

OUR EXPERIENCE, YOUR RESULTS

ROLLMEDIA MEDIA FOR SURFACE FINISHING





Rollmedia PB

5



Rollmedia UF

9



Rollmedia INFO

10



Rollmedia HPM

11



Quattrofinish

12



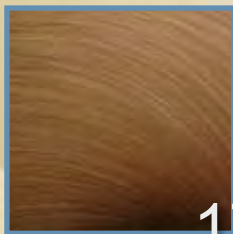
Rollmedia CB

13



Rollmedia EB

16



Rollmedia EFI

17



Rollmesh

18



Rollmedia Spec.

19

Una sinfonia di media e composti chimici specializzati per la finitura delle superfici, a vostra completa disposizione.

The Rollwasch® programme of media and finishing compounds is surely one of the most complete in Europe and in the world. Rollwasch® projects always put the combination “quality - competitiveness” on the top, in the right balance and respect for the environment.

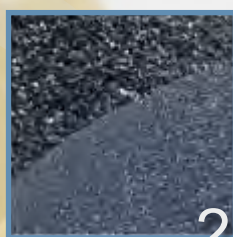
A very dynamic company in terms of research and development, Rollwasch® is always in search of the best balance between finishing solutions and pollution reduction.



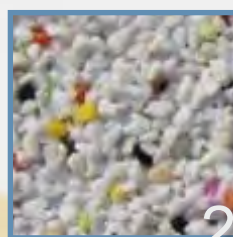
20 Rollglass Rollinox



21 Rollmedia CU



23 Super Cut



24 VibroBLAST media



25 Media CRB-CRND



26 Kera-Beads



27 REACH



27 QUALITY

A symphony of media and chemical compounds specialized for surface finishing, at your full disposal.

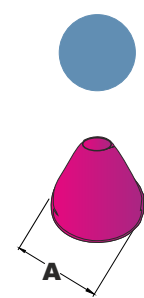
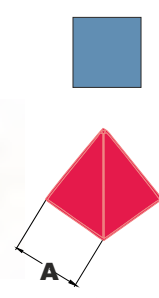
Rollwasch® chemistry started the first steps towards environmental care by introducing at the TF congress (Treatment and Finishing) in Parma in the year 1991, its first series of compounds without “difficult pollutants” (Europa series).

Practically this has anticipated of almost twenty years the Reach regulations and, in the meantime, we have obtained positive results. Moreover Rollwasch® supports a continuous development of products and dry processes, wet processes with low water consumption, and excellent purifying compounds.



Geometria impronta:
Imprint geometry:

Type Grinding power Expected final surface Colour
Tipo Potere abrasivo Superficie finale attesa Colore



K - Cone - Cono

D - Pyramid - Piramide - **D**

KC - Cone - Cono

T/SF			PB10KC; 20; 24; 25; ; 30; 32; 36; 40; 45; PB 50 Kt/SF	PB 12 KCT/SF
C			PB10KC; 20; 24; 30; 32; 36; 40; 45; PB60KC	PB 12 KCC PB 14 KCC
T/NF			PB10KT/NF; 20; 24; 30; 36; 40; 45; PB60KT/NF;	PB 12 KCT/NF PB 14 KCT/NF
TR			PB 20 KTR; 30; 32; 36; 40; PC 60 KTR	PB 40 DTR
S			PB10KS; 20; 24; 30; 32; 36; 40; 45; PB60KS	PB 06 DS PB12KCS; PB14KCS;
V			PB10KV; 20; 24; 30; 36; 40; 45; PB60KV;	PB 06 DV PB12KCV; PB14KCV;
G			PB10KG; 20; 24; 30; 32; 36; 40; 45; PB60KG;	PB 06 DG PB12KCG; PB14KCG;
R			PB10KR; 20; 24; 30; 32; 36; 40; 45; PB60KR;	PB 06 DR PB12KCR; PB14KCR;
N (*)			PB10KN; 20; 24; 30; 36; 40; 45; PB60KN;	PB 06 DN PB12KCN; PB14KCN;

*on demand only
*solo su richiesta

Nota - Note:

Indicative density: 1,8 - 1,9 Kg./dm³
Densità indicativa: 1,8 - 1,9 Kg./dm³

06D= a 5,5; 10 D= a 11; 16D= a 19 x h 16 mm.
60D= 60x62h

Rollwasch® polyester bonded media.

At Rollwasch® we offer our wide experience and knowledge of surfaces, to support your most advanced projects, to reach a common target.
All our efforts, ranging from design to continuous experimentation, research and development, application at our laboratories for finishing trials, contribute day by day to improve products already excellent, making them better and more competitive.



Geometria impronta:
Imprint geometry:

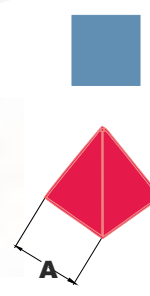
Type Grinding power Expected final surface Colour
Tipo Potere abrasivo Superficie finale attesa Colore



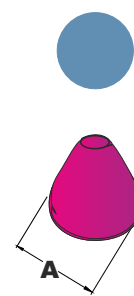
K - Cone - Cono



D - Pyramid - Piramide - **D**



KC - Cone - Cono



A			PB10KA; 20; 24; 30; 32; 36; 40; 45; PB60KA;	PB10DA; 16; 20; 30; 40; 50; PB 60 DA	PB 06 DA	PB12KCA; PB14KCA;
P			PB10KP; 20; 24; 30; 32; 36; 40; 45; PB60KP;	PB10DP; 16; 20; 30; 40; 50; PB60DP	PB06DP	PB12KCP; PB14KCP;
B			PB10KB; 20; 24; 30; 32; 36; 40; 45; PB60KB;	PB10DB; 16; 20; 30; 40; 50; PB60DB;	PB06DB	PB12KCB; PB14KCB;
I			PB10KI; 20, 24, PB30KI; 32	PB10DI, 16, 20 PB30DI	PB06DI	PB12KCI PB14KCI
L			PB10KL; 20; 24; 30; 32; 36; 40; 45; PB60KL;	PB10DL; 16; 20; 30; 40; 50; PB60DL;	PB06DL	PB12KCL; PB14KCL;
J (*)			PB10KJ; 20; 24; 30; 36; 40; 45; PB60KJ;	PB10DJ; 16; 20; 30; 40; 50; PB60DJ;	PB06DJ	PB12KCJ; PB14KCJ;
X			PB10KX; 20; 24; 30; 32; 36; 40; 45; PB60KX;	PB10DX; 16; 20; 30; 40; 50; PB60DX;	PB06DX	PB12KCX; PB14KCX;

*on demand only
*solo su richiesta

Nota - Note:

Indicative density: 1,8 - 1,9 Kg./dm³
Densità indicativa: 1,8 - 1,9 Kg./dm³

06D= □ a 5,5; 10 D= △ a 11; 16D= △ a 19 x h 16 mm.
60D= △ 60x62h

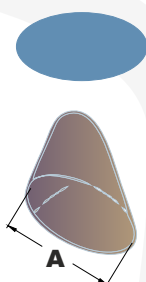
Rollwasch® polyester bonded media.

