

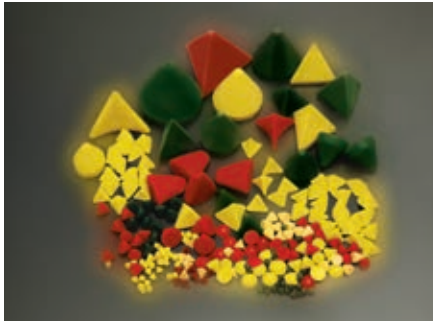
Ceramic
Grinding and
Polishing Media



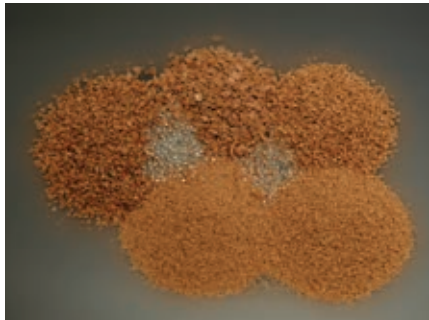
Liquid
Compounds



Plastic
Grinding and
Polishing Media



Powder
Compounds



Compounds for
Recycling Systems



Stainless Steel Balls
Granules and Pastes



Surface Finishing Consumables

About Rösler Kromas:

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

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

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

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

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

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

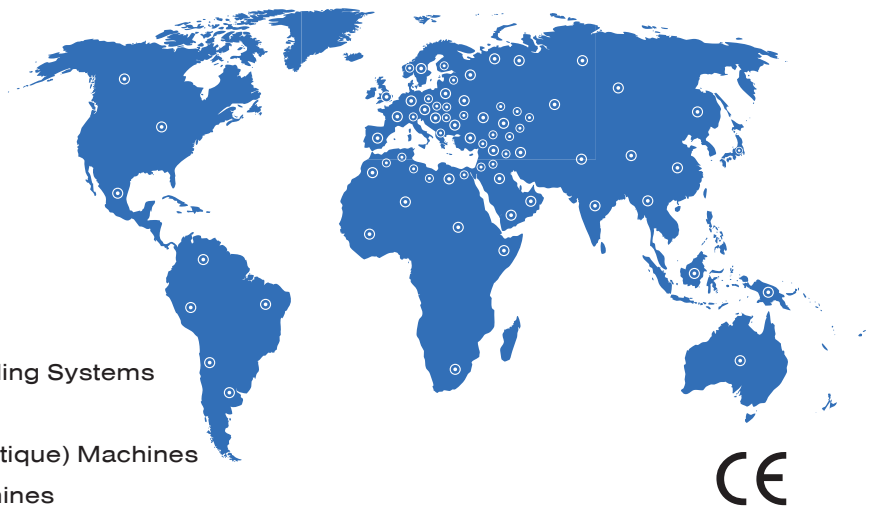
Rösler Kromas's exemplary technical solutions are being monitored and used by many companies.

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

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



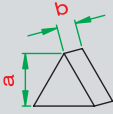
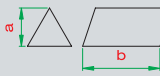
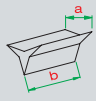
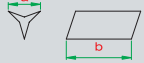
Surface Finishing Consumables

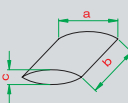
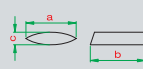
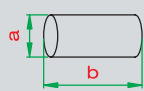
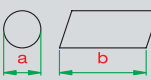
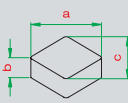
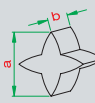
- Ceramic Media
- Porcelain Media
- Plastic Media
- Stainless Steel Media
- Drying and Polishing Granules
- Liquid, Paste and Powder Compounds

