

IRWIN®

MARATHON®

Circular Saw Blades



www.irwin.com

The Professional Tradesman's Choice for Construction

When you're building, there's no room for error. It's a tireless pursuit to get the job done right, to produce something to be proud of. Not just any blade will do. You want the blade that helps you do the job the way it was meant to be done. That's why professional tradesmen choose the MARATHON® family of circular saw blades from IRWIN Tools®. Offering a wide variety of blades for every construction application, IRWIN is the brand of blades you can always depend on.

The Standard for Jobsite Productivity

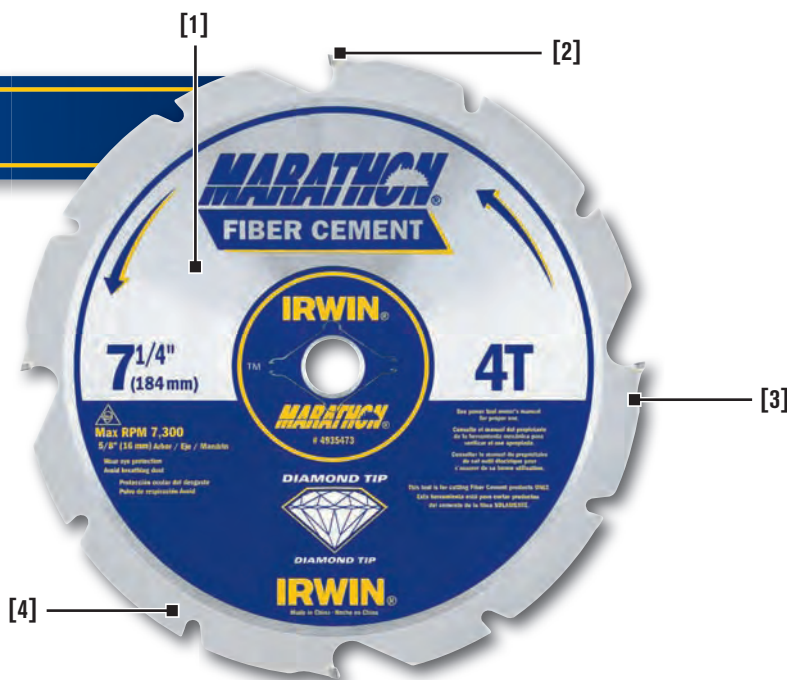
IRWIN Tools makes MARATHON circular saw blades for a full range of saws and applications. Use the table below to match blades for your equipment with your project plans. Locate the saw type and blade diameter in the left column. The columns to the right list the recommended MARATHON blade sizes and the available number of teeth per blade.

Type of Saw	Blade Diameter	Arbor	Application	Teeth
Cordless Circular Saws	5-3/8"	10 mm	Framing/Ripping	18, 24
	5-1/2"	10 mm	Framing/Ripping	18, 24
	6-1/2"	5/8"	Framing/Ripping	18, 24
	7-1/4"	5/8"	Trim/Finish	40
Corded Circular Saws	6-1/2"	5/8" Diamond	Framing/Ripping	20
	7-1/4"	5/8" and Diamond Knockout	Framing/Ripping	16, 18, 24
			Decks	24
Worm Drive Circular Saws			Trim/Finish	40, 60
	7-1/4"	5/8" and Diamond Knockout	Framing/Ripping	18, 24
			Decks	24
Table & Miter Saws			Trim/Finish	40
	8 - 8-1/4"	5/8" and Diamond Knockout	General Purpose	24
			Trim/Finish	40
	10"	5/8"	General Purpose	24
			Decks	40
Compound Miter & Sliding Compound Miter Saws			Trim/Finish	60
			Trim/Finish	80
	10"	5/8"	Framing/Ripping	24
			Decks	40
			Trim/Finish	60
			Trim/Finish	80
	12"	1"	General Purpose	40
			Trim/Finish	72
			Trim/Finish	80
			Trim/Finish	100
NEW Metal Circular Saws	6-3/4"	5/8"	Steel/Thin Steel	40
	7-1/4"	5/8"	Steel/Thin Steel	48, 68
	8"	5/8"	Steel/Thin Steel	50
	10"	5/8"	Steel/Thin Steel	80
	12"	1"	Steel/Thin Steel	60
	14"	1"	Steel/Thin Steel	80
NEW Corded Circular Saws: Fiber Cement Saw Blades	7-1/4"	5/8"	Ripping	4
	10"	5/8"	Ripping	6
	12"	1"	Ripping	8
Vinyl Siding	7-1/4"	5/8"	Ripping	120T