The colours shown in the above diagram are for guidance only, as well as the indication of «expected final surface» may vary, depending on the material hardness and initial conditions, or from the material itself (metals, composites, ceramics, glass, polymers, etc.).

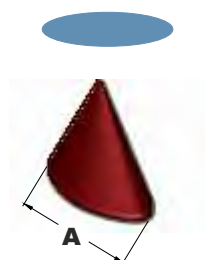
Rollmedia PB are packed in 25 kg. bags and distributed on wood pallet of 1000 kg. - 40 bags. - Each batch, before packing, is tested to verify the wearing rate conformity.

Geometria impronta:
Imprint geometry:

Type	Grinding power	Expected final surface	Colour
Tipo	Potere abrasivo	Superficie finale attesa	Colore



E - Ellypse - Ellisse



EF - Ellypse - Ellisse



G - Gear (Tristar)

T/SF			PB 30 ET/SF (28x17x28)		
C			PB20EC; 30; 40; 50; 60; PB70EC;	PB40EFC	PB20GC; 30; 40; 50; PB70GC
T/NF			PB20ET/NF; 30; 40; 50; 60; PB70ET/NF;	PB40EFT/NF	PB20GT/NF; 30; 40; 50; PB70GT/NF
TR			PB 30 ETR		
S			PB20ES; 30; 40; 50; 60; PB70ES;	PB40EFS	PB20GS; 30; 40; 50; PB70GS
V			PB20EV; 30; 40; 50; 60; PB70EV;	PB40EFV	PB20GV; 30; 40; 50; PB70GV
G			PB20EG; 30; 40; 50; 60; PB70EG;	PB40EFG	PB20GG; 30; 40; 50; PB70GG
R			PB20ER; 30; 40; 50; 60; PB70ER;	PB40EFR	PB20GR; 30; 40; 50; PB70GR
N (*)			PB20EN; 30; 40; 50; 60; PB70EN;	PB40EFN	PB20GN; 30; 40; 50; PB70GN

*on demand only
*solo su richiesta

Indicative density: 1,8 - 1,9 Kg./dm³
Densità indicativa: 1,8 - 1,9 Kg./dm³

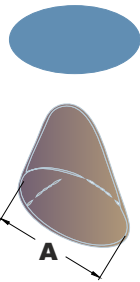
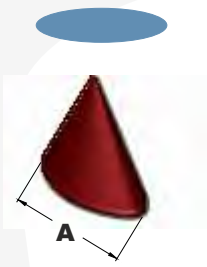
Rollwasch® polyester bonded media.

At Rollwasch® we offer our wide experience and knowledge of surfaces, to support your most advanced projects, to reach a common target.

All our efforts, ranging from design to continuous experimentation, research and development, application at our laboratories for finishing trials, contribute day by day to improve products already excellent, making them better and more competitive.



Geometria impronta:
Imprint geometry:

Type	Grinding power	Expected final surface	Colour			
Tipo	Potere abrasivo	Superficie finale attesa	Colore			
						
				E - Ellypse - Ellisse	EF - Ellypse - Ellisse	G - Gear (Tristar)
A				PB20EA; 30; 40; 50; 60; PB70EA;	PB40EFA	PB20GA; 30; 40; 50; PB70GA
P				PB20EP; 30; 40; 50; 60; PB70EP;	PB40EFP	PB20GP; 30; 40; 50; PB70GP
B				PB20EB; 30; 40; 45; 50; 60; PB70EB;	PB40EFB	PB20GB; 30; 40; 50; PB70GB
I				PB20EI; PB30EI;		PB20GI; PB30GI
L				PB20EL; 30; 40; 50; 60; PB70EL;	PB40EFL	PB20GL; 30; 40; 50; PB70GL
J (*)				PB20EJ; 30; 40; 50; 60; PB70EJ;	PB40EFJ	PB20GJ; 30; 40; 50; PB70GJ
X				PB20EX; 30; 40; 50; 60; PB70EX;	PB40EFX	PB20GX; 30; 40; 50; PB70GX

*on demand only
*solo su richiesta

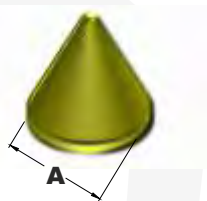
Indicative density: 1,8 - 1,9 Kg./dm³
Densità indicativa: 1,8 - 1,9 Kg./dm³

Rollwasch® polyester bonded media.

The colours shown in the above diagram are for guidance only, as well as the indication of «expected final surface» may vary, depending on the material hardness and initial conditions, or from the material itself (metals, composites, ceramics, glass, polymers, etc.).

Rollmedia PB are packed in 25 kg. bags and distributed on wood pallet of 1000 kg. - 40 bags. - Each batch, before packing, is tested to verify the wearing rate conformity.

Type	Grinding power	Expected final surface	Colour
Tipo	Potere abrasivo	Superficie finale attesa	Colore



C - Cone - Cono

UB			UB15CC; 30; 40; UB60CC
----	--	--	------------------------

Indicative density: 1,4 - 1,5 Kg/dm³
Densità indicativa: 1,4 - 1,5 Kg/dm³

Rollwasch[®] aminoplastic bonded media.

The Rollmedia UF series distinguishes the line of Rollwasch[®] Urea Formaldehyde-based Bonding Agent - from July 2017 available in medium-abrasive formulation (UB_Light blue) that has gained popularity and market demand over the last 35 years.

This line of products is subject of a particular research and development program aimed at identifying the possible developments of a resin with formaldehyde content even lower than the current (already minimal) or absent - the program covers a three-years period 2017-18-19 .

Product containing water-based binders - subject to modest physiological reduction

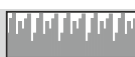


Useful information for the best use of Rollmedia abrasives.

All Rollmedia CB, PB and UF abrasive media are the evolution that allowed to replace the 'natural stones' (CB in the '50s, PB in the '60s and UF in the '80s), selected for abrasivity and dimension, with which barrelling processes were originally carried out. For decades, manufacturers including Rollwasch have tried to guide customers to choose environmentally friendly and long-life products. Nevertheless, in the last decades Rollwasch R&D activities gave the possibility to propose, in some cases, solutions able to reduce industrial muds and waste production.

Let's talk about it!

HPM

Type	Grinding power	Expected final surface	Colour		
Tipo	Potere abrasivo	Superficie finale attesa	Colore		
				 K - Cone - Cono (su richiesta - on demand) K - Cone standard - Cono standard	
7				HPM15 K7 (Su richiesta - on demand)	HPM30 K7 ; HPM50 K7
6				HPM15 K6 (su richiesta - on demand);	HPM30 K6 ; HPM50 K6
5				HPM15 K5 (su richiesta - on demand);	HPM30 K5 ; HPM50 K5
4				HPM15 K4 (su richiesta - on demand);	HPM30 K4 ; HPM50 K4
3				HPM15 K3 (su richiesta - on demand);	HPM30 K3 ; HPM50 K3



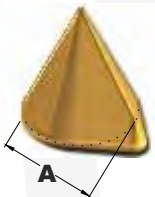
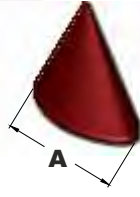
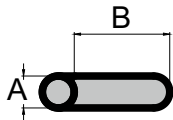
HPM - special abrasive media for dry vibratory finishing processes.

