



Aluminum & Soft Metal-Cutting Circular Saw Blades

These blades cut through aluminum, brass, copper, and other soft metals.

Blade Dia.	No. of Teeth	Hook Angle	Cut Width	Arbor Size	Max. Blade Speed	Diamond Knockout	Plate Thickness	Brand	Item No.
Carbide for Thin Metal									
Aluminum, Non-Ferrous Metals									
5 1/2 in	52	-15°	0.055 in	3/8 in	4,680 RPM	No	—	Makita	120Z47
Carbide Tipped for Solid Stock									
Aluminum, Ferrous Metals, Non-Ferrous Metals, Steel									
7 1/4 in	54	5°	0.078 in	25/32 in	5,800 RPM	No	0.375 in	Fein	34NL91
Aluminum, Non-Ferrous Metals									
5 1/2 in	30	3°	0.059 in	19/64 in	7,000 RPM	No	0.038 in	DeWalt	30HJ79
5 1/2 in	30	3°	0.059 in	10 mm	7,000 RPM	No	0.039 in	DeWalt	4LF42
6 1/2 in	36	3°	0.059 in	3/8 in	7,000 RPM	No	0.039 in	DeWalt	5VC81
7 1/4 in	48	5°	0.083 in	3/8 in	4,000 RPM	No	0.062 in	DeWalt	30HJ80
7 1/4 in	60	5°	0.083 in	3/8 in	4,000 RPM	No	0.062 in	DeWalt	30HJ77
9 in	48	10°	0.086 in	1 in	3,380 RPM	No	0.087 in	Fein	21VJ42
10 in	80	5°	0.11 in	3/4 in	6,000 RPM	No	0.098 in	DeWalt	14K257
12 in	80	5°	0.11 in	1 in	4,800 RPM	No	0.087 in	DeWalt	5PG67
14 in	100	5°	0.126 in	1 in	4,000 RPM	No	0.098 in	DeWalt	30HJ90
Carbide Tipped for Thick Metal									
Aluminum, Brass, Copper, Fiberglass, Non-Ferrous Metals, Plastic									
10 in	80	5°	0.094 in	3/8 in	7,000 RPM	No	0.071 in	Diablo	52XF61
12 in	96	5°	0.091 in	1 in	7,000 RPM	No	0.071 in	Diablo	52XF62
Aluminum, Non-Ferrous Metals									
14 in	100	7°	0.142 in	1 in	5,000 RPM	No	0.118 in	Diablo	52XF66
Carbide Tipped for Thin Metal									
Aluminum									
6 1/2 in	48	-5°	0.062 in	3/4 in	3,600 RPM	No	—	Metabo	60NK76
Aluminum, Non-Ferrous Metals									
6 1/2 in	36	3°	0.071 in	3/8 in	8,000 RPM	No	0.047 in	Westward	24EM37
8 in	64	5°	0.083 in	3/8 in	7,000 RPM	No	0.063 in	Diablo	53WC05
Aluminum, Non-Ferrous Metals, Plastic									
10 in	80	5°	0.11 in	3/4 in	7,000 RPM	No	0.087 in	Westward	24EL75
12 in	80	5°	0.11 in	1 in	6,500 RPM	No	0.087 in	Westward	24EM05
Carbide Tipped for Thin Steel									
Aluminum, Aluminum Extrusions, Angle Iron, Channel Iron, Copper, I-Beams, Lead, Pipe, Stainless Steel Plate, Steel, Steel Plate, Steel Studs, Thin Aluminum, Thin Steel, Tubing, Unistrut, Zinc									
8 in	56	5°	0.085 in	3/8 in	5,800 RPM	Yes	—	Morse	798HD7
14 in	80	5°	0.102 in	1 in	3,800 RPM	No	—	Morse	798HD5
Metal Tipped for Solid Stock									
Aluminum, Non-Ferrous Metals									
7 1/4 in	68	15°	0.086 in	3/8 in	7,000 RPM	Yes	0.05 in	DeWalt	4KX53

Fiber Cement-Cutting Circular Saw Blades

These saw blades cut through fiber cement panels such as Hardie board and Durock. They have a low tooth count to help reduce silica and other dust when cutting. Poly-crystalline diamond (PCD) teeth cut through hard, abrasive material that cannot be cut using standard carbide blades. Fiber-cement board is used for backing panels and exterior siding.

