



**Ceramic Grinding
and Polishing Media**



**Plastic Grinding
and Polishing
Media**



**Stainless Steel Balls,
Granules and Pastes**



Separator Granules



Liquid Compounds



Powder Compounds

SURFACE FINISHING CONSUMABLES

About Kromas:

The pioneering that Kromas has started on surface finishing machinery is continued by developing new systems and technologies and making them available to the industry.

Kromas products are successfully used in more than 10.000 companies in 87 countries in 5 continents.

More than 3000 surface processes developed by Kromas are being successfully implemented, without alternatives.

The machines, systems and process solutions offered by Kromas provide competitive advantage with high productivity and low processing costs.

Kromas has an advanced R&D infrastructure and has developed many patented products.

Kromas has the ISO 9001 quality management system certification. Kromas products bear the CE marking, and TSE-EN norms and standards are applied during the production. Furthermore, Kromas can also produce in compliance with the standards of other countries, which apply different standards.

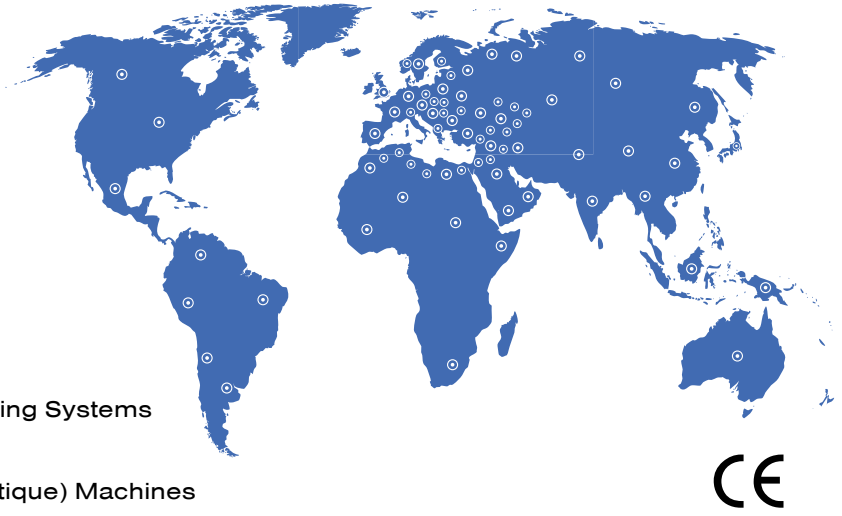
Kromas's exemplary technical solutions are being monitored and used by many companies.

"Kromas products are successfully used
in more than **10.000 companies**
in **87 countries** in **5 continents**."

PRODUCT RANGE:

Surface Finishing Machines and Systems

- Round Vibratory Machines
- Multichannel Continuous Finishing Systems
- Trough/Tub Vibratory Machines
- Linear Tub Vibratory Machines
- Vibratory and Belt Drying Machines
- Centrifugal Disc Finishing Machines
- Centrifugal Drying and Degreasing Machines
- Surface Finishing Barrels
- Surface Finishing Automation Systems
- Industrial Waste Water Treatment and Recycling Systems
- Thermo-Diffusion Zinc Coating Systems
- Natural Stones Surface Ageing/Tumbling (Antique) Machines
- Natural Stones Rounding and Polishing Machines



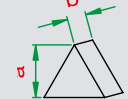
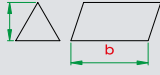
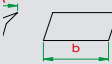
Surface Finishing Consumables

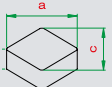
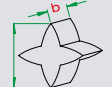
- Ceramic Media
- Porcelain Media
- Plastic Media
- Stainless Steel Media
- Drying and Polishing Granules
- Liquid, Paste and Powder Compounds

**YÜZEY İŞLEM KONUSUNDA ÜCRETSİZ DANIŞMANLIK HİZMETİ,
NUMUNE ÇALIŞMASI, ÜRÜN BAZINDA PROSES GELİŞTİRME VE
FASON HİZMETİ İÇİN LÜTFEN BİZİMLE TEMASA GEÇİNİZ.**

