

NX MET



METALLOGRAPHY

CUTTING

MOUNTING

POLISHING

CLEANING

MICROSCOPY

CONSUMABLES



QUALITY - COMPETITIVE PRICES - QUICK DELIVERIES

**More than 30 years of
experience for our customers!**

You will find our standard products
in this catalogue as well as new
consumables to help to improve
materials preparation.

For any product or equipment
not included in this catalogue,
don't hesitate to ask for.



NX-MET

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NX MET

Eco-citizen company!

We recycle all packaging that we
receive, all papers, flyers, catalogs are
crushed and serve for our shipments.

Objective: "Zero-waste"!

CUTTING

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CUTTING

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MOUNTING

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SUPERFINISHING

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MISCELLANEOUS

CUTTING



Resinoid Cutting Discs - box of 10

Item	Ø mm	Abrasive	Applications	Ref. N°
NX10	250x1,6x32	Al2O3	Standard Steels	10250115
NX20	250x1,6x32	Al2O3	Hard & medium Steels	10250120
NX30	250x1,6x32	Al2O3	Very Hard Steels	10250130
NX70	250x1,6x32	SIC	Non Ferrous Material, Titanium, Cast Iron	10250170
NX10	300x2x32	Al2O3	Standard Steels	10300110
NX20	300x2x32	Al2O3	Hard & medium Steels	10300120
NX30	300x2x32	Al2O3	Very Hard Steels	10300130
NX10	350x2,5x32	Al2O3	Standard Steels	10350110
NX20	350x2,5x32	Al2O3	Hard & medium Steels	10350120
NX30	350x2,5x32	Al2O3	Very Hard Steels	10350130
NX30	400x3x32	Al2O3	Very Hard Steels	10400130

**Other diameter
under request**

Resinoid & Rubber Ultrafine Cutting Discs - box of 10

Item	Ø mm	Abrasive	Applications	Ref. N°
NX80	180x0,5x25,4	SiC	Fragile materials, Resinoid bond	10180210

Cooling and anti-rust liquid

Item	Quantity	Mix	Applications	Ref. N°
XAR4	1 l	4%	Cooling & Anti-oxydation	15001100
XAR4	2,5 l	4%	Cooling & Anti-oxydation	15025100
XAR4	5 l	4%	Cooling & Anti-oxydation	15050100
XAR4	10 l	4%	Cooling & Anti-oxydation	15100100
XAS2	0,5 l	0,20%	Anti-septic	15005110

Cutting fluid for micro-cutting machines

Item	Quantity	Mix	Applications	Ref. N°
XACF	1 l	4%	Anti-oxydation & lubrication	15001120
XACF	2,5 l	4%	Anti-oxydation & lubrication	15025120
XACF	5 l	4%	Anti-oxydation & lubrication	15050120
XACF	10 l	4%	Anti-oxydation & lubrication	15100120



Diamond Cutting discs - Metal Bond - box of 1

Item	Ø mm	Abrasive	Applications	Ref. N°
XDLM	100x0,5x12,7	Diamond	Ceramic, Glass, Stone	12100100
XDLM	125x0,5x12,7	Diamond	Ceramic, Glass, Stone	12125100
XDLM	150x0,6x12,7	Diamond	Ceramic, Glass, Stone	12150100
XDLM	178x0,7x12,7	Diamond	Ceramic, Glass, Stone	12175100
XDLM	200x0,9x32	Diamond	Ceramic, Glass, Stone	12200100
XDLM	250x1,2x32	Diamond	Ceramic, Glass, Stone	12250100
XDLM	300x1,4x32	Diamond	Ceramic, Glass, Stone	12300100

Diamond Cutting discs - Resin Bond - box of 1

Item	Ø mm	Abrasive	Applications	Ref. N°
XDLR	100x0,5x12,7	Diamond	Carbides, Hard Materials	12100120
XDLR	125x0,5x12,7	Diamond	Carbides, Hard Materials	12125120
XDLR	150x0,6x12,7	Diamond	Carbides, Hard Materials	12150120
XDLR	178x0,7x12,7	Diamond	Carbides, Hard Materials	12175120
XDLR	200x0,9x32	Diamond	Carbides, Hard Materials	12200120
XDLR	250x1,2x32	Diamond	Carbides, Hard Materials	12250120
XDLR	300x1,4x32	Diamond	Carbides, Hard Materials	12300120

**HIGH
QUALITY
DIAMOND
DISCS**

**NEW
LOWER PRICES ON
SOME REFERENCES**

CBN Cutting discs - Resin bond - box of 1

Item	Ø mm	Abrasive	Applications	Ref. N°
XCBN	100x0,5x12,7	CBN	Hard & very hard steels	12100130
XCBN	125x0,5x12,7	CBN	Hard & very hard steels	12125130
XCBN	150x0,6x12,7	CBN	Hard & very hard steels	12150130
XCBN	178x0,7x12,7	CBN	Hard & very hard steels	12175130
XCBN	200x0,9x32	CBN	Hard & very hard steels	12200130
XCBN	250x1,2x32	CBN	Hard & very hard steels	12250130
XCBN	300x1,4x32	CBN	Hard & very hard steels	12300130

*Customized discs
under request*

**VERY HIGH
QUALITY**

Dressing stone for Diamond cutting discs - box of 1

Item	mm	Abrasif	Applications	Ref. N°
XDSM	50x25x200	Al ₂ O ₃	For metal bond disc	12900100
XDSR	50x25x200	Al ₂ O ₃	For resin bond disc	12900110

COLD MOUNTING RESINS

A wide range of cold mounting resins for all types of applications:

ACRYLIC

*The best choice when hot mounting is not possible: **XF25***

**HIGH
QUALITY
ACRYLIC
RESINS**



XF10: translucent or very clear under pressure

XF15: green, harder and faster

XF25: blue, hard resin, no shrinkage

XF70: black, conductive resin

EPOXY

XF40 + XH40: highly transparent

*Certainly the best Epoxy
on the market*



POLYESTER

XF60: transparent

Non expensive resin

ACCESSORIES:

Mould, Clip, Trioclip, Engraver...



