

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

Grade Recommendations 1 → Cutting ← 7 Polishing



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

Grade Recommendations 1 → 4 Cutting ← 5 → 7 Finishing & polishing ← 8 → 9 Fine Finishing

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.

