






# CIRCULAR SAW BLADES

## The Standard For Jobsite Productivity

IRWIN® Industrial 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
			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
			Trim/Finish	40, 60
Worm Drive Circular Saws 	7-1/4"	5/8" and Diamond Knockout	Framing/Ripping	18, 24
			Decks	24
			Trim/Finish	40
Table & Miter Saws 	8 - 8-1/4"	5/8" and Diamond Knockout	General Purpose	24
			Trim/Finish	40
	10"	5/8"	General Purpose	24
			Decks	40
			Trim/Finish	60
			Trim/Finish	80
Compound Miter & Sliding Compound Miter Saws 	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	

## The Professional Tradesman's Choice For Construction

When you're building, there's no room for error. Your tools must be of the highest quality, with precision and performance you can always depend on. That's why professional tradesmen choose the MARATHON family of circular saw blades from IRWIN Industrial Tools. Offering a wide variety of blades for every construction application, IRWIN is the brand of blades you can always depend on. MARATHON. A time-tested brand. A family of superior saw blades. Professional results.

**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 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™.

**E.O.T. Grind Technology**

- Patented tooth design
- Every other tooth is ground thinner
- FASTEST FRAMING BLADE EVER



**WeldTec Technology**

- Carbide teeth are welded not brazed
- 30% stronger tooth bond
- Longest life & durability

**Also Features...**

- Innovative heat vents & expansion slots for straighter cuts
- Reinforced shoulder for durability

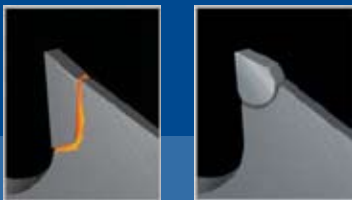


**UC2 Carbide**

- Sub-micro grain
- 70% tougher than standard carbide
- Stays sharper, longer
- Best in class cut quality

CIRCULAR SAW BLADES

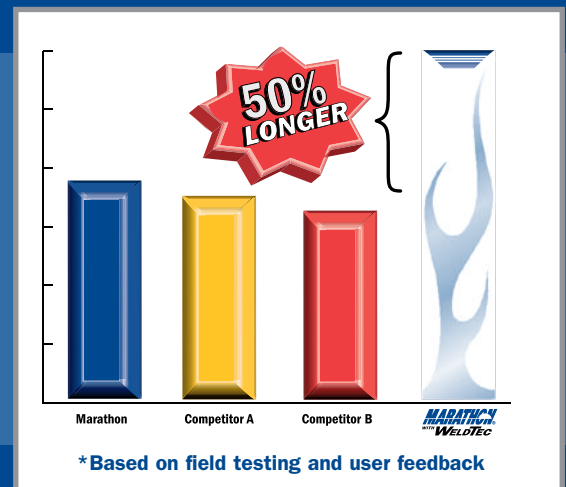
**Braze vs. Weld**



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?\***



# CIRCULAR SAW BLADES

## PORTABLE CORDED SAW BLADES



24035

### MARATHON® with WeldTec Saw Blades

- Carbide teeth are welded not brazed
- 30% stronger tooth bond
- Longest life & durability
- Patent pending tooth design
- Every other tooth is ground thinner for fast cuts
- Fastest Framing Blade Ever™



24030

### MARATHON Saw Blades

- Every other tooth is 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



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



11830

### NEW MARATHON Vinyl Cutting Saw Blades

- Optimized, symmetric 60° tooth design 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	Stock #	Bulk Stock #	Applications
<b>MARATHON Portable Coded Carbide Saw Blades</b>								
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	—	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
<b>IRWIN Classic Series Portable Coded Carbide Saw Blades</b>								
7-1/4"	16	5/8" Diamond	.087"	22°	ATB	15030	25030	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	15230	25230	Trim/Finish
7-1/4"	60	5/8" Diamond	.087"	18°	ATB	15530	25530	Trim/Finish
<b>IRWIN Portable Coded Steel Saw Blades</b>								
7-1/4"	26	5/8" Diamond	.087"	28°	Top/Face	11040	—	Framing/Ripping
7-1/4"	32	5/8" Diamond	.087"	25°	Top/Face	10040	20040	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	21840	Trim/Finish
7-1/4"	150	5/8" Diamond	.067"	5°	Top/Face Hollow Ground	11440	—	Trim/Finish
<b>MARATHON Portable Coded Vinyl Saw Blade</b>								
7-1/4"	120	5/8" Diamond	.055"	Negative	Top/Face	11830	21830	Vinyl/PVC
<b>MARATHON Portable Coded Deck Saw Blade (Pressure Treated Wood)</b>								
7-1/4"	24	5/8" Diamond	.071"	20°	ATB	14130	24130	Deck Blade
<b>IRWIN Portable Coded Fiber Cement Saw Blades</b>								
7-1/4"	6	5/8" Diamond	.079"	15°	ATB	15702	—	Fiber Cement