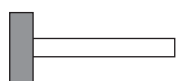
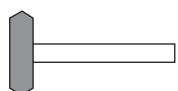


DIAMOND TOOLS

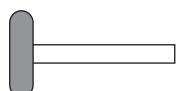
BRONZE BONDED WHEELS
FULLY IMPREGNATED DIAMOND GRAIN
GRIT SIZE FROM D15 (FINE) TO D252 (ROUGH)



STRAP WHEEL



MITRE WHEEL



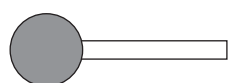
ROUNDED WHEEL



DIAMETER	THICKNESS			
	1 mm	2 mm	3 mm	5 mm
4 mm		€ 43.00		
5 mm		€ 43.70	€ 47.40	
6 mm		€ 46.20		
8 mm		€ 50.40		
10 mm	€ 49.90	€ 58.30		
15 mm	€ 68.00	€ 77.70		
20 mm	€ 101.00	€ 116.00		
25 mm		€ 135.00	€ 160.00	
30 mm		€ 149.50	€ 170.00	€ 239.00

TWO POSSIBILITIES OF TOOL GRIPPING

- Without shank to grip the tool in the centre bore.
- Glued to a shank of diameter Ø 2.35, 3 or 6 mm.



BALL WHEEL

TOOL GRIPPING

- Glued to a shank of diameter Ø 2.35, 3 or 6 mm.



DIAMETER	1 mm*	2 mm*	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	15 mm	18 mm
PRICE	€ 30.80	€ 33.20	€ 36.90	€ 44.30	€ 58.00	€ 72.00	€ 92.00	€ 122.00	€ 174.00	€ 220.00	€ 260.00

* Steel bonded wheels.

ANOTHER WAY OF GRIPPING

- All diamond wheels can be mounted on steel spindle MK 1.5



WHEELS

WHEELS WITH INCORPORATED ABRASIVES

LAPI TOOLS

- The tools are made of polyurethane foam.
- The tools are cooled with water only (no added abrasive necessary).
- The tools minimize cracking layer in workpiece thereby polishing is easier.
- The tools are easily profiled.



ORANGE • suitable after very rough or rough diamond to achieve refining of engraved surface. Recommended hardness of the tool: T



GREEN • similar use as the Blue, produces slightly rougher texture of engraved surface. Recommended hardness of the tool: TT



BLUE • suitable after very rough and rough diamond to achieve finer relief, to highlight texture. Recommended hardness of the tool: XTT

TOOLS ARE MANUFACTURED IN THREE GRADES OF HARDNESS

- **T** - hard: 23-29 ShD
- **TT** - very hard: 30-36 ShD
- **XTT** - extra hard: 45-50 ShD

THREE POSSIBILITIES OF TOOL GRIPPING

- Without shank to grip the tool in the centre bore.
- Glued to a shank of diameter Ø 2.35, 3 or 6 mm.
- Mounted on steel spindle MK 1.5.

DIAMETER	THICKNESS	PRICE (WITHOUT SHANK)	PRICE (SHANK Ø 3 MM)	PRICE (SHANK Ø 6 MM)
30 mm	4 mm	€ 5.64	€ 7.33	€ 7.64
50 mm	6 mm	€ 6.20	€ 7.89	€ 8.20

WHEELS

WHEELS WITH INCORPORATED POLISHING POWDER

A 24 M TOOLS

- The tools are made of polyurethane foam.
- The tools contain polishing powder (cerium oxide) in high concentration.
- The tools are cooled with water only (no added abrasive necessary).
- Suitable for polishing of cuts and engravings parts to achieve high shine after stone or fine copperwheel.



THREE POSSIBILITIES OF TOOL GRIPPING

- Without shank to grip the tool in the centre bore.
- Glued to a shank of diameter Ø 2.35, 3 or 6 mm.
- Mounted on steel spindle MK 1.5.

DIAMETER	THICKNESS	PRICE (WITHOUT SHANK)	PRICE (SHANK Ø 3 MM)	PRICE (SHANK Ø 6 MM)
30 mm	4 mm	€ 7.00	€ 8.69	€ 9.00
50 mm	6 mm	€ 7.70	€ 9.39	€ 9.70

WHEELS

CARRIERS OF POLISHING & LAPPING SLURRIES

MH TOOLS

- MH tools (discs/wheels) are manufactured from specially treated porous polyurethane foam.
- The tools are used for polishing and lapping of glass and natural stones.
- Replacement of traditional tools such as cork, poplar wood, felt, etc., have been used.



RECOMMENDED HARDNESSES OF THE TOOL

- **T** – hard: 18–23 ShD. Suitable for removing of tiny scratches, for fine polishing of copper wheel engravings.
- **XTT** – extra hard: 45–50 ShD. Similar use as A 24 M but more flexible. CeO₂ is recommended as polishing slurry.

THREE POSSIBILITIES OF TOOL GRIPPING

- Without shank to grip the tool in the centre bore.
- Glued to a shank of diameter Ø 2.35, 3 or 6 mm.
- Mounted on steel spindle MK 1.5.

