

# Consumables



Mass Finis	shing	Shot Blasting	AM Solutions
High-performance e and innovative tech productive and cos	equipment nologies – t-effective	Customer-oriented equipment technology and intelligent process solutions – long-lasting and energy-efficient	Comprehensive solutions fo additive manufacturing, especially 3D post processin equipment
	>80	More than 80 years of <b>experience</b>	
	<b>\</b>	<b>15</b> locations – over <b>150</b> distributors – over <b>1,500</b> employees <b>across the g</b>	lobe
		Worldwide <b>Customer Experience</b>	Center
		More than <b>15,000</b> different types of media and con	npounds
	24h	Our technical service – <b>round-the-clock support</b>	
(	RÖSLERACADEMY Technology, Training, Innovation.	<b>Transfer of professional knowled</b>	lge

by certified trainers

#### Overview

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Customer Experience Center
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Plastic Media Product Rage
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Liquid Compounds
Recirculation Compounds
Grinding Pastes
Polishing Pastes
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Auxiliary Mass Finishing Media and Process Additives
Process Water Cleaning



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# MEDIA AND COMPOUNDS

In addition to our machine program, we also offer the most comprehensive range of media and compounds in the world. All our consumable products have been developed and produced in-house with "Made in Germany" quality. With over 80 years of

experience in the field of surface finishing we can provide our customers with tailormade processes for new applications and solutions for product improvement and cost reductions.

#### Stable and repeatable finishing processes are our specialty.



The world's largest range of media and compounds With around 15,000 products our portfolio of consumables is the largest in the world. It includes ceramic and plastic grinding and polishing media, compounds and process water cleaners. All our consumables can be individually adapted to the needs and requests of our customers.





Our ceramic media production

#### Excellent product availability

to our customers.

**Customer Experience Center** 

# CUSTOMER EXPERIENCE CENTER MASS FINISHING

A major strength of the Rösler business approach is that we branches have their own Customer Experience Centers (CEC), look at all aspects of a finishing task. The equipment and equipped with the latest finishing equipment. To investigate the various finishing possibilities, in our CEC we the processes are individually tailored to the respective finishing requirements, but also to their optimal integration into the are conducting processing trials with the work pieces of our customer's manufacturing operation. Most of the Rösler sales respective customers.



#### Process development and process optimization

Our all-around approach guarantees perfect finishir solutions. This includes processing trials, process develop ment, selection of the right machinery and a professional after sales service.

In our CEC, equipped with ultra-modern equipment, we can ru practically any mass finishing process.

#### Product development and optimization

The enormous depth of the Rösler product range, CEC around the world and our well-equipped laboratory at the Untermerzbach location in Germany are an excellent basis for the development of innovative and cost-efficient products in the field of mass finishing.

#### Quality

Our production complies with the most stringent environmental standards and is subject to strict quality controls per DIN EN ISO 9001 and 50001.



State-of-the-art physical and chemical measuring equip-
ment represents a vital tool for process development and
optimization.
The entire focus of our specialists in the engineering and
R & D departments is on developing tailormade finishing
solutions.

All our products, be it consumables, finishing equipment, vibratory motors, process water cleaning centrifuges, as well as work piece handling systems and post processing equipment like dryers, are **developed and manufactured** in-house. Such a high manufacturing depth is unparalleled in our industry.

# **SELECTION CRITERIA FOR ROSLER CONSUMABLES**

#### Mass Finishing

Special Processes

Deburring | Rough grinding | Fine grinding | Smoothing | Polishing | Radiusing | Cleaning | Degreasing | Descaling | Corrosion Protection | Rust Removal | Ball Burnishing | Pressure Deburring

Media S		surface finish. The type and make up of the bonding agent, the type, amount, and size of abrasive as well as the manufacturing parameters determines how the composition perfoms. Polishing and fine finishing compositions are usually available in small to medium sizes, fast cutting compositions are available in small to large sizes.	Keramo-Finish*	Compound	This processes.
	Shape	The shape of the component to be finished determines the shape of the media required. The correct fit between media and component ensures that all surface areas are finished consistently and there is no lodging of the media. The shape of the media also has an effect on the performance. Angled and edged shapes are more aggressive than rounded shapes	Ball Burnishing and Pressure Deburring	Media	Stainless st the surface
	Size	Size and weight are key factors in determining performance. Large, heavy media cuts more aggressively and leaves a rougher surface; small, lightweight media is less aggressive and more suitable for smoother surface requirements. Smaller media will provide better coverage. During the process a working mix is established that consists of a range of media sizes.	Dry Polishing	Media	Rosler polis with dry po
	Bulk Density	Depends of shape, size and composition of media.			
	Separating	Once the process is finished, the media must be separated completely from the components. Screening is the most common method of separation, requiring that the	ISF <sup>®</sup> Chemically Accelerated Finishing	Compound	Special high Specialty co
		magnetically. Inverse separation may be used in cases where the media is larger than the components. Custom solutions can be developed to meet individual requirements.			
Compound Type	Type	<ul> <li>The surface finishing compound is an important part of the finishing process, and the right compound makes the difference between a good surface finish and a great surface finish.</li> <li>Compounds keep the surfaces of the components and media clean, and can also provide corrosion protection and/or degreasing.</li> <li>In order to determine the right compound for the process you must consider: <ul> <li>the material of the component</li> <li>the required surface finish</li> <li>he individual application and process requirements</li> <li>the method of waste water treatment or recycling</li> </ul> </li> <li>Due to the ease of dosing, liquid compounds are most widely used with modern finishing systems. Powder compounds are recommended for special applications such as shock</li> </ul>			
		degreasing and media cleaning.	For processing yo	our components, w	ve manufacture a
Other aspects to consider	Adhesion Prevention	Adding Rosler's RAT anti-adhesion balls to the surface finishing process prevents flat and thin parts from sticking to one another and ensures that all sides of all parts will be finished consistently.	Rotary vibrators Centrifugal disk f	Tub vibrators   C inishing machine	ontinuous Flow i Drag grinding in
	Grinding Additive	To enhance the grinding performance of media in certain applications, a grinding additive	Catalogues are	available upon re	auest.



nd RCP ceramic media with minimum abrasion are used for the finishing and polishing

process requires a combination of Keramo-Finish RSP and RPP pastes, followed by er FC and ZF series compounds for rinsing off the pastes and final polishing.

less steel media (RESK, RESA or SAT) is used to burnish or pressure-deburr parts in urface finishing system.

eries ball burnishing compounds are used to provide optimum results.

er polishing media SV and SVK series are used for this process. They are pre-treated dry polishing pastes.

er dry polishing pastes - RPP 7 and RSP 7 series.

ial high density ceramic ISF media.

ialty compound for chemically accelerated finishing.



cture a complete line of surface finishing equipment:

Flow installations | Rotomatics | Long Radius | Plunge finisher | ding installations | Drying machines

# **CERAMIC MEDIA PRODUCT RANGE**

Rosler ceramic media is manufactured to exacting standards. With over 6 decades of experience in ceramic manufacturing we control all aspects of the media manufacturing process from body preperation to shaping and finishing. Starting with specially selected raw materials, the materials are mixed, milled, formed and fired in fully-automated state-of-the-art kilns to ensure consistent quality, and continuously reproducible results. Rosler has been producing high-quality ceramic media for over 60 years, and has the experience and the technology to ensure that our media is capable of finishing components to the highest standards, balancing quality and production costs.



## Available Compositions

Composition	on Finish Cut Typical Applications						
RP	Polished	None	High gloss polishing, KeramoFinish				
RF	Very fine	Very low	Polishing				
RHD	Very fine	Very low	Polishing, chemically accelerated finising, cleaning, high density media				
RCP	Very fine	Very low	Light deburring in high energy applications, chemically accelerated finishing, high density media				
RM	Fine	Low	Light deburring, brightening, cleaning				
RPM	Fine	Low	Light deburring, deflashing of die castings				
RS	Medium	Medium	General purpose deburring, bright finish				
RSG	Medium	Fast	General purpose deburring, soft metals				
RXF	Fine	Fast	Fine finishing, cut-down before polishing process				
RX	Coarse	Fast	Fast general purpose deburring, all metals				
RMD/D1	Fine	Very fast	Cut-down for hard metals before polishing process				
RXX	Coarse	Very fast	Fast deburring for hard metals				
RXXD	Coarse	Ultra fast	Ultra-fast deburring for hard metals				

## Ceramic Media Capabilities

Rosler offers the widest range of ceramic media in the world. Our in house production allows us to make almost any media shape or length. There are limits to what can be done and what makes sense. If you cannot find the right size in this catalog, please contact your representative or a member of the Rosler Sales team for assistance in determining the optimum media for your application.

The opposite page shows Rosler's available shapes and sizes for ceramic media. For your convenience we list both metric and imperial sizes on our labels. Some items are manufactured at Rosler Germany. Please note that all dimensions are nominal. Manufacturing tolerances apply to all dimensions.





Metric dimensions are in mm and imperial dimensions are in inches.