Fiber Cement Saw Blades

FIBER CEMENT SAW BLADE FEATURES

1. Ground and hardened plate body provides smooth and accurate cuts
2. Polycrystalline diamond-tipped teeth
3. 4T thin kerf blade produces less dust than continuous rim blades
4. Laser cut blade body, stronger tooth bond and greater accuracy



15X

LONGER CUTTING LIFE*

*Vs standard carbide fiber cement blade

Metal Cutting Saw Blades

METAL CUTTING SAW BLADE FEATURES

1. Laser cut anti-vibration vents keeps the blade cool for smooth and accurate cuts
2. Anti-kickback tooth shoulder reduces dust and sparks for safer cuts
3. Metal cutting grade carbide teeth withstand impact, reduces wear and delivers long life
4. Laser cut blade body, stronger tooth bond and greater accuracy



Circular Saw Blades

WELDTEC™ Saw Blades

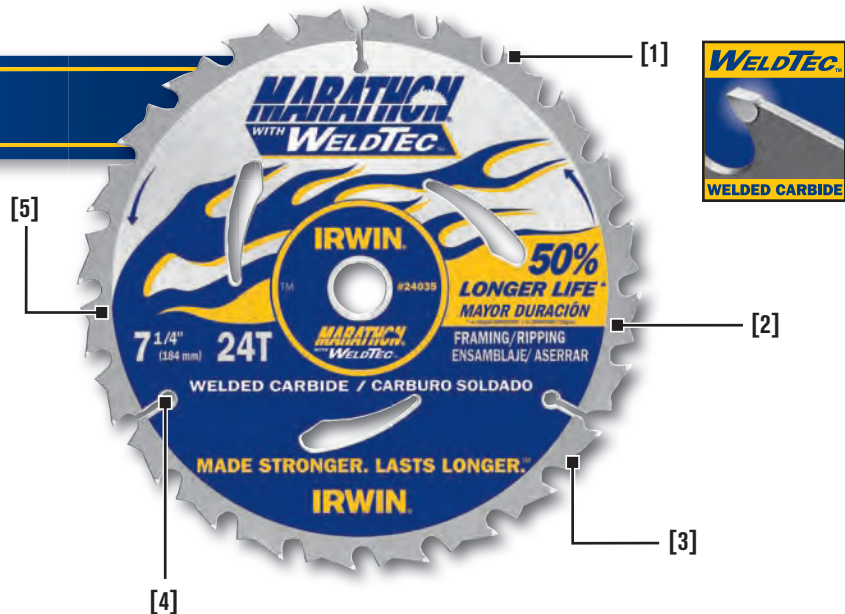
Made Stronger. Lasts Longer.™

IRWIN® has redefined excellence in the world of saw blades with the introduction of MARATHON® with WeldTec. This revolutionary new saw blade has WELDED carbide teeth for a 30% stronger tooth bond that gives you 50% longer life. UC2™ (sub-micro grain) carbide teeth are 70% more compact than standard carbide teeth and are sharpened to finer, more durable cutting edges that stay sharper longer. The E.O.T.™ grind technology, where every other tooth is ground thinner, makes this the FASTEST FRAMING BLADE EVER™.