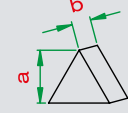
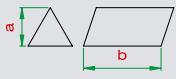
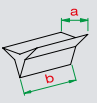
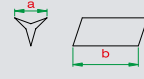


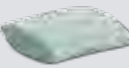
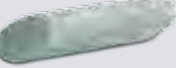
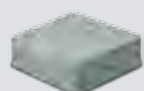
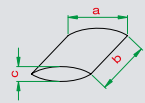
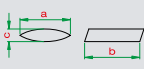
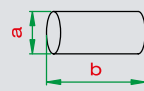
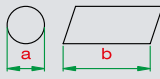
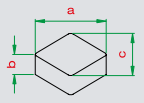
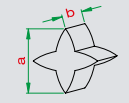
CERAMIC GRINDING AND POLISHING MEDIA

Example: S 105/SC-15x15x06 SC Grinding class : Super class Size (mm) : axbxc Cut : Straight Shape : Ellipse Type : Ceramic			S 101/SC TRIANGLE	S 101/AC ANGLE CUT TRIANGLE	S 103/SC TRISTAR	S 103/AC ANGLE CUT TRISTAR
GRINDING CLASS SPEC. WEIGHT g/cm³ GRINDING EFFECT						
P	2,95	Porcelain polishing	06x06	06x06	06x06	
			08x08			
			09x09			
			10x10			
LC	2,45	Fine grinding	06x06	06x06	06x06	06x06
			06x12	06x12	10x10	10x10
			08x08	08x08	16x16	16x16
			09x09	09x09	19x19	19x19
			10x10	10x10		
			13x13	13x13		
			15x15	15x15		
			15x25	15x25		
			20x20	20x20		
			20x40	20x40		
			25x25	25x25		
			30x30	30x30		
			40x40	40x40		
MX+	2,56	Medium grinding	06x06	06x06	06x06	06x06
			08x08	08x08	10x10	10x10
			09x09	09x09	13x13	13x13
			10x10	10x10	16x16	16x16
			13x13	13x13	19x19	19x19
			15x15	15x15		
			15x18	15x18		
			15x25	15x25		
			16x16	16x16		
			20x20	20x20		
			20x40	20x40		
			25x25	25x25		
			30x30	30x30		
			40x40	40x40		

S 105/SC ELLIPSE	S 105/AC ANGLE CUT ELLIPSE	S 106/SC CYLINDER	S 106/AC ANGLE CUT CYLINDER	S 108/SC DIAMOND	S 109/SC STAR	S 110 BALL
						
10x10x03 14x14x05 15x15x04 15x15x06 20x20x08 20x20x10	10x10x03 14x14x05 15x15x04 15x15x06 20x20x08 20x20x10	02x05 03x05 03x10 04x05 04x10 04x15 05x10 05x15 06x06	06x10 06x15 07x10 07x15 08x10 08x15 09x15 10x10 10x20	03x10 04x05 04x10 04x15 05x10 05x15 06x06 06x10 06x15	07x10 07x15 08x10 08x15 09x15 10x10 10x20	3 4 5 6 8 10 -12
10x10x03 14x14x05 15x15x04 15x15x06 20x20x08 20x20x10	10x10x03 14x14x05 15x15x04 15x15x06 20x20x08 20x20x10	04x05 04x10 04x15 05x10 05x15 06x06 06x10 06x15 07x10 07x15 08x10 08x15	09x15 10x10 10x15 10x20 13x13 13x25 15x15 15x30 20x20 20x30 20x40	06x06 06x10 06x15 07x10 07x15 08x10 08x15 13x13	13x13 13x25 15x15 15x30 20x20	
10x10x03 14x14x05 15x15x04 15x15x06 20x20x08 20x20x10	10x10x03 14x14x05 15x15x04 15x15x06 20x20x08 20x20x10	04x05 04x10 04x15 05x10 05x15 06x06 06x10 06x15 07x10 07x15 08x10 08x15	09x15 10x10 10x15 10x20 13x13 13x25 15x15 15x30 20x20 20x30 20x40	04x05 04x10 04x15 05x10 05x15 06x06 06x10 06x15 07x10 07x15 08x10 08x15	09x15 10x10 10x15 10x20 13x13 13x25 15x15 15x30 20x20 20x30 20x40	35x18x25 50x30x30 50x40x30 50x40x40

