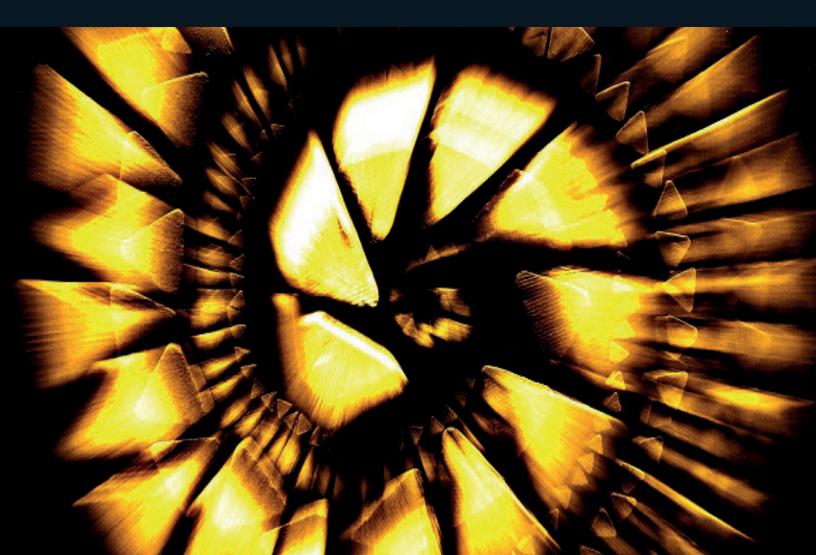


Consumables



Vibratory finishing systems, working in perfect harmony



When it comes to dealing with surface finishing and surface preparation problems, Rosler offers **the total process solution**! Our customers can choose between two processing technologies, **Vibratory finishing or Shot blasting**, which offer virtually unlimited possibilities. Through extensive processing trials, we always find the right finishing solution for our customer's needs. This includes not only the development of a specific finishing process, but also the selection of the right equipment and consumables. We deliver the total solution to satisfy your surface finishing requirements.

It is not by chance that our innovative developments and our high quality standards have established Rosler as the world technology and market leader in surface finishing and surface preparation.



In more than 60 countries we support our customers with a closely-knit network of Rosler subsidiaries and sales representatives.

We are the only company in our field operating test and demonstration centres throughout the world. This allows us to run test trials under real production conditions similar to our customers. This offers several advantages: Our customers save time and money, and at the same time – through our professional processing trials and advice – they are assured of receiving the best process solutions and products available on the market!

Rosler Metal Finishing USA, LLC's headquarters in Battle Creek Michigan covers nearly 300,000 square feet and serves our customers with mass finishing and shot blasting equipment, consumables and the best after sales service support. Our campus features separate media production facilities, allowing us to be responsive to our customers' needs in both composition and supply. Over 95% of the media sold in North America - both ceramic and plastic - is made here in the US!

Test centres around the world

Our main test centers for vibratory finishing and shot blasting are located at the Rosler North American headquarters in Battle Creek, MI:

- Nearly 30 different mass finishing and shot blast machines
- On an area of about15,000 sqft

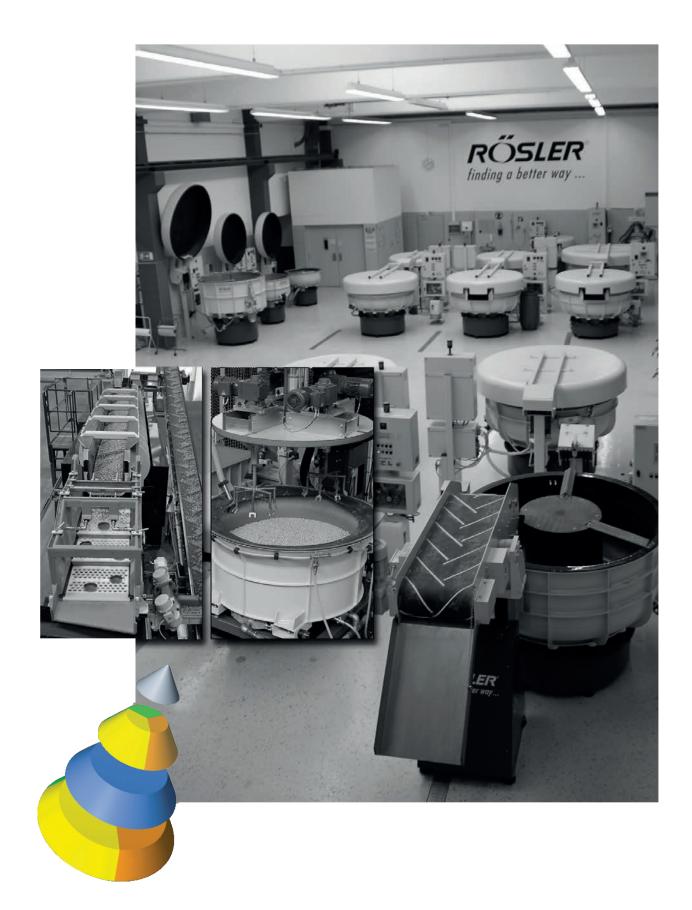
Similar test centres are located in the Germany, Great Britain, France, the Netherlands, Belgium, Switzerland, Spain, Italy, Austria, South Africa, Brazil, India and Serbia.

Complete process solutions

- Machines, consumables and safety work in perfect harmony
- Efficiently linked mass finishing and shot blasting processes.
- Service teams available to perform installation and setup.
- Training for your staff and employees
- After-Sales support and service

Rosler is a dynamic company, in which the initiative and commitment of each single employee plays a key role. Systematic, ongoing training and a cooperative management style combined with a lean organisational structure are key elements of our employee-focused philosophy. Naturally, our comprehensive training program ensures that today we are already grooming the skilled employees of tomorrow.

Team spirit





Fields of Application



Consumables

When it comes to mass finishing consumables, no one in the industry can match the extent of the Rosler product line, or our industry experience. Starting over 60 years ago with the production of high quality ceramic media at our plant in Bad Staffelstein, Germany. We have expanded the production capabilities in Germany and the US to plastic media, compounds, waste water treatment chemicals and other axillary consumables for mass finishing. Currently we offer over 8000 different items to meet your specific surface finishing needs. Quality is another area in which Rosler cannot be matched. We manufacture our consumables to the highest quality control standards. Our standards for environmental protection are just as high. We use environmentally-friendly raw materials, and ensure that our manufacturing process maintains the highest standards for keeping the environment clean.



for Rosler Consumables

6 - 7



8 - 13



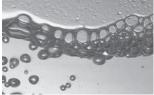
14 - 17



18 - 23



24 - 25



Effluent Treatment

Auxillary Media

26 - 27



Overview

Selection Criteria for Rosler Consumables

Surface Finishing

Deburring · Rough grinding · Fine grinding · Smoothing · Polishing · Radiussing · Cleaning · Degreasing · Descaling · Corrosion Protection & Rust Removal · Ball Burnishing · Pressure Deburring

Media	Composition	The media composition determines the rate of material removal and the achievable 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 performs. Polishing and fine finishing compositions are usually available in small to medium sizes, fast cutting compositions are available in small to large sizes.
	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.
	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.
	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 media be smaller than the components. Ferrous components may be separated 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	Туре	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. Compounds keep the surfaces of the components and media clean, and can also provide corrosion protection and/or degreasing. In order to determine the right compound for the process you must consider: • the material of the component • the required surface finish • the required surface finish • the individual application and process requirements • the method of waste water treatment or recycling 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 degreasing and media cleaning.
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.
	Grinding Additive	To enhance the grinding performance of media in certain applications, a grinding additive is used.