The HPM abrasive programme is addressed to the customers who want to replace the wet traditional processes with completely dry processes.

The particular nature of this kind of abrasives allows to obtain very well smoothed surfaces on many metal, plastic and natural articles.

The media HPM are offered upon technical support of Rollwasch® laboratories and technicians.



Type	Grinding power	Expected final surface	Colour				
Tipo	Potere abrasivo	Superficie finale attesa	Colore				
							
				K - Cone - Cono	N - Pyrakon*	E - Ellipse-Ellisse	I - Cylinder- Cilindro
C3				QF12KC3; 40; QF60KC3	QF10NC3; 20; QF30NC3	QF30EC3; QF70EC3	QF0304IC3
L6				QF12KL6; 40; QF60KL6	QF10NL6; 20; QF30NL6	QF30EL6; QF70EL6	
L5 (!)				QF12KL5; 40; QF60KL5	QF10NL5; 20; QF30NL5	QF30EL5; QF70EL5	
P7				QF12KP7; 40; QF60KP7	QF10NP7; 20; QF30NP7	QF30EP7; QF70EP7	QF0304IP7
L3				QF12KL3; 40; QF60KL3	QF10NL3; 20; QF30NL3	QF30EL3; QF70EL3	
EB				QF12KEB; 40 QF60KEB	QF10NPV; 20 QF30NEB	QF30EEB QF30EEB	
PV				QF12KPV; 40; QF60KPV	QF10NPV; 20; QF30NPV	QF30EPV; QF70EPV	

*on demand only
*solo su richiesta

(!) Compatible with previous formula W5
(!) Compatibile con la precedente formula W5

Quattrofinish special multi-purpose abrasive media for environmentally-friendly dry and wet processes.

The **Quattrofinish** (*patent pending – I*) abrasive media programme is composed of a series of geometrical shapes and dimensions studied to solve many problems.

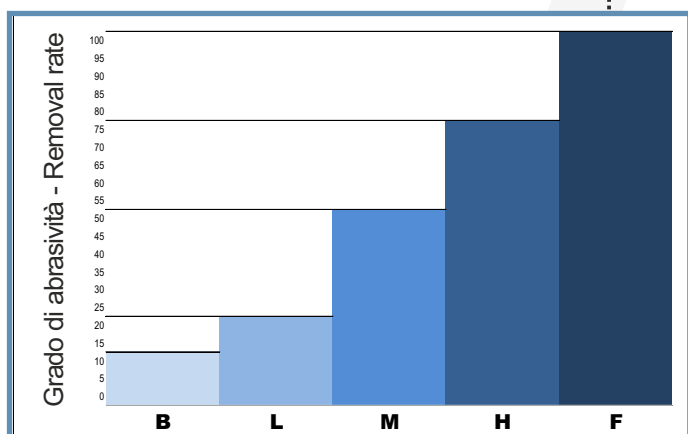
Some shapes of the classic media have always been combined with the abrasive type; with the **Quattrofinish** series, this concept can be set aside, giving more possibilities to choose among materials, shapes and relevant dimensions.

The media **Quattrofinish** are offered upon technical support of Rollwasch® laboratories and technicians.

Densità indicativa media serie CB
2,4 - 2,7 Kg./dm³.

Indicative average density CB series
2,4 - 2,7 Kg./dm³.

Esempio - Example
CB 25 YH



Forma
Shape

Dimensioni "a x b" mm
Dimensions "a x b" mm

Stella a tre punte/Tristar Y

Stella a tre punte a taglio obliquo/Angle cut Tristar K

	CB 04 Y	CB 04 K	4x4
	CB 06 Y	CB 06 K	6x6
	CB 0610 Y	CB 0610 K	6x10
	CB 10 Y	CB 10 K	10x10
	CB 15 Y	CB 15 K	15x15
	CB 1507 Y	CB 1507 K	15x07
	CB 20 Y	CB 20 K	20x20
	CB 2007 Y	CB 2007 K	20x07
	CB 2010 Y	CB 2010 K	20x10
	CB 2510 Y	CB 2510 K	25x10
	CB 30 Y	CB 30 K	30x30
	CB 3010 Y	CB 3010 K	30x10
	CB 3015 Y	CB 3015 K	30x15

Stella/Star X

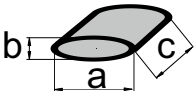
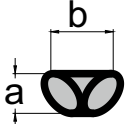
	CB 2008 X	20x08
	CB 2212 X	22x12
	CB 3010 X	30x10

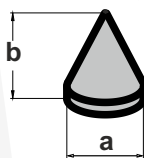
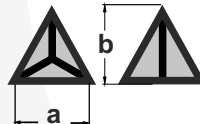
Rollwasch® ceramic bonded media

This series of ceramic media is distinguished by a well-researched variety of different formulations that have the ceramic binder in common. The **Ceramic CB** series is articulated in various grades, which are distinguished mainly by the degree of abrasion that is articulated in five standard types. The most popular product in the treatment of metal surfaces is undoubtedly the type "H" that satisfied a large majority of customers in this field.

A great deal of attention in choosing the abrasive media is the "chipping" factor, or fragmentation in the loading stages of the pieces, especially when heavy. In this respect, it is possible to request the «conditioning» of the ceramic media (with participation to the costs) before delivery.



Forma Shape	Dimensioni "a x b x c" mm Dimensions "a x b x c" mm
Ellittico/Ellipsoyd E	
	CB 10 E 10x5x10
	CB 15 E 15x7x15
	CB 20 E 20x8x20
	CB 25 E 25x9x25
	CB 2513 E 25x13x25
Cilindro bisellato/Double cut cylinder G	
	CB 12 G 12x12
	CB 15 G 15x15

Forma Shape	Dimensioni "a x b x c" mm. Dimensions "a x b x c" mm.
Cono/Cone C	
	CB 15 C 15x15
	CB 30 C 30x30
	CB 40 C 40x40
Piramide/Pyramid P	
	CB 25 P 28,5x24,5
	CB 2527 P 25x27
	CB 30 P 35,5x30
	CB 45 P 45x45
Sfera/Sphere S	
	CB 01 S 01
	CB 02 S 02
	CB 03 S 03
	CB 04 S 04
	CB 05 S 05
	CB 06 S 06
	CB 07 S 07
	CB 08 S 08
	CB 10 S 10
	CB 12 S 12
	CB 15 S 15

Rollwasch® ceramic bonded media

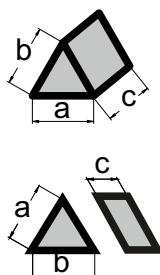
The Ceramic CB series is articulated in various geometric shapes and sizes, some of which, such as cones and pyramids, are obtained by moulding and not by extrusion. Some shapes and sizes are only available on request.