**PLEASE CONTACT US FOR CONSULTATION,
SAMPLE ANALYSIS AND CUSTOMIZED
PROCESS DEVELOPMENT.**



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						
						
P	2,90	Porcelain polishing	06x06 08x08 09x09 10x10	06x06	06x06	
LC	2,35	Fine grinding	06x06 06x12 08x08 09x09 10x10 13x13 15x15 15x25 20x20 20x40 25x25 30x30 40x40	06x06 06x12 08x08 09x09 10x10 13x13 15x15 15x25 20x20 20x40 25x25 30x30 40x40	06x06 10x10 16x16 19x19	06x06 10x10 16x16 19x19
GP	2,50	Medium grinding	06x06 08x08 09x09 10x10 13x13 15x15 15x18 15x25 16x16 20x20 20x40 25x25 30x30 40x40	06x06 08x08 09x09 10x10 13x13 15x15 15x18 15x25 16x16 20x20 20x40 25x25 30x30 40x40	06x06 10x10 13x13 16x16 19x19	06x06 10x10 13x13 16x16 19x19

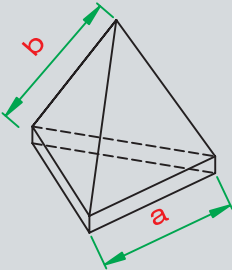
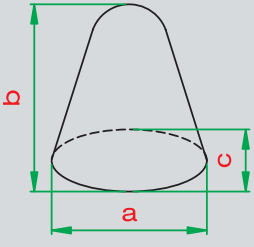
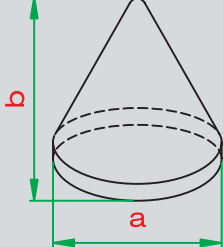
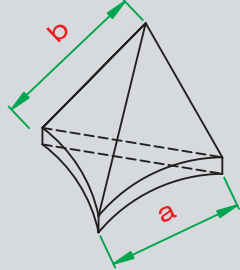
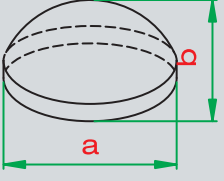
S 105/SC ELLIPSE	S 105/AC ANGLE CUT ELLIPSE	S 106/SC CYLINDER	S 106/AC ANGLE CUT CYLINDER	S 108/SC DIAMOND	S 109/SC STAR	S 110 BALL
						
						
10x10x03 14x14x05 15x15x04 15x15x06 20x20x08 20x20x10	10x10x03 14x14x05 15x15x04 15x15x06 20x20x08 20x20x10	02x05 03x05 03x10 04x05 04x10 04x15 05x10 05x15 06x06 06x10 06x15	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
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	10x05 10x10 15x10 15x15 20x20 35x18x25 50x30x30 50x40x30 50x40x40
						22x12 30x12 35x12 45x16

CERAMIC GRINDING AND POLISHING MEDIA

Example: S 105/SC-15x15x06 SC			S 101/SC TRIANGLE		S 101/AC ANGLE CUT TRIANGLE		S 103/SC TRISTAR		S 103/AC ANGLE CUT TRISTAR	
Grinding class : Super class Size (mm) : axbxc Cut : Straight Shape : Ellipse Type : Ceramic										
GRINDING CLASS		SPEC. WEIGHT g/cm³	GRINDING EFFECT							
UNC	2,52	Medium Hard Grinding	06x06	15x40	06x06	15x40	06x06 10x10 10x15 13x13 16x16 19x19		06x06 10x10 10x15 13x13 16x16 19x19	
			06x12	16x16	06x12	16x16				
			08x08	16x30	08x08	16x30				
			09x09	20x20	09x09	20x20				
			10x10	20x40	10x10	20x40				
			10x15	25x25	10x15	25x25				
			13x13	30x30	13x13	30x30				
			15x15	40x40	15x15	40x40				
			15x25		15x25					
HC	2,54	Very Strong	06x06	15x40	06x06	15x40	06x06 10x10 10x15 13x13 16x16 19x19		06x06 10x10 10x15 13x13 16x16 19x19	
			06x12	16x16	06x12	16x16				
			08x08	16x30	08x08	16x30				
			09x09	20x20	09x09	20x20				
			10x10	20x40	10x10	20x40				
			10x15	25x25	10x15	25x25				
			13x13	30x30	13x13	30x30				
			15x15	40x40	15x15	40x40				
			15x25		15x25					
SC	2,60	Extremely Strong	06x06	15x40	06x06	15x40	06x06 10x10 10x15 13x13 16x16 19x19		06x06 10x10 10x15 13x13 16x16 19x19	
			06x12	16x16	06x12	16x16				
			08x08	16x30	08x08	16x30				
			09x09	20x20	09x09	20x20				
			10x10	20x40	10x10	20x40				
			10x15	25x25	10x15	25x25				
			13x13	30x30	13x13	30x30				
			15x15	40x40	15x15	40x40				
			15x25		15x25					
MER	2,51	For Marble	16x16							
			20x20							
			25x25							
			30x30							
			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	04x05 04x10 04x15 05x10 05x15 06x06 06x10 06x15 07x10 07x15 08x10 08x15	35x18x25 50x30x30 50x40x30 50x40x40	20x08 22x12 30x12 25x12 45x16
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	35x18x25 50x30x30 50x40x30 50x40x40	20x08 22x12 30x12 25x12 45x16
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	35x18x25 50x30x30 50x40x30 50x40x40	20x08 22x12 30x12 25x12 45x16
		13x25 15x20 15x30 20x30				