Shape	Measure- ment			Available Sizes ("a" dimension)	Available Length				
		mm	D	02, 03, 04, 05, 06, 07, 08, 09, 10, 13, 15, 20, 22, 25, 30, 40, 45, 50	0.5 to 2.5 x "a"				
			scт	3/32, 1/8, 5/32, 3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1-1/8, 1-5/8, 1-3/4, 2					
		mm	F	08, 10, 15, 20, 30	1 × ">"				
		in	т	5/16, 3/8, 5/8, 3/4, 1-1/8	i x a				
				02, 03, 04, 05, 06, 07, 08, 09, 10, 13, 15, 20, 22, 25, 30, 40, 45, 50	0.5 to 2.5 x "a"				
		in	АСТ	0.0 to 2.0 x u					
		mm	z	1.7, 02, 03, 04, 05, 06, 07, 08, 09, 10, 12, 14, 15, 17, 20, 22, 25, 30	0.5 to 2.5 x "a"				
		in	scc	1/15, 3/32, 1/8, 5/32, 3/16 ,1/4, 9/32, 5/16 ,11/32, 3/8, 1/2, 9/16 , 5/8, 11/16, 3/4, 7/8, 1, 1-1/8					
		mm	ZS	1.5, 1.7, 02, 03, 04, 05, 06, 07, 08, 09, 10, 12, 14, 15, 17, 20, 22, 25, 30	0.5 to 2.5 x "a"				
1		in ACC 1/17, 1/15, 3/32, 1/8, 5/32, 3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8, 1,							
	mm		mm		QZ	08, 10, 12.5, 15, 20, 22, 25, 38, 50	1 1 x "a"		
	200 × 10	in TC 5/16, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1-1/2, 2							
		mm	E 08/xx/03, 15/xx/06, 15/xx/08, 20/xx/08, 20/xx/10, 25/xx/10, 25/xx/13		1 to 1.5 x "a"				
	$\bigcirc$	in	SCE	5/16, 5/8, 5/8, 3/4, 3/4, 1, 1					
		mm	ES	08/xx/03, 15/xx/06, 15/xx/08, 20/xx/08, 20/xx/10, 25/xx/10, 25/xx/13	1 to 1.5 x "a"				
	<u> </u>	in	ACE	5/16, 5/8, 5/8, 3/4, 3/4, 1, 1					
	a so	mm	DZ	03, 04, 06, 08, 10, 15, 20, 25, 30	05to15x"a"				
		in	SC- TRI	1/8, 5/32, 1/4, 5/16, 3/8, 5/8, 3/4, 1, 1-1/8	0.5 (0 1.5 × a				
	a l	mm	DZS	04, 06, 08, 10, 15, 20, 25, 30, 35	0.5. 4.5. ""				
		in	AC- TRI	5/32, 1/4, 5/16, 3/8, 5/8, 3/4, 1, 1-1/8, 1-3/8	0.5 to 1.5 x "a"				
	2	mm	w	10, 15, 20	0.6 + 1 + + +				
		in	ARR	3/8, 5/8, 3/4	0.6 to 1 x "a"				
		mm	Р	15, 25, 30, 35, 40, 45	p/2				
	N/	in	TET	3/4, 1-1/8, 1-3/8, 1-5/8, 1-3/4	11/d				
		mm	к	19, 30, 35, 40, 45, 60	n/a				
	03	in	ттс	3/4, 1-1/8, 1-3/8, 1-5/8, 1-3/4, 2-3/8					
220	Imm         G         1.2, 02, 03, 04, 05, 06, 08, 11		1.2, 02, 03, 04, 05, 06, 08, 11	n/a					
		in	BLS	1/21, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 7/16					



#### **CERAMIC MEDIA**

#### For further dimensions, see pages 8-9, if you would like a current stock list, please contact your Rosler Sales Representative.

Metric	Quality	Measurement	Shape
Ordering Example:	RX	15/15	S
OR			
Imperial	Quality	Measurement	Shape
Ordering Example:	RX	5/8 x 5/8	ACT

Composition	Approx. Bulk Density lbs/ft³	Grinding Performance	Grinding Result
RP	115		
RF	95		ور می ورو مرکز می ورو و می ورو می و می ورو می و می ورو می و می
RHD	140		ayunah waxaa uu jibiyaa
RCP	145		. د. بریاداند. بالا
RM	98		
RPM	98		aporto Consortinada
RS	100		www

Triangl	e Straight Cut	Tri Rou	angle unded	Triang	gle Angle Cut	Cylinc	ler Straight Cut	Cylinde	r Angle Cut	Tri Cyl		Ellips	e Straight Cut	Ellips	e Angle Cut	Trista	ar Straight Cut	Tristar	Angle Cut	Arro	whead	Pyra Tetrah	amid nedron	Co	ne		Balls
								6		C				Å													
a		- - -		a		g 🗌		<i>a</i>	b	(a)	<u>}</u>	¢		4		~ <u>[]</u>	>° (T)	ro						°	à		ea
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
<b>D</b>	SCT	F	Т	S	ACT	Z	SCC	ZS	ACC	QZ	тс	E	SCE	ES	ACE	DZ	SCTRI	DZS	ACTRI	W	ARR	Р	TET	к	CN	G	BLS
04/04 06/06 10/10	5/32 x 5/32 1/4 x 1/4 3/8 x 3/8			04/10 06/10 10/15	5/32 x 3/8 1/4 x 3/8 3/8 x 5/8			1.5/05 02/05 03/05 04/05 05/10 06/10	1/32 x 3/16 3/32 x 3/16 1/8 x 3/16 5/32 x 3/16 3/16 x 3/8 1/4 x 3/8																	02 02/04 04	3/32 3/32 x 5/32 5/32
06/06 10/10	1/4 x 1/4 3/8 x 3/8			08/08 10/06	5/16 x 5/16 3/8 x 1/4			06/10 10/15 20/40	1/4 x 3/8 3/8 x 5/8 3/4 x 1-3/4					15/15/06 20/20/10	5/8 x 5/8 x 1/4 3/4 x 3/4 x 3/8	04/04 06/06 10/10	5/32 x 5/32 1/4 x 1/4 3/8 x 3/8										
06/06 09/09 15/15*	1/4 x 1/4 11/32 x 11/32 5/8 x 5/8			09/09 15/10 15/15 20/12 30/13 40/20	11/32 x 11/32 5/8 x 3/8 5/8 x 5/8 3/4 x 1/2 1-1/8 x 1/2 1-5/8 x 3/4			05/10 06/13 10/15	3/16 x 3/8 1/4 x 1/2 3/8 x 5/8	12.5 15	1/2 5/8	08/09/03	5/16 x 11/32 x 1/8	15/22/06	5/8 x 7/8 x 1/4			10/12 15/06	3/8 x 1/2 5/8 x 1/4								
03/03 06/06 09/09	1/8 × 1/8 1/4 × 1/4 11/32 × 11/32			06/10 09/09 15/18 40/15	1/4 x 3/8 11/32 x 11/32 5/8 x 3/4 1-5/8 x 5/8			02/05 03/05 04/05 04/10 06/10 10/15	3/32 x 3/16 1/8 x 3/16 5/32 x 3/16 5/32 x 3/8 1/4 x 3/8 3/8 x 5/8							04/04 06/06 10/10	5/32 x 5/32 1/4 x 1/4 3/8 x 3/8										
15/10 20/20	5/8 x 3/8 3/4 x 3/4			06/10 10/06 15/18 25/25 45/45	1/4 x 3/8 3/8 x 1/4 5/8 x 3/4 1 x 1 1-3/4 x 1-3/4			02/05 04/10 12/20 15/15 20/40	3/32 x 3/16 5/32 x 3/8 1/2 x 3/4 5/8 x 5/8 3/4 x 1-3/4	15	5/8	15/20/08	5/8 x 3/4 x 5/16			06/06 10/10	1/4 x 1/4 3/8 x 3/8	10/12 30/12	3/8 x 1/2 1-1/8 x 1/2	15/10	5/8 x 3/8	15 30 40	5/8 1-1/8 1-5/8	30 40	1-1/8 1-5/8		
15/15 25/25	5/8 x 5/8 1 x 1	20/20	3/4 x 3/4	09/09 20/10 30/13	11/32 x 11/32 3/4 x 3/8 1 1/8 x 3/4			05/10 10/20 15/30	3/16 x 3/8 3/8 x 3/4 5/8 x 1-1/8	15 25	5/8	15/15/06	5/8 x 5/8 x 1/4	15/22/08	5/8 x 7/8 x 5/16			10/06 15/07 30/10	3/8 x 1/4 5/8 x 9/32 1-1/8 x 3/8								
04/04 06/06 10/10 15/10 15/18 22/22 25/25	5/32 × 5/32 1/4 × 1/4 3/8 × 3/8 5/8 × 3/8 5/8 × 3/4 7/8 × 7/8 1 × 1			13/13 15/18 20/20 30/13 30/30 40/15	1/2 x 1/2 5/8 x 3/4 3/4 x 3/4 1-1/8 x 1/2 1-1/8 x 1/2 1-5/8 x 5/8	06/10 10/20 15/30	1/4 x 3/8 3/8 x 3/4 5/8 x 1-1/8	03/05 04/10 05/10 06/13 08/15 10/20 12/22 15/20 17/40 25/25	1/8 x 3/16 5/32 x 3/8 3/16 x 3/8 1/4 x 1/2 5/16 x 5/8 3/8 x 3/4 1/2 x 7/8 5/8 x 3/4 11/16 x 1-5/8 1 x 1	10 12.5 15 25 38	3/8 1/2 5/8 1 1-1/2			15/15/06	5/8 x 5/8 x 1/4	04/04 06/06 10/10	5/32 x 5/32 1/4 x 1/4 3/8 x 3/8	06/13 10/12 15/07 20/10	1/4 x 1/2 3/8 x 1/2 5/8 x 9/32 3/4 x 3/8			15 30 40	5/8 1-1/8 1-5/8	19 30 40	3/4 1-1/8 1-5/8	06 02 02/04 04	1/4 3/32 3/32 x 5/32 5/32

Metric dimensions are in mm and imperial dimensions are in inches, conversion from metric to imperial may result in a deviation of up to .004 inches or 1 mm.



#### **CERAMIC MEDIA**

#### For further dimensions, see pages 8-9, if you would like a current stock list, please contact your Rosler Sales Representative.

1	Metric	Quality	Measurement	Shape
(	Ordering Example:	RX	15/15	S
0	R			
I	mperial	Quality	Measurement	Shape
(	Ordering Example:	RX	5/8 x 5/8	ACT

Shape

				Ž	
				_	L
Composition	Approx. Bulk Density lbs/ft <sup>3</sup>	Grinding Performance	Grinding Result	Designation	
RSG	98		, with the foreign the	_	
RXF	103		and from		
RX	102		station and to		
RMB/D1	100		verstation and the		
RXX	105		W		
RXXD	105		pur hand the		