Cold mounting resins technical specifications

Item	Type	Colour	Specifications	Components	Mixing ratio by weight	Curing time at 25°C	Top T°	Shrinkage
XF10	Acrylic		translucent or clear under pressure	Powder/liquid	2P: 1 l	10 min.	84 °C	☆☆
XF15	Acrylic		very hard and resistant	Powder/liquid	2P: 1 l	5 min.	80 °C	☆☆☆
XF25	Acrylic		gap free embedding by expansion, very hard	Powder/liquid	2P: 1 l	12 min.	85 °C	☆☆☆☆
XF70	Acrylic		electrically conductive	Powder/liquid	1P: 1 l	18 min.	105 °C	☆☆
XF40+XH40	Epoxy		very clear, top quality	Liquid/liquid	12 %	8 to 12 hours	45 °C	☆☆☆☆
XF60	Polyester		non expensive	Liquid/liquid	2 %	120 min.	75 °C	☆

Cold Mounting Resins

Item	Time	Quantity	Applications	Ref. N°
XF10	10 min	Powder 1 kg	ACRYLIC Translucent Clear when use with pressure chamber (NXPV)	25001110
XF10		Powder 10 kg		25010110
XF10		Liquid 0,5 l		25001210
XF10		Liquid 1 l		25002210
XF10		Liquid 5 l		25005210
XF15	8 min	Powder 1 kg	ACRYLIC Green	25001115
XF15		Liquid 0,5 l	Hard filled resin	25001215
XF25	12 min	Powder 1 kg	ACRYLIC Blue	25001125
XF25		Liquid 0,5 l	No shrinkage, very hard resin	25001225
XF25		Liquid 1 l	The best choice when hot mounting is not possible	25002225
XF40	12 h @ 25 °C	Liquid 1 l	EPOXY HQ	25001140
XH40		250 ml	Hardener for XF40 (120 ml for 1 l)	25001240
XF60		1 kg + 30 g	POLYESTER, Transparent	25001160



ACCESSORIES FOR COLD MOUNTING

Item	Ø mm x H mm	Quantity	Applications	Ref. N°
XSIL	Ø 25 x23	Box of 5	High Quality Silicon mould	27025105
XSIL	Ø 30 x25	Box of 5	High Quality Silicon mould	27030105
XSIL	Ø 40 x30	Box of 5	High Quality Silicon mould	27040105
XSIL	Ø 50 x30	Box of 3	High Quality Silicon mould	27050103
XSIL	Ø 60 x35	Box of 3	High Quality Silicon mould	27060103
XSIL	55x30x22	Box of 3	High Quality Silicon mould	27065103
XSIL	70x40x22	Box of 3	High Quality Silicon mould	27070103
XSIL	100x50x22	Box of 3	High Quality Silicon mould	27075103
XPOL	Ø 25 x 27	Box of 5	Polypropylene mould	27025205
XPOL	Ø 30 x 27	Box of 5	Polypropylene mould	27030205
XPOL	Ø 40 x 27	Box of 5	Polypropylene mould	27040205
XLIP	Plastic clip	Box of 100	Red plastic clip	27500100
XLIP	Plastic clip	Box of 100	Mixed colour plastic clip (Green, Black, Blue, Red)	27500101
XLIP	Clip TRIOCLIP	Box of 100	NEW Plastic clip with 3 tracks	27500105
XLIP	Metallic clip	Box of 100	Stainless steel clip	27500510
XAIR		530 ml	Compressed air, 100% ozone safe	27600570
NXPV	Pressure pot	1 Unit	Pressure vessel for cold mounting	27900100
NXVI	Impregnation	1 Unit	Vacuum impregnation system	27910100
NXPP	Pump	1 Unit	Pump for NXVI	27910105
XGOB	Recyclable	Bag of 100	100 cups + 100 wooden stirrers	27600100
XDYE	Blue	10 ml	Dye for resin XF10	25100100
XDYE	Green	10 ml	Dye for resin XF10	25100101
XDYE	Yellow	10 ml	Dye for resin XF10	25100102
XDYE	Red	10 ml	Dye for resin XF10	25100103



XGRA Engraver for samples

Item	Application	Ref. N°
XGRA	Delivered with 1 Carbide tip and 1 diamond tip. 230 V	85500050
XGRA	Pack of 2 Carbide tip	85500052
XGRA	Pack of 1 Diamond tip	85500053



HOT MOUNTING RESINS

Item	Quantity	Color		Applications	Ref. N°
XPHB	2,5 kg	Black	●	Phenolic, Standard mounting	20025100
XPHB	10 kg	Black	●	Phenolic, Standard mounting	20100100
XPHB	25 kg (carboard + bag)	Black	●	Phenolic, Standard mounting	20200100
XPHG	2,5 kg	Green	●	Phenolic, Standard mounting	20025110
XPHG	10 kg	Green	●	Phenolic, Standard mounting	20100110
XPHG	25 kg (carboard + bag)	Green	●	Phenolic, Standard mounting	20200110
XPHR	2,5 kg	Red	●	Phenolic, Standard mounting	20025120
XPHR	10 kg	Red	●	Phenolic, Standard mounting	20100120
XPHR	25 kg (carboard + bag)	Red	●	Phenolic, Standard mounting	20200120
XPHN	2,5 kg	Dark Brown	●	Phenolic, Standard mounting	20025123
XPHN	10 kg	Dark Brown	●	Phenolic, Standard mounting	20100123
XPHN	25 kg (carboard + bag)	Dark Brown	●	Phenolic, Standard mounting	20200123
XGFB	1 kg	Black	●	Phenolic, Glass Fiber	20001126
XGFB	2,5 kg	Black	●	Phenolic, Glass Fiber	20025126
XGFB	10 kg	Black	●	Phenolic, Glass Fiber	20100126
XPHC	1 kg	Black	●	Carbon Conductive Phenolic	20001130
XPHC	2,5 kg	Black	●	Carbon Conductive Phenolic	20025130
XDPB	1 kg	Blue	●	Diallylphtalate Glass Fiber, very high quality	20001150
XDPB	2,5 kg	Blue	●	Diallylphtalate Glass Fiber, very high quality	20025150
XDPB	10 kg	Blue	●	Diallylphtalate Glass Fiber, very high quality	20100150
XACT	1 kg	Clear	○	Acrylic Transparent	20001160
XACT	2,5 kg	Clear	○	Acrylic Transparent	20025160
XACT	10 kg	Clear	○	Acrylic Transparent	20100160
XEPB	1 kg	Black	●	Epoxy HQ (High Quality)	20001170
XEPB	2,5 kg	Black	●	Epoxy HQ (High Quality)	20025170
XEPB	10 kg	Black	●	Epoxy HQ (High Quality)	20100170
XEPB	15 kg	Black	●	Epoxy HQ (High Quality)	20150170
XEPB	25 kg (carboard + bag)	Black	●	Epoxy HQ (High Quality)	20250170
XJET	500 ml			SIL-JET spray, mould release agent	27600900



