

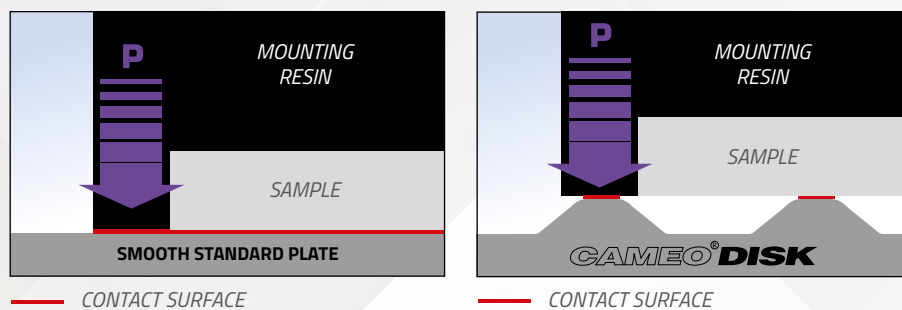
CAMEO®DISK

Grinding and polishing are key steps in the preparation of a metallographic sample. It is the quality of these steps which will condition and optimise the rest of the process.

At the end of the grinding step, the sample's aspect must be uniform and regular without altering the inherent flatness and the material. The CAMEO®DISK's performances in terms of stock removal reduce the work time on the part, thereby guaranteeing the sample's inherent flatness, an indispensable condition to succeed with your metallographic analyse.

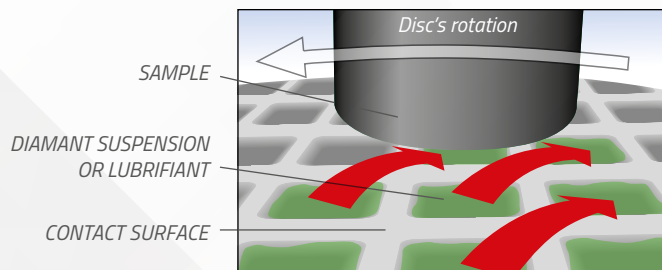
Stock removal

The CAMEO®DISK honeycomb cell structure allows decreasing the surface in contact with the sample to be polished. The pressure required to grind the sample is much less than that generally applied during the use of a solid disc. The equipment is less stressed and the risks of tearing out the grinding disc are significantly reduced.



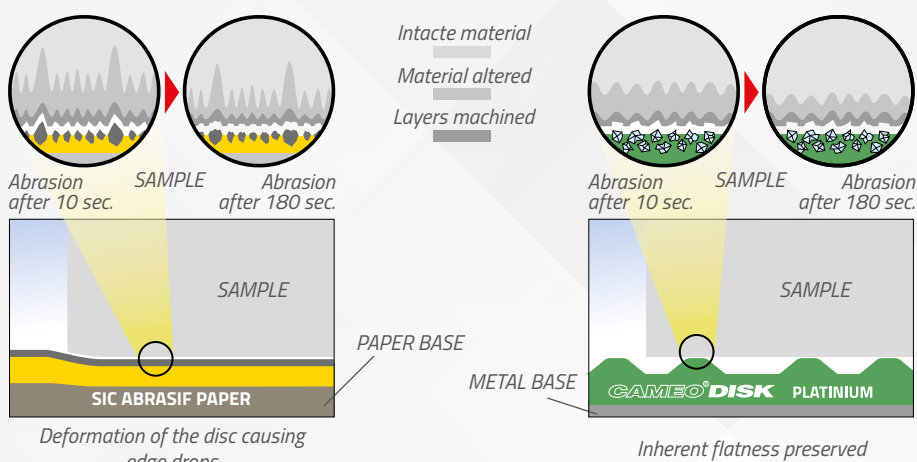
Reproducibility

The profile of the honeycomb cells was specially designed to optimise the circulation of the lubricant from one cavity to another. The abrasion residues are evacuated, guaranteeing a constant abrasive power and therefore a regularity of the result throughout the grinding and polishing steps.

