

Magnetic Polishing System

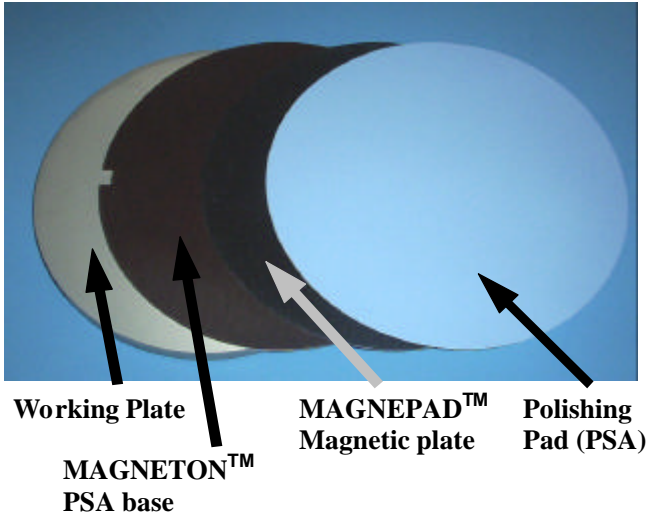


Figure 1a. Magnetic Polishing System using standard PSA backed polishing pads.

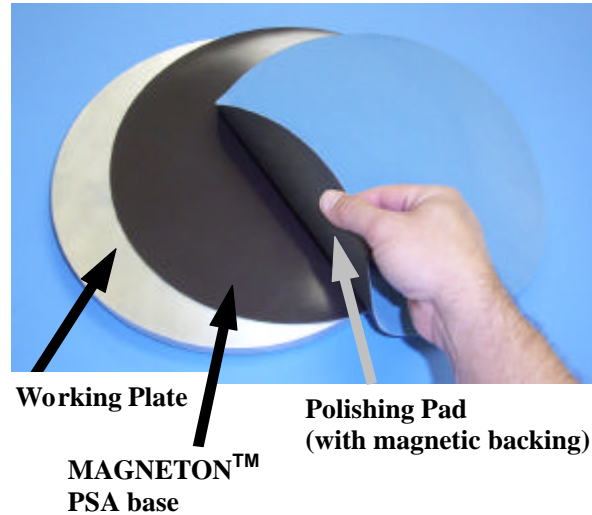


Figure 1b. Magnetic Polishing System with magnetic backing on polishing cloth.

PACE Technologies magnetic polishing systems offer the metallographer an easy to use, rapid changing and convenient way to reuse and store polishing pads. This system consists of a magnetized MAGNETON™ PSA backed base. The MAGNETON™ base is a flexible magnet which is permanently attached to the working wheel via an adhesive or PSA backing (Figure 1).

Either standard polishing pads can be attached to a teflon coated MAGNEPAD™ magnetic plate (Figures 1a and 2a) or be purchased with an flexible magnet backing (Figure 1b and 2b).

Ease-of-use

Once the MAGNETON base plate has been attached to the working plate and the polishing cloth is attached to the teflon coated plate (black side), all that remains is to place the MAGNEPAD™ onto the MAGNETON™ disk. After completion of the polishing operation the MAGNEPAD™ magnetic plate can be easily removed by lifting off the MAGNEPAD™ plate. Likewise with the magnetic backed polishing cloths, simply place the polishing cloth on the MAGNETON™ base plate and polish.

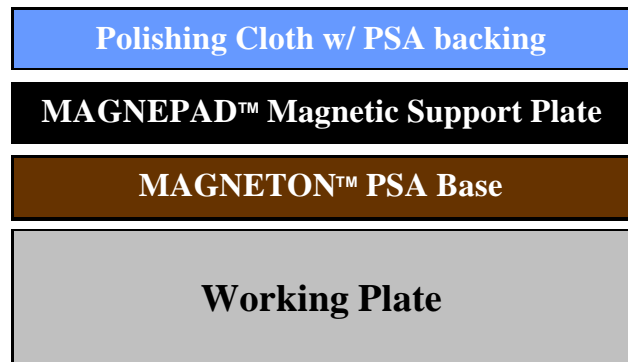


Figure 2a. Magnetic system utilizing PSA backed polishing pads

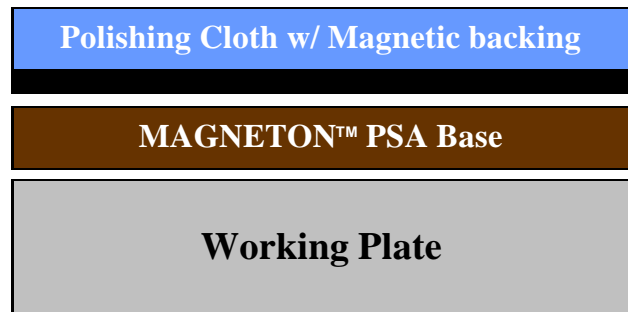


Figure 2b. Magnetic system utilizing flexible magnetic backed polishing pads

Magnetic Base Plate and Support Plate for PSA papers

Diameter (inches)	MAGNETON base plate (w/PSA)	MAGNEPAD teflon coated
8	MAG-B08	MAG-P08
10	MAG-B10	MAG-P10
12	MAG-B12	MAG-P12