GRINDING

**HIGH QUALITY
ABRASIVE PAPERS.
N°1 IN EUROPE FOR
METALLOGRAPHY!**

**DELIVERED IN WHITE
CARDBOARD BOX.**



GRIT	μ
P80	200 μ
P120	125 μ
P180	82 μ
P240	60 μ
P320	46 μ
P400	35 μ
P600	26 μ
P800	22 μ
P1000	18 μ
P1200	15 μ
P2400	8 μ
P4000	5 μ

*Other diameter
under request*

XPNC - SIC Abrasive Papers - PLAIN

Applications: All Materials - Box of 100

Item	Ø mm	Grit	Ref. N°
XPNC	200	P80	30008200
XPNC	200	P120	30012200
XPNC	200	P180	30018200
XPNC	200	P240	30024200
XPNC	200	P320	30032200
XPNC	200	P400	30040200
XPNC	200	P600	30060200
XPNC	200	P800	30080200
XPNC	200	P1000	30100200
XPNC	200	P1200	30120200
XPNC	200	P2400	30240200
XPNC	200	P4000	30400200
XPNC	230	P120	30012230
XPNC	230	P180	30018230
XPNC	230	P320	30032230
XPNC	230	P800	30080230
XPNC	230	P1200	30120230
XPNC	230	P2400	30240230
XPNC	230	P4000	30400230
XPNC	250	P80	30008250
XPNC	250	P120	30012250
XPNC	250	P180	30018250
XPNC	250	P240	30024250
XPNC	250	P320	30032250
XPNC	250	P400	30040250
XPNC	250	P600	30060250
XPNC	250	P800	30080250
XPNC	250	P1000	30100250
XPNC	250	P1200	30120250
XPNC	250	P2400	30240250
XPNC	250	P4000	30400250
XPNC	300	P80	30008300
XPNC	300	P120	30012300
XPNC	300	P180	30018300
XPNC	300	P240	30024300
XPNC	300	P320	30032300
XPNC	300	P400	30040300
XPNC	300	P600	30060300
XPNC	300	P800	30080300
XPNC	300	P1000	30100300
XPNC	300	P1200	30120300
XPNC	300	P2400	30240300
XPNC	300	P4000	30400300
XPNC	305	P120	30012305
XPNC	305	P180	30018305
XPNC	305	P320	30032305
XPNC	305	P800	30080305
XPNC	305	P1200	30120305
XPNC	305	P4000	30400305

XPAC TO USE ON ELECTROSTATIC PAD OR AS AUTO-ADHESIVE

**DELIVERED IN WHITE CARDBOARD
BOX.**



XPAC SIC Abrasive Papers - PSA

Applications: All Materials - Box of 100

Item	Ø mm	Grit	Ref. N°
XPAC	200	P80	31008200
XPAC	200	P120	31012200
XPAC	200	P180	31018200
XPAC	200	P240	31024200
XPAC	200	P320	31032200
XPAC	200	P400	31040200
XPAC	200	P600	31060200
XPAC	200	P800	31080200
XPAC	200	P1000	31100200
XPAC	200	P1200	31120200
XPAC	200	P2400	31240200
XPAC	200	P4000	31400200
XPAC	250	P80	31008250
XPAC	250	P120	31012250
XPAC	250	P180	31018250
XPAC	250	P240	31024250
XPAC	250	P320	31032250
XPAC	250	P400	31040250
XPAC	250	P600	31060250
XPAC	250	P800	31080250
XPAC	250	P1000	31100250
XPAC	250	P1200	31120250
XPAC	250	P2400	31240250
XPAC	250	P4000	31400250
XPAC	300	P80	31008300
XPAC	300	P120	31012300
XPAC	300	P180	31018300
XPAC	300	P240	31024300
XPAC	300	P320	31032300
XPAC	300	P400	31040300
XPAC	300	P600	31060300
XPAC	300	P800	31080300
XPAC	300	P1000	31100300
XPAC	300	P1200	31120300
XPAC	300	P2400	31240300
XPAC	300	P4000	31400300

Other diameter under request

Grinding wheel for ABRAPLAN - MAPS - Box of 1

Item	Ø mm	Abrasive	Applications	Ref. N°
X950	355	Al ₂ O ₃	Fast grinding, Grit 150	33355150

Diamond grinding Discs

Box of 1

Applications: Very Hard Materials

Item	Ø mm	Abrasive	Ref. N°
XDMB	200	250 µ	33250200
XDMB	200	125 µ	33125200
XDMB	200	75 µ	33075200
XDMB	200	40 µ	33040200
XDMB	200	20 µ	33020200
XDRB	200	30 µ	33030200
XDRB	200	10 µ	33010200
XDMB	250	250 µ	33250250
XDMB	250	125 µ	33125250
XDMB	250	75 µ	33075250
XDMB	250	40 µ	33040250
XDMB	250	20 µ	33020250
XDRB	250	30 µ	33030250
XDRB	250	10 µ	33010250
XDMB	300	250 µ	33250300
XDMB	300	125 µ	33125300
XDMB	300	75 µ	33075300
XDMB	300	40 µ	33040300
XDMB	300	20 µ	33020300
XDRB	300	30 µ	33030300
XDRB	300	10 µ	33010300

XMAG Magnetic disc to stick on polishing machine

Pck of 1

Applications: to stick on polishing plate to use magnetic

Item	Ø mm	Quality	Ref. N°
XMAG	200	High Quality	34900200
XMAG	250	High Quality	34900250
XMAG	300	High Quality	34900300

XPSA Metallic disc to use adhesive on magnetic

Pck of 1

Applications: to stick adhesive pads to use on magnetic

Item	Ø mm	Quality	Ref. N°
XPSA	200	High Quality	34910200
XPSA	250	High Quality	34910250
XPSA	300	High Quality	34910300



LOWER PRICES!
RANGE FROM 125 μ TO 6 μ !
HIGHER STOCK REMOVAL!
BETTER FLATNESS!
LONGER LIFE!

XTOP is a self-sharpening, flexible grinding disc for flat and fine grinding applications, replacing abrasive papers in grinding hard materials.

