this percentage involve a change on the agreed prices.

15) TESTING

The metric and functional tests are carried out by the Manufacturer's premises before the delivery of the machine to the Buyer. In case the Buyer wants to attend the test, he has to apply for it in writing when confirming the order. Once the test has been finished, the machine is accepted.

16) LAW IN FORCE – COURT – PLACE OF JURISDICTION

The Italian laws in force will exclusively govern every aspect of this contract and its execution. Any dispute about validity, interpretation and execution of the contract will be referred to the Italian Court and submitted, exclusively, to the Jurisdiction of Rimini (ITALY)



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