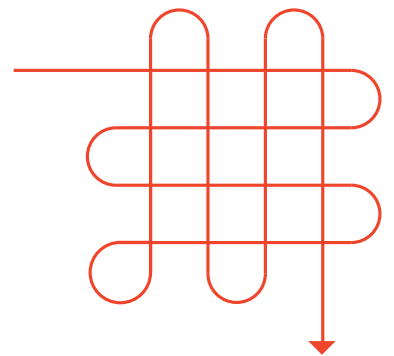




## GRINDING TECHNIQUES

Cross-hatching (ea, operating the grinder in a North to South then East to West grid pattern) is always recommended, both when changing grits and also when performing more than one pass per grit. Cross-hatching provides more consistent refinement across the surface and helps avoid visible lines in the floor, sometimes referred to as “cornrows”. In addition to cross-hatching, using a diagonal pattern to create a third cutting angle can also improve the refinement process.



### GRINDING

The World Series metals are an aggressive metal bonded diamond tool that cuts a floor down to the proper level and removes small blemishes in the surface of the concrete. Aggregate exposure can also be determined at this stage in the grinding process.

### HONING

The World Series ceramic transitional is designed to transition the scratch pattern from an aggressive metal tool profile into a highly refined surface that is ready to be polished. A decent amount of material is still being removed at this stage and the deep scratches from the metal tools are erased.

### POLISHING

The World Series Resin is a high grit/ low abrasive tool that is used to polish the surface to maximum refinement. Maximum refinement should be achieved at each grit level, and is evident when the previous scratch / profile is completely gone and replaced with the new profile.

### EDGES

Start with the edging and then continue with the field and keep this pattern throughout the different grits. This sequence allows the large grinder to clean up the scratch pattern from the edge tool. Any edge curl can be corrected at this stage before processing the floor with the larger grinder.

### MAINTENANCE

Maintenance is often overlooked in the world of polished concrete. Therefore, we want you to remember that your floor will only perform well if it is continually maintained. The first step of maintenance is to keep the floors cleaned. A good solution is to use an auto-scrubber to absorb dirt and grit from the surface. In addition, neutral cleaners and even densifier can be added to the auto-scrubber and used while cleaning the floor. This helps keep the surface clean and shiny and can be incorporated into a daily maintenance routine.