Triangle	Straight Cut	Tria Rou	angle unded	Triang	e Angle Cut	Cy Stra	rlinder ight Cut	Cylinde	r Angle Cut	Tri	Cyl	Ellipse	e Straight Cut	Ellipse	e Angle Cut	T Stra	ristar aight Cut	Tristar	Angle Cut	Arro	whead	Pyra Tetrah	mid edron	Со	ne	E	- 3alls
								0		0				4						4						-	<b>2</b> 9.
a	°	- g +		•		<sup>8</sup>		eg 🚺	b	le a X		,		4	a o	σ	>° T	т						0		Į	°3
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
D	SCT	F	т	S	ACT	Z	SCC	ZC	ACC	QZ	тс	E	SCE	ES	ACE	DZ	SCTRI	DZS	ACTRI	w	ARR	Р	TET	К	CN	G	BLS
02/02 03/03 04/04 06/06 10/10 15/15	3/32 x 3/32 1/8 x 1/8 5/32 x 5/32 1/4 x 1/4 3/8 x 3/8 5/8 5/8	10/10 15/15	3/8 x 3/8 5/8 5/8	06/10 10/10 15/15 20/20 25/25	1/4 x 3/8 3/8 x 3/8 5/8 x 5/8 3/4 x 3/4 1 x 1			03/05 03/10 04/10 05/10 07/15 12/20	1/8 x 3/16 1/8 x 3/8 5/32 x 3/8 3/16 x 3/8 9/32 x 5/8 1/2 x 3/4	25 50	1 2			15/15/06 20/20/10	5/8 x 5/8 x 1/4 3/4 x 3/4 x 3/8	04/04 06/06 10/10	5/32 x 5/32 1/4 x 1/4 3/8 x 3/8										
06/06 10/10 15/10 15/15	1/4 x 1/4 3/8 x 3/8 5/8 x 3/8 3/8 x 3/8			06/06 10/06 10/15 15/18	1/4 × 1/4 3/8 × 1/4 3/8 × 5/8 5/8 × 3/4			05/10 08/15	3/16 x 3/8 5/16 x 5/8	08	5/16	08/09/03	5/16 x 11/32 x 1/8	15/22/06	5/8 x 7/8 x 1/4			10/12 15/06	3/8 x 1/2 5/8 x 1/4								
04/04 05/05 10/10	5/32 x 5/32 3/16 x 3/16 3/8 x 3/8	15/15 20/20	5/8 x 5/8 3/4 x 3/4	06/10 08/08 10/15 15/15 20/10 20/20 25/25 30/12 40/15 40/20	1/4 x 3/8 5/16 x 5/16 3/8 x 5/8 5/8 x 5/8 3/4 x 3/8 3/4 x 3/4 1 x 1 1-1/8 x 1/2 1-5/8 x 5/8 1-5/8 x 3/4	06/12	1/4 x 1/2	03/05 05/08 07/15 08/15 10/20 12/25 15/20 22/40 30/40	1/8 x 3/16 3/16 x 5/16 9/32 x 5/8 5/16 x 5/8 3/8 x 3/4 1/2 x 1 5/8 x 3/4 7/8 x 1-5/8 1-1/8 x 1-5/8	10 12.5 15 25 38	3/8 1/2 5/8 1 1-1/2					04/04 06/06 10/10	5/32 x 5/32 1/4 x 1/4 3/8 x 3/8										
06/06 10/10	1/4 x 1/4 3/8 x 3/8			10/10 13/13 15/18	3/8 × 3/8 1/2 × 1/2 5/8 × 3/4			05/10 07/15 10/20	3/16 x 3/8 9/32 x 5/8 3/8 x 3/4	08	5/16	15/20/08	5/8 x 3/4 x 5/16			06/06	1/4 x 1/4 3/8 x 3/8	10/12 30/12	3/8 x 1/2 1-1/8 x 1/2	15/10	5/8 × 3/8	15 30 40	5/8 1-1/8 1-5/8	30 40	1-1/8 1-5/8		
06/06 10/10 15/10 15/15	1/4 x 1/4 3/8 x 3/8 5/8 x 3/8 5/8 x 5/8	15/15 20/20	5/8 x 5/8 3/4 x 3/4	06/10 10/10 15/15 15/18 22/10 22/22 25/30	1/4 x 3/8 3/8 x 3/8 5/8 x 5/8 5/8 x 3/4 7/8 x 3/8 7/8 x 7/8 1 x 1-1/8	05/04 06/10 10/20 15/30	3/16 x 5/32 1/4 x 3/8 3/8 x 3/4 5/8 x 1-1/8	04/05 05/10 07/15 10/20 15/20 20/20	5/32 x 3/16 3/16 x 3/8 9/32 x 5/8 3/8 x 3/4 5/8 x 3/4 3/4 x 3/4	15 25 38 50	5/8 1 1-1/2 2	15/15/06	5/8 x 5/8 x 1/4	15/22/08	5/8 x 7/8 x 5/16			10/06 15/07 30/10	3/8 x 1/4 5/8 x 9/32 1-1/8 x 3/8								
10/10	3/8 x 3/8			10/10 13/13	3/8 x 3/8 1/2 x 1/2	06/10 10/20 15/30	1/4 x 3/8 3/8 x 3/4 5/8 x 1-1/8	06/10 07/15	1/4 x 3/8 9/32 x 5/8	25	1			15/15/06	5/8 x 5/8 x 1/4	04/04 06/06 10/10	5/32 x 5/32 1/4 x 1/4 3/8 x 3/8	06/13 10/12 15/07 20/10	1/4 x 1/2 3/8 x 1/2 5/8 x 9/32 3/4 x 3/8			15 30 40	5/8 1-1/8 1-5/8	19 30 40	3/4 1-1/8 1-5/8	06	1/4

Metric dimensions are in mm and imperial dimensions are in inches, conversion from metric to imperial may result in a deviation of up to .004 inches or 1 mm.



# **PLASTIC MEDIA PRODUCT RANGE**

Our standards are no less exacting for our plastic media. Where others follow, we continuously improve our production processes to stay in the lead. The entire production process, mixing to forming to curing is totally automated. The process is computer controlled and continuously monitored. All shapes and sizes of our finishing media are cured. This allows us to increase quality further, and is a requirement for ensuring consistent wear and cutting performance, and above all, reproducible results during the finishing process.



	Co	one	Act	ual Dimensions	mm	Ac	tual Dimensions	in
	К	CN	а	b	с	a	b	с
	08	5/16	7	10		9/32	3/8	
	10	3/8	10	10		3/8	3/8	
b	14	9/16	14	19		9/16	3/4	
	16	5/8	16	16		5/8	5/8	
	20	3/4	20	20		3/4	3/4	
a	25	1	25	25		1	1	
	30	1-1/4	31	30		1-1/4	1-1/4	
	40	1-5/8	42	42		1-5/8	1-5/8	
	50	2	50	55		2	2-1/8	
	Cone (Rou	unded Top)	Act	ual Dimensions	mm	Ad	tual Dimensions	in
Þ	KR	RTC	а	b	с	а	b	с
	14	9/16	14	13		9/16	1/2	
ka →	19	3/4	19	17		3/4	11/16	
	Pyramid (T	etrahedron)	Act	tual Dimensions	mm	A	ctual Dimensions	in
	P	TFT	a	h	C	a	b	
	10	3/8	10			3/8		
A	12	1/2	12			1/2		
~	20	3/4	20			3/4		
A A	30	1-1/4	30			1-1/4		
a	40	1-5/8	40			1-5/8		
	50	2	50			2		
	60	2-3/8	60			2-3/8		
	80	3-1/8	80			3-1/8		
			Ac	tual Dimensions	mm			-
	Pyramid (S	iquare Base)				A	ctual Dimensions	in
Þ	PQ	PY SQ	а	b	c	а	b	c
	06	1/4	6	7		1/4	9/32	
a 🎽 🤜 a	10	3/8	10	13		3/8	1/2	
	Pyramid (Di	iamond Base)	Ac	tual Dimensions	mm	A	ctual Dimensions	in
1 Ic	PD	PYR DIA	а	b	с	а	b	с
	37	1-5/8	37	25	22	1-1/2	1	7/8
a	45	1-3/4	45	33	22	1-3/4	1-1/4	7/8
4	50	2	50	49	26	2	1-7/8	1
	Tr	istar	Ac	tual Dimensions	mm	<b>Δ</b>	ctual Dimensions	in
	DZ	ST	а	b	c	a	b	c
a	40/13	1-3/8	36	13		1-3/8	1/2	
	Tria	angle	Ac	tual Dimensions	mm	A	ctual Dimensions	in
	D	Т	а	b	c	a	b	C
	08	3/8	9	6	8	11/32	1/4	5/16
I I	12	5/8	16	12	8	5/8	1/2	5/16
and a design of the second sec	15	7/8	25	14	13	1	9/16	1/2
	20	1-1/4	2/	14	15	1-1/8	9/16	5/8
	35	1-1/2	4/	26	24	1-//8	1	1
	40	1-3/4	42	32	30	1-5/8	1-1/4	1-1/8
	W	edge	Ac	tual Dimensions	mm	A	ctual Dimensions	in
	DK	WDG	а	b	с	а	b	c
þ	16/25	1	25	16	1	1	5/8	1
1 A	22/38	1-1/2	38	22	1	1 1/2	7/8	1
1- 3	29/50	2	50	29		2	1-1/8	
	22/62	2.1./2	(2)	22	i	2.4.0	4.4.14	1

	C	one	Act	ual Dimensions	mm	Ac	tual Dimensions	in
	к	CN	а	b	с	а	b	с
	08	5/16	7	10		9/32	3/8	
A +	10	3/8	10	10		3/8	3/8	
b	14	9/16	14	19		9/16	3/4	
	16	5/8	16	16		5/8	5/8	
	20	3/4	20	20		3/4	3/4	
a	25	1	25	25		1	1	
	30	1-1/4	31	30		1-1/4	1-1/4	
	40	1-5/8	42	42		1-5/8	1-5/8	
	50	2	50	55		2	2-1/8	
	Cone (Ro	unded Top)	Act	ual Dimensions	mm	Ad	tual Dimensions	in
b	KR	RTC	а	b	с	а	b	с
·	14	9/16	14	13		9/16	1/2	
→ a	19	3/4	19	17		3/4	11/16	
	Byramid (1	[etrabedron)	Act	tual Dimensions	mm	Δ.	ctual Dimensions	in
	D D	тет	2	h			h	
	10	2/9	10			2/9		
4	10	1/2	10			1/2		
2	20	3//	20			3//		
X	30	1-1/4	30			1-1/4		
- a	40	1-1/4	40			1-1/4		
	50	2	50			2		
	50 60	2-3/8	60			2-3/8		
	80	3-1/8	80			3-1/8		
		5 170	00			5 170		
	Pyramid (S	Square Base)	Ac	tual Dimensions	mm	A	ctual Dimensions	in
b	PQ	PY SQ	а	b	с	а	b	с
	06	1/4	6	7		1/4	9/32	
	10	3/8	10	13		3/8	1/2	
	Pyramid (D	iamond Base)	Ac	tual Dimensions	mm	A	ctual Dimensions	in
Te	PD	PYR DIA	а	b	с	а	b	с
X	37	1-5/8	37	25	22	1-1/2	1	7/8
a	45	1-3/4	45	33	22	1-3/4	1-1/4	7/8
V.	50	2	50	49	26	2	1-7/8	1
	Tr	istar	Ac	tual Dimensions	mm	A	ctual Dimensions	in
The second	DZ	ST	а	b	с	а	b	с
•	40/13	1-3/8	36	13		1-3/8	1/2	
	 	angle	۵۲	tual Dimensions		 Δ	ctual Dimensions	in
	п	т	2	h		2	h	
	08	2/8	8	6	2 2	11/22	1/4	5/16
ic ic	12	5/8	16	12	8	5/8	1/4	5/16
	12	7/8	25	14	13	1	9/16	1/2
a	20	1-1/4	23	14	15	1-1/8	9/16	5/8
	35	1-1/2	47	26	24	1-7/8	1	1
	40	1-3//	47	32	30	1-5/8	1-1//	1-1/8
	40	1-3/4	74	JZ		1-5/0	1-1/4	1-1/0
	w	edge	Ac	tual Dimensions	mm	A	ctual Dimensions	in
5.	DK	WDG	а	b	с	а	b	с
þ	16/25	1	25	16		1	5/8	
T.	22/38	1-1/2	38	22		1 1/2	7/8	
1- 3	29/50	2	50	29		2	1-1/8	
	22/62	21/2	62	22		2 1/2	1 1 / /	