Precision graded diamond and optimized grit concentration lead to short process time, flat surface and superior edge sharpness.

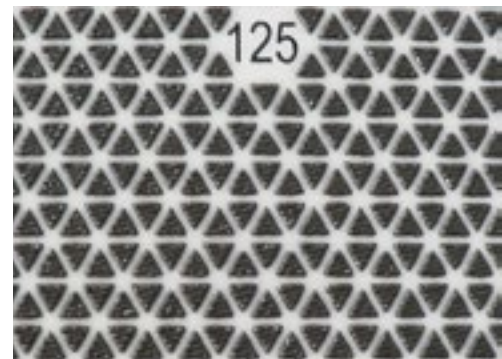
XTOP Diamond grindind Discs

(to use with water) - Box of 1

Applications: Hard & very hard materials > 150HV

Item	Ø mm	Grit	Ref. N°
XTOP	200	125 μ	34125200
XTOP	200	75 μ	34075200
XTOP	200	54 μ	34054200
XTOP	200	18 μ	34018200
XTOP	200	15 μ	34015200
XTOP	200	6 μ	34006200
XTOP	250	125 μ	34125250
XTOP	250	75 μ	34075250
XTOP	250	54 μ	34054250
XTOP	250	18 μ	34018250
XTOP	250	15 μ	34015250
XTOP	250	6 μ	34006250
XTOP	300	125 μ	34125300
XTOP	300	75 μ	34075300
XTOP	300	54 μ	34054300
XTOP	300	18 μ	34018300
XTOP	300	15 μ	34015300
XTOP	300	6 μ	34006300

Ø 350 and 400 mm are available under request.



Dressing Stone for Diamond Grinding Discs and for Cleaning XTOP

Box of 1

Applications: For XTOP, XDMB, XDRB

Item	mm	Abrasive	Ref. N°
XDDG	50x60x100	Al ₂ O ₃	12900120



POLISHING

Diamond products

Monocrystalline Diamond Polycrystalline Diamond

PERFECTLY CALIBRATED - ULTRAPURE - HIGHEST QUALITY

XM25 and **XP35**

Water base permanent suspension
high concentration for high performance
With or without lubricant - Easy cleaning

*The most popular
of our suspensions!
Best value for money!*

XM15 and **XP15**

2 in 1 water base permanent suspension
For use without lubricant - Easy cleaning

NEW FORMULA

More lubricant, stays more on the cloth!

XMAL and **XPAL**

Alcohol base suspension without water - high concentration - very high performance - Easy cleaning - **For water sensitive materials - Alcohol base: more cutting power!**

XMWF and **XPWF**

Permanent suspension **without water, without alcohol and without oil**
very high concentration - Creamy formulation - Easy cleaning

NEW

XDGM, **XDPM** and **XDPP**

Diamond pastes - very high concentration - formulation for easy cleaning of samples
very high cutting power

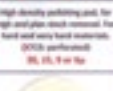
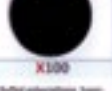
XDOM and **XDOP**

Diamond pastes, very high concentration, **oil base for industrial** lapping and polishing

XM10

Very high diamond concentration, **oil base suspension for industrial** lapping and polishing.

Our new unique range of High Quality Polishing Cloths

					Selection and production of the most efficient and performing polishing cloths for metallography and industrial polishing.
X770 - X775	X420	X550	X540	X500	
High density polishing cloth, for high and glass metal removal. For hard and very hard materials. (90% performance)	New unique polishing cloth, for glass polishing, internal film barrier. Medium, hard and very hard materials.	Medium cotton polishing cloth with internal barrier film. Excellent balance and durability. Highest material removal. All materials.	Medium silk polishing cloth with internal barrier film and PAF. Soft. Good balance. All materials.	Medium silk polishing cloth with internal barrier film and PAF. Soft. Excellent balance and cushioning. All materials.	
10, 15, 30 or 50 g	15, 30, 45 or 60 g	10, 15, 30 or 50 g	5, 10, 15 or 30 g	5, 10, 15 or 30 g	
					
X300	X240	X220	X200	X100	
Ultra pure silicon nitride polishing cloth. Medium and soft materials. Super-finishing and finishing with 50.	Soft-Rubbed polishing cloth with internal barrier film. Medium, durability and finishing. Super-finishing and finishing of all materials.	Soft-Rubbed polishing cloth. Medium and finishing. Super-finishing and finishing of all materials.	Very soft-Rubbed polishing cloth. Super-finishing and finishing of all materials, with diamond or fine alumina.	Buffer performance. Super-finishing on many materials. For use with colloidal silica directly or active fine alumina.	
5 or 10 g	5, 10, 15 or 30 g	5, 10 or 15 g	5, 10 or 15 g	1 to 500g	
					
X770 - X775	X420	X550	X540	X500	

(Go to page 23)

The perfect suspension!



XM25 Monocrystalline Permanent Diamond Suspension

Quantity

0,5 l

1 l

2,5 l

5 l

Item	Grit	Color		Applications	Ref. N°	Ref. N°	Ref. N°	Ref. N°
XM25	0,25 µ	Grey	●	All materials	50025005	50025010	50025025	50025050
XM25	1 µ	Blue	●	All materials	50001005	50001010	50001025	50001050
XM25	3 µ	Green	●	All materials	50003005	50003010	50003025	50003050
XM25	6 µ	Yellow	●	All materials	50006005	50006010	50006025	50006050
XM25	9 µ	Orange	●	All materials	50009005	50009010	50009025	50009050
XM25	15 µ	Red	●	All materials	50015005	50015010	50015025	50015050

250 ml or other possible under request

Our diamond suspensions are manufactured by us in our air-conditioned laboratory at constant temperature.

They are all biodegradable.

We only use high quality diamond and perfectly calibrated.