DIAMETER	THICKNESS	PRICE (WITHOUT SHANK)	PRICE (SHANK Ø 3 MM)	PRICE (SHANK Ø 6 MM)
30 mm	4 mm	€ 4.55	€ 6.24	€ 6.55
50 mm	6 mm	€ 5.00	€ 6.69	€ 7.00

ABRASIVES

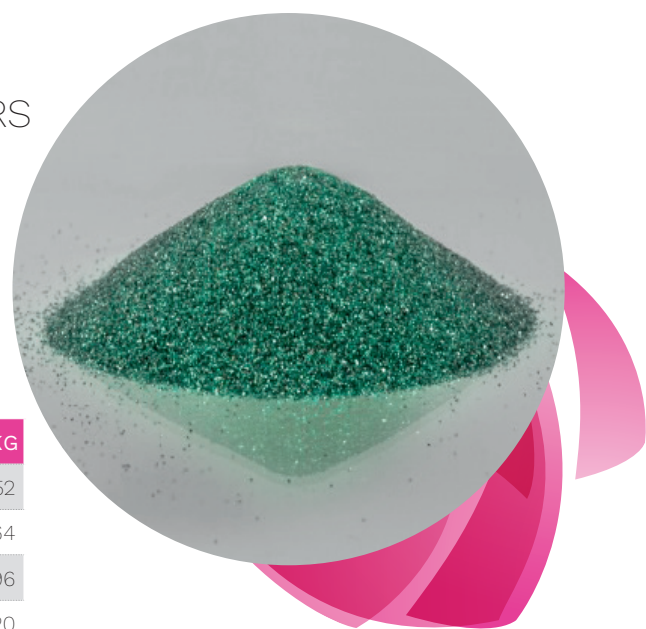
GRINDING, LAPPING AND POLISHING POWDERS

GRINDING, LAPPING

Carborundum (SiC), White corundum (Al₂O₃)

- Grinding and lapping powders suitable for grinding slurry.
- Two types of SiC: Black 48C, Green 49C (better quality).
- We offer various grit sizes in range of F16-F1200.

CORUNDUM	PRICE FOR KG	BLACK SIC	PRICE FOR KG
F16-F90	€ 1.68	F16-F90	€ 2.52
F100-F220	€ 1.76	F100-F180	€ 2.64
F240	€ 2.51	F220-F360	€ 2.96
F280-F320	€ 2.96	F400	€ 3.20
F360-F400	€ 3.54	F500-F1000	€ 3.59
F600	€ 3.82		
F800	€ 4.92		
F1000	€ 5.16		
F1200	€ 7.08		

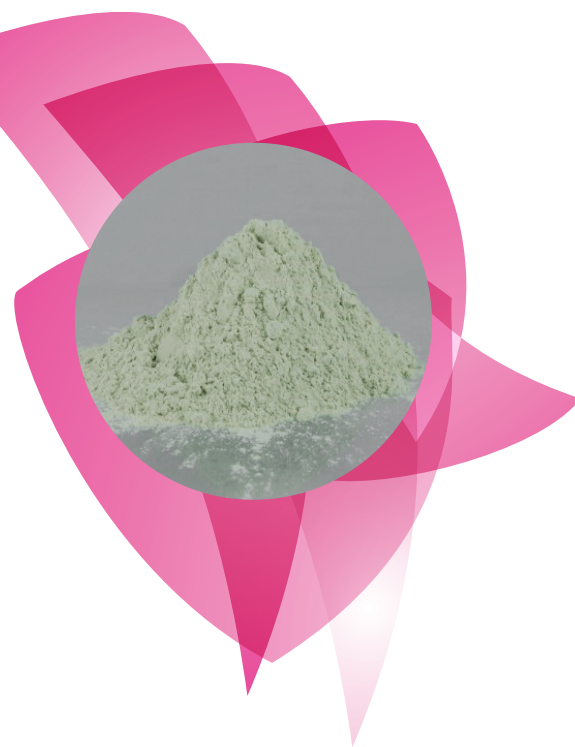


POLISHING

Pumice, Tripoli

- Abrasives suitable for pre-polishing or final polishing.

	PUMICE G1	PUMICE 1/0 N	PUMICE 2/0 N	PUMICE 3/0 B	PUMICE 6 (FF)	TRIPOLI
D50	315 µm	42 µm	32 µm	45 µm	16 µm	3,5 µm
PRICE	€ 2.40	€ 2.40	€ 2.48	€ 2.40	€ 2.40	€ 1.95
PACKAGE	25 kg	25 kg	25 kg	25 kg	25 kg	25 kg



Cerium oxide polishing powders (CeO₂)

- Outstanding properties (long life, top quality of polished surface).
- Recommended carriers: Polpur tools type MH.
- Recommended concentration of polishing slurry: 100-150 g/l.

TYPE	CEROX™ 1650	CEROX™ 1670G	CEROX™ 2610
PRODUCER	Solvay	Solvay	Solvay
D50	1.0 - 2.0 µm	1.0 - 2.0 µm	2.7 µm
CeO ₂ CONTENT	54 - 63 %	≥ 66.5 %	≥ 47 %
COLOUR	White	White	White
PRICE	€ 30	€ 30	€ 19
PACKAGE	20 kg	20 kg	20 kg

 SOLVAY