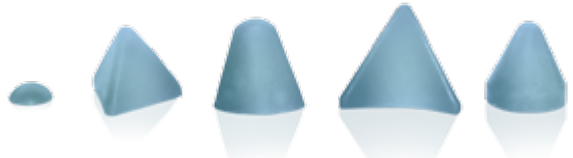
CERAMIC GRINDING AND POLISHING MEDIA

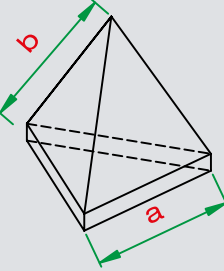
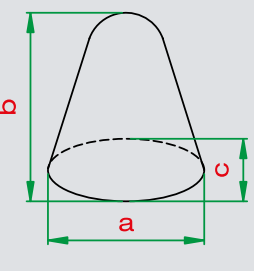
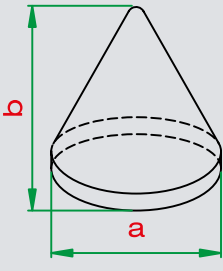
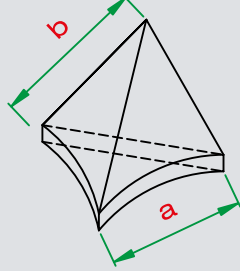
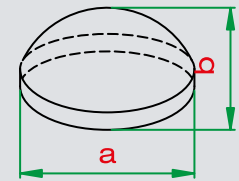
Example: S 105/SC-15x15x06 SC Grinding class : Super Size (mm) : axbxc Cut : Straight Shape : Ellipse Type : Ceramic			S 101/SC TRIANGLE		S 101/AC ANGLE CUT TRIANGLE		S 103/SC TRISTAR		S 103/AC ANGLE CUT TRISTAR	
GRINDING CLASS SPEC. WEIGHT g/cm³ GRINDING EFFECT										
HX+	2,66	Very Strong 	06x06	15x40	06x06	15x40	06x06	10x10	06x06	10x10
			06x12	16x16	06x12	16x16	10x10	10x10	10x15	10x15
			08x08	16x30	08x08	16x30	10x15	10x15	13x13	13x13
			09x09	20x20	09x09	20x20	13x13	13x13	16x16	16x16
			10x10	20x40	10x10	20x40	16x16	16x16	19x19	19x19
			10x15	25x25	10x15	25x25				
			13x13	30x30	13x13	30x30				
			15x15	40x40	15x15	40x40				
SC	2,65	Extremely Strong 	06x06	15x40	06x06	15x40	06x06	10x10	06x06	10x10
			06x12	16x16	06x12	16x16	10x10	10x10	10x15	10x15
			08x08	16x30	08x08	16x30	10x15	10x15	13x13	13x13
			09x09	20x20	09x09	20x20	13x13	13x13	16x16	16x16
			10x10	20x40	10x10	20x40	16x16	16x16	19x19	19x19
			10x15	25x25	10x15	25x25				
			13x13	30x30	13x13	30x30				
			15x15	40x40	15x15	40x40				

S 105/SC ELLIPSE	S 105/AC ANGLE CUT ELLIPSE	S 106/SC CYLINDER	S 106/AC ANGLE CUT CYLINDER	S 108/SC DIAMOND	S 109/SC STAR	S 110 BALL
						
						
10x10x03 14x14x05 15x15x04 15x15x06 20x20x08 20x20x10	10x10x03 14x14x05 15x15x04 15x15x06 20x20x08 20x20x10	04x05 04x10 04x15 05x10 05x15 06x06 06x10 06x15 07x10 07x15 08x10 08x15	09x15 10x10 10x15 10x20 13x13 13x25 15x15 15x30 20x20 20x30 20x40 08x15	04x05 04x10 04x15 05x10 05x15 06x06 06x10 06x15 07x10 07x15 08x10 08x15	09x15 10x10 10x15 10x20 13x13 13x25 15x15 15x30 20x20 20x30 20x40	35x18x25 50x30x30 50x40x30 50x40x40
10x10x03 14x14x05 15x15x04 15x15x06 20x20x08 20x20x10	10x10x03 14x14x05 15x15x04 15x15x06 20x20x08 20x20x10	03x10 04x05 04x10 04x15 05x10 05x15 06x08 06x10 06x15 07x10 07x15 08x10 08x15	09x15 10x10 10x15 10x20 13x13 13x25 15x15 15x30 20x20 20x30 20x40	03x10 04x05 04x10 04x15 05x10 05x15 06x08 06x10 06x15 07x10 07x15 08x10 08x15	09x15 10x10 10x15 10x20 13x13 13x25 15x15 15x30 20x20 20x30 20x40	20x08 22x12 30x12 25x12 45x16

