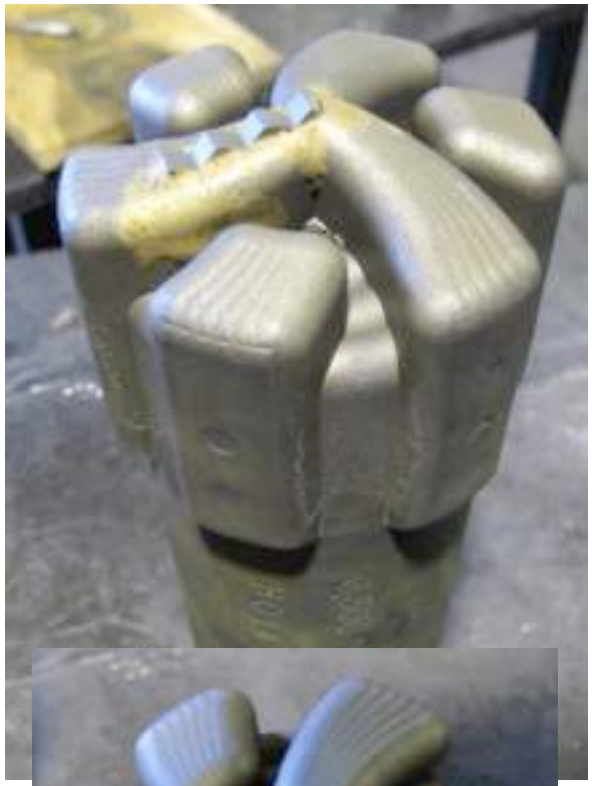
MX and MXT Mills



MX and MXT mills have raised blades that hold a retaining matrix of tungsten/tungsten carbide that contains about 30% by volume of diamond grit. This cutting structure acts much like a diamond grinding rock as the small diamonds do work and dull they are sloughed out of the retaining matrix which wears away to expose fresh grit. This is repeated until the 1/2" to 5/8" of blade height is worn down. We have added one strip of dragon-back carbide at the center to help in the area of very slow linear cutter speed.

MX and MXT mills are routinely used with good results to cut HT steel, Q series steel, case hardened steel slips, 13 chrome, inconel, incoloy, carbide, and even other diamond-impreg.

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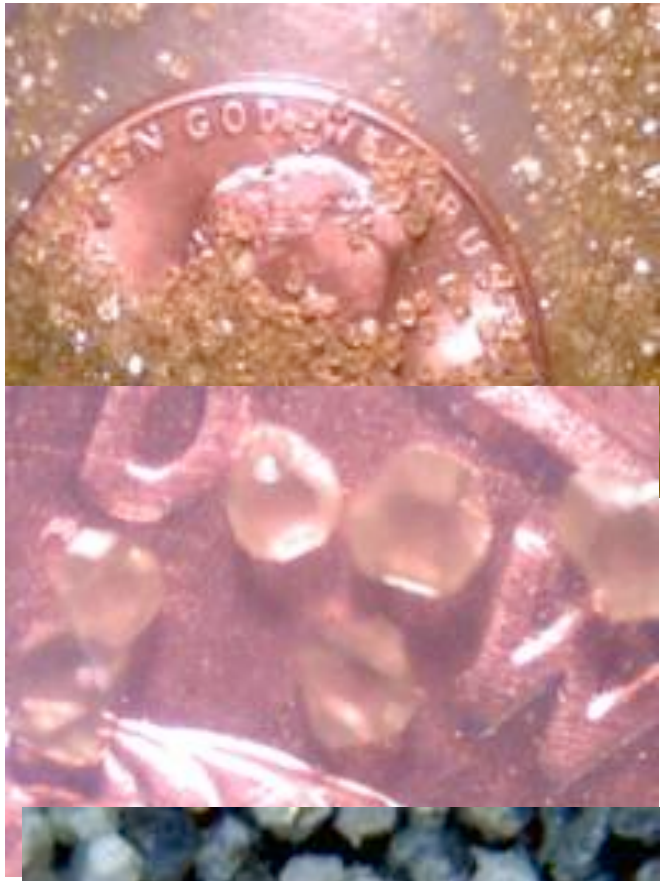

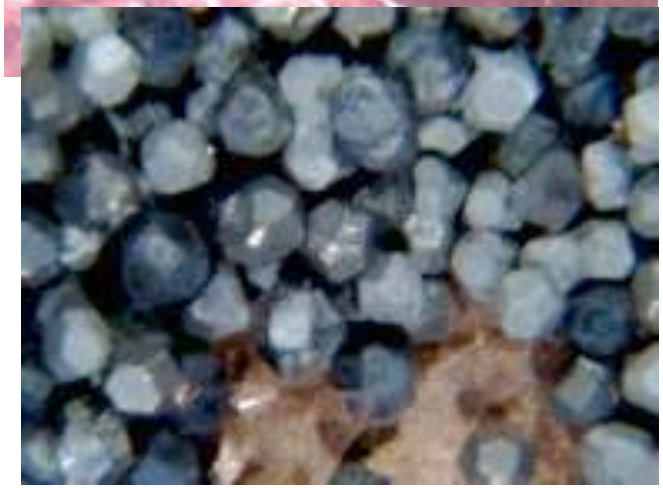

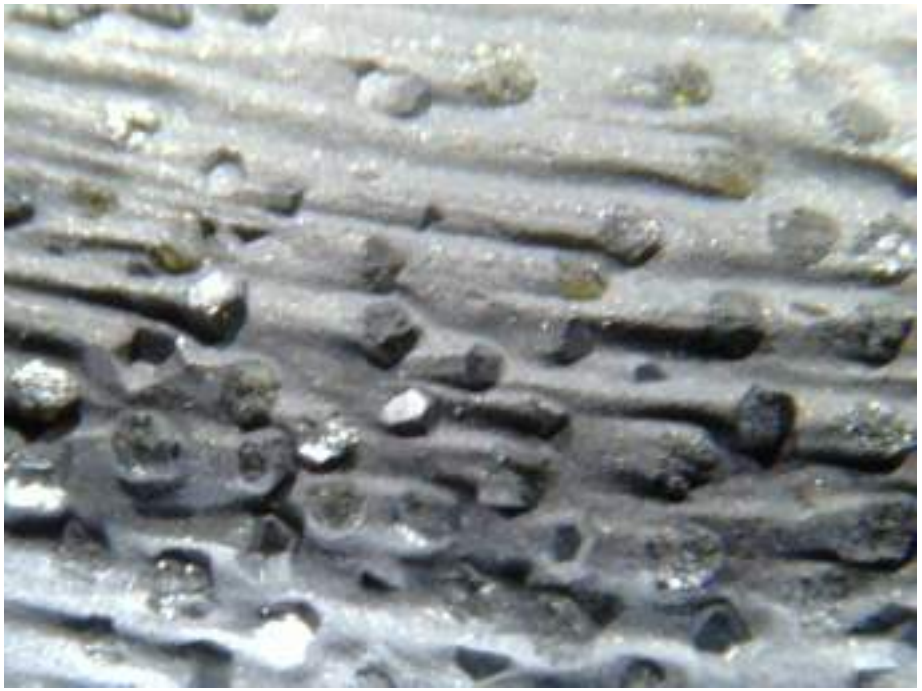

Grit sized synthetic diamonds are titanium coated and then encapsulated in a blend of Tungsten/Tungsten Carbide powders. This slurry can then be packed into mold details to form almost any shape in a bit, mill, or shoe face.

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