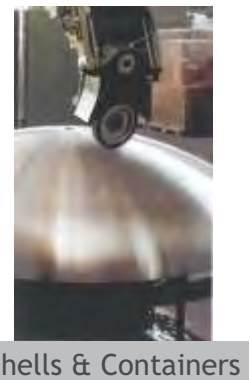
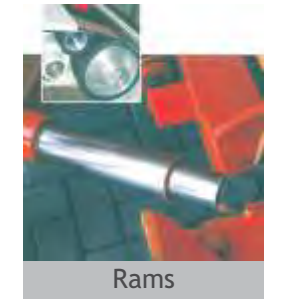
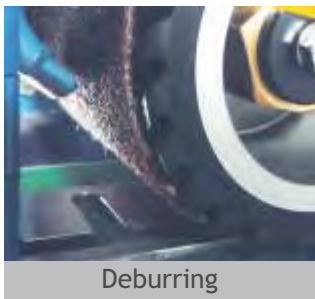
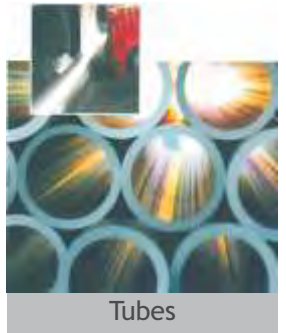
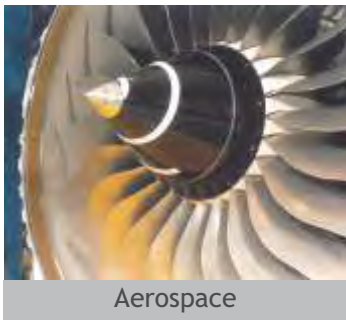
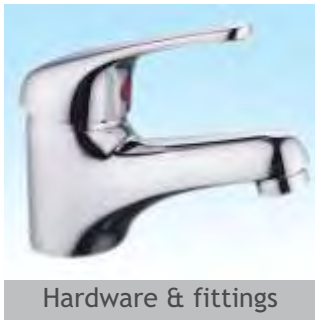
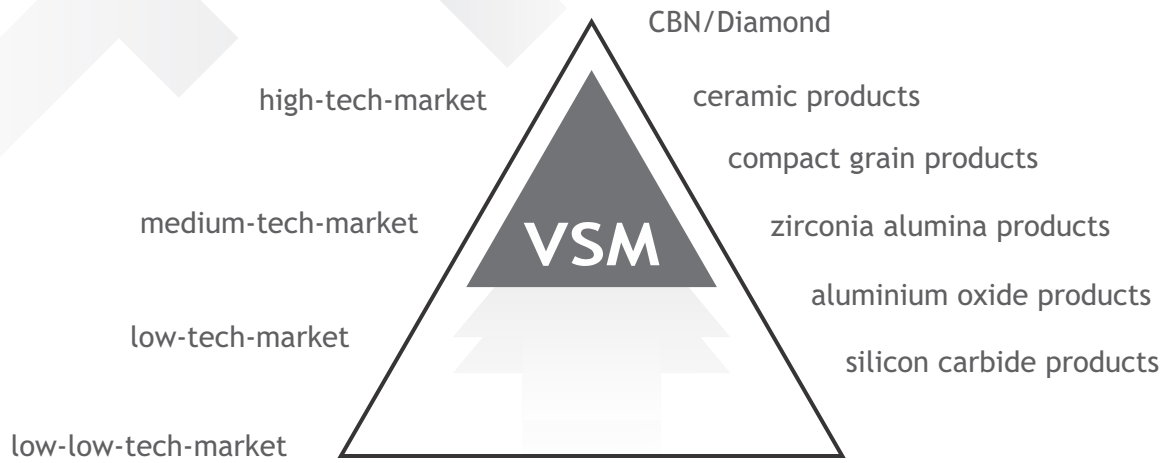


For Deburring, Fettling, Sanding, Finishing, Lapping & Superfinishing



Your Application



- Superior Finish, Higher Productivity & Consistent Performance
- Technical Support & Application Guidance by Experts
- Fast Delivery & Quick Service



Our Solutions

VSM® COMPACTGRAIN products for finishing

t = 0 Grinding time

Benefits of VSM COMPACTGRAIN

- even stock removal
- fine surfaces
- continuous self-sharpening
- consistent surface finish during entire service life

Scratch depth vs Grinding time

1. Belt 2. Belt 3. Belt ...

VSM® CERAMICS products for roughing

t = 0 Grinding time

Benefits of VSM CERAMICS

- high level of stock removal
- long service life
- continuous self-sharpening
- cool grinding
- for hard work pieces