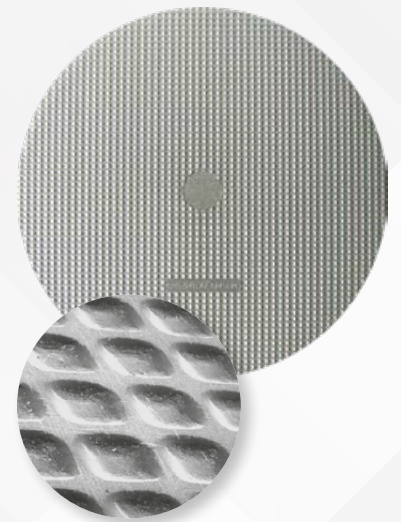


Preparation quality

For a process usually performed with several SiC abrasive papers, LAM PLAN proposes you a single, reusable disc: the CAMEO®DISK. Contrary to SiC abrasive papers, CAMEO®DISK constant abrasion prevents the formation of deep disturbed layers during the first few seconds of grinding.



CAMEO®DISK



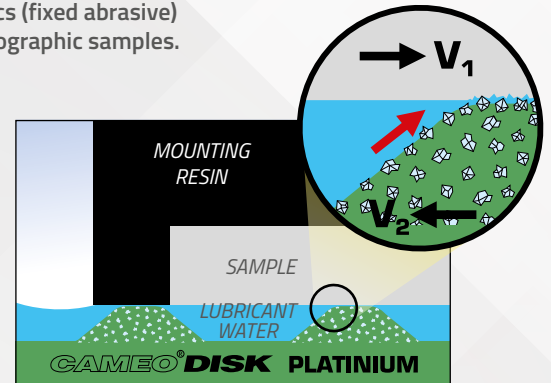
A patented honeycomb cell structure



CAMEO®DISK Platinum

The CAMEO®DISK Platinum are diamond discs (fixed abrasive) which are ideal for a rapid grinding of metallographic samples.

The use of diamond integrated in the CAMEO®DISK Platinum honeycomb cell structure allows preserving a constant stock removal throughout the operation, which prevents the appearance of edge drops, including on samples of heterogeneous hardnesses.



PLATINIUM 0 BROWN

Ø in mm	Self-adhesive	Magnetic
	Ref.	Ref.
200	09 CA170 20	09 CA570 20
230	09 CA170 30	09 CA570 30
250	09 CA170 40	09 CA570 40
300	09 CA170 50	09 CA570 50

Boxes of 1 piece + 1 dressing stone

PLATINIUM 1 BLUE

Ø in mm	Self-adhesive	Magnetic
	Ref.	Ref.
200	09 CA140 20	09 CA540 20
230	09 CA140 30	09 CA540 30
250	09 CA140 40	09 CA540 40
300	09 CA140 50	09 CA540 50

PLATINIUM 2 GREEN

Ø in mm	Self-adhesive	Magnetic
	Ref.	Ref.
200	09 CA150 20	09 CA550 20
230	09 CA150 30	09 CA550 30
250	09 CA150 40	09 CA550 40
300	09 CA150 50	09 CA550 50

PLATINIUM 3 YELLOW

Ø in mm	Self-adhesive	Magnetic
	Ref.	Ref.
200	09 CA160 20	09 CA560 20
230	09 CA160 30	09 CA560 30
250	09 CA160 40	09 CA560 40
300	09 CA160 50	09 CA560 50

PLATINIUM 4 RED

Ø in mm	Self-adhesive	Magnetic
	Ref.	Ref.
200	09 CA180 20	09 CA580 20
230	09 CA180 30	09 CA580 30
250	09 CA180 40	09 CA580 40
300	09 CA180 50	09 CA580 50

ABRASIVE STONES FOR PLATINIUM

Type	Characteristics	Qty.	Ref.
Grain 120 for platinum 0 & 1	6 x 13 x 100 mm	2	98 59121 00
Grain 400 for platinum 2	6 x 13 x 100 mm	2	98 59401 00
Grain 600 for platinum 3 & 4	6 x 13 x 100 mm	2	98 59601 00

In order to guarantee constant results, the CAMEO®DISK have to be periodically dressed by adequate abrasive stones.