PLASTIC GRINDING AND POLISHING MEDIA

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 35x35	45x45 60x60 70x70 80x80	28x28x17 38x38x22 50x50x27	10x10 12x12 15x15 19x19 25x19 25x25	30x30 40x40 50x50 60x60	17x20 25x30 32x38 50x60	16x05
10x10 15x15 25x25 35x35	45x45 60x60 70x70 80x80	28x28x17 38x38x22 50x50x27	10x10 12x12 15x15 19x19 25x19 25x25	30x30 40x40 50x50 60x60	17x20 25x30 32x38 50x60	16x05
10x10 15x15 25x25 35x35	45x45 60x60 70x70 80x80	28x28x17 38x38x22 50x50x27	10x10 12x12 15x15 19x19 25x19 25x25	30x30 40x40 50x50 60x60	17x20 25x30 32x38 50x60	16x05
10x10 15x15 25x25 35x35	45x45 60x60 70x70 80x80	28x28x17 38x38x22 50x50x27	10x10 12x12 15x15 19x19 25x19 25x25	30x30 40x40 50x50 60x60	17x20 25x30 32x38 50x60	16x05

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

SURFACE FINISHING LIQUID COMPOUNDS

TYPE		PB 40	PB 60	PB 80	KH 10	KH 25
PRODUCT PROPERTIES		Particularly suitable for metals that corrode. Has high level of corrosion prevention.	Has a medium level of corrosion prevention for non-ferrous metals. Foaming property protects delicate components.	Created specifically for precious metals used in jewelry. For use with delicate components.	High level of corrosion protection for corrodible metals leaving lustrous and clean surfaces.	For use with non-ferrous metals. Medium level of corrosion protection. Foaming property protects delicate components leaving clean and lustrous surfaces.
PH - %1		8,6	8,9	8,8	8,5	9,0
METALS	Iron/steel	• • •			• • •	
	Stainless Steel	• •	• • •			• •
	Copper/Bronze		• • •			• •
	Aluminum		• • •			• • •
	Xamac		• • •			• • •
	Gold			• • •		
	Silver			• • •		
NON - METAL	Plastics		• •			
	ABC		• •			
PROCESSES	Deburring/Grinding/Radiussing	• • •	• • •	• • •		
	Cleaning	• • •	• • •	• • •		
	Degreasing/ Derusting/ Descaling		•			
	Polishing/Smoothing				• • •	• • •
	Oxide-tarnish removal					• • •
	Stainless steel polishing					
	Corrosion prevention	• •			• •	

- • • 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.,

KH 26	KH 40	KH 50	KH 95	KYN 73	PV80	SNT 17	K-GS 75
With active acid properties it degreases, derusts, descales with out damaging metal surfaces. For use with all metals. Can also be used to clean polishing and grinding media.	For specialized use, brings a high level of luster to polished surfaces.	For use with non-ferrous metals. Being of medium acidity it produces a high level of luster when used with polishing balls.	A polishing compound specifically designed with the jewelry trade in mind but can also be used in stainless steel pin polishing processes.	Used for degreasing ferrous and non-ferrous metals and for neutralizing after acid processes.	Corrosion inhibitor.	Fine grinding and polishing compound	A multi-purpose compound suitable for all types of ferrous and non-ferrous metals.
1,7	8,8	3,5	4,0	13,5	8,6	1,2	9,2
• • •				• • •	• • •	• •	• •
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SURFACE FINISHING POWDER COMPOUNDS