XP35 Polycrystalline Permanent Diamond Suspension

Quantity

0,5 l

1 l

2,5 l

5 l

Item	Grit	Color		Applications	Ref. N°	Ref. N°	Ref. N°	Ref. N°
XP35	0,25 µ	Black	●	Hard Materials, Titanium	52025005	52025010	52025025	52025050
XP35	1 µ	Black	●	Hard Materials, Titanium	52001005	52001010	52001025	52001050
XP35	3 µ	Black	●	Hard Materials, Titanium	52003005	52003010	52003025	52003050
XP35	6 µ	Black	●	Hard Materials, Titanium	52006005	52006010	52006025	52006050
XP35	9 µ	Black	●	Hard Materials, Titanium	52009005	52009010	52009025	52009050
XP35	15 µ	Black	●	Hard Materials, Titanium	52015005	52015010	52015025	52015050

250 ml or other possible under request

2in1

**SUSPENSION
TO BE USE
WITHOUT
LUBRICANT**

**NEW FORMULA!
MORE LUBRICANT!
MORE SMOOTH!
MORE CONCENTRATED!**

XM15 2in1 Monocrystalline Permanent Diamond Suspension

Applications: All materials

Quantity

0,5 l

1 l

2,5 l

5 l

Item	Grit	Color		Ref. N°	Ref. N°	Ref. N°	Ref. N°
XM15	0,25 µ	Grey	●	51025005	51025010	51025025	51025050
XM15	1 µ	Blue	●	51001005	51001010	51001025	51001050
XM15	3 µ	Green	●	51003005	51003010	51003025	51003050
XM15	6 µ	Yellow	●	51006005	51006010	51006025	51006050
XM15	9 µ	Orange	●	51009005	51009010	51009025	51009050
XM15	15 µ	Red	●	51015005	51015010	51015025	51015050

250 ml or other possible under request

XP15 2in1 Polycrystalline Permanent Diamond Suspension

Applications: Hard Materials, Titanium

Quantity

0,5 l

1 l

2,5 l

5 l

Item	Grit	Color		Ref. N°	Ref. N°	Ref. N°	Ref. N°
XP15	0,25 µ	Black	●	53025005	53025010	53025025	53025050
XP15	1 µ	Black	●	53001005	53001010	53001025	53001050
XP15	3 µ	Black	●	53003005	53003010	53003025	53003050
XP15	6 µ	Black	●	53006005	53006010	53006025	53006050
XP15	9 µ	Black	●	53009005	53009010	53009025	53009050
XP15	15 µ	Black	●	53015005	53015010	53015025	53015050

250 ml or other possible under request

**DIAMOND SPRAY
ALCOHOL BASE**

XPAL Alcohol Base POLY Diamond spray

150 ml **No Water** - **Applications: Hard Materials, Titanium**

Item	Grit	Color		Ref. N°
XPAL	0,25 µ	Black	●	52025301
XPAL	1 µ	Black	●	52001301
XPAL	3 µ	Black	●	52003301
XPAL	6 µ	Black	●	52006301
XPAL	9 µ	Black	●	52009301
XPAL	15 µ	Black	●	52015301

XMAL Alcohol Base MONO Diamond spray

150 ml **No Water** - **Applications: All Materials**

Item	Grit	Color		Ref. N°
XMAL	0,25 µ	Grey	●	50125001
XMAL	1 µ	Blue	●	50101001
XMAL	3 µ	Green	●	50103001
XMAL	6 µ	Yellow	●	50106001
XMAL	9 µ	Orange	●	50109001
XMAL	15 µ	Red	●	50105001

**NO GAS
HIGH QUALITY
PACKAGING**

NEW



XMWF MONO Permanent Diamond Suspension Very High Concentration

0,5 litre **Applications: All materials**

Item	Grit	Color	Ref. N°
XMWF	1 µ	Blue	51001105
XMWF	3 µ	Green	51003105
XMWF	6 µ	Yellow	51006105
XMWF	9 µ	Orange	51009105

XPWF POLY Permanent Diamond Suspension Very High Concentration

0,5 litre **Applications: All materials**

Item	Grit	Color	Ref. N°
XPWF	1 µ	Black	53001105
XPWF	3 µ	Black	53003105
XPWF	6 µ	Black	53006105
XPWF	9 µ	Black	53009105

**PERMANENT
DIAMOND SUSPENSION**

**No Water,
No Oil,
No Alcohol!**

**EASY CLEANING
BIODEGRADABLE
NOT HAZARDOUS**



ALCOHOL BASE

**Water sensitive materials
Very high cutting power
Easy cleaning**



XMAL Alcohol Base Monocrystalline Diamond Suspension - No Water

Applications: All materials

Item	Grit	Color	Quantity	
			0,5 l	1 l
Item	Grit	Color	Ref. N°	Ref. N°
XMAL	0,25 µ	Grey	50125010	50125011
XMAL	1 µ	Blue	50101010	50101011
XMAL	3 µ	Green	50103010	50103011
XMAL	6 µ	Yellow	50106010	50106011
XMAL	9 µ	Orange	50109010	50109011
XMAL	15 µ	Red	50115010	50115011

250 ml or other possible under request

XPAL Alcohol Base Polycrystalline Diamond Suspension - No Water

Applications: All hard materials

Item	Grit	Color	Quantity	
			0,5 l	1 l
Item	Grit	Color	Ref. N°	Ref. N°
XPAL	0,25 µ	Black	52025305	52025310
XPAL	1 µ	Black	52001305	52001310
XPAL	3 µ	Black	52003305	52003310
XPAL	6 µ	Black	52006305	52006310
XPAL	9 µ	Black	52009305	52009310
XPAL	15 µ	Black	52015305	52015310

250 ml or other possible under request

Our diamond pastes are manufactured by us in our air-conditioned laboratory at constant temperature.

They are all biodegradable.



XDGM Monocrystalline Diamond Paste

Standard Concentration Tube of 10 g

Applications: Soft materials, Stainless Steel

Item	Grit	Color	Ref. N°
XDGM	0,25 µ	Grey	56025010
XDGM	1 µ	Blue	56001010
XDGM	3 µ	Green	56003010
XDGM	6 µ	Yellow	56006010
XDGM	9 µ	Orange	56009010
XDGM	15 µ	Red	56015010

XDPM Monocrystalline Diamond Paste

High Concentration Tube of 10 g

Applications: Hard Materials

Item	Grit	Color	Ref. N°
XDPM	0,25 µ	Grey	56025015
XDPM	1 µ	Blue	56001015
XDPM	3 µ	Green	56003015
XDPM	6 µ	Yellow	56006015
XDPM	9 µ	Orange	56009015
XDPM	15 µ	Red	56015015

XDPP Polycrystalline Diamond Paste

High Concentration Tube of 10 g

Applications: Hard Materials, Titanium

Item	Grit	Color	Ref. N°
XDPP	0,25 µ	Black	57025010
XDPP	1 µ	Black	57001010
XDPP	3 µ	Black	57003010
XDPP	6 µ	Black	57006010
XDPP	9 µ	Black	57009010
XDPP	15 µ	Black	57015010