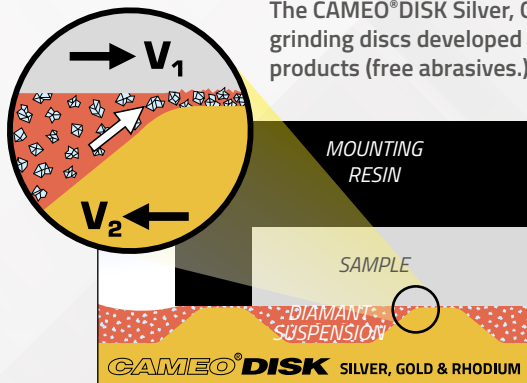
GUIDANCE

Application Table

CAMEO®DISK	Equivalences	Application	Fluid/Liquid
Platinum 0 Brown Platinum 1 Blue Platinum 2 Green Platinum 3 Yellow Platinum 4 Red	Sic Paper P80 Sic Paper P120 Sic Paper P240 Sic Paper P600 Sic Paper P1200	Grinding hard material (≥ 120 HV)	Water

GRINDING AND PREPOLISHING DISCS CAMEO®DISK

CAMEO®DISK Silver, Gold & Rhodium



The CAMEO®DISK Silver, Gold & Rhodium discs are non-diamond grinding discs developed to be used with Bio DIAMANT® abrasive products (free abrasives.)

Combined with the latest products of the Bio DIAMANT® range, the NEODIA® diamond abrasives will allow treating all types of materials.

The patented CAMEO®DISK honeycomb structure allows the uniform distribution of the periodically pulverised diamond abrasive suspension. The use of the abrasive suspension is optimised, thereby reducing the diamond product's consumption.

There are three variants of CAMEO®DISK designed with differing hardness suited for different types of material prepolished.

CAMEO®DISK SILVER

Boxes of 2 pieces + 1 dressing tool

Ø in mm	Self-adhesive		Magnetic	
	Ref.		Ref.	
200	09 CA120 20		09 CA520 20	
230	09 CA120 30		09 CA520 30	
250	09 CA120 40		09 CA520 40	
300	09 CA120 50		09 CA520 50	

CAMEO®DISK GOLD

Boxes of 2 pieces + 1 dressing tool

Ø in mm	Self-adhesive		Magnetic	
	Ref.		Ref.	
200	09 CA130 20		09 CA530 20	
230	09 CA130 30		09 CA530 30	
250	09 CA130 40		09 CA530 40	
300	09 CA130 50		09 CA530 50	

CAMEO®DISK RHODIUM

NEW

Boxes of 2 pieces + 1 dressing tool

Ø in mm	Self-adhesive		Magnetic	
	Ref.		Ref.	
200	09 CA100 20		09 CA500 20	
230	09 CA100 30		09 CA500 30	
250	09 CA100 40		09 CA500 40	
300	09 CA100 50		09 CA500 50	

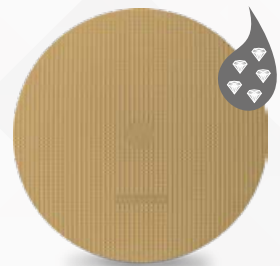
DIAMOND DRESSING TOOL FOR SILVER, GOLD & RHODIUM

Characteristics	Qty.	Ref.
100 x 15 x 5 mm	1	98 BD001 00

Application Table

CAMEO®DISK	Application	Fluid/Liquid
Silver	Medium to very hard ferrous alloys	6 to 15 µm diamond abrasives NEODIA® M, P or F
Gold	Soft non ferrous alloys	3 to 6 µm diamond abrasives NEODIA® M, P or F
Rhodium	Ceramics and Cermets	1 to 3 µm diamond abrasives NEODIA® M, P or F

CAMEO®DISK



GUIDANCE

In order to guarantee constant results, the CAMEO®DISK have to be periodically dressed by appropriate abrasive dressing tool.