WELDTEC SAW BLADE

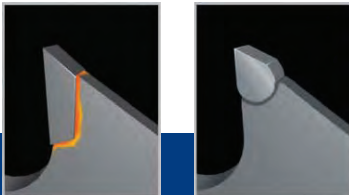
FEATURES

1. WeldTec Technology means the carbide teeth are welded, not brazed, resulting in 30% stronger tooth bond and longest life & durability
2. UC2 Carbide with Sub-micro grain is 70% tougher than standard carbide, stays sharper longer, with best in class cut quality
3. E.O.T. Grind Technology with patented tooth design, where every other tooth is ground thinner for the FASTEST FRAMING BLADE EVER
4. Innovative heat vents & expansion slots for straighter cuts
5. Reinforced shoulder for durability



CIRCULAR SAW BLADES

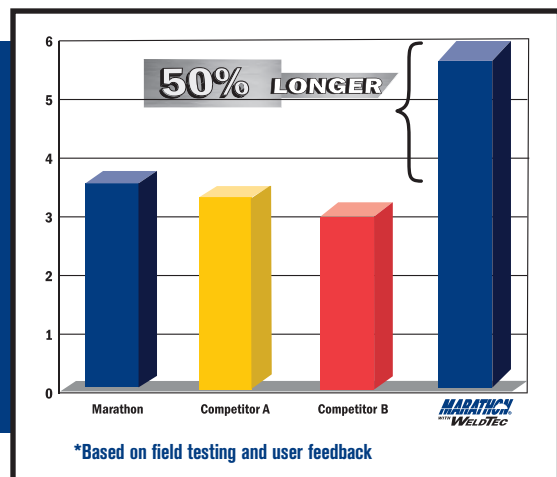
Braze vs. Weld



Standard brazed blades use a brazing material, which acts like a glue, to join the carbide tooth to the steel plate. This bond is only as strong as the brazing material, which softens as heat builds up during a cut and can cause tooth loss upon impact.

Marathon with WeldTec has welded carbide teeth. Welding fuses the carbide teeth to the steel plate, which makes the bond as strong as the base material. This bond is unaffected by heat build up and results in superior tooth retention.

How many weeks did this blade last?*





24035

MARATHON® with WeldTec Saw Blades

- Carbide teeth are welded not brazed
- Longest life & durability
- Patent pending tooth design
- Every other tooth is ground thinner for fast cuts
- Fastest Framing Blade Ever™
- 50% longer life vs. 24030



24030

MARATHON Saw Blades

- Every other tooth is ground thinner for faster cuts
- Construction grade carbide teeth for long life
- Reinforced shoulder for added durability
- Heat vent & expansion slot design reduces vibration for longer life and straighter cuts
- Fastest Framing Blade Ever™



25130

IRWIN® Classic Series Saw Blades

- Precision ground teeth for smooth, accurate cuts
- Corrosion resistant coating helps prevent rusting
- Professional performance for an economic price

Diameter	Tooth Count	Arbor	Kerf	Hook Angle	Grind	Item #	Bulk Item #	Applications
MARATHON Portable Corded Carbide Saw Blades								
6-1/2"	20	5/8" Diamond	.071"	20°	ATB	—	24021	Framing/Ripping
7-1/4"	18	5/8" Diamond	.071"	20°	ATB	14028	24028	Framing/Ripping
MARATHON w/ WeldTec 7-1/4"	24	5/8" Diamond	.071"	20°	ATB	14035	24035	Framing/Ripping
7-1/4"	24	5/8" Diamond	.071"	20°	ATB	14030	24030	Framing/Ripping
7-1/4"	40	5/8" Diamond	.071"	20°	ATB	14031	24031	Trim/Finish
IRWIN Classic Series Portable Corded Carbide Saw Blades								
7-1/4"	16	5/8" Diamond	.087"	22°	ATB	15030	25030ZR	General Purpose
7-1/4"	24	5/8" Diamond	.087"	19°	ATB	15130	25130	Framing/Ripping/Decks
7-1/4"	40	5/8" Diamond	.087"	20°	ATB	15230ZR	25230	Trim/Finish
7-1/4"	60	5/8" Diamond	.087"	18°	ATB	15530ZR	25530	Trim/Finish
IRWIN Portable Corded Steel Saw Blades								
7-1/4"	26	5/8" Diamond	.087"	28°	Top/Face	11040ZR	—	Framing/Ripping
7-1/4"	40	5/8" Diamond	.087"	18°	Top/Face	11140	—	Trim/Finish
7-1/4"	60	5/8" Diamond	.087"	5°	Top/Face	11240	—	Trim/Finish
7-1/4"	140	5/8" Diamond	.078"	5°	Top/Face	11840	21840ZR	Trim/Finish
7-1/4"	150	5/8" Diamond	.067"	5°	Top/Face Hollow Ground	11440	21440	Trim/Finish
MARATHON Portable Corded Deck Saw Blade (Pressure Treated Wood)								
7-1/4"	24	5/8" Diamond	.071"	20°	ATB	14130	24130	Deck Blade

