

# CONSUMABLES

For Vibratory & Surface Finishing



SHARMIC ENGINEERING LIMITED  
SURFACE FINISHING EQUIPMENT & CONSUMABLES

## CERAMIC MEDIA

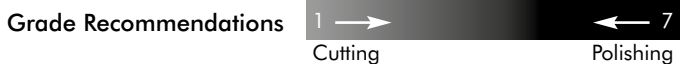


The High Density Preformed Ceramic Media enables various Finishes to be imparted on metals, plastics and other ceramic Materials, according to the grade selected.

It is used according to grade, shape and size, in a variety of Barrel, vibratory and centrifugal finishing machines, to Perform such operations as grinding, deburring, deflashing, Honing, polishing, burnishing and super-finishing to low Micro inch finishes.

TYPE	M/M	3	4	5	6	10	12	16	20	25	32	38	45	50
TRIANGLES		●	●	●	●	●	●	●	●	●	●	●	●	●
CYLINDER		●	●	●	●	●	●	●	●	●	●	●	●	●
ELIPSES						●			●	●				
STARS						●			●		●		●	
RHOMBUS											●			●
TRISTAR					●	●		●	●		●			
SPHERES TCX only		●			●	●	●		●	●				
CONES												●		
ARROWHEAD						●			●	●				

● Special Production Available in most grades



## PLASTIC MEDIA



This Low Density Plastic Media enables fine finishes to be imparted on metals and plastics which hitherto has been Impossible without surface impingement or work hardening of the surfaces. It eliminates costly hand polishing and provides Surfaces ready for electroplating, anodising or painting. It is extensively used for deburring, deflashing, radiusing, polishing, Burnishing and surface improvement of all metals and plastics.

TYPE	M/M	5	10	12/20	12	15	16/20	20	23	25	30	38	50	60	65/35	40/25	75/45
CONES			●		●	●	●	●	●	●	●	●	●	●			
TETRAHEDRONS			●				●		●		●	●	●	●			
OCTOCONES															●		●
TRIANGLES																	●
BOWTIES				●													
PARABOLOIDS								●			●	●	●	●			
TRISTAR								●			●	●	●				
PYRAMID		●															

● Special Production Available in most grades



### Superfast BR grade (Dark Brown)

An alternative to TC12 where rapid stock removal is required.

### Supercut TC12 grade (Light Brown)

Fast Cut Grade, based on a different abrasive system to standard cut.

### Fast Cut TC2 grade (Grey)

Slightly faster in performance than the standard cut.

### Standard Cut TCI grade (Grey)

General purpose abrasive finishing and surface improvements on all metals.

### Low Cut ASR Grade (Grey)

General purpose for all metals low depreciation.

### Fine TC9 grade (Pink)

Suitable where a degree of cut with a fine finish is important.

### Superfine TCO grade (Cream)

Containing no added abrasives it used for a variety of special applications.

### Ultrafine TCX grade (White)

For non-abrasive applications where an Aluminous Porcelain is preferred to steel media. It is used extensively for pickling, burnishing and polishing operations when used in conjunction with a paste or burnishing compound.

### Type HI-CUT (Black)

For extra fast cutting and the fast removal of heavy burrs and flash from all metals.

### Type FC (Yellow)

General purpose high cut. Designed for 3d printed components, plastics and non ferrous materials.

### Type UF (Pink)

For general purpose non petroleum based media, it is low foaming and has the advantage of initial low price.

### Type PCH (Grey/Green)

For faster deburring, medium finishing and surface improvement of all Metals, particularly aluminium leaving it a natural colour when finished. Contains a synthetic abrasive.

### Type PH (Green)

A popular economical general purpose finishing media, giving excellent surface improvement of all metals.

### Type PCX (Red)

General purpose polyester finishing media, for the surface improvement of all metals.

### Type P67 (Pink/Blue)

A lower density cost effective finishing media, an alternative to conventional media offering qualities and depreciation rates similar to ceramic media.

### Type PH1 (Yellow)

For ultrafine surface improvement and in particular the generation of an extremely bright finish to the surface of all metals.

### Type PA (White/Blue)

A low fine finishing media for producing a very flat fine surface on all metals.

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## POWDER COMPOUNDS

TYPE	DESCRIPTION	FERROUS	NON FERROUS
SX-11	COARSE STOCK REMOVAL	●	●
SX-12	RAPID STOCK REMOVAL	●	●
SX-20	ACIDIC/PICKLING	●	
SX-21	ACIDIC/PICKLING		●
SX-25	INHIBITOR	●	
SX-30	LIGHT DEBURR		●
SX-31	LIGHT DEBURR/SMOOTHING	●	●
SX-32	MEDIUM ABRASIVE	●	
SX-33	FAST CUTTING ABRASIVE	●	●
SX-35	PRE PLATE/PRE ANODISING	●	●
SX-42	DEGREASING		●
SX-43	STRONG DEGREASING	●	
SX-44	ALKALI CLEANING	●	
SX-45	NEUTRAL CLEANING		●
SX-46	POLISHING/CLEANING	●	
SX-52	POLISHING/CLEANING	●	
SX-60	POLISHING PRECIOUS METALS		●
SX-62	ACIDIC BURNISHING		●
SX-66	POLISHING/BURNISHING		●
SX-70	POLISHING/BURNISHING		●
SX-80	POLISHING/BURNISHING		●
PUMICE	POLISHING/LIGHT CUTTING	●	