Special Processes

Protection & Rust Removal · Ball Burnishing · Pressure Deburring

Rosler Keramo-Finish®	Media	RP and RCP ceramic processes.
	Compound	This process requires and ZF series compo
Ball Burnishing and Pressure Deburring	Media	Stainless steel media finishing system.
	Compound	FC series ball burnish
Dry Polishing	Media	Rosler polishing media polishing pastes.
	Compound	Rosler dry polishing p
ISF [®] Chemically Accelerated Finishing	Media	Special high density of
	Compound	Specialty compound t



Catalogs are available upon request and on our website at www.rosler.us

To process your components we manufacture a complete line of surface finishing equipment: Rotary Bowls · Trough · Continuous Flow Systems · Multi-Channel · Long Radius · Plunge Finishers · High Energy Centrifugal Disc Systems · Drag Finishing Systems · Surf Finishing Systems · Dryers · Waste Water Treatment

finishing requirements.

If you have any questions, our process specialist will be happy to help!



Deburring · Rough grinding · Fine grinding · Smoothing · Polishing · Radiussing · Cleaning · Degreasing · Descaling · Corrosion

media with minimum abrasion are used for the finishing and polishing

a combination of Keramo-Finish RSP and RPP pastes, followed by Rosler FC ounds for rinsing off the pastes and final polishing.

(RESK, RESA or SAT) is used to burnish or pressure-deburr parts in the surface

hing compounds are used to provide optimum results.

ia SV and SVK series are used for this process. They are pre-treated with dry

pastes - RPP 7 and RSP 7 series.

ceramic ISF media.

for chemically accelerated finishing.

Please contact our process specialists to discuss your individual surface

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.



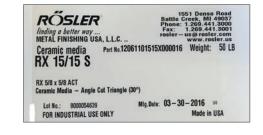
Available Compositions

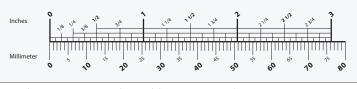
Composition	Finish	Cut	Typical Applications
RP	Polished	None	High gloss polishing, KeramoFinish
RF	Very fine	Very low	Polishing
RHD	Very fine	Very low	Polishing, chemically accelerated finising, cleaning, high density media
RCP	Very fine	Very low	Light deburring in high energy applications, chemically 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
RMB/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 "d
		in	sct	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	0.0102.0 × 0
		mm	F	08, 10, 15, 20, 30	
		in	т	5/16, 3/8, 5/8, 3/4, 1-1/8	1 x "a"
		mm	s	02, 03, 04, 05, 06, 07, 08, 09, 10, 13, 15, 20, 22, 25, 30, 40, 45, 50	0.5 to 2.5 x "
~		in	ACT	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	0.3 to 2.3 x (
		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 "d
		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	0.5 10 2.5 x 0
		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 "d
-		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, 1-1/8	0.010 2.0 x 1
	\square	mm	QZ	08, 10, 12.5, 15, 20, 22, 25, 38, 50	1.1 × "a"
	200 V V	in	тс	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"
1	\triangleleft	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
and the second		in	ACE	5/16, 5/8, 5/8, 3/4, 3/4, 1, 1	
		mm	DZ	03, 04, 06, 08, 10, 15, 20, 25, 30	0.5 to 1.5 x "d
		in	SCTRI	1/8, 5/32, 1/4, 5/16, 3/8, 5/8, 3/4, 1, 1-1/8	0.3101.3 x 0
		mm	DZS	04, 06, 08, 10, 15, 20, 25, 30, 35	0.5 to 1.5 x "c
		in	ACTRI	5/32, 1/4, 5/16, 3/8, 5/8, 3/4, 1, 1-1/8, 1-3/8	0.3101.3 x 0
	L.	mm	w	10, 15, 20	0 () 1 // /
		in	ARR	3/8, 5/8, 3/4	- 0.6 to 1 x "a'
		mm	Р	15, 25, 30, 35, 40, 45	
		in	TET	3/4, 1-1/8, 1-3/8, 1-5/8, 1-3/4	n/a
	$\square \square$	mm	к	19, 30, 35, 40, 45, 60	
		in	ттс	3/4, 1-1/8, 1-3/8, 1-5/8, 1-3/4, 2-3/8	n/a
0.0	20 	mm	G	1.2, 02, 03, 04, 05, 06, 08, 11	
-20. 8		in	BLS	1/21, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 7/16	n/a

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





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

Ceramic Media



Composition	Approx. Bulk Density Ibs/ft ³	Grinding Performance	Grinding Result
RP	115		
RF	95		a ng ng na ng
RHD	140		parati ang ang ang ang Digan
RCP	145		ىرىيەتلەرلەت _{يېر}
RM	98		and a start of the second s
RPM	98		how we have
RS	100		whi / Juni t

Г	Trianalo	Straight Cut	Trianak	e Rounded	Triana	le Angle Cut	Culinda	· Straight Cut	Cylinde	er Angle Cut	Tri Cyl		Fllips	e Straight Cut	Ellips	e Angle Cut	Tristor	Straight Cut	Tristar	Angle Cut	Arro	whead	Pyrc	mid	Cc		1	Balls
	mungle d	Sinaigini Cui		, NOUNDEU	mungi	ic Aligie Cui	Cymuel	Siruigni Cul		n Angle Cui			Linba		Linbs			Sinaiyili Cul	insidi .	nigie Cui	Allo	, , , , , , , , , , , , , , , , , , ,		edron		110		50115
Shape									C						đ												-	
Measurement	۹	\$ \$	F D -	∑ ¢	- T		8		8)	0.0					a b	م []	**##	σ					€° ↓		a	{	²⁰
	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
Designation	D	SCT	F	Т	S	ΑСΤ	Z	SCC	ZS	ACC	QZ	тс	E	SCE	ES	ACE	DZ	SCTRI	DZS	ACTRI	W	ARR	Р	TET	K	CN	G	BLS
	04/04 06/06 10/10	5/32 × 5/32 1/4 × 1/4 3/8 × 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 × 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 × 5/8 × 1/4 3/4 × 3/4 × 3/8	04/04 06/06 10/10	5/32 × 5/32 1/4 × 1/4 3/8 × 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 x 1/8 1/4 x 1/4 11/32 x 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 × 3/16 5/32 × 3/8 1/2 × 3/4 5/8 × 5/8 3/4 × 1-3/4	15	5/8	15/20/08	5/8×3/4×5/16			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 1	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 1-1/8 1-5/8 x 5/8	06/10 10/20 15/30	1/4 × 3/8 3/8 × 3/4 5/8 × 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 × 3/16 5/32 × 3/8 3/16 × 3/8 1/4 × 1/2 5/16 × 5/8 3/8 × 3/4 1/2 × 7/8 5/8 × 3/4 11/16 × 1-5/8 1 × 1	10 12.5 15 25 38	3/8 1/2 5/8 1 1-1/2			15/15/06	5/8×5/8×1/4	04/04 06/06 10/10	5/32 × 5/32 1/4 × 1/4 3/8 × 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.