Customized media, non-standard sizes and applications, can be produced. Please contact us for details.

PLASTIC GRINDING AND POLISHING MEDIA

Example: P 102 - 28x28x17 GP Grinding class : Medium grinding Size (mm) : axbxc Shape : Parabolic Type : Plastic 			
GRINDING CLASS	SPEC. WEIGHT g/cm³	GRINDING EFFECT	COLOR AND APPEARANCE
P	1,55	Polishing	TRANSPARENT 
KFL / K	1,70	Very fine grinding	BEIGE 
KFL	1,74	Very Fine Grinding	BLUE 
LC	1,79	Fine Grinding	RED 
GP	1,81	Medium Grinding	GREEN 
FC	1,85	Strong Grinding	YELLOW 

P 101 PYRAMID		P 102 PARABOLIC	P 103 CONE	P 104 TRISTAR PYRAMID	P 105 TABLET
					
10x10 15x15			10x10 12x12 15x15 19x19		
10x10 15x15			10x10 12x12 15x15		16x05
10x10 15x15 25x25 30x30 35x35	45x45 60x60 70x70 80x80	28x28x17 38x38x22 50x50x27	10x10 12x12 15x15 19x19 25x19 25x25	17x20 25x30 32x38 50x60	16x05
10x10 15x15 25x25 30x30 35x35	45x45 60x60 70x70 80x80	28x28x17 38x38x22 50x50x27	10x10 12x12 15x15 19x19 25x19 25x25	17x20 25x30 32x38 50x60	16x05
10x10 15x15 25x25 30x30 35x35	45x45 60x60 70x70 80x80	28x28x17 38x38x22 50x50x27	10x10 12x12 15x15 19x19 25x19 25x25	17x20 25x30 32x38 50x60	16x05
10x10 15x15 25x25 30x30 35x35	45x45 60x60 70x70 80x80	28x28x17 38x38x22 50x50x27	10x10 12x12 15x15 19x19 25x19 25x25	17x20 25x30 32x38 50x60	16x05

Customized media, non-standard sizes and applications, can be produced. Please contact us for details.

SURFACE FINISHING LIQUID COMPOUNDS

SURFACE FINISHING LIQUID COMPOUNDS				METALS						
Color	Type	Product Properties	pH- %1	Iron / steel	Stainless Steel	Copper/ Bronze	Aluminum	Xamac	Gold	Silver
	PB 40	Particularly suitable for metals that corrode. Has high level of corrosion prevention.	7,4	• • •	• •					
	PB 60	Has a medium level of corrosion prevention for non-ferrous metals. Foaming property protects delicate components.	8,6		• • •	• • •	• • •	• • •		
	PB 80	Created specifically for precious metals used in jewelry. For use with delicate components.	8,7						• • •	• • •
	KH 10	High level of corrosion protection for corrodible metals leaving lustrous and clean surfaces.	7,6	• • •						
	KH 25	Medium level of corrosion protection. Foaming property protects delicate components leaving clean and lustrous surfaces.	9		• •	• • •	• • •	• • •		
	KH 26	With active acid properties it degreases, derusts, descales with out damaging metal surfaces. For use with all metals.	2,3	• • •	• • •	• • •	• • •	• •		
	KH 40	For specialized use, brings a high level of luster to polished surfaces.	8,8							
	KH 50	For use with non-ferrous metals. Being of medium acidity it produces a high level of luster when used with polishing balls.	3,3		• • •	• • •	• •			
	KH 95	A polishing compound specifically designed with the jewelry trade in mind but can also be used in stainless steel pin polishing processes.	3,7						• • •	• • •
	KYN 73	Used for degreasing ferrous and non-ferrous metals and for neutralizing after acid processes.	11,1	• • •	• •					