\*REFER TO HEALTH AND SAFETY DATA FOR USE AND FURTHER TECHNICAL DATA

## PROCESS

DEBURRING	DESCALING	DEGREASING	POLISHING	BURNISHING	PROTECTION	SMOOTHING	NEUTRALISING
●					●		
●					●		
	●				●		
		●					
●				●			
●					●	●	
●					●	●	
							●
●					●	●	
							●
		●			●		
			●			●	
			●	●	●	●	
			●	●			
			●	●			
			●	●			
●			●			●	

HIGHLY RECOMMENDED
STEEL/BRASS
CAST IRON/STEEL
HARDENED STEEL
COPPER/BRASS
STEEL/IRON
ALUMINIUM/ZINC
GOLD/SILVER/PEWTER
ZINC/ALUMINIUM WITH STEEL INSERTS
DIECASTING/STEEL
UNIVERSAL
ALUMINIUM/ZINC
STEEL
STEEL
STEEL
SILVER/TIN/PEWTER
STAINLESS STEEL/ALUMINIUM
GOLD/COPPER ALLOYS
ZINC
STAINLESS STEEL
CAST RESIN PARTS

## PASTE

EUROPASTE 125	GRINDING & LAPPING	●	●
EUROPASTE 150	FINE LAPPING		●
EUROPASTE 200	MAIZE POLISHING	●	●
EUROPASTE 220	WOOD/MAIZE POLISHING	●	●
WALNUT PASTE	NUT POLISHING	●	●

## PROCESS

DEBURRING	DESCALING	DEGREASING	POLISHING	BURNISHING	PROTECTION	SMOOTHING	NEUTRALISING
●			●	●	●	●	
			●			●	
			●				
			●				
			●	●			

HIGHLY RECOMMENDED
STEEL/STAINLESS STEEL
BRASS/COPPER
UNIVERSAL
PLASTICS
UNIVERSAL

## LIQUID COMPOUNDS

SX-11/XL	GENERAL PURPOSE	●	●
SX-2L	LOW FOAM		●
SX-3L	BURNISHING	●	●
SX-4L	POLISHING/CLEANING	●	●
SX-5L	POLISHING/CLEANING	●	●
NORCHEM 80	POLISHING		●
NORCHEM 89	POLISHING/CLEANING		●
NORCHEM HILITE	POLISHING		●
SX-10L	ACIDIC CLEANING/POLISHING	●	●
SX-12L	ANTIFOAM	●	●
SX-16L	POLISHING	●	●
SX-18L	HEAVY DESCALE	●	●
SX-19L/S	HEAVY DUTY DEGREASING	●	●
SX-20L	POLISHING		●
SX-21L	FLOCCULATING AGENT	●	●
SX-22L	DEWATERING OIL	●	
SX-25L	DEGREASING	●	●
SX-90L	POLISHING	●	●
RPP2	INHIBITOR	●	
ALP37	ULTRASONIC CLEANER	●	●
RP19L/S	DEGREASER/INHIBITOR	●	

## PROCESS

DEBURRING	DESCALING	DEGREASING	POLISHING	BURNISHING	PROTECTION	SMOOTHING	NEUTRALISING
●			●	●	●	●	
						●	
●			●			●	
●			●			●	
		●	●	●	●	●	
			●	●	●	●	
			●	●	●	●	
			●	●	●	●	
			●	●	●	●	
			●	●	●	●	
			●	●	●	●	
			●	●	●	●	
			●	●	●	●	
			●	●	●	●	
			●	●	●	●	
			●	●	●	●	
			●	●	●	●	
			●	●	●	●	
			●	●	●	●	
			●	●	●	●	

HIGHLY RECOMMENDED
UNIVERSAL
ALUMINIUM
BRIGHT SURFACES WITH STEEL MEDIA
ALUMINIUM & BRASS
STEEL
COPPER/BRASS/ALUMINIUM/ZINC/STAINLESS
ALUMINIUM/ZINC
PEWTER/SILVER/GOLD PLASTICS/RUBBER
BRASS/COPPER/STEEL/ALUMINIUM
REDUCE FOAM IN SYSTEMS
TIN/GOLD/SILVER/PEWTER
STEEL BRASS
STEEL
BRASS/ALUMINIUM/COPPER
USED IN EFFLUENT SYSTEMS TO PROMOTE SETTLEMENT
STEEL
STEEL & NON FERROUS
STEEL & ALUMINIUM STAINLESS STEEL
STEEL
UNIVERSAL
STEEL

## FINISHING MEDIAS

**Polishing & Drying Maizorb**  
Naturally produced from maize, having high absorption qualities, this granulated product is available in the following grades:



PRODUCTS	SCREENING	
	PASS	RETAINED
GM 06 Very Coarse	5.00mm	3.00mm
GM 12 Coarse	2.00mm	1.50mm
GM 16 Medium	1.50mm	1.10mm
GM 20 Fine	1.10mm	0.75mm
GM 30 Very Fine	0.75mm	0.60mm

### Walnut Shell

PRODUCTS	SCREENING	
	PASS	RETAINED
GN 07 Very Coarse	4.50mm	2.50mm
GN 08 Very Coarse	4.00mm	2.50mm
GN 12 Coarse	1.70mm	1.30mm
GN 16 Medium	1.30mm	0.80mm
GN 20 Fine	1.00mm	0.45mm
GN 30 Very Fine	0.80mm	0.45mm
GN 80 Very Fine	0.45mm	0.20mm



### Steel Medias

Carbon steel and stainless steel in variety of grades and shapes, including; balls, pins, saturns and ovals.



### Wood Medias

4mm, 7mm, 10mm & 12mm cubes, for polishing of plastic and resin parts or de-dusting of ceramic ware in pottery industries prior to glazing.



### Shot Blasting

Various types of glass, iron and steel shots and beads for all blasting applications.