	C	one	Act	ual Dimensions r	nm	A	ctual Dimensions i	in
ĺ	к	CN	а	b	с	а	b	с
	08	5/16	7	10		9/32	3/8	
+	10	3/8	10	10		3/8	3/8	
b	14	9/16	14	19		9/16	3/4	
<b>↓</b>	16	5/8	16	16		5/8	5/8	
	20	3/4	20	20		3/4	3/4	
	25	1	25	25		1	1	
	30	1-1/4	31	30		1-1/4	1-1/4	
	40	1-5/8	42	42		1-5/8	1-5/8	
	50	2	50	55		2	2-1/8	
1	Cone (Roi	unded Top)	Act	tual Dimensions r	nm	A	ctual Dimensions	in
b	KR	RTC	a	b	с	a	b	с
-	14	9/16	14	13		9/16	1/2	
	19	3/4	19	17		3/4	11/16	
	Dura mid /I	otrobodrop)			-		stual Dimonsions	in
	Pyramiu (1		AC		nm	A		in 
	P 10	IEI	a	a	C	a	a	C
	10	3/8	10			3/8		
L.	12	1/2	12			1/2		
X	20	3/4	20			3/4		
	30	1-1/4	30			1-1/4		i
	40	1-5/8	40			1-5/8		
	50	2	50			2		
	60	2-3/8	60			2-3/8		
	80	3-1/8	80			3-1/8		<u> </u>
T	Pyramid (S	Square Base)	Ac	tual Dimensions ı	mm	A	ctual Dimensions	in
b	PQ	PY SQ	а	b	c	а	b	c
	06	1/4	6	7		1/4	9/32	
<b>4</b> 0	10	3/8	10	13		3/8	1/2	
	Pyramid (Diamond Base)		Actual Dimensions mm			A	ctual Dimensions	in
Te	PD	PYR DIA	a	b	с	a	b	с
X	37	1-5/8	37	25	22	1-1/2	1	7/8
	45	1-3/4	45	33	22	1-3/4	1-1/4	7/8
	50	2	50	49	26	2	1-7/8	1
	Tr	istar	Ac	tual Dimensions	mm	A	ctual Dimensions	in
1 <sub>b</sub>	DZ	ST	а	b	c	a	b	с
+	40/13	1-3/8	36	13		1-3/8	1/2	
	Tri	angle	Ac	tual Dimensions I	mm	Δ	ctual Dimensions	in
	D	т	2	b	C		h	
	00	2/0	<b>ü</b>	6	<b>ر</b>	11/22	1/4	E/16
- le	12	5/0 E/0	9	12	0	E /0	1/4	5/10
-	12	7/0	25	14	12	3/0	0/16	1/2
a	20	1_1//	23	14	15	1_1/Q	0/16	5/8
	20	1-1/4	۲/ ۸٦	26	د ا ۸ د	1-1/0	1	1
	10	1.2//	47	20	24	1-5/8	1_1//	1,1/2
	40	1-5/4	42	52	50	1-5/6	1-1/4	1-1/0
	W	edge	Ac	tual Dimensions	mm	A	ctual Dimensions	in
T.	DK	WDG	а	b	с	а	b	с
1p	16/25	1	25	16		1	5/8	
7	22/38	1-1/2	38	22		1 1/2	7/8	
1	29/50	2	50	29		2	1-1/8	
	37/67	2,1/2	62	20		2,1/2	1_1//	

	C	one	Act	ual Dimensions	mm	Ac	tual Dimensions	in	
	к	CN	а	b	с	а	b	с	
	08	5/16	7	10		9/32	3/8		
	10	3/8	10	10		3/8	3/8		
b	14	9/16	14	19		9/16	3/4		
	16	5/8	16	16		5/8	5/8		
	20	3/4	20	20		3/4	3/4		
a	25	1	25	25		1	1		
	30	1-1/4	31	30		1-1/4	1-1/4		
	40	1-5/8	42	42		1-5/8	1-5/8		
	50	2	50	55		2	2-1/8		
	Cone (Ro	unded Top)	Act	ual Dimensions	mm	Actual Dimensions in			
b	KR	BTC	а	h	C	a	b	C	
	14	9/16	14	13		9/16	1/2		
a	19	3/4	19	17		3/4	11/16		
			-						
	Pyramid (1	fetrahedron)	Act	ual Dimensions	mm	A	tual Dimensions	in	
	Р	TET	а	b	c	а	b	c	
	10	3/8	10			3/8			
~	12	1/2	12			1/2			
	20	3/4	20			3/4			
a	30	1-1/4	30			1-1/4			
4	40	1-5/8	40			1-5/8			
	50	2	50			2			
	60	2-3/8	60			2-3/8			
	80	3-1/8	80			3-1/8			
	Pyramid (	Square Base)	Act	ual Dimensions	mm	A	ctual Dimensions	in	
b	PQ	PY SQ	а	b	с	a	b	с	
	06	1/4	6	7		1/4	9/32		
	10	3/8	10	13		3/8	1/2		
	Byramid (D	iamond Base)	٨	ual Dimensions	mm		ctual Dimensions	in	
	Pyrannu (D		Act						
1º	PD		d	<b>U</b>	<b>U</b>	d	1	<b>C</b>	
	37	1-5/8	37	25	22	1-1/2		7/8	
a	45	1-3/4	45	33	22	1-3/4	1-1/4	1//8	
	50	Ζ	50	49	20	2	1-770		
	Tr	istar	Act	tual Dimensions	mm	A	ctual Dimensions	in	
- To	DZ	ST	а	b	с	а	b	с	
>	40/13	1-3/8	36	13		1-3/8	1/2		
	Tri	angle	Ac	tual Dimensions	mm	A	ctual Dimensions	in	
	D	Т	а	b	с	а	b	c	
	08	3/8	9	6	8	11/32	1/4	5/16	
c	12	5/8	16	12	8	5/8	1/2	5/16	
	15	7/8	25	14	13	1	9/16	1/2	
a	20	1-1/4	27	14	15	1-1/8	9/16	5/8	
	35	1-1/2	47	26	24	1-7/8	1	1	
	40	1-3/4	42	32	30	1-5/8	1-1/4	1-1/8	
	1					1			
	w	edge	Act	tual Dimensions	mm	A	ctual Dimensions	in	
T.	DK	WDG	а	b	с	a	b	c	
tp.	16/25	1	25	16		1	5/8	<b></b>	
	22/38	1-1/2	38	22		1 1/2	7/8	ļ	
a a	29/50	2	50	29		2	1-1/8		
	32/62	2_1/2	62	30		2-1/2	1_1//		



C	one	Act	ual Dimensions	mm	Ac	tual Dimensions	in
К	CN	а	b	с	а	b	с
08	5/16	7	10		9/32	3/8	
10	3/8	10	10		3/8	3/8	
14	9/16	14	19		9/16	3/4	
16	5/8	16	16		5/8	5/8	
20	3/4	20	20		3/4	3/4	
25	1	25	25		1	1	
30	1-1/4	31	30		1-1/4	1-1/4	
40	1-5/8	42	42		1-5/8	1-5/8	
50	2	50	55		2	2-1/8	
Cone (Ro	unded Top)	Act	ual Dimensions	mm	Ac	tual Dimensions	in
	PTC		h			h	
1/	9/16	<b>d</b>	13		a 9/16	<b>D</b>	<u>ر</u>
19	3/4	19	17		3/4	11/16	
19		15	. ,		3,1	11/10	
Pyramid (1	Tetrahedron)	Act	ual Dimensions	mm	A	ctual Dimensions	in
Р	TET	a	b	c	a	b	с
10	3/8	10			3/8		
12	1/2	12			1/2		
20	3/4	20			3/4		
30	1-1/4	30			1-1/4		
40	1-5/8	40			1-5/8		
50	2	50			2		
60	2-3/8	60		_	2-3/8		
80	3-1/8	80			3-1/8		
Pyramid (S	Square Base)	Act	ual Dimensions	mm	A	ctual Dimensions	in
PQ	PY SQ	а	b	с	a	b	с
06	1/4	6	7		1/4	9/32	
10	3/8	10	13		3/8	1/2	
vramid (D	iamond Base)	Act	ual Dimensions	mm	A	ctual Dimensions	in
PD	PYR DIA	а	b	c	a	b	c
37	1-5/8	37	25	22	1-1/2	1	7/8
45	1-3/4	45	33	22	1-3/4	1-1/4	7/8
50	2	50	49	26	2	1-7/8	1
50							
Tr	istar	ACI		mm	A	ctual Dimensions	in
DZ	ST	а	b	с	а	b	с
40/13	1-3/8	36	13		1-3/8	1/2	
Tri	angle	Act	ual Dimensions	mm	A	ctual Dimensions	in
D	Т	а	b	c	а	b	c
08	3/8	9	6	8	11/32	1/4	5/16
12	5/8	16	12	8	5/8	1/2	5/16
15	7/8	25	14	13	1	9/16	1/2
20	1-1/4	27	14	15	1-1/8	9/16	5/8
35	1-1/2	47	26	24	1-7/8	1	1
40	1-3/4	42	32	30	1-5/8	1-1/4	1-1/8
W	edge	Δct	ual Dimensions	mm	Δ.	ctual Dimensions	in
DK	WDG	a	h	r	A	h	
16/25	1	25	16		1	5/8	
22/38	1-1/2	38	22		1 1/2	7/8	
29/50	2	50	29		2	1-1/8	
27/67	2 1/2	62	22		2 1/2	1 1 / 4	