Circular Saw Blades

Material Specific Saw Blades



4935473



4935555



11830

NEW MARATHON® Fiber Cement PCD Saw Blades

- Ground and hardened plate body provides smooth and accurate cuts
- 4T PCD polycrystalline diamond tipped teeth provide 15X longer cutting life
- Thin kerf blade produces less dust than continuous rim blades

NEW IRWIN® Metal Cutting Saw Blades

- Laser-cut blades and anti-vibration vents keep blade cool for smooth and accurate cuts
- Metal cutting grade carbide teeth withstand impact, reduce wear and deliver longer life.

MARATHON Vinyl Cutting Saw Blades

- Optimized, symmetric 60° tooth design angle eliminates chipping & cracking for a fast, smooth finish when pushing or pulling through the cut
- Innovative heat vent & expansion slot designs
- Efficient chip ejection prevents binding & blade warping

CIRCULAR SAW BLADES

Diameter	Tooth Count	Arbor	Kerf	Hook Angle	Grind	Item #	Bulk Item #	Applications
NEW MARATHON Fiber Cement PCD Saw Blades								
7-1/4"	4	5/8"	1.8	10	Flat	4935473	—	Fiber Cement
10"	6	5/8"	2.0	10	Flat	4935624	—	Fiber Cement
12"	8	1"	2.2	10	Flat	4935625	—	Fiber Cement
NEW MARATHON Metal Saw Blades								
6-3/4"	40	5/8" Bushing	2.0	0	MATB	4935554		Steel/Thin Steel
7-1/4"	48	5/8" w/ KO	2.0	0	MATB	4935555	4935556	Steel/Thin Steel
7-1/4"	68	5/8" w/ KO	2.0	0	MATB	4935560		Steel/Thin Steel
8	50	5/8" w/ KO	2.0	0	MATB	4935557		Steel/Thin Steel
10	80	5/8"	2.0	0	MATB	4935561		Steel/Thin Steel
12	60	1	2.5	0	MATB	4935558		Steel/Thin Steel
14	80	1	2.8	0	MATB	4935559		Steel/Thin Steel
MARATHON Portable Corded Vinyl Saw Blade								
7-1/4"	120	5/8" Diamond	.055"	60°	Top/Face	11830	21830ZR	Vinyl/PVC
IRWIN Portable Corded Fiber Cement Saw Blade								
7-1/4"	6	5/8" Diamond	.079"	15°	ATB	15702ZR	—	Fiber Cement



14076

MARATHON® Miter/Table Saw Blades

- #400 grit diamond ground teeth for a smooth finish
- Construction grade carbide teeth for longer life
- Precision balanced for accurate smooth cuts
- Thin kerf for fast cuts and longer motor life



15370

IRWIN Classic Series Miter/Table Saw Blades

- Precision ground teeth for smooth, accurate cuts
- Corrosion resistant coating helps prevent rusting
- Professional performance for an economic price

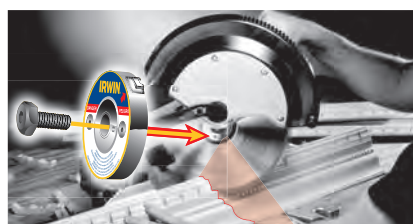


11270

IRWIN Steel Miter/Table Saw Blades

- Precision ground teeth for smooth, accurate cuts
- Fully hardened plate runs truer longer
- Heavy gauge, high carbon steel for extended life