Lubricants

Item	Quantity	Color	Applications	Ref. N°
XL20	1 l	Green	Water base lubricant	45010120
XL20	2,5 l	Green	Water base lubricant	45025120
XL20	5 l	Green	Water base lubricant	45050120
XL20	10 l	Green	Water base lubricant	45100120
XL25	1 l	Red	Water base lubricant	45010125
XL25	2,5 l	Red	Water base lubricant	45025125
XL25	5 l	Red	Water base lubricant	45050125
XL25	10 l	Red	Water base lubricant	45100125
XL22	1 l	Orange	Water & Alcohol base lubricant	45010122
XL22	2,5 l	Orange	Water & Alcohol base lubricant	45025122
XL22	5 l	Orange	Water & Alcohol base lubricant	45050122
XL22	10 l	Orange	Water & Alcohol base lubricant	45100122
XL50	1 l	Blue	Alcohol base lubricant More cutting power!	45010150
XL50	2,5 l	Blue	Alcohol base lubricant More cutting power!	45025150
XL50	5 l	Blue	Alcohol base lubricant More cutting power!	45050150
XL50	10 l	Blue	Alcohol base lubricant More cutting power!	45100150

Our lubricants are all biodegradable.

We only use high quality ingredients.

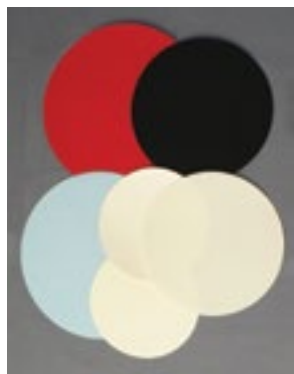


Lubricant Water Soluble for Lapping

Item	Quantity	Color	Applications	Ref. N°
XL90	1 l	Blond	Lubrification	45001900
XL90	5 l	Blond	Lubrification	45005900
XL90	10 l	Blond	Lubrification	45010900

**MADE IN FRANCE
IN OUR LABORATORIES**

**NEW RANGE
OF HIGH
PERFORMANCE
POLISHING
CLOTHS!**



Polishing Cloth Discs - PSA - Pack of 5

Item	Ø mm	Color	Applications	Ref. N°
X620	200	Cream	Non woven Diamond 15, 9, 6 µ	40200620
X550	200	Grey	Woven Diamond 15, 9, 6 µ	40200550
X540	200	White	Woven (PVC intermediate layer) Diamond 9, 6 µ	40200540
X500	200	White	Woven Diamond 9, 6, 3 µ	40200500
X300	200	White	Woven wool Diamond 6, 3, 1 µ	40200300
X240	200	Purple	Flocked Soft Diamant 9, 6, 3, 1 µ	40200240
X220	200	Blue	Flocked Soft Diamond 3, 1 µ	40200220
X200	200	Red	Flocked Extra-Soft Diamant 3, 1, 1/4 µ	40200200
X100	200	Black	Microporous Alumina or Colloidal Silica	40200100
X620	250	Cream	Non woven Diamond 15, 9, 6 µ	40250620
X550	250	Grey	Woven Diamond 15, 9, 6 µ	40250550
X540	250	White	Woven (PVC intermediate layer) Diamond 9, 6 µ	40250540
X500	250	White	Woven Diamond 9, 6, 3 µ	40250500
X300	250	White	Woven wool Diamond 6, 3, 1 µ	40250300
X240	250	Purple	Flocked Soft Diamant 9, 6, 3, 1 µ	40200240
X220	250	Blue	Flocked Soft Diamond 3, 1 µ	40250220
X200	250	Red	Flocked Extra-Soft Diamant 3, 1 µ	40250200
X100	250	Black	Microporous Alumina or Colloidal Silica	40250100
X620	300	Cream	Non woven Diamond 15, 9, 6 µ	40300620
X550	300	Grey	Woven Diamond 15, 9, 6 µ	40300550
X540	300	White	Woven (PVC intermediate layer) Diamond 9, 6 µ	40300540
X500	300	White	Woven Diamond 9, 6, 3 µ	40300500
X300	300	White	Woven wool Diamond 6, 3, 1 µ	40300300
X240	300	Purple	Flocked Soft Diamant 9, 6, 3, 1 µ	40200240
X220	300	Blue	Flocked Soft Diamond 3, 1 µ	40300220
X200	300	Red	Flocked Extra-Soft Diamant 3, 1 µ	40300200
X100	300	Black	Microporous Alumina or Colloidal Silica	40300100

Polishing Cloth Discs - M - Pack of 5 (For Magnetic, GEKKO...)

Item	Ø mm	Color	Applications	Ref. N°
M620	200	Cream	Non woven Diamond 15, 9, 6 µ	41200620
M550	200	Grey	Woven Diamond 15, 9, 6 µ	41200550
M540	200	White	Woven (PVC intermediate layer) Diamond 9, 6 µ	41200540
M500	200	White	Woven Diamond 9, 6, 3 µ	41200500
M300	200	White	Woven wool Diamond 6, 3, 1 µ	41200300
M240	200	Purple	Flocked Soft Diamant 9, 6, 3, 1 µ	41200240
M220	200	Blue	Flocked Soft Diamond 3, 1 µ	41200220
M200	200	Red	Flocked Extra-Soft Diamant 3, 1, 1/4 µ	41200200
M100	200	Black	Microporous Alumina or Colloidal Silica	41200100
M620	250	Cream	Non woven Diamond 15, 9, 6 µ	41250620
M550	250	Grey	Woven Diamond 15, 9, 6 µ	41250550
M540	250	White	Woven (PVC intermediate layer) Diamond 9, 6 µ	41250540
M500	250	White	Woven Diamond 9, 6, 3 µ	41250500
M300	250	White	Woven wool Diamond 6, 3, 1 µ	41250300
M240	250	Purple	Flocked Soft Diamant 9, 6, 3, 1 µ	41250240
M220	250	Blue	Flocked Soft Diamond 3, 1 µ	41250220
M200	250	Red	Flocked Extra-Soft Diamant 3, 1 µ	41250200
M100	250	Black	Microporous Alumina or Colloidal Silica	41250100
M620	300	Cream	Non woven Diamond 15, 9, 6 µ	41300620
M550	300	Grey	Woven Diamond 15, 9, 6 µ	41300550
M540	300	White	Woven (PVC intermediate layer) Diamond 9, 6 µ	41300540
M500	300	White	Woven Diamond 9, 6, 3 µ	41300500
M300	300	White	Woven wool Diamond 6, 3, 1 µ	41300300
M240	300	Purple	Flocked Soft Diamant 9, 6, 3, 1 µ	41300240
M220	300	Blue	Flocked Soft Diamond 3, 1 µ	41300220
M200	300	Red	Flocked Extra-Soft Diamant 3, 1 µ	41300200
M100	300	Black	Microporous Alumina or Colloidal Silica	41300100