	Cone		Act	ual Dimensions	mm	Actual Dimensions in			
	К	CN	а	b	с	а	b	с	
	08	5/16	7	10		9/32	3/8		
-	10	3/8	10	10		3/8	3/8		
b	14	9/16	14	19		9/16	3/4		
	16	5/8	16	16		5/8	5/8		
_	20	3/4	20	20		3/4	3/4		
	25	1	25	25		1	1		
	30	1-1/4	31	30		1-1/4	1-1/4		
	40	1-5/8	42	42		1-5/8	1-5/8		
	50	2	50	55		2	2-1/8		
	Cone (Rou	inded Top)	Act	ual Dimensions	mm	Actual Dimensions in			
b	KR	RTC	a	b	с	а	b	с	
	14	9/16	14	13		9/16	1/2		
$\rightarrow$	19	3/4	19	17		3/4	11/16		
	Down with (T							•	
	Pyramid (1	etranedron)	Act	ual Dimensions	mm	A		In	
	Р	IEI	a	b	c	a	b	c	
/	10	3/8	10			3/8			
3	12	1/2	12			1/2			
X	20	3/4	20			3/4			
a	30	1-1/4	30			1-1/4			
	40	1-5/8	40			1-5/8			
	50	2	50			2			
	60	2-3/8	60			2-3/8			
	80	3-1/8	80			3-1/8			
	Pyramid (S	quare Base)	Act	ual Dimensions	mm	A	ctual Dimensions	in	
b	PQ	PY SQ	a	b	с	а	b	с	
	06	1/4	6	7		1/4	9/32		
- a	10	3/8	10	13		3/8	1/2		
	Pyramid (Di	amond Base)	Act	ual Dimensions	mm	A	ctual Dimensions	in	
			2	h			h	 	
1º	27		27	25	22	a 1 1/2	1	7/0	
A	57	1-3/6	57	23	22	1-1/2	1 1 / 4	7/0	
a	45	1-3/4	45	33	22	1-3/4	1 7/9	1	
		2	50	49	20	Ζ.	1-770		
	Tri	star	Act	ual Dimensions	mm	A	ctual Dimensions	in	
↓ b	DZ	ST	а	b	c	а	b	с	
	40/13	1-3/8	36	13		1-3/8	1/2		
	Tria	angle	Act	ual Dimensions	mm	A	ctual Dimensions	in	
	D	Т	а	b	c	а	b	c	
	08	3/8	9	6	8	11/32	1/4	5/16	
c	12	5/8	16	12	8	5/8	1/2	5/16	
	15	7/8	25	14	13	1	9/16	1/2	
a	20	1-1/4	23	14	15	1-1/8	9/16	5/8	
	35	1-1/2	47	26	24	1-7/8	1	1	
	40	1_3/4	т, Д2	20	27	1-5/8	1-1/2	1_1/8	
	1 40	1-5/4	74	JL		1-5/0	1-1/4	1-170	
	We	edge	Act	ual Dimensions	mm	A	ctual Dimensions	in	
	DK	WDG	а	b	с	а	b	с	
lp	16/25	1	25	16		1	5/8		
1 A	22/38	1-1/2	38	22		1 1/2	7/8		
a	29/50	2	50	29		2	1-1/8		
	22/62	2 1/2	62	27		2 1/2	1 1/4		

	C	one	Ad	tual Dimensions	mm	Ac	tual Dimensions	in
	к	CN	а	b	с	а	b	с
	08	5/16	7	10		9/32	3/8	
	10	3/8	10	10		3/8	3/8	
b	14	9/16	14	19		9/16	3/4	
	16	5/8	16	16		5/8	5/8	
	20	3/4	20	20		3/4	3/4	
a	25	1	25	25		1	1	
	30	1-1/4	31	30		1-1/4	1-1/4	
	40	1-5/8	42	42		1-5/8	1-5/8	
	50	2	50	55		2	2-1/8	
	Cone (Ro	unded Top)	Ad	tual Dimensions	mm	Ad	tual Dimensions	in
b	KR	RTC	а	b	c	а	b	с
<b>_</b>	14	9/16	14	13		9/16	1/2	
a	19	3/4	19	17		3/4	11/16	
	Duran i d (2	•						•
	Pyramid (	letranedron)	A	ctual Dimensions	mm	A	ctual Dimensions	In
	Р	TET	a	b	c	a	b	C
1	10	3/8	10			3/8		
3	12	1/2	12	-		1/2		
	20	3/4	20			3/4		
a	30	1-1/4	30			1-1/4		
N .	40	1-5/8	40			1-5/8		
	50	2	50			2		
	60	2-3/8	60			2-3/8		
	80	3-1/8	80			3-1/8		<u> </u>
	Pyramid (	Square Base)	A	ctual Dimensions	mm	A	ctual Dimensions	in
Þ	PQ	PY SQ	а	b	с	а	b	c
	06	1/4	6	7		1/4	9/32	
~ ~ ~ ~	10	3/8	10	13		3/8	1/2	
	Pyramid (D	iamond Base)	A	ctual Dimensions	mm	A	ctual Dimensions	in
Te	PD	PYR DIA	а	b	с	a	b	с
	37	1-5/8	37	25	22	1-1/2	1	7/8
a	45	1-3/4	45	33	22	1-3/4	1-1/4	7/8
4	50	2	50	49	26	2	1-7/8	1
	Tr	istar	A	ctual Dimensions	mm	A	ctual Dimensions	in
The second	DZ	ST	а	b	с	а	b	с
	40/13	1-3/8	36	13		1-3/8	1/2	
	Tri	angle	A	ctual Dimensions	mm	A	ctual Dimensions	in
	D	T	a	b	c	a	b	с
I	08	3/8	9	6	8	11/32	1/4	5/16
le le	12	5/8	16	12	8	5/8	1/2	5/16
	15	7/8	25	14	13	1	9/16	1/2
	20	1-1/4	27	14	15	1-1/8	9/16	5/8
	35	1-1/2	47	26	24	1-7/8	1	1
	40	1-3/4	42	32	30	1-5/8	1-1/4	1-1/8
	w	edge	A	ctual Dimensions	mm	A	ctual Dimensions	in
	DK	WDG	а	b	с	a	b	с
1b	16/25	1	25	16		1	5/8	
÷.	22/38	1-1/2	38	22		1 1/2	7/8	
1- 3	29/50	2	50	29		2	1-1/8	
	22/62	2 1/2	67	22	1	2 1/2	1 1/4	