Forma Shape

Dimensioni "a x b x c" mm

Dimensions "a x b x c" mm

Triangolo/Triangle T
Triangolo taglio obliquo/Angle cut Triangle W



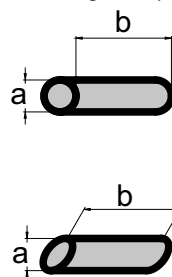
CB 02 T		02x02x02
CB 03 T		03x03x03
	CB 0306 W	03x03x06
	CB 0310 W	03x03x10
CB 04 T		04x04x04
	CB 0410 W	04x04x10
CB 05 T		05x05x05
	CB 0510 W	05x05x10
CB 06 T		06x06x06
	CB 0610 W	06x06x10
	CB 0612 W	06x06x12
CB 08 T		08x08x08
CB 09 T		09x09x09
CB 10 T	CB 10 W	10x10x10
CB 1006 T		10x10x06
	CB 1015 W	10x10x15
CB 12 T		12x12x12
CB 1206 T		12x12x06
CB 1210 T		12x12x10
	CB 1215 W	12x12x15
CB 15 T	CB 15 W	15x15x15
	CB 1518 W	15x15x18
	CB 1520 W	15x15x20
	CB 1525 W	15x15x25
CB 16 T	CB 16 W	16x16x16
CB 17 T	CB 17 W	17x17x17
CB 17,5 T		17,5x17,5x17,5
CB 18 T		18x18x18
CB 20 T	CB 20 W	20x20x20
CB 2010 T	CB 2010 W	20x20x10
CB 2015 T		20x20x15
	CB 2025 W	20x20x25
CB 25 T	CB 25 W	25x25x25
	CB 2510 W	25x25x10
CB 30 T	CB 30 W	30x30x30
	CB 3010 W	30x30x10
CB 3220 T		32x32x20
CB 34 T		34x34x34
CB 35 T	CB 35 W	35x35x35
CB 40 T	CB 40 W	40x40x40
CB 50 T		50x50x50
CB 5070 T		50x50x70
CB 5650 T		56x56x50

Forma Shape

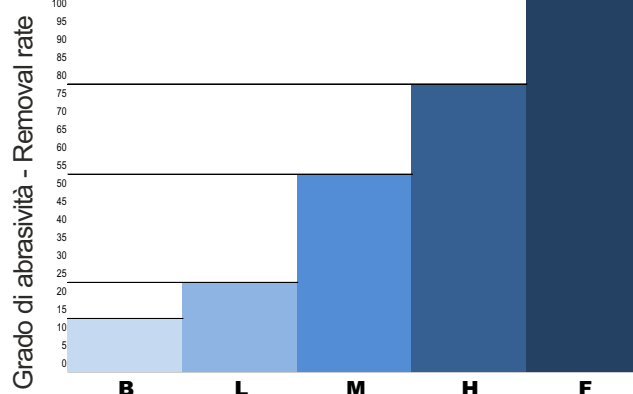
Dimensioni "a x b" mm

Dimensions "a x b" mm

Cilindro/Cylinder I
Cilindro taglio obliquo/Angle cut Cylinder V

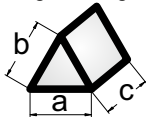
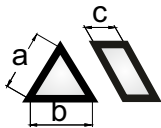
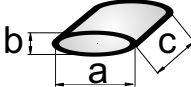
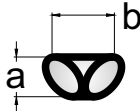


CB 02 V	02X02
CB 2,505 V	2,5x05
CB 0206 V	02x06
CB 0210 V	02x10
CB 2,506 V	2,5x06
CB 03 V	03x03
CB 0304 V	03x04
CB 0305 V	03x05
CB 0306 V	03x06
CB 0310 V	03x10
CB 0408 V	04x08
CB 0410 V	04x10
CB 0415 V	04x15
CB 05 V	05x05
CB 0510 V	05x10
CB 0610 V	06x10
CB 0615 V	06x15
CB 0620 V	06x20
CB 07 V	07x07
CB 0715 V	07x15
CB 0720 V	07x20
CB 0815 V	08x15
CB 0818 V	08x18
CB 0820 V	08x20
CB 1015 V	10x15
CB 1020 V	10x20
CB 1030 V	10x30
CB 1220 V	12x20
CB 1225 V	12X25
CB 1210 V	12x10
CB 15 V	15x15
CB 1520 V	15x20
CB 1525 V	15x25
CB 1530 V	15x30
CB 18 V	18x18
CB 2025 V	20x25
CB 2040 V	20x40
CB 25 V	25x25
CB 2530 V	25x30
CB 30 V	30x30
CB 3050 V	30x50



Rollwasch® ceramic bonded media



Forma Shape	Dimensioni "a x b x c" mm Dimensions "a x b x c" mm	
Triangolo/Triangle T - Triangolo taglio obliquo/Angle cut Triangle W		
	EB 03 T	03x03x03 DH Z
	EB 0306 W	03x03x06 DH Z
	EB 0309 W	03x03x09 DH Z
	EB 0310 W	03x03x10 DH Z
	EB 04 T	04x04x04 DH Z
	EB 05 T	05x05x05 DH Z
	EB 06 T	EB 06 W
		06x06x06 DH Z
		EB 0610 W
		06x06x10 DH Z
		EB 0615 W
		06x06x15 DH Z
		EB 0620 W
		06x06x20 DH Z
	EB 08 T	08x08x08 DH Z
	EB 0810 T	08x08x10 DH Z
	EB 10 T	EB 10 W
		10x10x10 DH Z
	EB 1006 T	EB 1006 W
		10x10x06 DH Z
		EB 1015 W
		10x10x15 DH Z
		EB 1020 W
		10x10x20 DH Z
	EB 12 T	12x12x12 DH Z
	EB 1206 T	12x12x06 DH Z
	EB 1210 T	12x12x10 DH Z
	EB 15 T	EB 15 W
		15x15x15 DH Z
	EB 1506 T	15x15x06 DH Z
	EB 1510 T	EB 1510 W
		15x15x10 DH Z
		EB 2010 W
		20x20x10 DH Z
Ellisse/Ellipse E		
	EB 10 E	10x05x10 DH Z
	EB 1015 E	10x05x15 DH Z
	EB 15 E	15x07x15 DH Z
	EB 20 E	20x08x20 DH Z
	EB 2510 E	25x10x25 DH Z
Cilindro bisellato/Double cut cylinder G		
	EB 12 G	12x12 DH Z
	EB 15 G	15x15 DH Z
	EB 20 G	20x20 DH Z
	EB 25 G	25x25 DH Z

Forma Shape

Dimensioni "a x b" mm Dimensions "a x b" mm

Cilindro/Cylinder I - Cilindro taglio obliquo/Angle cut Cylinder V

EB 0208 I	EB 0408 V	04x08	Z
EB 0305 I	EB 0208 V	02x08	Z
EB 0306 I	EB 0305 V	03x05	DH Z
EB 0310 I	EB 0306 V	03x06	DH Z
EB 0406 I	EB 0310 V	03x10	DH Z
EB 0410 I	EB 0406 V	04x06	DH Z
EB 0510 I	EB 0410 V	04x10	DH Z
EB 0608 I	EB 0510 V	05x10	DH Z
EB 0610 I	EB 0608 V	06x08	DH Z
EB 0615 I	EB 0610 V	06x10	DH Z
EB 0710 I	EB 0615 V	06x15	DH Z
EB 0715 I	EB 0710 V	07x10	DH Z
EB 0810 I	EB 0715 V	07x15	DH Z
EB 0815 I	EB 0810 V	08x10	DH Z
EB 0913 I	EB 0815 V	08x15	DH Z
EB 0915 I	EB 0913 V	09x13	DH Z
EB 0915 I	EB 0915 V	09x15	DH Z
EB 10 I	EB 10 V	10x10	DH Z
EB 1013 I	EB 1013 V	10x13	DH Z
EB 1015 I	EB 1015 V	10x15	DH Z
EB 1020 I	EB 1020 V	10x20	DH Z
EB 1525 I	EB 1525 V	15x25	DH Z