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

Ceramic Media

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 Ibs/ft ³	Grinding Performance	Grinding Result
RSG	98		and wayshe
RXF	103		-
RX	102		manda
RMB/D1	100		un testeraphy and the
RXX	105		Mon
RXXD	105		had the second

Triang	e Straight Cut	Triangle	e Rounded	Triangle	e Angle Cut	Cylinder	Straight Cut	Cylinde	er Angle Cut	Tri (Cyl	Ellips	e Straight Cut	Ellipse	e Angle Cut	Tristar	Straight Cut	Tristar	Angle Cut	Arro	whead	Pyramic hec	l Tetra- Iron	Со	one		Balls
								Ć		0				Å						4						and the second	
a		F D -		a 🗌 🗌	b l	8		8)	(ea)						σ	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	□		, , ,			€° €	0	a		20
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	TC	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	1/8 × 1/8 5/32 × 5/32 1/4 × 1/4 3/8 × 3/8	10/10 15/15	3/8 × 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 × 5/8 × 1/4 3/4 × 3/4 × 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	3/8 x 3/8 5/8 x 3/8			06/06 10/06 10/15 15/18	1/4 x 1/4 3/8 x 1/4 3/8 x 5/8 5/8 x 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 × 1/2 5/8 × 1/4								
04/04 05/05 10/10	3/16 x 3/16	15/15 20/20	5/8 × 5/8 3/4 × 3/4	06/10 08/08 10/15 15/15 20/10 20/20 25/25 30/12 40/15 40/20	1/4 × 3/8 5/16 × 5/16 3/8 × 5/8 5/8 × 5/8 3/4 × 3/8 3/4 × 3/4 1 × 1 1-1/8 × 1/2 1-5/8 × 5/8 1-5/8 × 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 × 3/16 3/16 × 5/16 9/32 × 5/8 5/16 × 5/8 3/8 × 3/4 1/2 × 1 5/8 × 3/4 7/8 × 1-5/8 1-1/8 × 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 × 5/32 1/4 × 1/4 3/8 × 3/8										
06/06 10/10				10/10 13/13 15/18	3/8 × 3/8 1/2 × 1/2 5/8 × 3/4			05/10 07/15 10/20	3/16×3/8 9/32×5/8 3/8×3/4	08	5/16	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		
06/06 10/10 15/10 15/15	3/8 × 3/8 5/8 × 3/8		5/8 × 5/8 3/4 × 3/4		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	05/10 07/15	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	5/8×7/8×5/16			15/07	3/8 × 1/4 5/8 × 9/32 1-1/8 × 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	1/4 x 1/4	10/12 15/07	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.



	Ca	one	A	ctual Dimensions mn	1		Actual Dimensions in	
	К	CN	a	Ь	c	a	Ь	с
	08	5/16	7	10		9/32	3/8	
	10	3/8	10	10		3/8	3/8	
Ь	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	
ſ	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)	A	ctual Dimensions mn	ı		Actual Dimensions in	
b	KR	RTC	a	b	c	a	b	c
	14	9/16	14	13		9/16	1/2	
a +	19	3/4	14	17		3/4	11/16	
		· · ·	17	17		5/4	11/10	
	Pyramid (1	Tetrahedron)		ctual Dimensions mr	n		Actual Dimensions in	I
	Р	TET	a	b	c	a	b	c
	10	3/8	10			3/8		
a	12	1/2	12			1/2		
	20	3/4	20			3/4		
	30	1-1/4	30			1-1/4		
F .	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)		1	Actual Dimensions m	n		Actual Dimensions ir	ļ
b	PQ	PY SQ	a	b	c	α	b	c
	06	1/4	6	7		1/4	9/32	
	10	3/8	10	13		3/8	1/2	
						1		
		iamond Base)		Actual Dimensions mr			Actual Dimensions in	
1º	PD	PYR DIA	a	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]
	Tri	istar		Actual Dimensions m	n		Actual Dimensions ir	1
b	DZ	ST	a	b	c	a	b	с
	40/13	1-3/8	36	13		1-3/8	1/2	
				Actual Dimensions m	n		Actual Dimensions ir	
1	Triz	anale				+ '	1	c
		angle T		h	r		l h	
	D	Т	۵	b	с 8	a 11/32	b	
Te le	D 08	T 3/8	a 9	6	8	11/32	1/4	5/16
- Te	D 08 12	T 3/8 5/8	a 9 16	6 12	8 8	11/32 5/8	1/4 1/2	5/16 5/16
a la	D 08 12 15	T 3/8 5/8 7/8	a 9 16 25	6 12 14	8 8 13	11/32 5/8 1	1/4 1/2 9/16	5/16 5/16 1/2
e e	D 08 12 15 20	T 3/8 5/8 7/8 1-1/4	a 9 16 25 27	6 12 14 14	8 8 13 15	11/32 5/8 1 1-1/8	1/4 1/2 9/16 9/16	5/16 5/16 1/2 5/8
e a	D 08 12 15 20 35	T 3/8 5/8 7/8 1-1/4 1-1/2	a 9 16 25 27 47	6 12 14 14 26	8 8 13 15 24	11/32 5/8 1 1-1/8 1-7/8	1/4 1/2 9/16 9/16 1	5/16 5/16 1/2 5/8 1
	D 08 12 15 20	T 3/8 5/8 7/8 1-1/4	a 9 16 25 27	6 12 14 14	8 8 13 15	11/32 5/8 1 1-1/8	1/4 1/2 9/16 9/16	5/16 5/16 1/2 5/8
	D 08 12 15 20 35 40	T 3/8 5/8 7/8 1-1/4 1-1/2	a 9 16 25 27 47 42	6 12 14 14 26	8 8 13 15 24 30	11/32 5/8 1 1-1/8 1-7/8 1-5/8	1/4 1/2 9/16 9/16 1	5/16 5/16 1/2 5/8 1 1-1/8
	D 08 12 15 20 35 40	T 3/8 5/8 7/8 1-1/4 1-1/2 1-3/4	a 9 16 25 27 47 42	6 12 14 14 26 32	8 8 13 15 24 30	11/32 5/8 1 1-1/8 1-7/8 1-5/8	1/4 1/2 9/16 9/16 1 1-1/4	5/16 5/16 1/2 5/8 1 1-1/8
a la	D 08 12 15 20 35 40	T 3/8 5/8 7/8 1-1/4 1-1/2 1-3/4	a 9 16 25 27 47 42	6 12 14 14 26 32 Actual Dimensions m	8 8 13 15 24 30 n	11/32 5/8 1 1-1/8 1-7/8 1-5/8	1/4 1/2 9/16 9/16 1 1-1/4 Actual Dimensions in	5/16 5/16 1/2 5/8 1 1-1/8
	D 08 12 15 20 35 40 W DK	T 3/8 5/8 7/8 1-1/4 1-1/2 1-3/4	a 9 16 25 27 47 42 42 a	6 12 14 14 26 32 Actual Dimensions mu b	8 8 13 15 24 30 n	11/32 5/8 1 1-1/8 1-7/8 1-5/8	1/4 1/2 9/16 9/16 1 1-1/4 Actual Dimensions ir b	5/16 5/16 1/2 5/8 1 1-1/8
	D 08 12 15 20 35 40 W DK 16/25	T 3/8 5/8 7/8 1-1/4 1-1/2 1-3/4	a 9 16 25 27 47 42 42 a 25	6 12 14 14 26 32 Actual Dimensions mm b 16	8 8 13 15 24 30 n	11/32 5/8 1 1-1/8 1-7/8 1-5/8 a 1	1/4 1/2 9/16 9/16 1 1-1/4 Actual Dimensions in b 5/8	5/16 5/16 1/2 5/8 1 1-1/8
a a b b	D 08 12 15 20 35 40 W DK 16/25 22/38	T 3/8 5/8 7/8 1-1/4 1-1/2 1-3/4	a 9 16 25 27 47 42 42 a 25 38	6 12 14 14 26 32 Actual Dimensions m b 16 22	8 8 13 15 24 30 n	11/32 5/8 1 1-1/8 1-7/8 1-5/8 a 1 1 1/2	1/4 1/2 9/16 9/16 1 1-1/4 Actual Dimensions in b 5/8 7/8	5/16 5/16 1/2 5/8 1 1-1/8