- • • Highly suitable
- • Suitable
- Conditionally suitable

Please contact us for details of special processes for metals and other materials not mentioned here e.g. Synthetic materials, wood, natural stone etc.,

NON-METAL		PROCESSES						
Plastic	ABC	Deburring / Grinding / Radiussing	Cleaning	Degreasing / Derusting / Descaling	Polishing / Smoothing	Oxide-tarnish removal	Stainless steel polishing	Corrosion prevention
		• • •	• • •					•
• •	• •	• • •	• • •	•				•
		• • •	• • •					•
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				•	• • •	• • •	• • •	
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SURFACE FINISHING LIQUID COMPOUNDS

SURFACE FINISHING LIQUID COMPOUNDS			METALS						
Type	Product Properties	pH-%1	Iron / steel	Stainless Steel	Copper/ Bronze	Aluminum	Xamac	Gold	Silver
PV 80	Corrosion inhibitor.	8,6	• • •						
Recycling Chemicals	SNT 17	Fine grinding and polishing compound	9,2	• •	• •			• • •	
	SNT 1040	Corrosion protection compound, used for deburring and polishing for iron and steel.	7,4	• • •	• •				
Process Water Precipitation Compounds	ASL 100	Polimers used for the aim of precipitation in waste water treatment system.							
	ASL 312								

- • • Highly suitable
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NON-METAL		PROCESSES						
Plastic	ABC	Deburring / Grinding / Radiussing	Cleaning	Degreasing / Derusting / Descaling	Polishing / Smoothing	Oxide-tarnish removal	Stainless steel polishing	Corrosion prevention
								• • •
		• • •	• • •		• • •	• •		
		• • •	• • •	•	• • •	• •		• •

SURFACE FINISHING POWDER COMPOUNDS

SURFACE FINISHING POWDER COMPOUNDS			METALS							
Type	Product Properties	pH-%1	Iron / steel	Stainless Steel	Copper/ Bronze	Aluminum	Xamac	Gold	Silver	Natural Stone
KYN 70	Cleaning and neutralization powder for ultrasonic washing processes	11,6	• • •	• • •	•	•	•	• • •	• • •	
KYN 71	A neutralization compound with medium level of foaming used for degreasing copper, aluminum and brass.	11,5		• • •	• • •	• • •				
KYN 72	A neutralization compound with medium level of foaming used for degreasing ferrous and other metals.	12	• • •	• •						
KYN 74	Cleaning and degreasing compound for ferrous metals and derivatives.	11,9	• • •							
PP 80	Used in natural stone polishing processes									• • •
PT 10	For use with both ceramic and plastic media in grinding dulling processes.		• • •	• • •	• • •	• • •	• • •			
PC 12	For use with both ceramic and plastic media in rough grinding processes.		• • •	• • •	• •	• •	• •			
PB 24	For use with both ceramic and plastic media in medium grinding processes.	11	• • •	• • •	• •	• •				
PA 40	For use with both ceramic and plastic media in fine grinding processes.		• •	• •	• •	• • •	• • •			

- • • Highly suitable
- • Suitable
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PROCESSES						
Deburring / Grinding / Radiussing	Cleaning	Degreasing / Derusting / Descaling	Polishing / Smooting	Oxide-tarnish removal	Stainless steel polishing	Corrosion prevention
	• • •					
		• • •				
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SURFACE FINISHING PASTE COMPOUNDS

