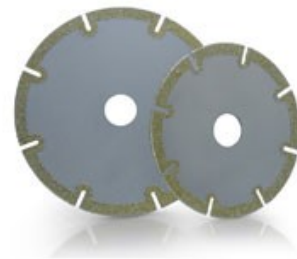


CHOOSING THE CORRECT DIAMOND BLADE THICKNESS

It is important to understand why blade thicknesses are important when choosing a blade to trim your FRP/composites product.

A blade's thickness is always measured at the blade's periphery and includes the plated diamond thickness.

<u>Blade Diameters</u>	<u>Normal Blade Thickness</u>
1-1/2" to 4"	1/16", 3/32"
5" to 7"	3/32"
8"	3/32", 1/8"
10"	3/32", 1/8", 5/32"
12" to 14"	1/8", 5/32"
16"	5/32"



Superspeed 1 Blade

When purchasing a blade in the 1-1/2" to 4" diameter range, you would choose a 1/16" thick blade if you were generally making straight cuts and required the fastest cutting blade. If more side pressure is to be applied, such as making radius cuts or if using integral spindle saws in a handheld die grinder, it would be advisable to use a 3/32" thickness. A thinner blade will generally cut faster but its life is usually less than a thicker blade. As the blade diameter increases (5" to 16"), so does the requirement for thicker blades. This is to ensure that the larger blades will retain their rigidity and will not warp.