SUPERFINISHING

**A NEW RANGE OF
COLLOIDAL SILICA
FOR VERY HIGH
SUPER-FINISHING ON
ALL MATERIALS!**



Colloidal Silica Suspension (with anticrystallization agent)

Item	Grit	Quantity		Applications	Ref. N°
XA05	0,05 µ Basic	1 l	○ White	Super Finishing	36005101
XA05	0,05 µ Basic	2,5 l	○ White	Super Finishing	36005125
XA05	0,05 µ Basic	5 l	○ White	Super Finishing	36005150
XA15	0,15 µ Basic	1 l	● Pink	Super Finishing (more aggressive)	36120101
XA15	0,15 µ Basic	2,5 l	● Pink	Super Finishing (more aggressive)	36120125
XA15	0,15 µ Basic	5 l	● Pink	Super Finishing (more aggressive)	36120150

Colloidal Silica Suspension + Al₂O₃ (with anticrystallization agent)

Item	Grit	Quantity		Applications	Ref. N°	
XA06	0,05 µ Basic	1 l	● Blue	Super Finishing for Ferrous Materials	36005201	NEW
XA06	0,05 µ Basic	5 l	● Blue	Super Finishing for Ferrous Materials	36005250	NEW

XALO Alumina Powder - Box of 1kg

Item	Grit	Quality	Applications	Ref. N°
XALO	0,04 µ	Gamma	Super Finishing	35004100
XALO	0,3 µ	Alpha	Super Finishing	35003100
XALO	1 µ	Alpha	High Finishing	35100100
XALO	1 µ	Standard	Finishing	35010100
XALO	3 µ	Standard	Semi Finishing	35030100
XALO	5 µ	Standard	Semi Finishing	35050100
XALO	9 µ	Standard	Lapping	35090100
XALO	15 µ	Standard	Lapping	35150100
XALO	30 µ	Standard	Lapping	35300100



XALO Alumina Suspension - Bottle of 1 litre

Item	Grit	Quality	Applications	Ref. N°
XALO	0,04 µ	Gamma	Super Finishing	36004200
XALO	0,3 µ	Alpha	Super Finishing	36030200
XALO	1 µ	Alpha	Finishing	36010200

MISCELLANEOUS



Portable polishing unit Electer E-MAX EVO

Item	Ref. N°
Electer E-MAX EVO	85000100
Delivered in Aluminium case with 1 motor ENK-250T, 1 Reducer RG01, 1 Tool holder 90° IC300, 1 rubber disc holder Ø 30 mm, 1 set of polishing cloth Ø 32 mm (10x X500, 10x X300 & 10x X200)	
Motor ENK-250T + power cord	85000105
Motor ENK-410S + power cord	85000106
Straight tool holder IH300	85000110
90° tool holder IC300	85000111
Reducer 1/4 RG01	85000115
Rubber disc holder Ø 30 mm (x5 units)	85000120

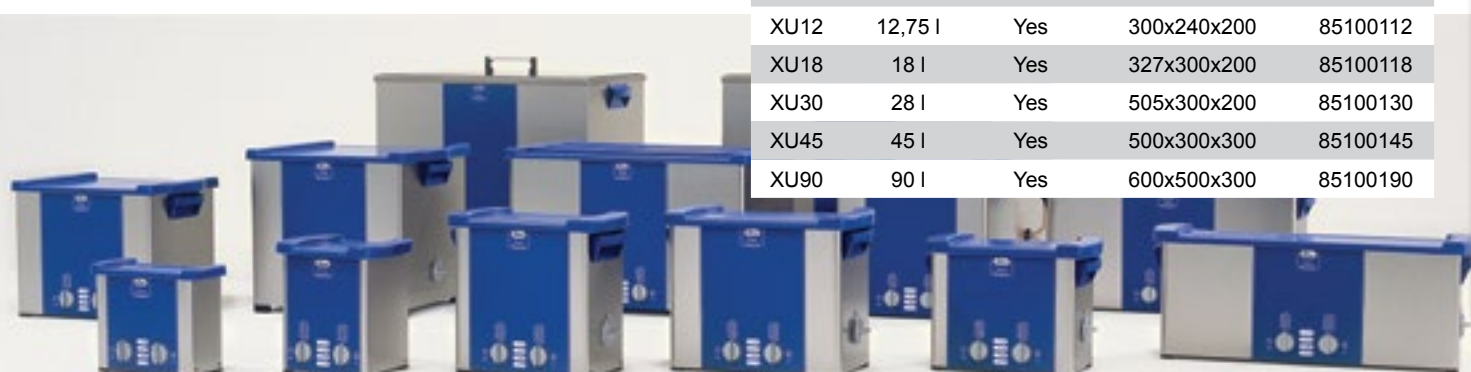
Consumables for Replica

NEW

Item					Ref. N°
XREP	Replica sheets 100x150 mm, thickness 35 µ, Pack of 20				27700120
XREP	Applicator				
XREP	Replica paste for horizontale & inclined surface, Tube of 50 ml				
XREP	Static mixer, Pack of 30				
XPAC	Abrasive discs PSA, Ø 32 mm, P60, Pack de 100				
XPAC	Abrasive discs PSA, Ø 32 mm, P120, Pack de 100				
XPAC	Abrasive discs PSA, Ø 32 mm, P240, Pack de 100				
XPAC	Abrasive discs PSA, Ø 32 mm, P400, Pack de 100				
XPAC	Abrasive discs PSA, Ø 32 mm, P600, Pack de 100				
XPAC	Abrasive discs PSA, Ø 32 mm, P1200, Pack de 100				
Item	Ø mm	Color	Applications		Ref. N°
X500	32	White ○	Diamond 9, 6, 3 µ	Pack of 25	40032500
X300	32	White ○	Diamond 6, 3, 1 µ	Pack of 25	40032600
X200	32	Red ●	Diamond 3, 1 µ	Pack of 25	40032200