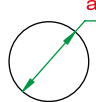
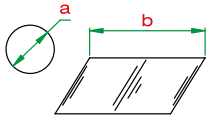
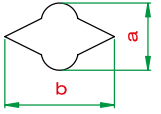
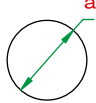
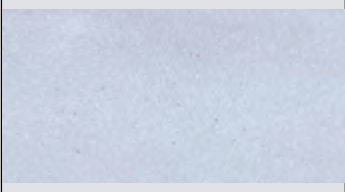
SURFACE FINISHING PASTE COMPOUNDS			METALS						
Type	Product Properties	pH- %1	Iron / steel	Stainless Steel	Copper/ Bronze	Aluminum	Xamac	Gold	Silver
KP 12	Used for smoothing and achieving a sand blast finish.	8,5	• •	• •	• •	• •	• •	• • •	• • •
KP 24	Used for medium level smoothing processes.	9	• •	• •	• •	• •	• •	• • •	• • •
KP 40	Used for fine smoothing processes.	9	• •	• •	• •	• •	• •	• • •	• • •
KP-INP	Used for the highest grade of surface finishing.	4		• • •	• • •			• • •	• • •
KP-ALP	Used for the highest grade of surface finishing.	8,7				• • •	• • •		
KP-IRP	Used for the highest grade of surface finishing.	7,9	• • •						

- • • Highly suitable
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Please contact us for details of special processes for metals and other materials not mentioned here e.g. Synthetic materials, wood, natural stone etc.,

İŞLEMLER						
Plastic / Grinding / Radiussing	Cleaning	Degreasing / Derusting / Descaling	Polishing / Smooting	Oxide-tarnish removal	Stainless steel polishing	Corrosion prevention
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SURFACE FINISHING PERIPHERALS

OTHER POLISHING MEDIA			DESCRIPTION	TYPE	SIZE (mm)
STAINLESS STEEL BALLS			AISI 304 AISI 316 AISI 420	KSB 2 KSB 3 KSB 4	2,7 3,2 3,9
STAINLESS STEEL PINS			AISI 304 AISI 316 AISI 420	KCB 02x10 KCB 03x05 KCB 03x10 KCB 04x05 KCB 04x10	02x10 03x05 03x10 04x05 04x10
SATURN BALLS			AISI 304 AISI 420	ST 3/5 ST 5/7	03x05 05x07
WALNUT SHELL GRANULES			Walnut shell granules are used in various dry polishing and burnishing processes with polishing pastes to achieve the highest grade of luster on metal surfaces.	CG 10 CG 20 CG 30 CG 40 CG 50 CG 60	
GLASS BEADS				KGP 3 KGP 4 KGP 5	3 4 5
DRYING GRANULES					
MAIZE GRANULES			The granules are a natural byproduct processed from corn cobs. Used in the final stages of surface finishing to dry or with polishing pastes for final polishing. Very high level of absorbency and long user life.	MG 6 MG 8 MG 12 MG 16 MG 20 MG 30 MG 60	ca. 3,0 - 4,0 ca. 2,2 - 3,0 ca. 1,5 - 2,0 ca. 0,7 - 1,5 ca. 0,6 - 0,7 ca. 0,3 - 0,6 ca. 0,2 - 0,3
SEPARATOR GRANULES					
SEPARATOR GRANULES			Used during surface finishing to ensure that flat components do not stick together.	PT 20/30 PT 30/40	ca. 0,10 - 0,35 ca. 0,25 - 1,00

For appropriate porcelain media look at the “Ceramic Grinding and Polishing Media” chart on page 4.
And for plastic media please look at the “Plastic Grinding and Polishing Media” chart on page 8.

KROM-X® Process

The rising star of surface finishing



Kromas, is engaged in the sector of surface finishing and develops process studies with an advanced R&D team.

“Surface finishing” is one of the most important process in the industrial manufacturing.

The new Krom-X® processes, developed by Kromas, is taking the surface quality to the highest level.

Krom-X® processes can be used for steel, stainless steel, copper, brass, xamac, gold, silver, plastic, semi precious stones and many other materials.

Please contact us for consultation, sample analysis and customized processing development.

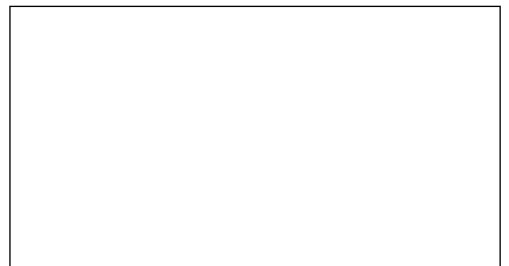


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