	Co	one	Ac	tual Dimensions r	nm	A	tual Dimensions	in
ĺ	К	CN	а	b	с	а	b	с
	08	5/16	7	10		9/32	3/8	
A +	10	3/8	10	10		3/8	3/8	
b	14	9/16	14	19		9/16	3/4	
	16	5/8	16	16		5/8	5/8	
	20	3/4	20	20		3/4	3/4	
u	25	1	25	25		1	1	
	30	1-1/4	31	30		1-1/4	1-1/4	
-	40	1-5/8	42	42		1-5/8	1-5/8	
	50	2	50	55		2	2-1/8	
	Cone (Rou	inded Top)	Ac	ctual Dimensions r	nm	Ad	ctual Dimensions	in
b	KR	RTC	а	b	с	а	b	с
	14	9/16	14	13		9/16	1/2	
<mark>i a →</mark>	19	3/4	19	17		3/4	11/16	
	Pvramid (T	etrahedron)	A	ctual Dimensions r	nm	A	ctual Dimensions	in
	P	TET	а	b	c	а	b	c
	10	3/8	10	~		3/8	~	
4	12	1/2	12			1/2		
~	20	3/4	20			3/4		
	30	1-1/4	30			1-1/4		
- a	40	1-5/8	40			1-5/8		
	50	2	50			2		
	60	2-3/8	60			2-3/8		
	80	3-1/8	80			3-1/8		
	Pyramid (S	quare Base)	A	ctual Dimensions I	mm	A	ctual Dimensions	in
b	PO	PV SO	а	b	C	a	h	c
	<b>FQ</b>	1/4			<u>ر</u>	a	0/22	
	1 1/5					1 1 / / 1	1 112 1	
9	10	3/8	10	13		3/8	9/32	
a _ a	10	3/8	10	13		3/8	1/2	
3	10 Pyramid (Di	amond Base)	10 <b>A</b> (	13	mm	3/8	1/2 tual Dimensions	in
	10 Pyramid (Di PD	amond Base) PYR DIA	10 A	13 ctual Dimensions i b	mm c	1/4 3/8	9/32 1/2 ctual Dimensions b	in c
b to the test	10 <b>Pyramid (Di</b> <b>PD</b> 37	amond Base) PYR DIA 1-5/8	10 10 <b>A</b> 37	7           13           ctual Dimensions i           b           25	mm c 22	1/4 3/8 <b>A</b> 1-1/2	1/2 ttual Dimensions b	in <u> c</u> 7/8
a a a a a a a a a a a a a a a a a a a	10 <b>Pyramid (Di</b> <b>PD</b> 37 45	1/4           3/8           amond Base)           PYR DIA           1-5/8           1-3/4	10 10 <b>a</b> 37 45	7           13           ctual Dimensions i           b           25           33           (2)	mm <u>c</u> 22 22 22	1/4 3/8 <b>a</b> 1-1/2 1-3/4	9/32 1/2 ctual Dimensions b 1 1-1/4	in
a a a a a a a a a a a a a a a a a a a	10 <b>Pyramid (Di</b> <b>PD</b> 37 45 50	1/4           3/8           amond Base)           PYR DIA           1-5/8           1-3/4           2	a 37 45 50	7           13           ctual Dimensions i           b           25           33           49	mm C 22 22 26	1/4           3/8           a           1-1/2           1-3/4           2	9/32           1/2           ctual Dimensions           b           1           1-1/4           1-7/8	in c 7/8 7/8 1
a a a a a a a a a a a a a a a a a a a	10 <b>Pyramid (Di</b> <b>PD</b> 37 45 50 <b>Tri</b>	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star	0 10 <b>A</b> 37 45 50 <b>A</b>	7           13           ctual Dimensions i           b           25           33           49           ctual Dimensions i	mm	1/4           3/8           a           1-1/2           1-3/4           2	9/32           1/2           ctual Dimensions           b           1           1-1/4           1-7/8           ctual Dimensions	in c 7/8 7/8 1 in
	10 Pyramid (Di PD 37 45 50 Tri DZ	1/4           3/8           amond Base)           PYR DIA           1-5/8           1-3/4           2           star           ST	0           10 <b>a</b> 37           45           50 <b>A a</b>	<pre>/ 13 ctual Dimensions a b 25 33 49 ctual Dimensions a b</pre>	mm	1/4           3/8           a           1-1/2           1-3/4           2           A           a	9/32           1/2           ctual Dimensions           b           1           1-1/4           1-7/8           ctual Dimensions           b	in C 7/8 7/8 1 in C
	10 Pyramid (Di PD 37 45 50 Tri DZ 40/13	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star       ST       1-3/8	0       10       a       37       45       50       A       a       36	/     13       ctual Dimensions i     b       25     33       49     49       ctual Dimensions i     b       13     13	mm c 22 22 26 mm c	1/4       3/8       a       1-1/2       1-3/4       2       A       a       1-3/8	9/32           1/2           ctual Dimensions           b           1           1-1/4           1-7/8           ctual Dimensions           b           1.72	in c 7/8 7/8 1 in c
	10 Pyramid (Di PD 37 45 50 Tri DZ 40/13 Tria	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star       ST       1-3/8	0 10 A A 37 45 50 A A 36 A	<pre>/ / 13 ctual Dimensions I</pre>	mm	1/4       3/8       a       1-1/2       1-3/4       2       A       a       1-3/8	9/32         1/2         ctual Dimensions         b         1         1-1/4         1-7/8         ctual Dimensions         b         1/2         ctual Dimensions	in c 7/8 7/8 1 in c in
	10 Pyramid (Di PD 37 45 50 Tri DZ 40/13 Tria D	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star       ST       1-3/8	0 10 A 4 5 50 A 36 36 A 4 5 0 A 4 5 0 A 4 36	<pre>/ / 13 / ctual Dimensions / 25 33 49 / ctual Dimensions / b 13 / ctual Dimensions / b / b / b / b / b / b / b / b / b / b</pre>	mm	1/4       3/8       A       1-1/2       1-3/4       2       A       a       1-3/8       A	srist 1/2 ctual Dimensions b 1 1-1/4 1-7/8 ctual Dimensions b 1/2 ctual Dimensions b	in c 7/8 7/8 1 in c in c
	10 Pyramid (Di PD 37 45 50 Tri DZ 40/13 Tria D 08	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star       ST       1-3/8	6 10 A A 37 45 50 A A 36 36 A 4 36 9	<pre>/ 13 ctual Dimensions r b 25 33 49 ctual Dimensions r b 13 ctual Dimensions r b 6</pre>	mm	1/4       3/8       A       1-1/2       1-3/4       2       A       a       1-3/8       A       a       1-3/8	9/32         1/2         ctual Dimensions         b         1         1-1/4         1-7/8         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2	in c 7/8 7/8 1 in c in c 5/16
	10 Pyramid (Di PD 37 45 50 Tri DZ 40/13 Tria D 08 12	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star       ST       1-3/8       angle       T       3/8       5/8	0         11         11         12         13         14         15         16	/     13       ctual Dimensions i     b       25     33       49     49       ctual Dimensions i     b       13     13       ctual Dimensions i     b       6     12	mm c 22 22 26 mm c mm c 8 8	1/4         3/8         A         1-1/2         1-3/4         2         A         1-3/8         A         1-3/8         A         11/32         5/8	9/32         1/2         ctual Dimensions         b         1         1-1/4         1-7/8         ctual Dimensions         b         1/2         ctual Dimensions	in c 7/8 7/8 1 in c in c 5/16 5/16
	10 Pyramid (Di PD 37 45 50 Tri DZ 40/13 Tria D 08 12 15	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star       ST       1-3/8       angle       T       3/8       5/8       7/8	0         110         110	/     13       ctual Dimensions i     b       25     33       49     ctual Dimensions i       b     13       ctual Dimensions i     b       13     13       ctual Dimensions i     b       13     13       ctual Dimensions i     b       13     14	mm c 22 22 26 mm c mm c 8 8 8 13	1/4         3/8         A         1-1/2         1-3/4         2         A         a         1-3/8         A         11/32         5/8         1	9/32         1/2         ctual Dimensions         b         1         1-1/4         1-7/8         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         9/16	in c 7/8 7/8 1 in c in c 5/16 5/16 1/2
	10 Pyramid (Di PD 37 45 50 Tri DZ 40/13 Tria D 08 12 15 20	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star       ST       1-3/8       angle       T       3/8       5/8       7/8       1-1/4	0         11         12         13         14         15         16         16         10         10         10         11         12         13         14         15         16         15         16         15         16         15         16         15	/     13       ctual Dimensions i     b       25     33       49     ctual Dimensions i       b     13       ctual Dimensions i     b       13     13       ctual Dimensions i     b       13     13       ctual Dimensions i     b       13     14	mm c 22 22 26 mm c mm c 8 8 8 13 15	1/4         3/8 <b>a</b> 1-1/2         1-3/4         2 <b>A a</b> 1-3/8 <b>a</b> 11/32         5/8         1         1-1/8	9/32         1/2         ctual Dimensions         b         1         1-1/4         1-7/8         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         9/16         9/16	in C 7/8 7/8 1 in C in C 5/16 5/16 1/2 5/8
	10 Pyramid (Di PD 37 45 50 Tri DZ 40/13 Tria D 08 12 15 20 35	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star       ST       1-3/8       angle       T       3/8       5/8       7/8       1-1/4       1-1/2	0         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         11         12         13         145         50         145         50         145         150         16         25         27         47	/     13       tual Dimensions i     b       25     33       49     ctual Dimensions i       b     13       ctual Dimensions i     b       13     13       ctual Dimensions i     b       13     14       14     14       26     25	mm c 22 22 22 26 mm c mm c 8 8 8 13 15 24	1/4         3/8         Ai         1-1/2         1-3/4         2         Ai         1-3/4         2         Ai         1-3/8         11/32         5/8         1         1-1/8         1-7/8	9/32         1/2         ctual Dimensions         b         1         1-1/4         1-7/8         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         9/16         9/16         1	in C 7/8 7/8 1 in C in C 5/16 5/16 1/2 5/8 1
	10 Pyramid (Di PD 37 45 50 Tri DZ 40/13 Tria 08 12 15 20 35 40	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star       ST       1-3/8       angle       T       3/8       5/8       7/8       1-1/4       1-1/2       1-3/4	0         11         12         12         13         14         15         16         16         17         14         10         11         12          13	/     13       ctual Dimensions i     b       25     33       49     49       ctual Dimensions i     b       b     13       ctual Dimensions i     b       b     13       ctual Dimensions i     b       b     13       ctual Dimensions i     b       i     14       i     14       i     14       i     26       32	mm c 22 22 26 mm c mm c 8 8 8 13 15 24 30	1/4         3/8         A         1-1/2         1-3/4         2         A         a         1-3/8         A         a         1-3/8         A         a         1-3/8         A         a         1-3/8         1-1/32         5/8         1         1-1/8         1-7/8         1-5/8	9/32         1/2         ctual Dimensions         b         1         1-1/4         1-7/8         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         ctual Dimensions         b         1/4         1/2         9/16         9/16         1         1-1/4	in C 7/8 7/8 1 in C in C 5/16 5/16 1/2 5/8 1 1 1-1/8
	10 Pyramid (Di PD 37 45 50 Tri DZ 40/13 Tria 08 12 15 20 35 40 We	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star       ST       1-3/8       angle       T       3/8       5/8       7/8       1-1/4       1-1/2       1-3/4	0         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         11         11         12         11         12         14         10         15         16         16         16         16         17         147         142	/     13       ctual Dimensions i     b       25     33       49     ctual Dimensions i       b     13       ctual Dimensions i     b       13     13       ctual Dimensions i     b       13     14       14     14       26     32	mm c 22 22 22 26 mm c mm c 8 8 8 8 13 15 24 30 mm	1/4         3/8 <b>a</b> 1-1/2         1-3/4         2 <b>A a</b> 1-3/8         11/32         5/8         1         1-1/8         1-5/8	9/32         1/2         ctual Dimensions         b         1         1-1/4         1-7/8         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         9/16         9/16         1         1-1/4	in C 7/8 7/8 1 in C in C 5/16 5/16 5/16 1/2 5/8 1 1-1/8 in
	10 Pyramid (Di PD 37 45 50 Tri DZ 40/13 Tria D 08 12 15 20 35 40 We DK	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star       ST       1-3/8       angle       T       3/8       5/8       7/8       1-1/4       1-1/2       1-3/4	0         10         10         A         37         45         50         A         36         36         A         36         A         36         A         36         41         25         27         47         42         A         A	/     13       tual Dimensions i       b       25       33       49       tual Dimensions i       b       13       tual Dimensions i       b       13       tual Dimensions i       b       13       tual Dimensions i       b       12       14       14       26       32       tual Dimensions i       b	mm	1/4         3/8         Ai         1-1/2         1-3/4         2         Ai         1-3/4         2         Ai         1-3/8         11/32         5/8         1         1-1/8         1-7/8         1-5/8	9/32         1/2         ctual Dimensions         b         1         1-1/4         1-7/8         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         9/16         9/16         1         1-1/4         ctual Dimensions         b	in C 7/8 7/8 1 in C in C 5/16 5/16 5/16 1/2 5/8 1 1-1/8 in C
	10 Pyramid (Di PD 37 45 50 Tri DZ 40/13 Tria D 08 12 15 20 35 40 We DK 16/25	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star       ST       1-3/8       angle       T       3/8       5/8       7/8       1-1/4       1-1/2       1-3/4	0         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         11         12         16         25         27         47         42         10         10         10         10         11         12         13         14         15         16         25         27         47         42         14         25	/     13       tual Dimensions i       b       25       33       49       tual Dimensions i       b       13       tual Dimensions i       b       13       tual Dimensions i       b       13       tual Dimensions i       b       12       14       14       26       32       tual Dimensions i       b       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       16	mm	1/4         3/8         Ai         1-1/2         1-3/4         2         Ai         1-3/4         2         Ai         1-3/4         2         Ai         a         1-3/8         11/32         5/8         1         1-1/8         1-7/8         1-5/8         Ai         a         1	9/32         1/2         ctual Dimensions         b         1         1-1/4         1-7/8         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         9/16         9/16         1         1-1/4         ctual Dimensions         b         5/8	in C 7/8 7/8 1 in C in C 5/16 5/16 5/16 1/2 5/8 1 1-1/8 in C
	10 Pyramid (Di PD 37 45 50 Tri DZ 40/13 Tria D 08 12 15 20 35 40 We DK 16/25 22/38	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star       ST       1-3/8       angle       T       3/8       5/8       7/8       1-1/4       1-3/4       2	0         10         a         37         45         50         A         a         36         A         a         9         16         25         27         47         42         A         25         38	/     13       ctual Dimensions i     b       25     33       49     49       ctual Dimensions i     b       b     13       ctual Dimensions i     b       b     13       ctual Dimensions i     b       b     13       ctual Dimensions i     b       i     14       14     14       26     32       ctual Dimensions i     b       i     16       22     22	mm c 22 22 26 mm c 8 8 8 13 15 24 30 mm c	1/4         3/8         A         1-1/2         1-3/4         2         A         a         1-3/8         A         a         1-3/8         A         a         1-1/2         5/8         1         1-1/8         1-7/8         1-5/8         A         a         1         1/2	9/32         1/2         ctual Dimensions         b         1         1-1/4         1-7/8         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         9/16         9/16         1         1-1/4         ctual Dimensions         b         5/8         7/8	in c 7/8 7/8 1 in c in c 5/16 5/16 5/16 1/2 5/8 1 1-1/8 in c
	10 Pyramid (Di PD 37 45 50 Tri DZ 40/13 Tria D 08 12 15 20 35 40 We DK 16/25 22/38 29/50	1/4       3/8       amond Base)       PYR DIA       1-5/8       1-3/4       2       star       ST       1-3/8       angle       T       3/8       5/8       7/8       1-1/4       1-1/2       1-3/4	0         10 <b>a</b> 37         45         50 <b>a</b> 36 <b>a</b> 9         16         25         27         47         42 <b>a</b> 25         38         50	/     13       tual Dimensions     b       25     33       49     49       tual Dimensions     b       b     13       tual Dimensions     b       b     13       tual Dimensions     b       b     13       tual Dimensions     b       6     12       14     14       26     32       tual Dimensions     b       16     22       29     29	mm c 22 22 26 mm c mm c 8 8 8 13 15 24 30 mm c	1/4         3/8         A         1-1/2         1-3/4         2         A         a         1-3/8         A         a         11/32         5/8         1         1-1/8         1-7/8         1-5/8         A         a         1.1/2         2	9/32         1/2         ctual Dimensions         b         1-1/4         1-1/4         1-7/8         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         ctual Dimensions         b         1/2         9/16         9/16         1         1-1/4         ctual Dimensions         b         5/8         7/8         1-1/8	in c 7/8 7/8 1 in c in c 5/16 5/16 5/16 1/2 5/8 1 1-1/8 in c

Metric dimensions are in mm and imperial dimensions are in inches.