Ultrasonic cleaning tank (delivered with cover and basket)

Item	Capacity	Heating	Int. Dim. (mm)	Ref. N°
XU01	0,8 l	No	190x85x60	85100101
XU02	1,75 l	No	151x137x100	85100102
XU03	2,75 l	Yes	240x137x100	85100103
XU04	4,25 l	Yes	240x137x150	85100104
XU06	5,75 l	Yes	300x151x150	85100106
XU07	6,9 l	Yes	505x137x100	85100107
XU08	9,4 l	Yes	505x137x150	85100108
XU10	9,5 l	Yes	300x240x150	85100110
XU12	12,75 l	Yes	300x240x200	85100112
XU18	18 l	Yes	327x300x200	85100118
XU30	28 l	Yes	505x300x200	85100130
XU45	45 l	Yes	500x300x300	85100145
XU90	90 l	Yes	600x500x300	85100190

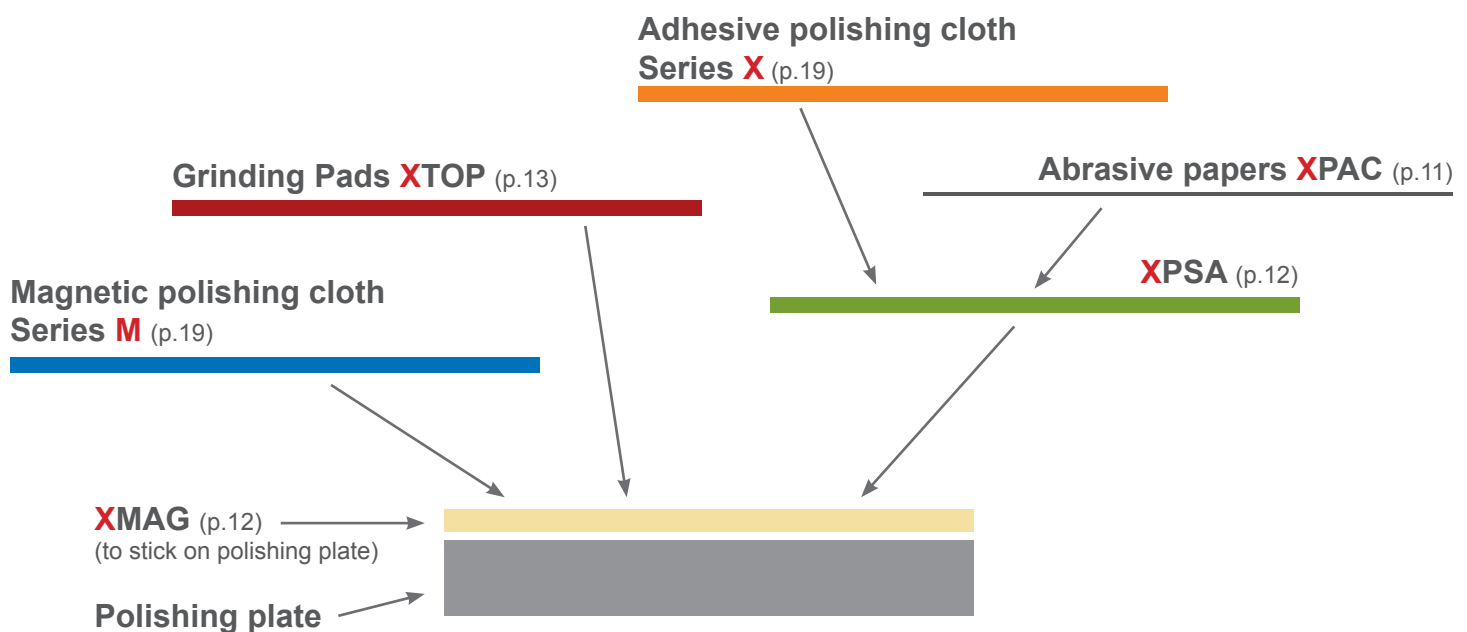


MAGNETIC SYSTEM by **NX**MET

How to simplify and speed up samples preparation?

With our high quality products, simplify and speed up your samples preparation by using magnetic system.

Only 1 polishing plate is necessary.



Stick on your polishing plate our **XMAG**, and then you can use all types of consumables.

Either directly on **XMAG** with series **M** polishing cloths, grinding pads **XTOP**

or

All others adhesive products like abrasive papers **XPAC**, series **X** polishing cloths, standard diamond pads... by using intermediate metallic foil **XPSA**.

NEW Also available our new Electrostatic System!

POLISHING CLOTHS

Selection and production of the most efficient and performing polishing cloths for metallography and industrial polishing.					
					
X710	X620	X550	X540	X500	
High density polishing pad, for high and plan stock removal. For hard and very hard materials. (X715: perforated)	Non-woven polishing cloth, for plan polishing. Internal film barrier. Medium, hard and very hard materials.	Woven satin polishing cloth with internal barrier film. Excellent flatness and durability. Higher material removal. All materials.	Woven silk polishing cloth with internal barrier film and PVC foil. Good flatness. All materials.	Woven silk polishing cloth with internal barrier and thin adhesive film. Excellent flatness and semifinishing. All materials.	
30, 15, 9 or 6µ	15, 9, 6 or 3µ	15, 9, 6 or 3µ	9, 6, 3 or 1µ	9, 6, 3 or 1µ	
					
X300	X240	X220	X200	X100	
100% pure woven wool polishing cloth. Medium and soft materials. Semi-finishing or finishing with 3µ.	Soft flocked polishing cloth with internal barrier film. Flatness, durability and finishing. Semi-finishing and finishing of all materials.	Soft flocked polishing cloth. Flatness and finishing. Semi-finishing and finishing of all materials.	Very soft flocked polishing cloth. Semi-finishing and finishing of all materials, with diamond or fine Alumina.	Buffed polyurethane. Super-finishing on many materials. To use with Colloidal Silica (XA05) or extra-fine Alumina.	
6 or 3µ	9, 6, 3 or 1µ	6, 3 or 1µ	3, 1 or 1/4µ	1 to 0,04µ	
Our adhesive polishing cloths X series are also available in a MAGNETIC version, M series, and compatible on electrostatic pads.					



*NX-MET markets its products
worldwide*

The logo for NX MET, featuring the letters 'NX' in white and 'MET' in black, with a white swoosh above the 'X'.

NX-MET

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