Stella a tre punte/Tristar Y

Stella a tre punte taglio obliquo - Tristar angle cut K

EB 04 Y	EB 04 K	04x04	DH Z
EB 06 Y	EB 06 K	06x06	DH Z
EB 0610 Y	EB 0610 K	06x10	DH Z

Sfera/Sphere S

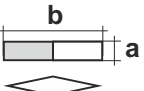
EB 02 S	02	DH Z
EB 03 S	03	DH Z
EB 04 S	04	DH Z
EB 05 S	05	DH Z
EB 06 S	06	DH Z
EB 08 S	08	Z

White porcelain (Z) or high density (DH) brown colour bonded media.

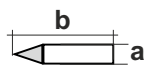
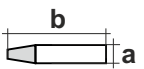
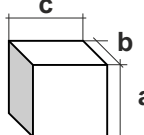
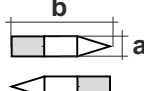
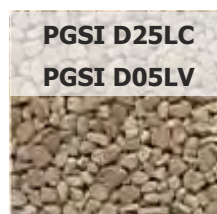
EB-Z, Euro Bond Zero Abrasivity – with high density special porcelain bonding agent - white colour - particularly suitable for Diafinish, Diagrit and Superfinish processes.
Average indicative density 2,7 -3,0 Kg./dm3.

EB-DH, Euro Bond High Density - high density special porcelain bonding agent - brown/beige colour - particularly suitable for Abrakem processes.
Average indicative density 3,4 - 3,5 Kg/dm3

Forma Shape	Dimensioni # mm. Dimensions # mm.
Tipo LC/LC type	
PGSI-D25/LC	2,4÷4
PGSI-D30/LC	1,7÷2,4
PGSI-D35/LC	1,3÷1,7
PGSI-D40/LC	0,8÷1,3
PGSI-D45/LC	0,4÷0,8
PGSI-D50/LC	0,2÷0,4
Tipo LV/LV type	
PGSI-D05/LV	2,4÷4
PGSI-D15/LV	1,7÷2,4
PGSI-D10/LV	1,3÷1,7
PGSI-D20/LV	0,8÷1,3
PGSI-D25/LV	0,4÷0,8
Trapezio/Trapezium	
TR 11	7x38
TR 7,5	6x26
TR 5	5x17



Forma Shape	Dimensioni # mm. Dimensions # mm.
Aghetto/Pin	
	PIN 05/05/23 5x5x24
	PIN 06/06 4x4x20
	PIN 06/08 3x3x20
Tronchetto/Pin Cut	
	PIN-CUT 6X6X19
Dado/Cube	
	D8 8x8x8
	D6 6x6x6
	D4 4x4x4
Doppio cuneo/wedge shaped pin	
	K-6 6x26
	K-4 4x24
	K-3 3x21

“Efi” special vegetable granulates and wood-chips.

A wide range of “Efi” special vegetable granulates (with high efficiency) and wood-chips both natural and pre-mixed, suitable for any kind of dry process.

Thanks to a special high-temperature impregnation, the pre-mixed granulates are ready for use, both for fine smoothing and for polishing processes, thus allowing the high finishing quality already starting from the first working process.

Thanks to this high-value impregnation, the granulates have a longer life.



Rollmedia

Rollmesh



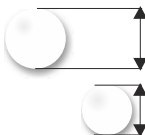
Forma Shape	Dimensioni mm. Dimensions mm.
NATUR	
Mais/Corncob	
GM-04	~5÷8
GM-06 - GM-06/R	> 4,1÷7
GM-08 - GM-08/R	~2,6÷4,1
GM-12 - GM-12/R	~1,9÷2,6
GM-16 - GM-16/R	~1,4÷1,9
GM-20 - GM-20/R	~0,9÷1,4
GM-30 - GM-30/R	~0,65÷0,9
GM-40 - GM-40/R	~0,20÷0,65
Albicocca/Apricot	
AP-G1/A	L
AP-G2/A	M
AP-G3/A	S
AP-G45/A	XS
Speciale/Special	
GRA-0A4	XXXL
GRA-00A	XXL
GRN-00A	XXL
Legnetto classico/Classic wood-chips	
WOOD-04	04x04x04
WOOD-06	04x04x06
WOOD-07	07x07x07
WOOD-10	10x10x10
WOOD-12	12x12x12
SYNTHETIC	
TEKNOPLAST-MX	

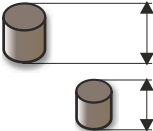
Vegetable granulates

ROLLMESH series marks the line of classic Rollwasch® vegetable granulates and offers a wide range of sizes and qualities.

The Rollmesh series is also available, on request, as impregnated type.

TEKNOPLAST marks an alternative series of synthetic granulates, particularly recommended for peculiar fields (f.e.: medical, surgical, pharmaceutical, etc.) or for all those processes where the features of a vegetable granulate could be incompatible.

Forma Shape	Dimensioni "min - max" mm. Dimensions "min - max" mm.		
CAVIAR-HD			
	CAVIAR-HD-0406	0,4÷0,6	
	CAVIAR-HD-0608	0,6÷0,8	
	CAVIAR-HD-0810	0,8÷1,0	
	CAVIAR-HD-1012	1,0÷1,2	
	CAVIAR-HD-1214	1,2÷1,4	
	CAVIAR-HD-1416	1,4÷1,6	
	CAVIAR-HD-1618	1,6÷1,8	
	CAVIAR-HD-1820	1,8÷2,0	
	CAVIAR-HD-2022	2,0÷2,2	
	CAVIAR-HD-2225	2,2÷2,5	
	CAVIAR-HD-2426	2,4÷2,6	
	CAVIAR-HD-2528	2,5÷2,8	
CAVIAR-HD-2832	2,8÷3,2		
CAVIAR-HD-3040	3,0÷4,0		
ZIRCONIX			
		STD	DLX
	ZIRCONIX-01	0,1	
	ZIRCONIX-0102		0,1÷0,2
	ZIRCONIX-02	0,2	
	ZIRCONIX-0203		0,1÷0,3
	ZIRCONIX-03	0,3	
	ZIRCONIX-0304		0,3÷0,4
	ZIRCONIX-0405		0,4÷0,5
	ZIRCONIX-0406	0,4÷0,6	
	ZIRCONIX-0506		0,5÷0,6
	ZIRCONIX-0204		0,2÷0,4
	ZIRCONIX-0406		0,4÷0,6
	ZIRCONIX-0608	0,6÷0,8	0,6÷0,8
	ZIRCONIX-0801	0,8÷1,0	0,8÷1,0
	ZIRCONIX-1012	1,0÷1,2	1,0÷1,2
	ZIRCONIX-1214	1,2÷1,4	1,2÷1,4
	ZIRCONIX-1416		1,4÷1,6
	ZIRCONIX-1417	1,4÷1,7	
	ZIRCONIX-1618		1,6÷1,8
	ZIRCONIX-1520	1,5÷2,0	
	ZIRCONIX-1820		1,8÷2,0
	ZIRCONIX-2025	2,0÷2,5	2,0÷2,5
	ZIRCONIX-2630		2,6÷3,0
	ZIRCONIX-30	3,0	
	ZIRCONIX-40	4,0	
	ZIRCONIX-50	5,0	
	ZIRCONIX-80	8,0	