	Co	one	Α	ctual Dimensions m	n		Actual Dimensions in	
ſ	К	CN	a	b	c	a	b	c
[08	5/16	7	10		9/32	3/8	
	10	3/8	10	10		3/8	3/8	
ь	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]	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)	A	ctual Dimensions m	n		Actual Dimensions in	
b	KR	RTC	a	b	c	a	b	c
	14	9/16	14	13	-	9/16	1/2	-
	19	3/4	19	17		3/4	11/16	
		· · · · ·				1		
-	Pyramid (I P	Tetrahedron) TET		ctual Dimensions m b		1	Actual Dimensions in b	
-	10	3/8	a 10	0	c	a 3/8	a	c
4	10	1/2	10			1/2		
2	20	3/4	20			3/4		
	30	3/4	30			1-1/4		
		· · · · · · · · · · · · · · · · · · ·				-		
	40	1-5/8	40			1-5/8		
-	50	2	50			2		
r	60	2-3/8	60			2-3/8		
	80	3-1/8	80			3-1/8		
	Pyramid (S	iquare Base)	4	Actual Dimensions m		Actual Dimensions in		
b	PQ	PY SQ	a	b	c	a	b	c
	06	1/4	6	7		1/4	9/32	
	10	3/8	10	13		3/8	1/2	
	Pyramid (Di	iamond Base)	A	ctual Dimensions m	m		Actual Dimensions in	
Te	PD	PYR DIA	a	b	c	a	b	с
X	37	1-5/8	37	25	22	1-1/2	1	7/8
3	45	1-3/4	45	33	22	1-3/4	1-1/4	7/8
1ª	50	2	50	49	26	2	1-7/8	1
	T.:	istar	A	Actual Dimensions m	m	· 	Actual Dimensions in	
4	DZ	ST	a	Ь		a	b	
a b					c			c
	40/13	1-3/8	36	13		1-3/8	1/2	
	Tric	angle	A	Actual Dimensions m	m		Actual Dimensions in	
	D	Т	a	Ь	c	a	b	c
T	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
	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
	We	edge	A	Actual Dimensions m	m		Actual Dimensions in	
5	DK	WDG	a	Ь	c	a	b	c
b	16/25	1	25	16		1	5/8	
		1-1/2	38	22		1 1/2	7/8	
5	22/38	1 1/4						
		2	50	29		2		
1- 3	22/38 29/50 32/62	+ +				+	1-1/8 1-1/4	

ļ	Co	ne	A	ctual Dimensions mr	n		Actual Dimensions in		
l	К	CN	a	Ь	c	a	b	c	
ļ	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		
↓ į	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	nded Top)	A	ctual Dimensions mr	n		Actual Dimensions in		
b	KR	RTC	α	b	c	α	b	c	
-	14	9/16	14	13		9/16	1/2		
	19	3/4	19	17		3/4	11/16		
	Pyramid (T	etrahedron)		Actual Dimensions m	n		Actual Dimensions in		
	Р	TET	۵	b	c	a	Ь	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	quare Base)	1	Actual Dimensions m	n		Actual Dimensions in	ín	
b	PQ	PY SQ	a	b	c	a	b	c	
	06	1/4	6	7		1/4	9/32		
а	10	3/8	10	13		3/8	1/2		
	Pyramid (Di	amond Base)		Actual Dimensions m	n	1	Actual Dimensions in		
5.	PD	PYR DIA	a	b	c	a	Ь	с	
1º	37	1-5/8	37	25	22	1-1/2	1	7/8	
7	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	
	1			Actual Dimensions m		1			
-		star		1			Actual Dimensions in		
b	DZ	ST	۵	b	c	a	b	c	
	40/13	1-3/8	36	13		1-3/8	1/2		
	Tria	ngle		Actual Dimensions m	m		Actual Dimensions in	l	
	D	Т	a	Ь	c	a	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	
¢		7/8	25	14	13	1	9/16	1/2	
- K	15		07	14	15	1-1/8	9/16	5/8	
- C	20	1-1/4	27						
M.	20 35	1-1/4 1-1/2	47	26	24	1-7/8	1	1	
- M	20	1-1/4			24 30	1-7/8 1-5/8	1	1 1-1/8	
M.	20 35 40	1-1/4 1-1/2	47 42	26	30	1-5/8		1-1/8	
M. W.	20 35 40	1-1/4 1-1/2 1-3/4	47 42	26 32	30	1-5/8	1-1/4	1-1/8	
- C- H	20 35 40	1-1/4 1-1/2 1-3/4	47 42	26 32 Actual Dimensions m	30 m	1-5/8	1-1/4 Actual Dimensions in	1-1/8	
Money March	20 35 40 We DK	1-1/4 1-1/2 1-3/4 dge WDG	47 42 a	26 32 Actual Dimensions m b	30 m	1-5/8	1-1/4 Actual Dimensions in b	1-1/8	
Maren Mar	20 35 40 DK 16/25	1-1/4 1-1/2 1-3/4 dge WDG 1	47 42 a 25	26 32 Actual Dimensions m b 16	30 m	1-5/8	1-1/4 Actual Dimensions in b 5/8	1-1/8	

