

Saw Blade's Technical Table to Obtain the Correct Saw Blade Diameter Based on its Tip Speed and the Material to Cut

Recommended tip speed (m/s) for:	Softwood	50-90 m/s	Exotic wood	50-85 m/s	Joinery wood	60-80 m/s	Laminated and Double sided laminate	40-60 m/s
	Hardwood	50-80 m/s	Chipboard	60-80 m/s	MDF	30-60 m/s		

D (mm)

Sawblade dia.

600

550

500

450

400

350

300

250

200

150

100

50

1500

3000

4500

6000

9000

12000

15000

18000

RPM

n = U/min

Tip speed **V = m/s**

20

30

40

50

60

70

80

90

100

110

120