### Available Compositions

Composition	Finish	Cut	Typical Applications
PPP	Very fine	Low	Brightening, fine finishing, preplate
PLC	Medium	Low	Cleaning, deflashing of die castings
PMC	Fine to medium	Medium	General Purpose Deburring
PFC-S	Coarse	Fast	Fast deburring of soft to hard metals
PFC-ZF	Fine, matt	Fast	Fine finishing of most metals, high density media
PFC-Z	Medium, matt	Fast	Finishing of most metals, high density media
PFC-AF	Fine to medium	Fast	Fine finishing of hard metals
PFC-A	Coarse	Very fast	Fast deburring hard metals
WPHCMedium to coarseVery fastFast deburring hard metals in high energy a		Fast deburring hard metals in high energy applications	

## Plastic Media Capabilities

Rosler offers the widest range of plastic media in the world. Our in house production allows us to produce a large variety of shapes and sizes. There are limits to what can be done and what makes sense. If you cannot find the right size in this catalog, please contact your representative or a member of the Rosler Sales team for assistance in determining the optimum media for your application.

The opposite page shows Rosler's available shapes and sizes for ceramic media. For your convenience we list both metricand imperial sizes on our labels.





Metric dimensions are in mm and imperial dimensions are in inches.



## PLASTIC MEDIA

Metric	Quality	Measurement	Shape
Ordering Example:	PMC	40	К
OR			
Imperial	Quality	Measurement	Shape
Ordering Example:	PMC	1-5/8	CN

Composition	Approx. Bulk Density lbs/ft <sup>3</sup>	Grinding Perfor- mance	Color	Grinding Result
РРР	70			
PLC	70			the game the second second
РМС	70			بارور ممالي المريا ورور الم
PFC-S	73			and sources and sources
PFC-ZF	86			-
PFC-Z	83			All bear of the test
PFC-AF	75			and a farment of
PFC-A	80			a hora and hora hora
WHPC	73			A A Barry the

	Cone Ta	per Top	Cone Ro	ound Top	Pyramid T	etrahedron	Pyramid S	quare Base	Pyramid Di	iamond Base	Tria	angle	Weo	dge Bowtie	T	ricyl	Tri	star
	, a	þ	a	þ		a	Ta b	b	b	a te	6.	a		ib a	6	0	The second second	<u>j</u> p
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
0000	К	CN	KR	RTC	Ρ	TET	PQ	PY SQ	PD	PY DI	D	т	DK	WDG	QZ	тс	DZ	ST
	16 20	5/8 3/4	10 14	3/8 9/16	10 20	3/8 3/4	06 10	1/4 3/8			08 12	5/16 1/2	16/25	5/8 x 1	47	1-7/8		
	30 40 50 60	1-1/8 1-5/8 2 2-3/8	14 25	9/16 1	10 25 30 50 60 80	3/8 1 1-1/8 2 2-3/8 3-1/8			37 45 50	1-1/2 1-3/4 2			22/38 29/50 32/62	7/8 x 1-1/2 1-1/8 x 2 1-1/4 x 2-1/2				
	10 14 20 25 30 40 50	3/8 9/16 5/8 3/4 1 1-1/8 1-5/8 2	10 14 19	3/8 9/16 3/4	10 20 30 40	3/8 3/4 1-1/8 1-5/8	06 10	1/4 3/8			08 12 15 20	5/16 1/2 5/8 3/4	16/25 22/38	5/8 x 1 7/8 x 1-1/2				
	10 14 16 20 25 30 40 50	3/8 9/16 5/8 3/4 1 1-1/8 1-5/8 2	10 14 19 25	3/8 9/16 3/4 1	10 25 30 40	3/8 1 1-1/8 1-5/8	06 10	1/4 3/8	37 45	1-1/2 1-3/4	12 15 20	1/2 5/8 3/4	16/25 22/38	5/8 x 1 7/8 x 1-1/2				
	10 16	3/8 5/8	20 25	3/4 1	20 25	3/4 1												
	10 20	3/8 3/4	14	9/16	10 20 30 40	3/8 3/4 1-1/8 1-5/8	06 10	1/4 3/8			08 15	5/16 5/8	16/25 22/38 32/62	7/8 x 1-1/2 1-1/8 x 2 1-1/4 x 2-1/2				
	10 16	3/8 5/8	14 19	9/16 3/4	10 20	3/8 3/4	10	3/8										
	14 16 25	9/16 5/8 1	10 14 20	3/8 9/16 3/4	10 20 30	3/8 3/4 1-1/8	06 10	1/4 3/8	37 45	1-1/2 1-3/4	12 15 20	1/2 5/8 3/4	16/25 22/38	7/8 x 1-1/2 1-1/8 x 2	47	1-7/8		
	16 20 30	5/8 3/4 1-1/8			10 20 30 40	3/8 3/4 1-1/8 1-5/8		<u> </u>					29/50	1-1/8 x 2				

Metric dimensions are in mm and imperial dimensions are in inches, conversion from metric to imperial may result in a deviation of up to .004 inches or 1 mm.





# MASS FINISHING COMPOUNDS

the most comprehensive range in the world

## **Rösler Mass Finishing Compounds**

Rösler's compounds are ideal for all surface finishing processes. Their manufacture combines environmental protection, precision, and quality of process technology.



## **Supply Quality**

In our central warehouse, and in the warehouses of our subsidiaries ensuring timely supply of the consumables you need, when you worldwide, we stock 8,000 types of high-quality consumables, need them.







Our Research and Development process takes place both in our development laboratory and in our test centres worldwide. We are continuously improving our products, as well as developing new ones, ensuring that we can always provide the right compound to fit your process and your budget.

Thorough testing of raw materials and finished products according to DIN EN ISO 9001 and 50001 standards allow us to fully document the quality control used in the production of our consumables. Regardless of which of our products you utilize, you can be sure that environmental protection will be a part of your surface finishing process.

# LIQUID COMPOUNDS

Rosler's liquid compounds are the foundation of the modern surface finishing process. Thanks to their ability to remove contaminants such as metal and/or media fines from the process, they keep the components and the media clean and ensure a repeatable high quality mass finishing process. Choose the right product for your application from Rosler's product range. This will guarantee that your solution is both economical and environmentally-friendly.

# **RECIRCULATION COMPOUNDS**

Rosler's recirculation compounds are formulated to provide a consistent process quality for every application and ensure long service intervals for the process water. These compounds are best for use in closed loop water recycling systems but can also be used in flow through processes.

	Туре	FC KFL	FC 120	FC 212	FC 214	FC 216	FC 230	FC 336.4	FC 430
	Description	Universal general purpose compound for all metals.	Universal cleaning and polishing compound with corrosion protection.	Polishing and cleaning compound with good corrosion protection.	General purpose cleaning and polishing compound with good corrosion protection.	Universal cleaning and degreasing compound with corrosion protection.	Cleaning and polishing compound for non-ferrous metals and stainless steel.	Degreasing and deburring compound.	Etching and polishing compound for all non-fer- rous metals and stainless steel.
	pH Value 0.5 %	8.2	7.6	8.6	8.6	8.4	7.5	11	2.6
	Steel/Iron	++	+	++	+	+	•	++	•
	Stainless Steel	++	+	++	++	+	++	++	++
als	Copper/Brass	+	+	•	•	+	++	•	++
Met	Aluminium	++	+	•	•	+	++	•	++
	Zinc	++	+	•	•	+	+	•	+
	Magnesium		•			•	+		
	Grinding/Deburring/ Radiussing Edges	++	+	•	+	++	+	++	•
	Degreasing/De-oiling	++	•	•	•	+	•	++	•
ions	Smoothing/Polishing	+	+	++	++	+	++	+	++
licat	Polishing	+	+	++	++	+	++	+	++
Арр	Ball polishing	•	•	•			+		++
	Descaling/Derusting								+
	Etching								+
	<b>Corrosion Protection</b>	+	+	+	+	+	•	+	
ies	Cleaning	+	+	+	+	++	+	+	++
pert	Degreasing	++	•	•	•	+	•	•	•
Pro	Brightening	+	+	++	+	+	++	+	++
	Foam	+	+	+	+	+	+	+	++

	Туре	ZF 110 i	ZF 113	ZF 231	ZF 311	ZF 322	ZF 322 S
	Description	Corrosion protection compound for all rust-sen- sitive, ferrous metals.	Universal general pur- pose compound with corrosion protection for all ferrous and non-ferrous metals.	Special compound for cleaning and passivating magnesium.	Low-foam cleaning and passivating compound, particularly suitable for very oily, stamped parts.	Degreasing compound with corossion pro- tection for all metals.	Degreasing compound with good corrosion protection for all ferrous and non-ferrous metals.
	pH Value 0.5 %	9.9	8.9	11.4	9.6	8.7	8.9
	Steel/Iron	++	+		++	+	++
	Stainless Steel	+	+		+	++	++
tals	Copper/Brass	•	+		•	+	+
Met	Aluminium	•	+		•	++	++
	Zinc	•	+		•	+	++
	Magnesium		•	++		•	+
suc	Grinding/Deburring/ Radiussing Edges	++	++	+	++	+	+
plicatio	Degreasing/ De-oiling	•	+	•	++	++	++
Ap	Smoothing/ Polishing	++	+	•	•	+	+
6	<b>Corrosion Protection</b>	++	+	•	++	+	++
ertie	Cleaning	+	+	•	++	++	+
rop(	Degreasing	•	+	+	++	++	++
_	Brightening	•	+	+	•	++	+

++ = very well suited/high

+ = suitable/average

Subject to revision

. = conditionally suitable/less

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For ball burnishing and pressure deburring compounds, please see pages 22-23.



Subject to revision

We provide **special compounds for special processes.** Please contact us.