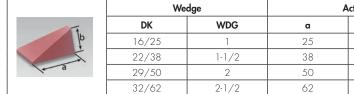
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In $3/8$ $3/8$ $3/8$ $3/8$ $3/8$ In $0/16$ 14 19 $0/16$ $3/8$ $3/8$ In $0/16$ $5/8$ 16 16 $5/8$ $5/8$ 20 $3/4$ 20 20 $3/4$ $3/4$ 11 20 $3/4$ 20 20 $3/4$ $3/4$ $3/4$ 20 $3/4$ 20 20 $3/4$ $3/4$ 11 30 $1-1/4$ 21 20 $3/4$ $11/4$ $11/4$ 40 $1-5/8$ 42 42 $15/8$ $15/8$ $11/8$ 50 2 50 55 2 $1/8$ $11/6$ 12 $1/2$ 17 $3/4$ 19 $17/2$ $3/4$ $11/6$ 10 $3/8$ 10 $17/2$ $1/2$ $1/2$ $1/2$ 10 $3/8$ 10 $1/$	
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25 1 25 25 1 1 1 30 $1-1/4$ 31 30 $1-1/4$	
30 $1-1/4$ 31 30 $1-1/4$ $1-1/6$ 2 $2-1/8$ 2 $2 -1/8$	
40 $1.5/8$ 42 42 1.5/8 $1.5/8$ $2.1/8$ 50 2 50 55 2 $2.1/8$ Actual Dimensions mm Actual Dimensions m KR RIC a b c a b c 14 9/16 14 13 9/16 1/2 1	
50 2 50 55 2 2.1/8 Cone (Rounded Top) Actual Dimensions mm Actual Dimensions m Actual Dimensions m Actual Dimensions m KR RTC a b c a b I/2 14 9/16 14 13 9/16 1/2 1/2 Participation Actual Dimensions mm Actual Dimensions m Actual Dimensions m Actual Dimensions m Pyramid (Tertubedron) Actual Dimensions m Actual Dimensions m Actual Dimensions m Actual Dimensions m P TET a b c a b c 10 3/8 10 3/8 10 3/8 10 11/4 11/14	C
Cone (Rounded Top) Actual Dimensions mm Actual Dimensions in KR RTC a b c a b 14 9/16 14 13 9/16 1/2 1 19 3/4 19 17 3/4 11/16 Pyramid (tertohedron) Actual Dimensions mm Actual Dimensions in b c a b b c a b c a b c a b c a b c a b c a b c a b c a b a c a b a c a </td <td>C</td>	C
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19 $3/4$ 19 17 $3/4$ $11/16$ Pyramid (letrahedron) Actual Dimensions mm Actual Dimensions mm Actual Dimensions mm Actual Dimensions mm P TET a b c a b 10 $3/8$ 10 3/8 10 3/8 10 12 $1/2$ 12 1/2 1/2 1/2 1/2 20 $3/4$ 20 3/8 1 1/2 1/2 20 $3/4$ 20 3/8 1 1/2 1/2 20 $3/4$ 20 3/8 1 1 1/4 1/2 30 $1-1/4$ 30 2 3/8 1 1 1 40 $15/8$ 40 1 1 1 1 1 1 1 50 2 50 2 50 2 1 1 1 1 10 3/8 10 <	
Pyramid (Extrahedron) Actual Dimensions mm Actual Dimensions m Actual Dimensions in P FT a b c a b in 10 3/8 10 3/8 10 3/8 10 1/2 20 3/4 20 3/4 10 3/4 10 1/2 20 3/4 20 3/4 10 1/2 1/2 1/2 20 3/4 20 3/4 10 1/4 1 1 30 1-1/4 30 1-1/4 1 1 1 1 40 15/8 40 1-5/8 1 <t< td=""><td></td></t<>	
P TET a b c a b 10 3/8 10 3/8 10 3/8 10 12 1/2 1/2 1/2 1/2 1/2 1/2 1/2 20 3/4 20 3/4 11/4 30 3/4 10 30 11/4 30 11/4 30 11/4 14 14 40 15/8 40 15/8 10 15/8 10 15/8 50 2 50 2 23/8 10 31/8 10 11 Promid (Square Base) Actual Dimensions mm Actual Dimensions in Pm Pm Pm Pm S0 12 1/4 9/32 10 13 3/8 1/2 IO 3/8 10 13 3/8 1/2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <	
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12 1/2 12 1/2 1/2 20 3/4 20 3/4 20 3/4 20 30 1-1/4 30 1-1/4 30 1-1/4 1/2 1/2 40 1-5/8 40 1-5/8 40 1-5/8 1 50 2 50 2 50 2 1 1 60 23/8 60 2-3/8 1 3-1/8 1 1 60 23/8 60 2-3/8 1 3-1/8 1 1 7 1/4 6 7 1/4 9/32 1 <	с
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80 $3\cdot1/8$ 80 $3\cdot1/8$ Actual Dimensions mm Actual Dimensions in PQ PY SQ a b c a b c 06 $1/4$ 6 7 $1/4$ 9/32 10 3/8 1/2 PQ PY SQ a b c a b c 06 $1/4$ 6 7 $1/4$ 9/32 1/4 9/32 1/4 1/2 1/4 1/2 1/2 1/4 1/2 1/4 1/2 1/4 1/2 1/4 1/2 1/4 1/2 1/4 1/2 1/4 1/2 1/4	
Pyramid (Square Base) Actual Dimensions mm Actual Dimensions mm Actual Dimensions in PQ PY SQ a b c a b a a b a a a a b a a a a a<	
PQ PY SQ a b c a b 06 1/4 6 7 1/4 9/32 1 10 3/8 10 13 3/8 1/2 Pyramid (biomond Base) Actual Dimensions mm Actual Dimensions in PD PYR DIA a b c a b c 3/7 1.5/8 37 25 22 1.1/2 1 1 1 45 1 45 1.3/4 45 33 22 1.3/4 1.1/4 9/32 1	
O6 1/4 6 7 1/4 9/32 10 3/8 10 13 3/8 1/2 Pyramid (Dimond Base) Actual Dimensions mm Actual Dimensions in 97 978 DIA a b c a b 37 1.5/8 37 2.5 2.2 1.1/2 1 45 1.3/4 4.5 3.3 2.2 1.3/4 1.1/4 50 2 50 4.9 2.6 2 1.7/8 DZ ST a b c a b c 40/13 1.3/8 3.6 13 1.3/8 1/2 1 DZ ST a b c a b c 40/13 1.3/8 3.6 1.3 1.3/8 1/2 1 Mathematical State State State State State State 6 8 3/8 9 6	
In 3/8 In In 3/8 In/2 Pyranid (Diamond Base) Actual Dimensions mm Actual Dimensions mm Actual Dimensions in PD PYR DIA a b c a b c 37 1.5/8 37 25 22 1.1/2 1 1 45 1.3/4 45 33 22 1.3/4 1.1/4 1 50 2 50 49 26 2 1.7/8 1 Tristar Actual Dimensions mm Actual Dimensions in Actual Dimensions in Actual Dimensions in DZ ST a b c a b c 40/13 1.3/8 36 13 1.3/8 1/2 1 Mathematical Dimensions mm Actual Dimensions mm Actual Dimensions in D D D T a b c a b C C C D D D D D	с
Pyramid (Diamond Base) Actual Dimensions mm Actual Dimensions in PD PYR DIA a b c a b 37 1-5/8 37 25 22 1-1/2 1 45 1-3/4 45 33 22 1-3/4 1-1/4 50 2 50 49 26 2 1-7/8 Dz Tristar Actual Dimensions mm Actual Dimensions in Actual Dimensions in DZ ST a b c a b c Model Actual Dimensions mm Actual Dimensions mm Actual Dimensions in Actual Dimensions in DZ ST a b c a b AO/13 1-3/8 36 13 1-3/8 1/2 Mathematical Structure Actual Dimensions mm Actual Dimensions in Actual Dimensions in D T a b c a b c O8 3/8 9 <td></td>	
PD PYR DIA a b c a b 37 1.5/8 37 25 22 1.1/2 1 45 1.3/4 45 33 22 1.3/4 1.1/4 50 2 50 49 26 2 1.7/8 Tristar Actual Dimensions mm Actual Dimensions in Actual Dimensions in Actual Dimensions in DZ ST a b c a b c 40/13 1.3/8 36 13 1.3/8 1/2 1 D T a b c a b c 08 3/8 9 6 8 11/32 1/4 1 12 5/8 16 12 8 5/8 1/2 1 15 7/8 25 14 13 1 9/16 1	
37 1-5/8 37 25 22 1-1/2 1 45 1-3/4 45 33 22 1-3/4 1-1/4 1 50 2 50 49 26 2 1-7/8 1-1/4	
45 1·3/4 45 33 22 1·3/4 1·1/4 50 2 50 49 26 2 1·7/8 Image: the system of the syst	с
50 2 50 49 26 2 1-7/8 Tristar Actual Dimensions mm Actual Dimensions in DZ ST a b c a b c 40/13 1-3/8 36 13 1-3/8 1/2 1/2 Triangle Actual Dimensions mm Actual Dimensions m Actual Dimensions in m D T a b c a b c 08 3/8 9 6 8 11/32 1/4 1 12 5/8 16 12 8 5/8 1/2 1/4 15 7/8 25 14 13 1 9/16	7/8
50 2 50 49 26 2 1-7/8 Tristar Actual Dimensions mm Actual Dimensions in DZ ST a b c a b c 40/13 1-3/8 36 13 1-3/8 1/2 1/2 Triangle Actual Dimensions mm Actual Dimensions m Actual Dimensions in m D T a b c a b c 08 3/8 9 6 8 11/32 1/4 1 12 5/8 16 12 8 5/8 1/2 1/4 15 7/8 25 14 13 1 9/16	7/8
DZ ST a b c a b 40/13 1·3/8 36 13 1·3/8 1/2 Triangle Actual Dimensions mm Actual Dimensions in D T a b c a b 08 3/8 9 6 8 11/32 1/4 12 5/8 16 12 8 5/8 1/2 15 7/8 25 14 13 1 9/16	1
DZ ST a b c a b 40/13 1·3/8 36 13 1·3/8 1/2 Value Triangle Actual Dimensions mm Actual Dimensions in D T a b c a b 08 3/8 9 6 8 11/32 1/4 12 5/8 16 12 8 5/8 1/2 15 7/8 25 14 13 1 9/16	
Image: Market with the second system Image: Market with the second system Image: Market with the second system Actual Dimensions in Image: Market with the second system Image: Market with the second system Actual Dimensions in Actual Dimensions in Image: Market with the second system Image: Market with the second system Actual Dimensions in Actual Dimensions in Image: Market with the second system Image: Market with the second system Image: Market with the second system Actual Dimensions in Image: Market with the second system Image: Market with the second system Image: Market with the second system Image: Market with the second system Image: Market with the second system Image: Market with the second system Image: Market with the second system Image: Market with the second system Image: Market with the second system Image: Market with the second system Image: Market with the second system Image: Market with the second system Image: Market with the second system Image: Market with the second system Image: Market with the second system Image: Market with the second system Image: Market with the second system Imad	с
Triangle Actual Dimensions mm Actual Dimensions in D T a b c a b c 08 3/8 9 6 8 11/32 1/4 12 12 5/8 16 12 8 5/8 1/2 12 15 7/8 25 14 13 1 9/16 1	
D T a b c a b 08 3/8 9 6 8 11/32 1/4 12 5/8 16 12 8 5/8 1/2 15 7/8 25 14 13 1 9/16	
08 3/8 9 6 8 11/32 1/4 12 5/8 16 12 8 5/8 1/2 15 7/8 25 14 13 1 9/16	
12 5/8 16 12 8 5/8 1/2 15 7/8 25 14 13 1 9/16	c
15 7/8 25 14 13 1 9/16	E /1/
d	5/16
	5/16
	5/16 1/2
35 1-1/2 47 26 24 1-7/8 1	5/16 1/2 5/8
40 1-3/4 42 32 30 1-5/8 1-1/4	5/16 1/2 5/8 1
Wedge Actual Dimensions mm Actual Dimensions in	5/16 1/2 5/8
DK WDG a b c a b	5/16 1/2 5/8 1
b 16/25 1 25 16 1 5/8	5/16 1/2 5/8 1
22/38 1-1/2 38 22 11/2 7/8	5/16 1/2 5/8 1 1-1/8
	5/16 1/2 5/8 1 1-1/8
	5/16 1/2 5/8 1 1-1/8
22/38 1·1/2 38 22 1 1/2 7/8	5



