

Diamond Blade Safety**Blade Speeds****Dry Blades/ Hand Saws**

Harder Materials (aggregate) may require slower operating speeds

Blade Diameter	Maximum Cutting Depth	Maximum Speed	Recommended Speed (RPM)
4"	1"	15000	9075
4.5"	1.25"	13300	8065
5"	1.5"	12000	7250
7"	2.5"	8725	5175
8"	2-5/8"	7650	4500
10"	2-3/4"	7500	3600
12"	3-3/4"	6300	3400
14"	4-3/4"	5400	3200

Masonry Blades

Blade Diameter	Maximum Cutting Depth	Maximum Speed	Recommended Speed (RPM)
14"	5"	3900	2550
16"	6"	3450	2425
18"	7"	3000	2300
20"	8"	2700	2300
24"	10"	2800	2300

Tile Blades

Blade Diameter	Maximum Cutting Depth	Maximum Speed	Recommended Speed (RPM)
6"	1-3/4"	9000	6050
7"	2-1/4"	8000	5175
8"	2-3/4"	7000	4500
10"	3-3/4"	5300	3625

Walk Behind Wet Blades

Blade Diameter	Maximum Cutting Depth	Maximum Speed	Recommended Speed (RPM)
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12"	3-3/4"	4500	2900
14"	4-3/4"	3900	2900
16"	5-3/4"	3400	2600
18"	6-3/4"	3000	2600
20"	7-3/4"	2700	2450
24"	9-3/4"	2250	1950
26"	10-3/4"	2100	1950
30"	11-3/4"	1800	1650
36"	14-3/4"	1500	1300
42"	17"	1300	1050
48"	20"	1000	900
54"	22.5"	700	600
60"	25.5"	640	540
72"	31.5"	500	500

Wall Saw Blades

Blade Diameter	Maximum Cutting Depth	Maximum Speed	Recommended Speed (RPM)
18"	6.25"	3000	2600
20"	7.25"	2700	2450
24"	9.25"	2250	1950
30"	12.25"	1800	1650
36"	15.25"	1500	1300
42"	18.25"	1300	1050
48"	21.25"	1000	900
54"	24.25"	700	600
60"	27.25"	640	540
72"	33.25"	500	500 Harder