# **GRINDING PASTES**

The Keramo-Finish<sup>®</sup> grinding process is particularly economical with our grinding pastes in non-circulated processes. We have also developed easy-to-use Keramo-Finish® grinding pastes in powder form that are suitable for wastewater circulation.

# **POLISHING PASTES**

mentally-friendly and economical to utilize. In addition to pastes, we The Keramo-Finish<sup>®</sup> polishing process refines, superfinishes and have also developed powdered products for use with recirculation produces mirror-bright, high polish surfaces. Rosler polishing pastes are designed to produce the required surface finish, are environsystems.

	Standard Paste	RSP 626	RSP 6264	RSP 6268	RSP 6286			
	Description	Universal grinding product	Product with enhanced grinding performance	Very strong grinding product	Extremely strong grind- ing product	q		
						Standar		
	pH Value 0.5 %	9.0 approx.	9.0 approx.	9.0 approx.	9.0 approx.			
	Steel/Iron	++	++	+	+			
	Stainless Steel	+	+	++	++			
tals	Copper/Brass	+	+	+	+			
Me	Aluminium	•	•		•			
	Zinc	•	•		•			
	Magnesium							
ations	Grinding/Deburring/ Radiussing Edges	+	++	++	++			ocina hv r
Applic	Smoothing/Polishing	+					culation	tomatic d
							recire	
	Powder Paste	RSP 506 ST	RSP 5064 S	RSP 587	RSP 5086 S			ahla f

RSP 8064

RSP 887

RSP 8086

	Standard Paste	RPP 623	RPP 627	RPP 6279	RPP 629	RPP 632 R			
	Description	Polishing product with light grinding effect.	Light grinding product with good smoothing and polishing effect.	Universal product for polishing, low grinding performance.	Polishing product with good bright- ening power.	Polishing product with good bright- ening power.	Standard		
	pH Value 0.5 %	9.0-10.0 approx.	9.0 approx.	9.0 approx.	9.0 approx.	9.0 approx.			
	Steel/Iron	++	+	++	+	+			
	Stainless Steel	+	++	++	+	+			
tals	Copper/Brass	•	+	++	++	++			
Met	Aluminium	•	•	•		•			
	Zinc	•	•	•		•			
	Magnesium								du
suc	Grinding/Deburring/ Radiussing Edges	+	+	+	•	•			g by pu
plicatio	Smoothing/Polishing	+	++	++	++	++		c	c dosin
Ap	Polishing	+	+	++	++	++		culatio	tomati
								recire	or au
	Powder Paste	RPP 503	RPP 527	RPP 579	RPP 590	RPP 520			able f
	Liquid Dosable	RPP 803	RPP 827	RPP 879	RPP 890	RPP 820			Suit

Standard Paste	RPP 623	RPP 627	RPP 6279	RPP 629	RPP 632 R			
Description	Polishing product with light grinding effect.	Light grinding product with good smoothing and polishing effect.	Universal product for polishing, low grinding performance.	Polishing product with good bright- ening power.	Polishing product with good bright- ening power.	Standard		
pH Value 0.5 %	9.0-10.0 approx.	9.0 approx.	9.0 approx.	9.0 approx.	9.0 approx.			
Steel/Iron	++	+	++	+	+			
Stainless Steel	+	++	++	+	+			
Copper/Brass	•	+	++	++	++			
Aluminium	•	•	•		•			
Zinc	•	•	•		•			
Magnesium								d L
Grinding/Deburring/ Radiussing Edges	+	+	+	•	•			ıg by pı
Smoothing/Polishing	+	++	++	++	++		<b>_</b>	c dosin
Polishing	+	+	++	++	++		culatio	tomati
							recire	or au
Powder Paste	RPP 503	RPP 527	RPP 579	RPP 590	RPP 520			able f
Liquid Dosable	RPP 803	RPP 827	RPP 879	RPP 890	RPP 820			Suit

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Sui

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• = conditionally suitable/less

++	= very well suited/high	

Liquid Dosable

RSP 806

+ = suitable/average

• = conditionally suitable/less



# **BALL BURNISHING AND AUXILLARY MEDIA**

### Ball Burnishing and Pressure Deburring

Rosler's stainless steel media is available in a variety of shapes, including ball, ballcone, satellite and pin, for high-lustre burnishing and pressure deburring of ferrous and non-ferrous metal components.

					m	im	i	n –
Stainless Steel Polishing	Media Ma	aterials	Designation		а	b	а	b
Balls	AIS AIS AIS	SI 304 = 1.4301 SI 420 = 1.4034 SI 316 = 1.4401	RESK 2 RESK 3 RESK 4	00 00	2.0 3.0 4.0		0.08 0.12 0.16	
Satellites	AIS AIS	SI 304 = 1.4301 SI 420 = 1.4034	SAT03/05 SAT05/07 SAT8/12	b ro	3 5 8	5 7 12	0.12 0.20 0.31	0.20 0.28 0.47
Pins	AIS AIS AIS	SI 304 = 1.4301 SI 420 = 1.4034 SI 1086 = 1.0616	RESA 03/09	©a b	3	9	0.12	0.35

Other shapes and sizes available upon request.

## BALL BURNISHING AND PRESSURE DEBURRING COMPOUNDS

	Туре	FC 410	FC 416-D	FC 430	FC 460	FC 485/4
	Description	Etching compound, sul- furic acid.	Polishing, cleaning compound, citric acid.	Etching and polishing compound for all non ferrous metals and stainless steel, citric adic.	Etching and polishing compound for all non ferrous metals and stainless steel, citric and sulfamic acid.	Etching and polishing compound for all non ferrous metals and stainless steel, phos- phoric acid.
	pH Value 0.5 %	1.8	4.0	2.6	2.5	2.2
	Steel/Iron	+		•		+
	Stainless Steel	+		++	++	++
tals	Copper/Brass	+	+	++	+	+
Met	Aluminium		+	++	++	+
	Zinc		+	+	+	+
	Magnesium					
	<b>Corrosion Protection</b>	•	•			
	Cleaning	+	++	++	+	+
ies	Degreasing		•	•	+	•
pert	Brightening	+	++	++	++	++
Pro	Smoothing	+	++	++	++	++
	Pickling	++	+	+	+	+
	Foam	+	+	++	+	++

++ = very well suited/high

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**AUXILIARY MASS FINISHING MEDIA** AND PROCESS ADDITIVES

Dry and Polishing Media	Materials	Designation	Approx. Size (mm)	Approx. Size (in)
Corn Cob SV and SV/N	Low dust corn cob for spot- less drying, cleaning, and polishing components.	SV 6 SV 8 SV 12 SV/N 12 SV 16 SV/N 16 SV 20 SV/N 20 SV 30	3.2 - 4.5 2.0 - 3.2 1.5 - 2.0 1.0 - 1.5 0.7 - 1.0 0.5 - 0.7	0.13 - 0.18 0.08 - 0.13 0.06 - 0.08 0.04 - 0.06 0.03 - 0.04 0.02 - 0.03
Nutshell Granulate	Dust-reduced product for polishing components.	SVK 6 SVK 8 SVK 12 SVK 16 SVK 20	3.2 - 4.5 2.0 - 3.2 1.5 - 2.0 1.0 - 1.5 0.7 - 1.0 0.5 - 0.7	0.13 - 0.18 0.08 - 0.13 0.06 - 0.08 0.04 - 0.06 0.03 - 0.04 0.02 - 0.03
Glass Beads	Sodium - potassium glass	RGK RGK RGK	Ø 3 Ø 4 Ø 5	Ø 0.12 Ø 0.16 Ø 0.2
Anti-adhesion beads	Prevents the sticking of flat components in all grinding operations.	RAT 1 RAT 2	0.3 - 0.9 0.05 - 0.25	0.01-0.04 0.001-0.01

	Туре	R 50	R 35E	CDA
	Description	Grinding additive for increasing grinding performance and/or media cleaning	Universal degreasing powder with corrosion protection	Liquid compound de-foaming agent to help control excessive foaming
	pH Value 0.5 %	9.0	10.3	7.0
	Steel/Iron	+	++	+
	Stainless Steel	+	+	+
als	Copper/Brass	++	+	+
Met	Aluminium		+	+
	Zinc		+	+
	Magnesium		•	
	Grinding/Deburring/ Radiussing Edges		++	+
ions	Degreasing/De-oiling		++	
olicat	Smoothing/Polishing	++	+	
App	Polishing			
	Ball polishing			
	Corrosion Protection	+	++	
ies	Cleaning	+	++	
pert	Degreasing		++	
Pro	Brightening	+	+	
	Foam	•	+	

Additional special ball burnishing and pressure deburring compounds are available. Inquire about the line of Rosler ball burnishing machines that are specially equipped for these tough applications.



# **PROCESS WATER CLEANING**



#### **Effluent Treatment**

Rosler's special recirculation compounds, combined with process water cleaners and flocculants work together to achieve the required finish, while keeping the process water clean and stable. Ask us about our treatment options using:

- ▶ process water centrifuges with Turbo-Floc<sup>®</sup> technology
- process water separators and settling tanks
- auxiliary equipment, such as buffer tanks, reaction tanks, and lifting stations

## **Chemical and Mechanical Effluent Treatment**

Chemical and mechanical effluent treatment systems complete supplied and continuing research and development we have our range of equipment and processing chemicals. Rosler spethe expertise to provide safe and economical effluent treatment cializes in semi-automatic and fully automatic flocculation systems regardless of how specific your requirements are. with capacities from 13 to 1300 gal/h. With over 10,000 systems

#### **Recirculation Process**

When using a recirculation process rather than traditional surface finishing without process water recirculation, you can achieve savings of up to 80% in compound usage and 95% in process water consumption.



## **Our Process Water Additives**

Liquid products for circulation processes.

Туре	AR 8403	AR 8404	AR 8405	AR 8407			
Function	Cationic polymers for effective circulation cleaning						
Consumption Value In supply status or after pre-dilution with water in ratio 1:4 to 1:10; approx. 0.00624 - 0.0624 lb/ft3							

Powder products for chemical/physical process water treatment.

Туре	AR 7120	AR 7134	
Function	For centrifugre applications.		

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Rosler Metal Finishing USA, LLC offers the widest range of surface finishing equipment in the industry, including mass finishing and shot blasting equipment, media, compounds and effluent treatment. We serve North American customers from our 300,000 sq. ft. manufacturing campus in Battle Creek and support global customers through our worldwide network.

Our company slogan "finding a better way..." is exactly what we do. After evaluating what the end result should be, our highly-trained employees choose from the most extensive product range in the industry to develop unbiased, cost-effective solutions. Send us your challenge.



In addition to branch locations, Rosler has more than 150 representative located world-wide, visit www.rosler.com for more information.

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