Co	one	A	ctual Dimensions m	m		Actual Dimensions in	l
к	CN	a	b	c	a	Ь	с
)8	5/16	7	10		9/32	3/8	
10	3/8	10	10		3/8	3/8	
4	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	
	1-1/4	31	30		1-1/4	1-1/4	
80 40 50	1-5/8	42	42		1-5/8	1-5/8	
50	2	50	55		2	2-1/8	
			ctual Dimensions m			, 2	
Cone (Rou	inded Top)	A				Actual Dimensions in	
R	RTC	α	b	c	α	b	с
4	9/16	14	13		9/16	1/2	
9	3/4	19	17		3/4	11/16	
yramid (T	etrahedron)	Α	ctual Dimensions m	m		Actual Dimensions in	1
P	TET	a	b	c	a	Ь	c
0	3/8	10			3/8		
2	1/2	12			1/2		
20	3/4	20			3/4		
30	1-1/4	30			1-1/4		
10	1-5/8	40			1-5/8		
0	2	50			2		
0	2-3/8	60			2-3/8		
0	3-1/8	80			3-1/8		
	· · ·		ctual Dimensions m	m	1		
	quare Base)			1		Actual Dimensions ir	1
Q	PY SQ	a	Ь	c	a	Ь	c
16	1/4	6	7		1/4	9/32	
0	3/8	10	13		3/8	1/2	
ramid (Di	amond Base)	A	ctual Dimensions m	m		Actual Dimensions ir	1
D	PYR DIA	a	b	c	a	b	с
7	1-5/8	37	25	22	1-1/2	1	7/8
5	1-3/4	45	33	22	1-3/4	1-1/4	7/8
0	2	50	49	26	2	1-7/8	1
÷.		Å	Actual Dimensions m	m			
	star		1	1	· · · · · · · · · · · · · · · · · · ·	Actual Dimensions in	1
Z	ST	a	b	c	a	b	c
/13	1-3/8	36	13		1-3/8	1/2	
Tric	ingle	l	Actual Dimensions m	m	·	Actual Dimensions ir	1
D	T	a	b	c	a	b	c
)8	3/8	9	6	8	11/32	1/4	5/16
2	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	9/10	1
10	1-1/2	47	32	30	1-7/8	1-1/4	1-1/8
	· · · · · ·			1	1		
	edge		ctual Dimensions m	1	1	Actual Dimensions in	
Ж	WDG	a	b	c	a	b	c
/25	1	25	16		1	5/8	
/38	1-1/2	38	22		11/2	7/8	
/50	2	50	29		2	1-1/8	
/62	2-1/2	62	32		2-1/2	1-1/4	

	Co	one	A	Actual Dimensions mr	n	A	Actual Dimensions in	
	К	CN	a	b	c	a	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 (Rou	unded Top)	A	Actual Dimensions mr	n		Actual Dimensions in	
b	KR	RTC	α	b	c	α	b	c
<u> </u>	14	9/16	14	13		9/16	1/2	
a +	19	3/4	19	17		3/4	11/16	
	Pyramid (T	etrahedron)		Actual Dimensions m	n		Actual Dimensions in	
	P	TET	a	b	c	a	b	c
	10	3/8	10			3/8		
() a	12	1/2	12			1/2		
	20	3/4	20			3/4		
1	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		
4	Pyramid (S	quare Base)		Actual Dimensions m	n		Actual Dimensions in	
b	PQ	PY SQ	a	b	с	a	b	с
	06	1/4	6	7		1/4	9/32	
	10	3/8	10	13		3/8	1/2	
	1	amond Base)		Actual Dimensions m	n	1	Actual Dimensions in	·
	PD	PYR DIA	α.	b	c	a	b	c
1º	37	1-5/8	37	25	22	1-1/2	1	7/8
1	45	· · · · · · · · · · · · · · · · · · ·	45	33	22	-		7/8
a	50	1-3/4 2	43 50	49	22	1-3/4	1-1/4 1-7/8	1
	1	· · · · · · · · · · · · · · · · · · ·		Actual Dimensions m		1		
	Tri	star		Actual Dimensions m	m		Actual Dimensions in	1
Þ	DZ	ST	a	b	c	a	b	c
~	40/13	1-3/8	36	13		1-3/8	1/2	
	Tria	ingle		Actual Dimensions m	m		Actual Dimensions in	1
	D	Т	α	b	с	a	b	с
	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]	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
	We	edge		Actual Dimensions m	m		Actual Dimensions ir	
	DK	WDG	a	b	c	a	b	с
	1	1 1	25	16		1	5/8	
Īb	16/25	1	20	10				
Ţb.	16/25 22/38					11/2		
1b	22/38	1-1/2	38	22		1 1/2	7/8	
The						1 1/2 2 2-1/2		