Forma Shape	Dimensioni "min - max" mm. Dimensions "min - max" mm.	
BLACK		
	Black_U14/19	14÷19
	Black_U13/14	12,7÷14
	Black_U9,5/13	9,5÷12,7
	Black_U8/9,5	7,9÷9,5
	Black_U6/7	5,6÷7,9
	Black_U5/6	4,8÷6,35
	Black_U3/4	3,2÷4,8
	Black_U2/3	2,4÷3,2



CAVIAR-HD



ZIRCONIX

Special ceramic media

CAVIAR – A special production process enables us to offer you a new Special Ceramic Media. Caviar-HD are made of sintered High Density Special Ceramic materials. Compared with other kind of media on the market, produced in a melting process, sintering minimizes air inclusions and therefore media breakage and damage of the surfaces and/or some machines like disc-finishing, for example. Thanks to this kind of finishing media a lot of applications are possible.

ZIRCONIX – zirconium spheres with high polishing properties, available in various sizes. STD: for industrial purposes - DLX with food certification.

BLACK – very high density special ceramic media particularly suitable for Abrakem, Diafinish and similar processes. This particular series of media stands out for the high finishing capacity, due to the geometrical irregularity, that allows a good surface covering, for the very high density and the brown colour.



Rollglass & Rollinox

A black and white photograph showing a vast, dense crowd of people, primarily men, gathered outdoors. The individuals are packed closely together, filling the entire frame. Many are looking towards the camera, while others are looking in various directions. The crowd appears to be of diverse ages and ethnicities. The setting is outdoors, with some trees visible in the background on the left side. The overall atmosphere suggests a significant public gathering, such as a protest, rally, or large-scale event.

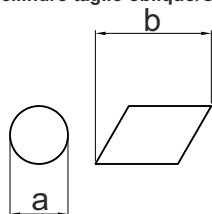
Rollglass series: glass balls; Rollinox series: stainless steel balls, satellites and pins

The series **Rollglass** includes glass balls with a wide range of sizes.

The **anti-packing TPK** micro balls are suitable for the treatment of thin and flat workpieces to prevent them from sticking together.

Forma Shape **Dimensioni "a x b x c" mm**
Dimensions "a x b x c" mm

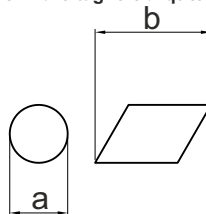
cilindro taglio obliquo/Cylinder angle cut TRN



TRN-CU-0,1X0,3	0,1x0,3
TRN-CU-0,1X1	0,1x1,0
TRN-CU-0,1X2	0,1x2,0
TRN-CU-0,15X0,4	0,15x0,4
TRN-CU-0,15X1	0,15x1,0
TRN-CU-0,25X0,5	0,2x0,5
TRN-CU-0,2X0,7	0,2x0,7
TRN-CU-0,2X1	0,2x1,0
TRN-CU-0,2X2	0,2x2,0
TRN-CU-0,2X3	0,2x3,0
TRN-CU-0,3X0,4	0,3x0,4
TRN-CU-0,3X0,5	0,3x0,5
TRN-CU-0,3X1,5	0,3x1,5
TRN-CU-0,3X2	0,3x2,0
TRN-CU-0,3X3	0,3x3,0
TRN-CU-0,3X4	0,3x4,0
TRN-CU-0,3X6	0,3x6,0
TRN-CU-0,3X10	0,3x10,0
TRN-CU-0,4X0,5	0,4x0,5
TRN-CU-0,4X2	0,4x2,0
TRN-CU-0,4X3	0,4x3,0
TRN-CU-0,4X4	0,4x4,0
TRN-CU-0,4X6	0,4x6,0
TRN-CU-0,4X10	0,4x10,0
TRN-CU-0,5X1	0,5x1,0
TRN-CU-0,5X2	0,5x2,0
TRN-CU-0,5X3	0,5x3,0
TRN-CU-0,5X4	0,5x4,0
TRN-CU-0,5X6	0,5x6,0
TRN-CU-0,5X8	0,5x8,0
TRN-CU-0,6X2	0,6x2,0
TRN-CU-0,6X3	0,6x3,0
TRN-CU-0,6X4	0,6x4,0
TRN-CU-0,6X6	0,6x6,0
TRN-CU-0,7X1	0,7x1,0
TRN-CU-0,7X2	0,7x2,0
TRN-CU-0,7X4	0,7x4,0
TRN-CU-0,7X6	0,7x6,0
TRN-CU-0,7X8	0,7x8,0
TRN-CU-0,7X10	0,7x10,0
TRN-CU-0,8X1	0,8x1,0
TRN-CU-0,8X2	0,8x2,0
TRN-CU-0,8X3	0,8x3,0
TRN-CU-0,8X4	0,8x4,0
TRN-CU-0,8X5	0,8x5,0
TRN-CU-0,8X6	0,8x6,0
TRN-CU-0,8X8	0,8x8,0
TRN-CU-0,8X10	0,8x10,0
TRN-CU-1X2	1x2
TRN-CU-1X3	1x3
TRN-CU-1X4	1x4
TRN-CU-1X5	1x5
TRN-CU-1X6	1x6
TRN-CU-1X7	1x7
TRN-CU-1X8	1x8
TRN-CU-1X10	1x10
TRN-CU-1X12	1x12
TRN-CU-1X15	1x15
TRN-CU-1,2X4	1,2x4
TRN-CU-1,2X6	1,2x6
TRN-CU-1,2X8	1,2x8
TRN-CU-1,3X2,5	1,3x2,5
TRN-CU-1,3X4	1,3x4,0
TRN-CU-1,3X6	1,3x6,0
TRN-CU-1,3X8	1,3x8,0
TRN-CU-1,3X10	1,3x10,0