Grinding power in comparison

— VSM CERAMICS
— typical competitor products

Grinding time

VSM® ZIRCONIA ALUMINA PRODUCTS for roughing

t = 0 Grinding time

Benefits of VSM ZIRCONIA ALUMINA

- high level of stock removal
- long service life
- continuous self-sharpening

Comparison of grinding performance

— VSM ZIRCONIA ALUMINA
— Product of competition

Stock removal [g] vs Grinding time

Higher stock removal
Faster Grinding

t₁ t₂ t₃

VSM® TOP SIZE products for cool cutting

t = 0 Grinding time

Additional layer (Top Size)

- for cooler grinding
- for higher cutting rate

TOP SIZE and conventional Abrasives

Grinding Stainless steel : Economy of Time

Grinding time (min) vs Grinding time (min)

23 min
13 min
10 min

TOP SIZE economise approx. 10 min grinding time

— KK715X — KK815Y
TOP SIZE

Test conditions :
Workpiece Material 1.4021 (x20Cr13) Grain 35, force of pressure 40 N, cutting speed 36 m/s Stock removal [g]



Delivery Program

- Belts • Wide Belts • Rolls • Scalloped Rolls • Sleeves • Discs • Waterproof Papers

	Grains & Series	Grit Range	Backing	Typical Applications
HIGH QUALITY	Alox			
	KK 711X	36-400	Sturdy Cotton/ Polyester Cloth	General Purpose Applications (Dry)
	KK 711Y	36-500	Very Sturdy Cotton/ Polyester Cloth	General Purpose Applications (Wet)
	KK 511J	60-500	Flexible Cotton Cloth	Musical Instruments, Sanitary Fittings, Turbine Blades
	KK 511F	60-800	Very Flexible Cotton Cloth	Crankshafts, Brass & Bronze Castings, Handicrafts
KP508E	120-400	High Quality Paper	Textile Peaching, Wood Working	
HIGH TECH	Sic			
	CK 721X	24-400	Robust Cotton/ Polyester Cloth	Glass, Ceramic, Wood, Rubber & Synthetic Materials
	CK 722Y	24-180	Extremely Robust Polyester Cloth	Chip & MDF Board, Paper, Paints & Lacquer, China
	Zirconia			
	ZK 713X	24-120	Robust Polyester Cloth	Aluminium Die Casting, Hand Tools, Tubes & Rods, Forging & Auto Parts, Fabrication, Boiler Shell
	Compact Grain Alox			
	KK 718X	80-600	Sturdy Polyester Cloth	Tubes & Bars, Sheets & Coils, Piston Rods (Wet)
	KK 772J	80-400	Flexible Cotton Cloth	Dairy, Surgical Implants & Forged Parts
	Compact Grain Sic			
	CK 918X	240-1200	Robust Polyester Cloth	Tubes, Bars, Flats, Metal Coils & Sheets (Wet)
	CK 748X	80-400	Sturdy Polyester Cloth	Metal Coils, Scissors, Robotic Grinding (Wet)
	Top Size Zirconia			
	ZK 744X	24-80	Robust Polyester Cloth	Surgical Tools, Forged Parts, Furniture, Stainless Steel
	KK 815Y	36-100	Very Robust Polyester Cloth	Kitchen Sinks, Wheel Rim Joints, Weldment, Investment Castings
	Non Woven			
Alox & Sic	Coarse Meduim Fine	Web of Nylon Fiber Interwoven In Polyester Cloth	Tubes & Rods, Furniture, Metal Fabrication, Satin Finishing	
Ceramic				
XK870X	24-120	Sturdy Polyester Cloth	Investment Castings, Stainless Steel Bar & Tubes, Forgings, Hand Tools - High Stock Removal - Dry Grinding	
XK870J	50-120	Flexible Cotton Cloth	Castings, Profiled Parts, Turbine Blades, Sanitary Fittings, Surgical Tools	
Lapping Films				
White Alox	0.1 Micron - 100 Micron	Polyester Film	Crankshaft, Camshaft Lapping, Finishing Of Piston Rods, Rotogravure Cylinders, And Similar Lapping Operations	
Silicon Carbide	0.1 Micron - 40 Micron	Polyester Film	Crankshaft, Camshaft Lapping, Finishing Of Piston Rods, Rotogravure Cylinders, And Similar Lapping Operations	
Diamond	0.1 Micron - 30 Micron	Polyester Film	Rotogravure Cylinders, Plastic Lens, Printed Circuit Board, Optical Device & Fiber	

World Class Abrasives available at State of The Art Conversion Plant at Aurangabad. For detailed information & professional advice, please contact your Abrasive Specialist.



**GRIND
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Abrasives

Precision Engineers

(Abrasive Division of Grind Master)

UNIT-II, Plot No. H-17/2 Part, MIDC,

Industrial Area, Waluj - 431136, Dist. Aurangabad, M.S.

Phone: +91 (240) 2374104 / 2374142, email: sales@grindmaster.co.in