

Blade Spacing Table

A primary design consideration for diamond grinding is blade spacing, which is determined by the type and hardness of the coarse aggregate. The table below summarizes some of the current recommendations.

Note that some specifications described in the following content may not be the same as the specifications followed by your agency. Always check with your State agency's standards and specifications when using these guidelines.

Table

- ❑ A great number of blades will be used per unit length for projects with harder aggregates (in order to produce a thinner land area), and fewer blades will be used per unit length for projects with softer aggregates (in order to produce a wider land area)
- ❑ The contractor will work with the blade manufacturer to select the appropriate number of blades needed for a given project

Parameter	Range	Hard Agg	Soft Agg
Groove Width	0.09–0.15 in.	0.09–0.15 in.	0.09–0.15 in.
Land Area	0.07–0.13 in.	0.07–0.11 in.	0.09–0.13 in.
Depth	0.04–0.12 in.	0.04–0.12 in.	0.04–0.12 in.
No. of Blades	50–60/ft.	53–60/ ft.	50–54/ft.