	Co	one	A	ctual Dimensions mr	n		Actual Dimensions in	
	К	CN	a	Ь	c	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]	
Ī	30	1-1/4	31	30		1-1/4	1-1/4	
F	40	1-5/8	42	42		1-5/8	1-5/8	
-	50	2	50	55		2	2-1/8	
		· · · · · ·	۵	ctual Dimensions mr	n			
b -		unded Top)					Actual Dimensions in	
	KR	RTC	a	b	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	Tetrahedron)	A	Actual Dimensions m	m		Actual Dimensions in	
-	Р	TET	a	b	с	a	b	c
	10	3/8	10			3/8		
a	12	1/2	12			1/2		
	20	3/4	20			3/4		
	30	1-1/4	30			1-1/4		
1 a	40	1-5/8	40			1-5/8		
-	50	2	50			2		
	60	2-3/8	60			2-3/8		
ľ	80	3-1/8	80			3-1/8		
	Pyramid (Square Base)	ļ	Actual Dimensions m	m		Actual Dimensions in	
h	PQ	PY SQ		b	_		b	
			a 4	D 7	c	a	-	c
	06	1/4	6			1/4	9/32	
	10	3/8	10	13		3/8	1/2	
	Pyramid (D	iamond Base)	ŀ	Actual Dimensions m	m		Actual Dimensions in	
Te	PD	PYR DIA	a	b	c	a	b	c
X	37	1-5/8	37	25	22	1-1/2	1	7/8
1	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
	Tri	istar	l	Actual Dimensions m	m		Actual Dimensions in	
	DZ	ST		b			b	
a b			a		c	a		c
	40/13	1-3/8	36	13		1-3/8	1/2	
	Trio	angle		Actual Dimensions m	m		Actual Dimensions in	1
	D	Т	a	b	с	α	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
The state	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
	33	-	42	32	30	1-5/8	1-1/4	1-1/8
	40	1-3/4	42					
	40	· · · · · · · · · · · · · · · · · · ·		Actual Dimensions m			Actual Dimensions in	1
	40	edge		Actual Dimensions m	1	1	Actual Dimensions in	
Īb	40 W	edge WDG	a	b	m c	a	b	c
The	40 DK 16/25	edge WDG	a 25	b 16	1	a 1	b 5/8	
To To	40 DK 16/25 22/38	edge WDG 1 1-1/2	a 25 38	b 16 22	1	a 1 11/2	b 5/8 7/8	
To a	40 DK 16/25	edge WDG	a 25	b 16	1	a 1	b 5/8	



Metric dimensions ar	e in mm and	imperial dimensio	ns are in inches.

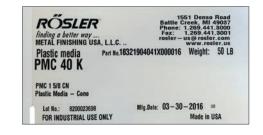
Available Compositions

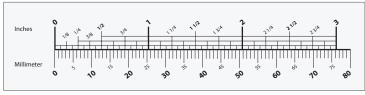
Composition	Finish	Cut	Typical Applications
PPP	Very fine	Low	Brightening, fine finishing, preplate
PLC	Medium	Low	Cleaning, deflashing of die castings
PMC	Fine to medium	Medium	General Purpose Deburring
PFC-S	Coarse	Fast	Fast deburring of soft to hard metals
PFC-ZF	Fine, matt	Fast	Fine finishing of 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
WPHC	Medium to coarse	Very fast	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.



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Plastic Media

Metric	Quality	Measurement	Shape
Ordering Example:	PMC	40	К
OR			
UK			
Imperial	Quality	Measurement	Shape

Composition	Approx. Bulk Density Ibs/ft ³	Grinding Perfor- mance	Color	Grinding Result
PPP	70			
PLC	70			Magnadalayahiyana
РМС	70			ىلەردە ئالارلىرىلىرىيە
PFC-S	73			and and a state of the state of
PFC-ZF	86			an share
PFC-Z	83			AN LOUNDARY AND A
PFC-AF	75			allowinger
PFC-A	80			alogy and a state of
WPHC	73			a parater

Cone T	Taper Top	Cone Ro	ound Top	Pyramid	Tetrahedron	Pyramid S	Square Base	Pyramid D	Viamond Base	Tri	angle	We	dge Bowtie	Т	ricyl	Tri	star
	þ	a	Ь		a	a	b	b	a te	67	a		jb D	6	0		þ
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
К	CN	KR	RTC	Р	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	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 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	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	20 25	3/4												
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							29/50	1-1/8 x 2				

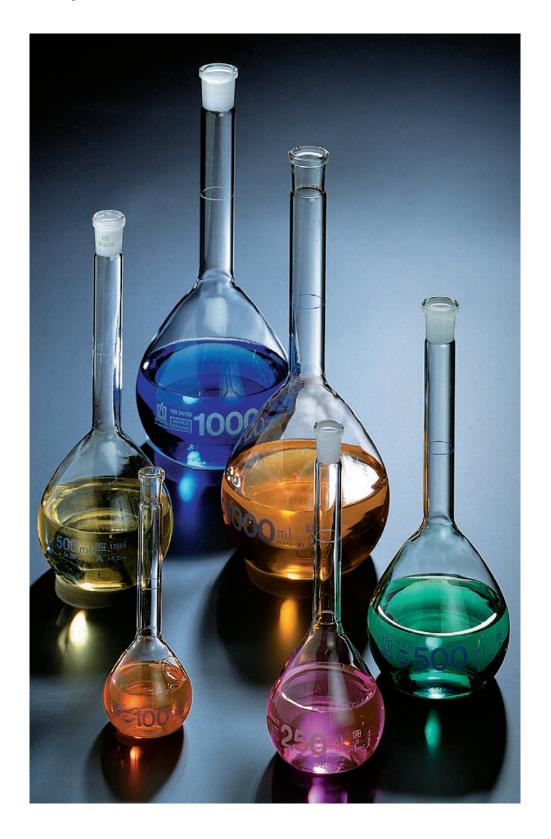
Metric dimensions are in mm and imperial dimensions are in inches, conversion from metric to imperial may result in a deviation of up to .004 inches or 1 mm.





Surface Finishing Compounds

- the most comprehensive range in the world.





Rosler Surface Finishing Compounds

Rosler's compounds are ideal for all surface finishing processes. Our manufacturing process combines environmental protection, precision, and quality of process technology. 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 allows 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.



Supply Quality

need, when you need them.

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



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.

	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-ferrous 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	++	+	++	++	+	++	++	++
Metals	Copper/Brass	+	+	٠	٠	+	++	•	++
Mei	Aluminium	++	+	•	•	+	++	•	++
	Zinc	++	+	٠	٠	+	+	•	+
	Magnesium		٠			•	+		
	Grinding/Deburring/ Radiussing Edges	++	+	•	+	++	+	++	•
	Degreasing/De-oiling	++	•	•	•	+	•	++	•
ions	Smoothing/Polishing	+	+	++	++	+	++	+	++
Applications	Polishing	+	+	++	++	+	++	+	++
Ap	Ball polishing	•	•	•			+		++
	Descaling/Derusting								+
	Etching								+
	Corrosion Protection	+	+	+	+	+	•	+	
es	Cleaning	+	+	+	+	++	+	+	++
Properties	Degreasing	++	٠	٠	٠	+	٠	•	•
Pre	Brightening	+	+	++	+	+	++	+	++
	Foam	+	+	+	+	+	+	+	++

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	ZF 110 i	ZF 113	ZF 231	ZF 311	ZF 322	ZF 322 S
	Description	Corrosion protection compound for all rust-sensitive, ferrous metals.	Universal general purpose compound with corrosion protection for all ferrous and non-ferrous metals.	Special compound for cleaning and passivating magnesium.	Low-foam cleaning and passivating com- pound, particularly suitable for very oily, stamped parts.	Degreasing compound with corossion protection 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	+	+		+	++	++
Metals	Copper/Brass	•	+		•	+	+
Mei	Aluminium	•	+		•	++	++
	Zinc	•	+		•	+	++
	Magnesium		•	++		٠	+
ns	Grinding/Deburring/ Radiussing Edges	++	++	+	++	+	+
Applications	Degreasing/ De-oiling	•	+	•	++	++	++
Ap	Smoothing/ Polishing	++	+	•	•	+	+
	Corrosion Protection	++	+	٠	++	+	++
Properties	Cleaning	+	+	٠	++	++	+
Prope	Degreasing	•	+	+	++	++	++
	Brightening	•	+	+	•	++	+

++ = very well suited/high

+ = suitable/average

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= conditionally suitable/less

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

*We provide **special** compounds and pastes for special processes.