Diameter	Tooth Count	Arbor	Kerf	Hook Angle	Grind	Item #	Bulk Item #	Applications
MARATHON Miter/Table Carbide Saw Blades								
8-1/4"	24	5/8" Diamond	.083"	20°	ATB	14050ZR	–	General Purpose
8-1/4"	40	5/8" Diamond	.083"	15°	ATB	14053	–	Trim/Finish
10"	24	5/8"	.095"	20°	ATB	14233	24233	Framing/Ripping
10"	40	5/8"	.095"	20°	ATB	14070	24070	Decks
10"	60	5/8"	.095"	15°	ATB	14074	–	Trim/Finish
10"	80	5/8"	.095"	10°	ATB	14076	–	Trim/Finish
12"	40	1"	.095"	20°	ATB	14080	–	General Purpose
12"	72	1"	.095"	15°	ATB	14082	–	Trim/Finish
12"	80	1"	.095"	5°	ATB	14083	–	Trim/Finish
12"	100	1"	.095"	10°	ATB	14084	–	Trim/Finish
IRWIN Classic Series Miter/Table Carbide Saw Blades								
8- 8-1/4"	24	5/8" Diamond	.087"	16°	ATB	15150	–	General Purpose
8- 8-1/4"	40	5/8" Diamond	.087"	17°	ATB	15250	–	Trim/Finish
10"	24	5/8" Diamond	.102"	22°	ATB	15070	–	Framing/Ripping
10"	40	5/8" Diamond	.102"	16°	ATB	15270	–	Decks
10"	60	5/8" Diamond	.102"	12°	ATB	15370	–	Trim/Finish
IRWIN Miter/Table Saw Steel Blades								
10"	40	5/8"	.110"	18°	Top/Face	11170	–	Decks
10"	80	5/8"	.079"	6°	Top/Face	11670	–	Trim/Finish
10"	80	5/8"	.110"	6°	Top/Face Hollow Ground	11270ZR	–	Trim/Finish
10"	180	5/8"	.094"	2°	Top/Face	11870	–	Trim/Finish
IRWIN Miter Saw Laser Guides						3061001	–	Miter/Table Saw
						3061002	–	Abrasive Chop Saw



Turn Your Miter Saw into a Laser Guided Power Tool!

- Projects a clear laser line on the work for more accurate cuts.
- Self Calibrating – sits flush against the blade for an accurate line, every time!
- Save time and money. No need to remeasure. No miscuts to scrap.
- Self activating! Rotation of the blade powers the laser.

Circular Saw Blades

Cordless Saw Blades



24029C

MARATHON® Cordless Carbide Saw Blades

- Ultra thin kerf for more cuts per charge
- Face ground carbide teeth for fast, clean cuts
- Aggressive hook angle for fast cuts
- Construction grade carbide teeth for longer life



15120

IRWIN® Classic Series Cordless Carbide Saw Blades

- Corrosion resistant coating helps prevent rusting
- Precision ground teeth for smooth, accurate cuts
- Professional performance for an economic price



11220

IRWIN Classic Series Cordless Steel Saw Blades

- Precision ground teeth for smooth, accurate cuts
- Fully hardened plate runs truer longer
- Heavy gauge, high carbon steel for extended life

CIRCULAR SAW BLADES

Diameter	Tooth Count	Arbor	Kerf	Hook Angle	Grind	Item #	Bulk Item #	Applications
MARATHON Cordless Carbide Saw Blades								
5-3/8"	18	10 mm	.063"	20°	ATB	14015	–	Framing/Ripping
5-3/8"	24	10 mm	.063"	20°	ATB	14017	–	Framing/Ripping
5-1/2"	18	10 mm	.063"	25°	ATB	14027	–	Framing/Ripping
5-1/2"	24	10 mm	.063"	23°	ATB	14011	–	Framing/Ripping
6-1/2"	18	5/8"	.063"	23°	ATB	14020	24020	Framing/Ripping
6-1/2"	24	5/8"	.063"	23°	ATB	14029	24029C	Framing/Ripping
6-1/2"	40	5/8"	.063"	23°	ATB	14023	–	Trim/Finish
IRWIN Classic Series Cordless Carbide Saw Blades								
6-1/2"	24	5/8" Diamond	.087"	22°	ATB	15120	–	Framing/Ripping
6-1/2"	40	5/8" Diamond	.087"	19°	ATB	15220	–	Trim/Finish
IRWIN Cordless Steel Saw Blades								
6-1/2"	60	5/8" Diamond	.087"	5°	Top/Face	11220	–	Trim/Finish
6-1/2"	140	5/8" Diamond	.078"	4°	Top/Face	11820ZR	–	Trim/Finish