TYPE		KYN 70	KYN 71	KYN 72	KYN 74	PP 80	PT 10	PC 12	PB 24	PA 40
PRODUCT PROPERTIES		Cleaning and neutralization powder for ultrasonic washing processes.	A neutralization compound with medium level of foaming used for degreasing copper, aluminum and brass.	A neutralization compound with medium level of foaming used for degreasing ferrous and other metals.	Cleaning and degreasing compound for ferrous metals and derivatives.	Used in natural stone polishing processes.	For use with both ceramic and plastic media in grinding dulling processes.	For use with both ceramic and plastic media in rough grinding processes.	For use with both ceramic and plastic media in medium grinding processes.	For use with both ceramic and plastic media in fine grinding processes.
pH - %1		11,0		11,5	11,25		8,0	9,5	9,0	8,0
METALS	Iron/steel	• • •		• • •	• • •		• • •	• • •	• • •	• •
	Stainless Steel	• • •		• •			• • •	• • •	• • •	• •
	Copper/Bronze	•	• • •				• • •	• •	• •	• •
	Aluminium	•	• • •				• • •	• •	• •	• • •
	Xamac	•					• • •	• •	• •	• • •
	Gold	• • •								
	Silver	• • •								
	Natural Stone					• • •				
PROCESSES	Deburring/Grinding/Radiussing						• • •	• • •	• • •	
	Cleaning	• • •		• • •	• • •		• •	• •	• •	
	Degreasing/Derusting/Descaling			• • •	• • •					
	Polishing/Smoothing					• • •				• • •
	Oxide-tarnish removal									
	Stainless steel polishing									
	Corrosion prevention									

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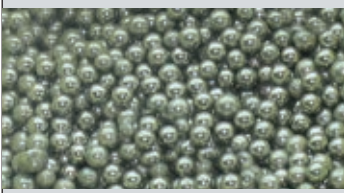
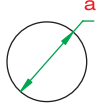
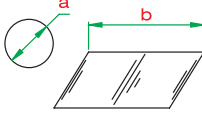
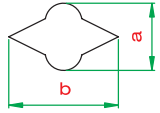
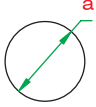
SURFACE FINISHING PASTE COMPOUNDS

TYPE		KP 80	KP 12	KP 24	KP 40	KP-INP	KP-ALP	KP-IRP
PRODUCT PROPERTIES		Used in the drying process after grinding ensuring a high luster on the finish.	Used for smoothing and achieving a sand blast finish.	Used for medium level smoothing processes.	Used for fine smoothing processes.	Used for the highest grade of surface finishing.	Used for the highest grade of surface finishing.	Used for the highest grade of surface finishing.
pH - %1		10	8,5	9,0	9,0	3,0	8,5	8,0
METALS	Iron/Steel		• •	• •	• •			• • •
	Stainless Steel	• • •	• •	• •	• •	• • •		
	Copper/ Bronze	• • •	• •	• •	• •	• • •		
	Aluminum		• •	• •	• •		• • •	
	Xamac		• •	• •	• •		• • •	
	Gold	• • •	• • •	• • •	• • •	• • •		
	Silver	• • •	• • •	• • •	• • •	• • •		
PROCESSES	Deburring/ Grinding/ Radiussing		• • •	• • •	• • •			
	Cleaning							
	Degreasing/ Derusting/ Descaling							
	Polishing/ Smoothing	• • •				• • •	• • •	• • •
	Oxide-tarnish removal							
	Stainless steel polishing							
	Corrosion prevention							

- • • 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.,

SURFACE FINISHING PERIPHERALS

OTHER POLISHING MEDIA			DESCRIPTION	TYPE	SIZE (mm) axb
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	
CAM BİLYA				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



Rösler 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 Rösler 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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