

Saw blade size and arbor chart

Circular, miter and table saw blade diameters with US arbors and EU bores.

US circular saw blade diameters and arbor sizes (manufacturer specs)

Blade diameter	Arbor	Example blade max RPM (marked)	Example saw no-load RPM
5-3/8 in	10 mm	12,000 (Diablo D0524X)	3,600 (Milwaukee 2530)
6-1/2 in (165 mm)	5/8 in (15.9 mm); track saws 20 mm	8,000 (Diablo D0624A); 10,000 (Diablo D0660A)	3,700 (Makita XSS02Z)
7-1/4 in (184 mm)	5/8 in round; diamond on worm-drive saws	8,000 (Diablo D0740A)	5,800 (Makita 5007MG, Milwaukee 2732)
8-1/4 in	5/8 in	8,000 (Diablo D0824X)	6,300 (Milwaukee 2736 table saw)
10 in (254 mm)	5/8 in	6,000 (Diablo D1040X)	3,200 (Makita LS1019L); 4,600 (Makita LS1040)
12 in (305 mm)	1 in (25.4 mm)	5,000 (Diablo D1244X)	3,200 (Makita LS1219L)

Max RPM values are for the named blades only; always read the marking on your blade. Exceptions exist: Diablo D0640X is a 6 in blade with a 1/2 in arbor for the Porter-Cable Saw Boss; Diablo D1632X 16-5/16 in uses 1 in. DeWalt's DWS780 12 in saw has a 5/8 in spindle and a 1 in blade adapter.

European (metric) blade diameters and bores (manufacturer specs)

Blade diameter	Bore	Example tool
165 mm	20 mm (some models 20 or 30 mm by country)	Makita SP6000J/XPS01Z track saws; Makita HS6601
185-190 mm	30 mm (some models 20 or 30 mm)	Bosch GKS 190; Makita HS7611
216 mm	30 mm	Makita LS0815FL mitre saw
235 mm	30 mm	Makita 5903R
254 mm	30 mm	Bosch GTS 254 table saw
260 mm	30 mm	Makita LS1019L, LS1040 (EU versions), MLT100N, 2704N
305 mm	30 mm	Bosch GCM 12 SDE; Makita LS1219

Makita's EU 10-inch-class mitre and table saws take 260 mm blades with a 30 mm bore, while the US versions of the same model numbers take 10 in (255 mm) blades with a 5/8 in hole. 216 mm and 235 mm rows rest on one Makita source each.

Sources: Bosch Professional; Bosch Professional (UK); Diablo (Freud America); Makita U.S.A.; Makita UK; Milwaukee Tool; SKIL. Checked 22 October 2026. Always confirm against your tool and accessory manuals. Free to share under CC BY 4.0 with credit to AccessoryFit (accessoryfit.com/printables/).