



Gem Diamond Products

Electroplated Lapping Discs

As a total solutions provider for lapidaries and the stone industry, we complement our range of graded diamond micron powders with electroplated diamond laps for stone polishing.

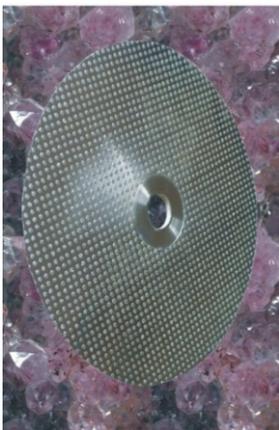


Flat Lapping Discs

For fast and effective polishing, Gem Lapping Discs provide sparkling luster to a wide range of stones such as rubies, emeralds and cabochons as well as on jaspers, agates and such materials. Lapping discs are available from 60 mesh (and coarser if required) to 3000 mesh (and finer if required) in diameters from 6 inch to 36 inch in diameter. Available in Magnetic and Adhesive Backings. Master Laps also Available.

Profiled Lapping Discs

Developed specifically for those interested in manufacturing beads of precious and semi-precious stones, our range of profiled lapping discs is available in the entire range of grit sizes from 60 mesh and coarser to 1200 mesh and finer. These discs are made to order with grooves of specified sizes to make manufacturing of any size of beads as simple as possible. Mirror-finish beads of virtually any material can be easily obtained by using a set of profiled discs starting with coarse discs to generate form, and progressing to finer discs to impart finish.



Spot-Deposited Laps

A recurring problem with plane lapping discs is slurry removal. Often, large amounts of slurry are generated which choke the lap, requiring a shutdown of the process for slurry removal, consequently reducing productivity. An innovative type of lapping disc was developed to solve this problem. Spot Deposited Laps are deposited with diamond only on certain areas on the disc, leaving channels for the slurry to drain, allowing for uninterrupted cutting and hence, higher productivity. Virtually any type of spot deposition can be undertaken; it is our mission to take care of every little problem that you may face, to ensure trouble-free working at high production levels.

Apart from these types there are a host of other possibilities to manufacture lapping discs to suit your individual requirements, and to resolve the smallest problem that you may face, be they for application in lapidaries, engineering applications, petrographic, and stone industry.
