

Maximize the Life of Your Plated Tool

Recommended wheel speeds (5,000 to 12,000 Surface Feet Per Minute) will vary according to material being cut, depth of cut and machine type. Too low or too high SFPM will result in excessive heat generation. Contact us for recommendations for your specific application.

Whenever possible, use a good flow of coolant at the workpiece-wheel interface. This will reduce heat build-up, and flush out the cut to reduce wheel loading.

Surface Finish With Plated Tools

The surface finish values listed in this table are to be used as a starting point in selecting the proper mesh size for your superabrasive plated wheel. Other variables, such as type of material being ground, material removal rate, machine condition, rate of infeed, and coolant will influence eventual finish.

MESH RANGE	RMS FINISH
100/120	64 - 90
140/170	32 - 48
170/200	24 - 32
200/230	20 - 24
230/270	16 - 20
270/325	14 - 16
325/400	13 - 14
400/500	12 - 13

Don't See What You Need In Our Catalogue?

Our product design team, can assist you in getting the right diamond or CBN tool for your application. With over three decades of manufacturing experience, custom engineered product has become our specialty.

