

IMEXSU a well known brand in the engineering industry for DeBurring solutions. Started its journey in the year 1976 progressing steadily and today **IMEXSU** enlarges a leading role in Customized De-burring Solutions for various industries covering National and International Market..

The key to success has been its continuous innovation in the field of manufacturing and providing appropriate solutions to the customers.

IMEXSU MID BRUSHES

MID (Machine Inline DeBurring) brushes are made of heat stabilized nylon filaments impregnated with Silicon Carbide ; Ceramic ; Diamond and Aluminum Oxide abrasives. These abrasives range from coarse to finest. The filaments do not scrape any material but removes only burrs and can be used for fine surface finishing. MID brushes have a strong advantage in automated deburring operations because of brush conformability essentially eliminates errors which can force a job to be scrapped. The brushes easily adapt to variation in surfaces on jobs, which eliminates the stage wise process required by many other automated deburring systems.

DISC BRUSH

General Features of DISC BRUSH

DISC brushes are particularly suitable for DeBurring, burr generated by milling cutters on any flat and sizable recessed components made from any metals, non-metals and composite.

Cost effective and ideal for custom designed machines

Remove or reduce the Milling marks.

DISC BRUSH SPECIFICATION

DIAMETER: All Disc Brush are Available from 50mm to 300mm diameter as standard. Higher diameter is also available as per customer and job requirement

GRITS: available from 36 to 1200. Non- Std includes 150 ; 400 ; 1800 etc.

TYPES OF FILAMENTS:



Silicon Carbide



Ceramic



Aluminum Oxide



Diamond

WORKING HEIGHT: 12mm ; 15mm ; 18mm ; 25mm ; 30mm and 38mm standard

FILAMENT DIA.: It varies depending upon grit and filament type . Normal standard grits of Silicon carbide are available in 0.5 to 14 mm thickness as a Standard & Non Standard on Request.

Application:

Removing burrs, blending tool marks and finishing flat machined surfaces

Punched Components, where heavy burrs are generated

DeBurring face milled surfaces and DeBurring parts that have specific surface finish requirements

Edge Radiusing

Advantage of IMEXSU's Disc Brush

High safety due to moulded and CNC machined body from Strong Engineering Plastic.

Vast product range – variation in filament material, 80 to 320 std grits, coarse grits and fine grits, size, and shapes to cater each individual need separately

Easy to mount on our patent pending holders, reducing set up cost and downtime. (Just one Allen key).

Adaptable to all standard machining centers viz. VMC, HMC, FMC, CNC, and Robots & Automation to suit the standard holders.