Forma Shape **Dimensioni "a x b" mm**
Dimensions "a x b" mm

cilindro taglio obliquo/Cylinder angle cut



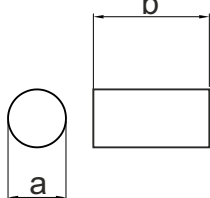
TRN-CU-1,4X4	1,4x4,0
TRN-CU-1,4X6	1,4x6,0
TRN-CU-1,4X8	1,4x8,0
TRN-CU-1,5X4	1,5x4,0
TRN-CU-1,5X6	1,5x6,0
TRN-CU-1,5X8	1,5x8,0
TRN-CU-1,5X10	1,5x10,0
TRN-CU-1,5X16	1,5x16,0
TRN-CU-1,7X5	1,7x5,0
TRN-CU-1,7X6	1,7x6,0
TRN-CU-1,8X4	1,8x4,0
TRN-CU-1,8X5	1,8x5,0
TRN-CU-1,8X6	1,8x6,0
TRN-CU-1,8X8	1,8x8,0
TRN-CU-1,8X8,5	1,8x8,5
TRN-CU-1,8X10	1,8x10,0
TRN-CU-2X3	2,0x3,0
TRN-CU-2X4	2,0x4,0
TRN-CU-2X5	2,0x5,0
TRN-CU-2X6	2,0x6,0
TRN-CU-2X8	2,0x8,0
TRN-CU-2X10	2,0x10,0
TRN-CU-2X13	2,0x13,0
TRN-CU-2X15	2,0x15,0
TRN-CU-2X20	2,0x20,0
TRN-CU-2,5X6	2,5x6,0
TRN-CU-2,5X7	2,5x7,0
TRN-CU-2,5X8	2,5x8,0
TRN-CU-2,5X10	2,5x10,0
TRN-CU-2,5X12	2,5x12,0
TRN-CU-3X6	3,0x6,0
TRN-CU-3X7	3,0x7,0
TRN-CU-3X8	3,0x8,0
TRN-CU-3X10	3,0x10,0
TRN-CU-3X12	3,0x12,0
TRN-CU-3X15	3,0x15,0
TRN-CU-3X16	3,0x16,0
TRN-CU-3X18	3,0x18,0
TRN-CU-3X20	3,0x20,0
TRN-CU-3X40	3,0x40,0
TRN-CU-3,5X8	3,5x8,0
TRN-CU-3,5X10	3,5x10,0
TRN-CU-3,5X12	3,5x12,0
TRN-CU-3,5X13	3,5x13,0
TRN-CU-3,5X16	3,5x16,0
TRN-CU-4X6	4,0x6,0
TRN-CU-4X8,5	4,0x8,5,0
TRN-CU-4X10	4,0x10,0
TRN-CU-4X13	4,0x13,0
TRN-CU-4X15	4,0x15,0
TRN-CU-4X20	4,0x20,0
TRN-CU-4X40	4,0x40,0
TRN-CU-4,5X10	4,5x10,0
TRN-CU-4,5X12	4,5x12,0
TRN-CU-4,5X15	4,5x15,0
TRN-CU-5X10	5,0x10,0
TRN-CU-5X12	5,0x12,0
TRN-CU-5X15	5,0x15,0
TRN-CU-5X16	5,0x16,0
TRN-CU-5X20	5,0x20,0
TRN-CU-5X24	5,0x24,0
TRN-CU-5X50	5,0x50,0
TRN-CU-6X15	6,0x15,0
TRN-CU-6X18	6,0x18,0



Forma
Shape

Dimensioni "a x b x c" mm
Dimensions "a x b x c" mm

Cilindro taglio dritto/Cylinder straight cut



TRN-D-CU-0,1X0,1	0,1x0,1
TRN-D-CU-0,1X0,2	0,1x0,2
TRN-D-CU-0,15X0,15	0,15x0,15
TRN-D-CU-0,2X0,2	0,2x0,2
TRN-D-CU-0,3X0,3	0,3x0,3
TRN-D-CU-0,4X0,4	0,4x0,4
TRN-D-CU-0,5X0,5	0,5x0,5
TRN-D-CU-0,5X1	0,5x1,0
TRN-D-CU-0,5X2	0,5x2,0
TRN-D-CU-0,5X3	0,5x3,0
TRN-D-CU-0,6X0,6	0,6x0,6
TRN-D-CU-0,7X0,7	0,7x0,7
TRN-D-CU-0,8X0,8	0,8x0,8
TRN-D-CU-0,8X1	0,8x1,0
TRN-D-CU-0,8X1,5	0,8x1,5
TRN-D-CU-0,8X2	0,8x2,0
TRN-D-CU-0,8X3	0,8x3,0
TRN-D-CU-1X1	1,0x1,0
TRN-D-CU-1,3X4	1,3x4,0
TRN-D-CU-1,5X1,5	1,5x1,5
TRN-D-CU-1,5X4	1,5x4,0
TRN-D-CU-1,8X2	1,8x2,0
TRN-D-CU-1,8X4	1,8x4,0
TRN-D-CU-2X2	2,0x2,0
TRN-D-CU-2X3	2,0x3,0
TRN-D-CU-2X4	2,0x4,0
TRN-D-CU-2,5X6	2,5x6,0

Forma
Shape

Dimensioni "a x b" mm
Dimensions "a x b" mm

Sfera/Sphere SB



SB-CU-0,071/0,160	0,071+0,160
SB-CU-0,180/0,250	0,180+0,250
SB-CU-0,315/0,630	0,315+0,630

SB-CU-45-90	45+90my
-------------	---------

RMB-CU: romboidali - rhombus



RMB-CU-0,5X2X6	0,5x2x6,0
RMB-CU-0,85X2,8X6	0,85x2,8x6,0
RMB-CU-0,85X2,8X8	0,85x2,8x8,0
RMB-CU-1,7X5X10	1,7x5,0x10,0
RMB-CU-1,7X5X13	1,7x5,0x13,0
RMB-CU-2X7X16	2,0x7,0x16,0
RMB-CU-3X4,8X12	3,0x4,8x12,0
RMB-CU-3X4,8X15	3,0x4,8x15,0
RMB-CU-3X5,7X15	3,0x5,7x15,0
RMB-CU-3,2X5,2X12	3,2x5,2x12,0
RMB-CU-4X5,7X15	4,0x5,7x15,0
RMB-CU-5X6,5X15	5,0x6,5x15,0



Copper media

Rollmedia

Super Cut



Prodotto Rollkemik HDMIX Rollkemik Product HDMIX

HDMIX40/MD	Per finitura/For finishing
HDMIX45/MD	Per finitura/For finishing
HDMIX50/MD	Per finitura/For finishing

HDMIX15/MDLV	Sgrossatura/raggiatura - rough sharpening/radiusing
HDMIX45/MDLV	Sgrossatura/raggiatura - rough sharpening/radiusing

HDMIX15/MDLV-H
HDMIX45/MDLV-H

Prodotto Rollkemik EXTRA-CUT Rollkemik Product EXTRA-CUT

EXTRA-CUT-MD/LC
EXTRA-CUT-BD/LC
EXTRA-CUT-CF/LC
EXTRA-CUT-LP/LV
EXTRA-CUT-B0D0/LV



A line of superabrasives, for fast and active surface removal.

HDMIX is a special finishing media, defined as «super-abrasive media supported by hard vegetable granulate», available in several abrasive grades in order to reach extremely low rugosity.

