

BLADE SPEED REQUIREMENTS

Blade Diameter	Optimum Operation Speed*	Maximum Safe Speed**
4"	9072	15000
4½"	8063	13300
5"	7257	12000
6"	6048	10185
7"	5184	8730
8"	4536	7640
9"	4032	6790
10"	3629	6115
12"	3024	5095
12" H/S	-	6300
14"	2592	4365
14" H/S	-	5460
16"	2268	3820
16" H/S	-	4725
18"	2016	4500
20"	1814	3055
24"	1512	2550
30"	1120	2040
36"	1008	1700
42"	864	1455
48"	756	1275

*Based on 11,000 sfpm
(Optimum performance range for cutting)

**Represents maximum tool speed

AVERAGE CUTTING DEPTHS

Road Saw		Tile Saw	
12"	3 ⅝"	4"	¾"
14"	4 ⅝"	4 ½"	1"
16"	5 ⅝"	5"	1 ¼"
18"	6 ⅝"	6"	1 ¾"
20"	7 ⅝"	7"	2 ¼"
24"	9 ⅝"	8"	2 ¾"
26"	10 ⅝"	9"	3 ¼"
30"	11 ¾"	10"	3 ¾"
36"	14 ¾"		
42"	17 ¾"		
48"	19 ¾"		

Wall Saw	
18"	6 ½"
24"	9 ½"
30"	11 ½"
36"	14 ½"
42"	17 ¾"
48"	20 ¾"

Masonry Saw	
14"	5"
16"	6"
18"	7"
20"	8"

Cut Off Saw	
12"	3 ¾"
14"	4 ¾"

UNDERSTANDING THE PART NUMBER

