

CUTTING DEPTH & SPEED

The actual cutting depth may vary depending on a number of factors, including the exact blade diameter, the exact flange diameter, saw components, etc.

Warning: Operating at greater than the max RPM can cause blade damage, which may cause injury.

Rec. - Recommended

HS - High Speed Diamond Blades

Blade Size (in.)	Cutting Depth By Application (in.)					Speed	
	FLAT SAW	WALL SAW	MASONRY	HIGH SPEED	TILE	REC. RPM	MAX RPM
4	-	-	-	1	$\frac{3}{4}$	9,075	15,000
4 $\frac{1}{2}$	-	-	-	1 $\frac{1}{4}$	1	8,065	13,300
5	-	-	-	1 $\frac{1}{2}$	1 $\frac{1}{4}$	7,255	12,000
6	-	-	-	-	1 $\frac{3}{4}$	6,045	10,185
7	1 $\frac{1}{2}$	-	-	2 $\frac{1}{2}$	2 $\frac{1}{4}$	5,185	8,730
8	2	-	-	3	2 $\frac{3}{4}$	4,535	7,640
9	-	-	-	-	3 $\frac{1}{4}$	4,030	6,790
10	3	-	-	3 $\frac{3}{4}$	3 $\frac{3}{4}$	3,630	6,115
12	3 $\frac{5}{8}$	-	-	-	-	3,025	5,095
12HS	-	-	-	4	-	-	6,300
14	4 $\frac{5}{8}$	4 $\frac{5}{8}$	5	-	-	2,595	4,365
14HS	-	-	-	4 $\frac{5}{8}$	-	-	5,460
16	5 $\frac{5}{8}$	-	6	-	-	2,270	3,820
16HS	-	-	-	6	-	-	4,725
18	6 $\frac{5}{8}$	6 $\frac{1}{2}$	7	-	-	2,015	3,395
20	7 $\frac{5}{8}$	-	8-	-	-	1,815	3,055
20 $\frac{5}{8}$	-	-	8+	-	-	1,760	2,965
24	9 $\frac{5}{8}$	9 $\frac{1}{2}$	-	-	-	1,510	2,550
26	10 $\frac{5}{8}$	-	-	-	-	1,395	2,350
30	11 $\frac{3}{4}$	11 $\frac{1}{2}$	-	-	-	1,120	2,040
36	14 $\frac{3}{4}$	14 $\frac{1}{2}$	-	-	-	1,010	1,700
42	17 $\frac{3}{4}$	17 $\frac{3}{4}$	-	-	-	865	1,455
48	19 $\frac{3}{4}$	20 $\frac{3}{4}$	-	-	-	755	1,275