Grinding Pastes

The Keramo-Finish® 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

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

		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 grinding product			
							Standard		
		pH Value 0.5 %	9.0 approx.	9.0 approx.	9.0 approx.	9.0 approx.			
		Steel/Iron	++	++	+	+			
		Stainless Steel	+	+	++	++			
	Metals	Copper/Brass	+	+	+	+			
	Mei	Aluminium	•	•	•	•			
		Zinc	•	•	•	•			
		Magnesium							
	Applications	Grinding/Deburring/ Radiussing Edges	+	++	++	++			g by pump
	Applic	Smoothing/Polishing	+	•	•			recirculation	ible for automatic dosing by pump
-								recirci	r auto
		Powder Paste	RSP 506 ST	RSP 5064 S	RSP 587	RSP 5086 S		_	ble fo

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 pol- ishing effect.	Universal product for polishing, low grinding performance.	Polishing product with good brighten- ing power.	Polishing product with good brighten- ing 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	+	++	++	+	+			
Metals	Copper/Brass	•	+	++	++	++			
Mei	Aluminium	•	•	•		•			
	Zinc	•	•	•		•			
	Magnesium								
su	Grinding/Deburring/ Radiussing Edges	+	+	+	•	•			dwnd ,
Applications	Smoothing/Polishing	+	++	++	++	++			Suitable for automatic dosing by pump
٩	Polishing	+	+	++	++	++		recirculation	matic d
								recirci	r auto
	Powder Paste	RPP 503	RPP 527	RPP 579	RPP 590	RPP 520			ble fo
	Liquid Dosable	RPP 803	RPP 827	RPP 879	RPP 890	RPP 820			Suita

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 pol- ishing effect.	Universal product for polishing, low grinding performance.	Polishing product with good brighten- ing power.	Polishing product with good brighten- ing power.	Standard		
pH Value 0.5 %	9.0-10.0 approx.	9.0 approx.	9.0 approx.	9.0 approx.	9.0 approx.	S,		
Steel/Iron	++	+	++	+	+			
Stainless Steel	+	++	++	+	+			
Copper/Brass	•	+	++	++	++			
Aluminium	•	•	•		•			
Zinc	•	•	•		•			
Magnesium								
Grinding/Deburring/ Radiussing Edges	+	+	+	•	•			dund ,
Smoothing/Polishing	+	++	++	++	++			Suitable for automatic dosing by pump
Polishing	+	+	++	++	++		ecirculation	matic d
							recirct	r auto
Powder Paste	RPP 503	RPP 527	RPP 579	RPP 590	RPP 520			ble foi
Liquid Dosable	RPP 803	RPP 827	RPP 879	RPP 890	RPP 820			Suita

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++	=	very	٧	vel	l	suited/	'high

Liquid Dosable

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• = conditionally suitable/less

RSP 806



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		in
Stainless Stee	el Polishin g Media	Materials	Designation		a	b	a	b
Balls		AISI 304 = 1.4301 AISI 420 = 1.4034 AISI 316 = 1.4401	RESK 2 RESK 3 RESK 4		2.0 3.0 4.0		0.08 0.12 0.16	
Satellites		AISI 304 = 1.4301 AISI 420 = 1.4034	SAT03/05 SAT05/07 SAT8/12		3 5 8	5 7 12	0.12 0.20 0.31	0.20 0.28 0.47
Pins		AISI 304 = 1.4301 AISI 420 = 1.4034 AISI 1086 = 1.0616	RESA 03/09	b 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, sulfu- ric acid.	Polishing, cleaning compound, citric acid.	Etching and polishing compound for all non fer- rous metals and stainless steel, citric adic.	Etching and polishing com- pound for all non ferrous metals and stainless steel, citric and sulfamic acid.	Etching and polishing compound for all non fer- rous metals and stainless steel, phosphoric acid.
	pH Value 0.5 %	1.8	4.0	2.6	2.5	2.2
	Steel/Iron	+		•		+
	Stainless Steel	+		++	++	++
als	Copper/Brass	+	+	++	+	+
Metals	Aluminium		+	++	++	+
	Zinc		+	+	+	+
	Magnesium					
	Corrosion Protection	•	•			
	Cleaning	+	++	++	+	+
es	Degreasing		•	•	+	•
Properties	Brightening	+	++	++	++	++
Pro	Smoothing	+	++	++	++	++
	Pickling	++	+	+	+	+
	Foam	+	+	++	+	++

++ = very well suited/high

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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.

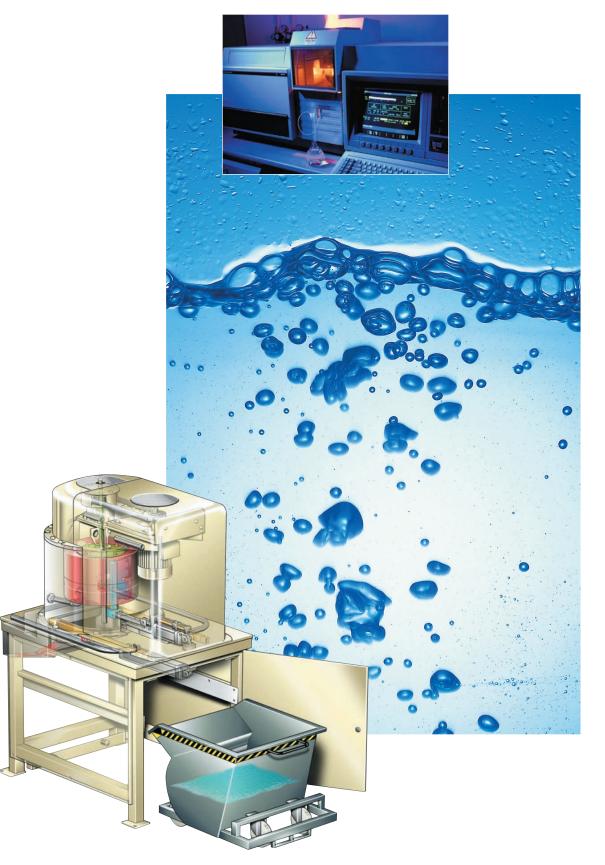
Auxiliary Surface Finishing Media and Process Additives

Dry and Polishir	ng Media	Materials	Designation	Approx. Size (mm)	Approx. Size (in)
Corn Cob SV and SV/N		Low dust corn cob for spotless 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 cor- rosion 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	+	+	+
Metals	Copper/Brass	++	+	+
Mei	Aluminium		+	+
	Zinc		+	+
	Magnesium		•	
	Grinding/Deburring/ Radiussing Edges	•	++	+
ions	Degreasing/De-oiling		++	
Applications	Smoothing/Polishing	++	+	
Ap	Polishing			
	Ball polishing			
	Corrosion Protection	+	++	
es	Cleaning	+	++	
Properties	Degreasing		++	
Ртс	Brightening	+	+	
	Foam	•	+	

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Effluent Treatment



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:

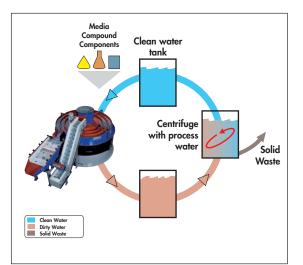
- ▶ process water centrifuges with Turbo-Floc[®] technology
- process water separators and settling tanks
- auxiliary equipment, such as buffer tanks, reaction tanks, and lifting stations

Chemical and Mechanical Effluent Treatment

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

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 circule	Cationic polymers for effective circulation cleaning					
Consumption Value	In supply status or after pre-dilution w	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.	







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 representative located world-wide, visit www.rosler.us for more information.

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