

MDX, Matrix/Diamond Mills

As with all of our thru-tubing mills our MDX series can be custom fabricated to suit your application.



Shown at far left are three grades of processed/conditioned mined diamonds that are sized 6-8 stones here carat that measure about .100" diameter. These are set in raised matrix ridges to increase their effective exposure/standoff while protecting them from impact loads that can fracture them.

The 30-40 mesh Titanium coated diamond grit is about .018" to .020" diameter and are blended with carbide matrix as a slurry that is about 25% by volume of the grit and molded to about 1/4" depth as a backup to the spheres to protect against under-cutting.

