

CUTTING



MOUNTING



POLISHING



HARDNESS AND MICROSCOPY



IMAX R

DIAMOND PLATE EVEN MORE EFFICIENT

PRECISE

Incomparable flatness for a perfect sample preparation.

100% EUROPEAN

Designed, developed and manufactured by PRESI.

DURABLE

Unsurpassed shelf life for less waste.

ECONOMIC

1 IMAX R = more than 500 abrasive papers*.

RELIABLE

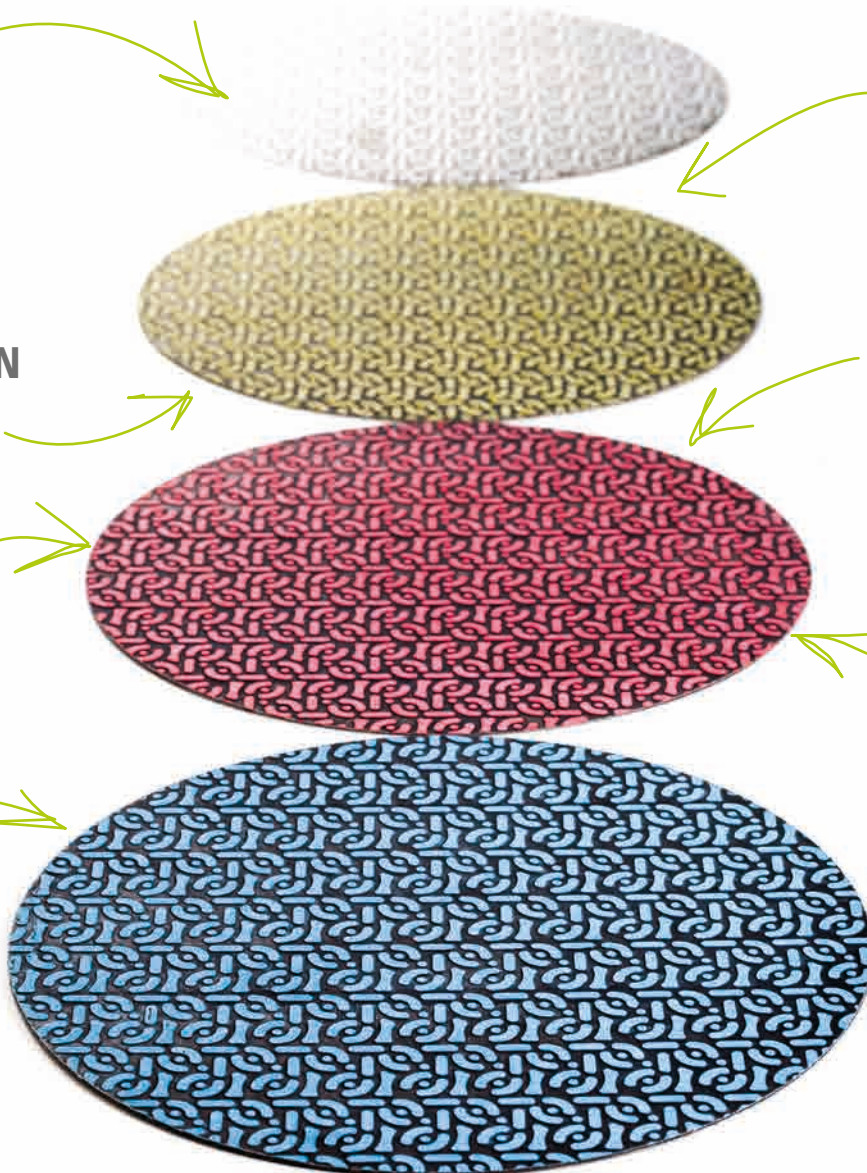
Save up to 40% operation time.

POLYVALENT

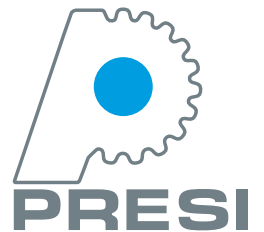
Grain size identification by color: 4 colors = 4 grain sizes. Metallic back for magnetic systems or reflex FIX adaptation.

CLEAN

Innovative structure for an optimized waste flow.



A STRONG WORLDWIDE PRESENCE THROUGH SUBSIDIARIES AND MORE THAN 35 DISTRIBUTORS



* It depends on the materials and polishing processes used.

IMAX R DIAMOND DISCS

IMAX R diamond discs have been developed to reduce the polishing time, get best results and simplify the processes.

- Mounted or un-mounted samples.
- Hot or cold mounting.
- Automatic or manual operation.

Available in 4 grits: 18µ, 54µ, 75µ, 125µ.
Available in 3 diameters: 200mm, 250mm, 300mm.

	Ø 200MM	Ø 250MM	Ø 300MM
18µ ●	24067	24069	24070
54µ ●	24072	24074	24075
75µ ●	24077	24079	24080
125µ ●	24082	24084	24085



GLOSSARY

New resin formulation

Better cutting action, optimized life time, auto regeneration of the plate, wear mastered.

New design

Perfect flatness of the samples, clear edges, no relief.

Cloth canvas

No oxidation of the work space, vibration absorption, integrity of the materials.

Underwater use

Ease of use, simplified cleaning.

Universal adaptation

Use on magnetic plate or REFLEX FIX (also available on PSA back). Suitable for most materials in the hardness range above HV250.

SAMPLE PREPARATION METHODS

MATERIALS	PRE POLISHING	POLISHING
Hard steels	IMAX R 54µ ● IMAX R 18µ ●	3 µ diamond suspension on RAM cloth PRESI Alumina n°3 on NT cloth
Medium-hard steels	IMAX R 54µ ● IMAX R 18µ ●	3 µ diamond suspension on ADR2 cloth 1 µ diamond suspension on TFR cloth PRESI Alumina n°3 on NT cloth
Carbides	IMAX R 54µ ● IMAX R 18µ ●	3 µ diamond suspension on RAM cloth 1 µ diamond suspension on TFR cloth PRESI Alumina n°3 on NT cloth
Ceramics	IMAX R 54µ ● IMAX R 18µ ●	9 µ diamond suspension on NWF+ cloth 3 µ diamond suspension on NWF+ cloth PRESI Cerium Oxyde on NV cloth
Cast irons	IMAX R 54µ ● IMAX R 18µ ●	3 µ diamond suspension on RAM cloth 1 µ diamond suspension on NT cloth
Sintered materials	IMAX R 54µ ● IMAX R 18µ ●	3 µ diamond suspension on STA cloth 1 µ diamond suspension on NT cloth PRESI Alumina n°3 on NT cloth

The 75 µ ● and 125 µ ● have been developed for significant material removal.

PRESI IS ALSO...

CUTTING



ST 310

MOUNTING



Mecapress 3

POLISHING



Mecatech 334

HARDNESS AND MICROSCOPY



Microtech MX 1

CONSUMABLES



Resins



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