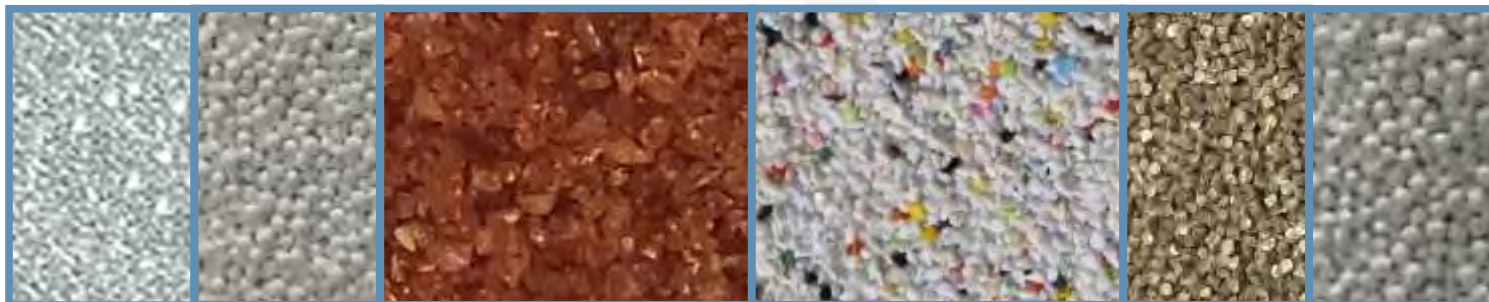


Rollmedia

VibroBLAST

Forma Shape	Dimensioni mm. Dimensions mm.		
MIKROS 	MIKROS-40/70	40÷70µm	P - A
	MIKROS-70/110	70÷100µm	P - A
	MIKROS-90/150	90÷150µm	P - A
	MIKROS-150/250	150÷250µm	P - A
	MIKROS-300/400	300÷400µm	P - A

Prodotto Rollkemik Super Cut Rollkemik Product Super Cut	Colore/grana Colour/mesh
SC-FN	Nero/Black - fine/Fine



VibroBLAST MEDIA is a series of media for sandblasting, shot peening and shot blasting compatible with the VibroBLAST technology.

The series **Rollglass** includes glass microballs with a wide range of sizes and are generally suitable for shot-peening (with proper machines) and vibratory finishing processes (alone or employed with others "media") as well as vibro-blasting.

Super Cut is a range of superabrasives often suitable for dry processes with techniques and machinery of various type. In parallel it is also foreseen the use in wet processes, in combination with other Rollkemik compounds. The compounds Super Cut are proposed upon technical support of Rollwasch® laboratories and technicians.

VibroBLAST media: wide range of sandblasting, shot peening and shot blasting media. Ideal media for VibroBLAST series machines. and for the most common sandblasting brands.

This range is made of glass microspheres, plastic grit, spherical cast steel grit, type C chrome inoxidizable grit, angular cast steel grit, ceramic grit, natural and synthetic abrasives.

Finally there are also available special grits.

Prodotto Product	Colore/grana Colour/mesh
CRND-B: Per sbavatura - graniglia fine - colore: bianco For Deburring - fine grit - colour: white	
CRND-B 40	ID nr. 11 438µm
CRND-B 60	ID nr. 8 260µm
CRND-B 120	ID nr. 2 109µm
CRND-B 180	63µm
CRND-B 240	44,5µm
CRND-B 360	22,8µm

Prodotto Product	Colore/grana Colour/mesh
CRB: Per sbavatura - grana grossa - colore: rosso bruno For Deburring - big grit - colour: red brown	
CRB 30/60	ID nr. 1 30/60mm
CRB 20/30	ID nr. 5 20/30mm
CRB 10/15	ID nr. 9 10/15mm
CRB 8/10	ID nr. 10 8/10mm

Prodotto Product	Colore/grana Colour/mesh
CRND-RB: Per sbavatura - graniglia fine - colore: rosso bruno For Deburring - fine grit - colour: red-brown	
CRND-RB 16	1,18mm
CRND-RB 30	600µm
CRND-RB-36	ID nr. 3 525µm
CRND-RB-60	ID nr. 7 260µm
CRND-RB-80	ID nr. 12 185µm
CRND-RB-120	106µm
CRND-RB-160	ID nr. 4 70µm
CRND-RB-240	ID nr. 6 44,5 +/-2µm



CRB: grana grossa - big grit
rosso/bruno - red/brown

CRND-RB: graniglia fine - fine grit
rosso/bruno - red/brown

CRND-B: graniglia fine - fine grit
bianco - white

Aluminium-oxide base abrasive granular

RND-B

The high level of purity and the absence of contaminating impurities of this product, enable to obtain perfectly cleaned surfaces and ready for further treatments, they allow noble metals treatment, plastic materials, glass, stainless steel, and the use in dental field, jeweller's art etc.

CRB e CRND-RB

Red brown corundum is composed of crystalline aluminium oxide, it's characterized by its toughness and its ability to abrade quickly every kind of material. It's particularly suitable for sandblasting with recycling, thanks to its high impact resistance.

The different types and sizes enable to chose the level of abrasion suitable for every demands. Red brown corundum is not toxic and it's absolutely without any substance bad for health.



Rollmedia

Kera-Beads

Forma Shape	mesh mesh	Dimensioni mm. Dimensions mm.
KERA-BEADS		
	B.20	20/30
	B.30	30/40
	B.40	40/60
	B.60	60/120
	B.80	80/100
	B.100	90/120
	B.120	120/200
	B.125	120
	B.205	220

KERA-BEADS

The KERA-BEADS series are used both with compressed air, dry and wet sandblasting machines, and with turbine.

Use with compressed air: the high impact resistance of the KERA-Beads significantly reduces the consumption of the sandblasting material and consequently the operating costs. The ceramic microspheres produce low quantity of dust.

Their high density allows to reduce the blasting pressure, obtaining the same cleaning effect.

Turbine: KERA-Beads microspheres significantly limit the wear of the mold surfaces. The advantage is the reduction of costs both in terms of maintenance and mold replacement.



REACH regulation - acronym of Registration, Evaluation, Authorisation and restriction of Chemicals. Reach Regulations (declaration to the user)

As it is well known, on 1st June 2007 came into force the REACH, i.e. the new European regulations, whose purpose is to permit a responsible use of the chemical substances. It will be steadily granted by studies on the environmental impact and on the human health through the Registration at the European Union competent organization both of the new substances and of the ones already existing on the market.

The complete application of the Regulations requires a time interval of 11 years and therefore ended in year 2018.

This phase included a first period, ended on 1st December 2008, during which the companies could pre-register their manufactured and/or imported substances in order to maintain their presence on the market.

Being our company a "final user" of substances, we have provided to ask to our raw materials suppliers to make the pre-registration of all the substances we buy and use in the formulations of the products of our production and/or supply.

Up to today, we can assure you the absolute availability of our suppliers of raw materials and substances, who has informed us to have made the pre-registration of the same, moreover we confirm you that in the Rollkemik compounds there isn't any SVHC substances presence.



Quality, according to Rollwasch®.

Quality, according Rollwasch®, is a reason for continuous growing and attention.

Each product, each device, each machinery is subjected to an endless series of checks and reviews, starting from planning, going through prototyping, till the pre-production and standard production.

Giving wide space to the communication and to the quality of opinions exchange among experienced co-operators, the range of Rollwasch® products and machinery is in continuous improving and updating.



VIA SAN CARLO, 21
20847 ALBIATE (MB) - ITALIA



TEL. +39 0362 930334
FAX. +39 0362 931440
E-MAIL INFO@ROLLWASCH.IT



WWW.ROLLWASCH.COM
PERFECT SURFACES SINCE 1950

OUR EXPERIENCE, YOUR RESULTS

