



Safe Operating Speeds For Saw Blades

This chart shows the recommended operating speeds for a range of saw blades. For some blades the range of speeds is quite broad and should be matched to the blade thickness and the material being cut.

As a rule of thumb, the faster speeds are required for thinner rimmed saw blades and softer material. Thicker saw blades and harder material require slower speeds.

Blade Diameter (mm)	Blade Diameter (Inches)	RPM
100 -110	4	2400-5700
125	5	1900-4500
150	6	1600-3800
175	7	1400-3200
200	8	1200-2800
225	9	1100-2500
250	10	950-2200
300	12	800-1900
350	14	750-1600
400	16	700-1400
450	18	600-1200
500	20	550-1100
600	24	450-900
750	30	350-750
900	36	300-700