PSA Adhesive Backed Polishing Pads

METAL MESH ABRASIVE CLOTH (w/PSA)

Description	Diameter (inches)	Quantity	PSA backed polishing pads
CERMESH™ Cloth	8	5/pkg	CMESH-2008
CERMESH™ Cloth	10	5/pkg	CMESH-2010
CERMESH™ Cloth	12	5/pkg	CMESH-2012

LOW NAPPED (Rough Polishing) CLOTH (w/PSA)

Description	Diameter (inches)	Quantity	Catalog Number
TEXPAN™ Pad	8	10/pkg	TP-5008
TEXPAN™ Pad	10	10/pkg	TP-5010
TEXPAN™ Pad	12	10/pkg	TP-5012
POLYPAD™ Pad	8	10/pkg	PP-6008
POLYPAD™ Pad	10	10/pkg	PP-6010
POLYPAD™ Pad	12	10/pkg	PP-6012
Black CHEM™ Pad	8	10/pkg	BC-8008
Black CHEM™ Pad	10	10/pkg	BC-8010
Black CHEM™ Pad	12	10/pkg	BC-8012
DACRON® Pad	8	10/pkg	DC-3008
DACRON® Pad	10	10/pkg	DC-3010
DACRON® Pad	12	10/pkg	DC-3012

HIGH NAPPED (Final Polishing) CLOTH (w/PSA)

Description	Diameter (inches)	Quantity	Part Number
NAPPAD™ Pad	8	10/pkg	NP-7008
NAPPAD™ Pad	10	10/pkg	NP-7010
NAPPAD™ Pad	12	10/pkg	NP-7012
MICROPAD™ Pad	8	10/pkg	MP-9008
MICROPAD™ Pad	10	10/pkg	MP-9010
MICROPAD™ Pad	10	10/pkg	MP-9010
MICROPAD™ Extra	8	10/pkg	MPE-9008
MICROPAD™ Extra	10	10/pkg	MPE-9010
MICROPAD™ Extra	12	10/pkg	MPE-9012
TRICOT™ Pad	8	10/pkg	TRI-4008
TRICOT™ Pad	10	10/pkg	TRI-4010
TRICOT™ Pad	12	10/pkg	TRI-4012

Magnetic Backed Polishing Pads

METAL MESH ABRASIVE CLOTH (w/ magnet)

Description	Diameter (inches)	Quantity	Magnet backed polishing pads
Magnetic CERMESH™	8	5/pkg	CMESH-2008-MAG
Magnetic CERMESH™	10	5/pkg	CMESH-2010-MAG
Magnetic CERMESH™	12	5/pkg	CMESH-2012-MAG

LOW NAPPED (Rough Polishing) CLOTH (w/ magnet)

Description	Diameter (inches)	Quantity	Catalog Number
Magnetic TEXPAN™	8	5/pkg	TP-5008-MAG
Magnetic TEXPAN™	10	5/pkg	TP-5010-MAG
Magnetic TEXPAN™	12	5/pkg	TP-5012-MAG
Magnetic POLYPAD™	8	5/pkg	PP-6008-MAG
Magnetic POLYPAD™	10	5/pkg	PP-6010-MAG
Magnetic POLYPAD™	12	5/pkg	PP-6012-MAG
Magnetic Black CHEM™ Pad	8	5/pkg	BC-8008-MAG
Magnetic Black CHEM™ Pad	10	5/pkg	BC-8010-MAG
Magnetic Black CHEM™ Pad	12	5/pkg	BC-8012-MAG
Magnetic DACRON®	8	5/pkg	DC-3008-MAG
Magnetic DACRON®	10	5/pkg	DC-3010-MAG
Magnetic DACRON®	12	5/pkg	DC-3012-MAG

HIGH NAPPED (Final Polishing) CLOTH (w/ magnet)

Description	Diameter (inches)	Quantity	Part Number
Magnetic NAPPAD™	8	5/pkg	NP-7008-MAG
Magnetic NAPPAD™	10	5/pkg	NP-7010-MAG
Magnetic NAPPAD™	12	5/pkg	NP-7012-MAG
Magnetic MICROPAD™	8	5/pkg	MP-9008-MAG
Magnetic MICROPAD™	10	5/pkg	MP-9010-MAG
Magnetic MICROPAD™	10	5/pkg	MP-9010-MAG
Magnetic MICROPAD™ Extra	8	5/pkg	MPE-9008-MAG
Magnetic MICROPAD™ Extra	10	5/pkg	MPE-9010-MAG
Magnetic MICROPAD™ Extra	12	5/pkg	MPE-9012-MAG
Magnetic TRICOT™	8	5/pkg	TRI-4008-MAG
Magnetic TRICOT™	10	5/pkg	TRI-4010-MAG
Magnetic TRICOT™	12	5/pkg	TRI-4012-MAG