Blade Dia.	No. of Teeth	Hook Angle	Cut Width	Arbor Size	Max. Blade Speed	Diamond Knockout	Plate Thickness	Brand	Item No.
Carbide for Solid Stock									
4 1/2 in	24	20°	4.5 in	3/8 in	5,000 RPM	No	—	DeWalt	55KH80
Carbide Tipped for Fiber Cement									
10 in	6	10°	0.079 in	3/8 in	7,000 RPM	No	1.05 in	Milwaukee	490R96
12 in	8	10°	0.079 in	1 in	7,000 RPM	No	1.05 in	Milwaukee	490R97
7 1/4 in	4	10°	0.071 in	3/8 in	8,000 RPM	Yes	1.05 in	Milwaukee	490R95
Poly-Crystalline Diamond (PCD) Tipped for Fiber Cement									
7 1/4 in	4	10°	0.071 in	3/8 in	12,000 RPM	Yes	0.051 in	Diablo	52XF89
7 1/4 in	4	12°	0.071 in	3/8 in	7,000 RPM	Yes	0.055 in	DeWalt	53DR69
Poly-Crystalline Diamond (PCD) Tipped for Thin Metal									
4 1/2 in	4	12°	4.5 in	3/8 in	5,000 RPM	No	—	DeWalt	55KH81



Carbide Tipped for Combination Cutting
4YK26



Carbide Tipped for Ripping
4PC50



Nail-Embedded Wood-Cutting Circular Saw Blades

■ 7000 rpm Max. Blade Speed

These saw blades cut through wood that contains nails and other non-hardened metal often encountered in construction and demolition applications.

Blade Dia.	No. of Teeth	Hook Angle	Cut Width	Arbor Size	Diamond Knockout	Plate Thickness	Brand	Item No.
Carbide Tipped for Combination Cutting								
6 1/2 in	48	5°	0.096 in	25/32 in	No	0.063 in	DeWalt	3FRD8
7 1/4 in	18	15°	0.071 in	3/8 in	Yes	0.045 in	DeWalt	20GW22
7 1/4 in	18	20°	0.071 in	3/8 in	Yes	0.047 in	Black & Decker	4YK26
7 1/4 in	24	18°	0.063 in	3/8 in	Yes	0.039 in	DeWalt	53DR68
Carbide Tipped for Crosscutting								
7 1/4 in	60	25°	0.061 in	3/8 in	Yes	0.039 in	DeWalt	483U43
Carbide Tipped for Finishing								
7 1/4 in	36	25°	0.061 in	3/8 in	Yes	0.039 in	DeWalt	483U42
Carbide Tipped for Framing								
7 1/4 in	24	25°	0.061 in	3/8 in	Yes	0.039 in	DeWalt	483U41
Carbide Tipped for Ripping								
5 1/2 in	16	20°	0.059 in	3/8 in	No	0.039 in	DeWalt	4PC50
7 1/4 in	18	15°	0.071 in	3/8 in	Yes	0.045 in	DeWalt	4NZ53
7 1/4 in	20	25°	0.071 in	3/8 in	Yes	0.045 in	DeWalt	4NZ52

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E-T-N | Aeroquip Hose-Cutting Circular Saw Blades

These saw blades are used in hose chop saws to cleanly cut through soft rubber and plastic hose and tube.



Metal Tipped
19MR41

Blade Dia.	No. of Teeth	Hook Angle	Cut Width	Arbor Size	Max. Blade Speed	Plate Thickness	Item No.
Metal Tipped for Wire Braided Rubber Hose							
10 in	45	10°	0.093 in	3/4 in	3,600 RPM	0.093 in	19MR42
12 in	None	10°	0.093 in	3/4 in	3,600 RPM	0.093 in	19MR41
14 in	24	10°	0.125 in	1 in	3,500 RPM	0.125 in	19MR43

DEWALT Plastic & Composite-Cutting Circular Saw Blade

Good wear resistance when cutting through plastic and composite materials, such as cement fiberboard and plastic-laminated products.



Blade Dia.	No. of Teeth	Hook Angle	Cut Width	Arbor Size	Max. Blade Speed	Plate Thickness	Item No.
Carbide Tipped for Aluminum, Non-Ferrous Metals, Plastic							
12 in	96	5°	0.102 in	1 in	4,800 RPM	0.079 in	1CRB8



Carbide Tipped for Fiber Cement
490R95



Poly-Crystalline Diamond (PCD) Tipped for Fiber Cement
53DR69