

Circular Saw Blades— Contractor Series

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What You Should Know About Circular Saw Blades

Saw blades are available in configurations for most applications, from general purpose blades to highly specialized designs. And there is an almost equally wide range of prices. Everything depends on how much blade you want, and that's often a question of construction material.

Magna Professional Tools' highest-quality blades are Dyanite® carbide blades. Tips are constructed of a revolutionary carbide that actually

lasts 2 to 5 times longer than standard carbide. Dyanite blades run cooler than other blades, they hold a sharper edge and can be resharpened.

Carbide blades offer superior durability over steel blades because of carbide cutting tips brazed to the steel plate of the blade. They cut longer than steel and are resharpenable for good general purpose cutting.

Steel blades are economical blades that give a quality cut, but don't last as

long as carbide blades. They are available in many configurations, and can give good, fast, smooth cuts.

Whichever type of blade you decide on, keep in mind that different applications require different configurations. Number of teeth, hook angle and grind all influence the way a blade cuts. For more information on circular saw blades, see the Industrial Circular Saw Blades section of this catalog.

Innovations that work harder from Magna Professional Tools

AMERICAN PRIDE GOLD™ SAW BLADES WITH DYANITE® CARBIDE

Introducing the new standard for Contractor Saw Blades — The American Pride Gold™ series from Magna Professional Tools™.

As a result of intensive market research measuring the relative importance of application specific needs, a new machine specific approach to circular saw blade design has been incorporated into the American Pride Gold™ line.

The needs of a framer, using a 7-1/4" portable saw cutting 2 x 4's are definitely different than those of a woodworker using a table saw to cut fine oak boards. With this in mind, American Pride Gold™ features a full line of blades specifically designed for cordless and portable electric, miter, compound miter, sliding compound miter, radial arm, and table saws.

The American Pride Gold™ line features a proprietary Anti-friction Coating which significantly reduces friction and heat buildup during cutting. The thin-kerf design and strengthened shoulder cut easier and reduce waste. Tough Dyanite® carbide teeth outlast and outperform any comparable grade of carbide on the market.



Strengthened shoulder adds strength behind the tooth and prevents overfeeding.

Anti-Friction coating significantly reduces friction and heat build-up.

Optimally engineered body slots reduce binding and warpage.

THREE QUALITY LEVELS FROM MAGNA PROFESSIONAL TOOLS

American Pride Gold™ Blades with Dyanite Carbide

American Pride Gold™ portable circular saw blades are engineered to provide fast, easy cuts through lumber and other framing materials. By applying different hook angles and kerf widths for specific applications, American Pride Gold™ stationary saw blades take a new approach to performance needs. Most competitors take a "cookie cutter" approach to large diameter saw blades, with the only difference being the blade label. This is the machine specific design concept, the new standard in contractor circular saw blades—American Pride Gold™!

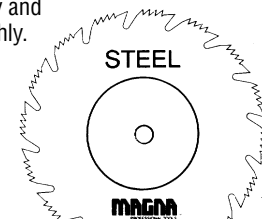
American Pride™ Carbide Blades

Value priced carbide blades for contractors. These economical blades are carbide-tipped, heat treated and precision ground for general purpose applications. They can be resharpened for longer cutting life, and provide reliable cutting at an economical price.



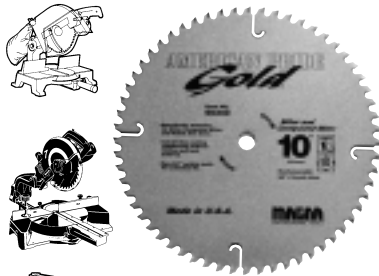
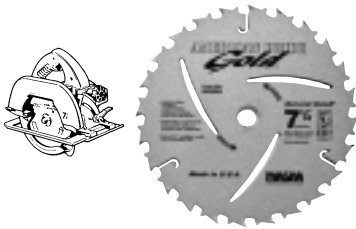
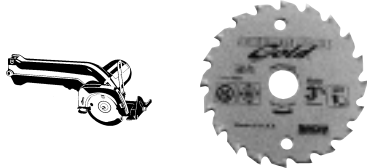
Steel Blades

Manufactured of alloy steel and smoothly ground for less friction. These professional quality blades are resistant to rust, as well as gum and pitch accumulation. They are available from Magna Professional Tools in a variety of configurations to cut most materials quickly and smoothly.



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**American
Pride Gold™
Blades**



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Cordless Circular Saw Blades

- Specifically designed for Cordless Circular Saws.
- Ultra-thin kerf for extended battery life.
- Anti-friction coating significantly reduces friction and heat build-up during cutting.
- Dyanite® carbide teeth for extended life.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Kerf	Hook Angle	Standard Shipping Pack
60210	ATB	3 ³ / ₈	15mm	20	0.039	10°	1
60213	ATB	5 ³ / ₈	10mm	24	0.068	20°	1

Portable Electric Circular Saw Blades

- Specifically designed for Portable Electric Circular Saws.
- Anti-friction coating significantly reduces friction and heat build-up during cutting.
- Optimally engineered body slots evenly dissipate heat throughout the plate.
- Dyanite® carbide teeth for extended life.
- Ultra-thin kerf and strenghtened shoulder cut easier and extend tool life.
- Control cut design.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Kerf	Hook Angle	Standard Shipping Pack
60212	ATB	4 ³ / ₈	20mm	20	0.039	10°	1
60214	ATB	5 ¹ / ₂	5/8 Rd.	18	0.080	20°	1
60216	ATB	6 ¹ / ₂	5/8 Rd., 13/16 ♦	18	0.080	20°	1
60218	ATB	7 ¹ / ₄	5/8 Rd., 13/16 ♦	18	0.080	20°	1
70218	ATB	7 ¹ / ₄	5/8 Rd., 13/16 ♦	18	0.080	20°	10
60220	ATB	7 ¹ / ₄	5/8 Rd., 13/16 ♦	24	0.080	20°	1
70220	ATB	7 ¹ / ₄	5/8 Rd., 13/16 ♦	24	0.080	20°	10
60222	ATB	7 ¹ / ₄	5/8 Rd., 13/16 ♦	40	0.080	20°	1
60224	ATB	8 ¹ / ₄	5/8 Rd., 13/16 ♦	24	0.094	20°	1
60226	ATB	8 ¹ / ₄	5/8 Rd., 13/16 ♦	40	0.094	20°	1

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Miter Saw Blades

- Specifically designed for Miter, Compound Miter, Sliding Compound Miter and Radial Arm Saws.
- Reduced hook angle allows carbide teeth to meet the workpiece at the proper angle.
- Fully hard plates for true miter and bevel cuts.
- Dyanite® carbide teeth for extended life.
- Anti-friction coating significantly reduces friction and heat build-up during cutting.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Kerf	Hook Angle	Standard Shipping Pack
60228	ATB	8 ¹ / ₄	5/8 Rd.	40	0.094	0°	1
60230	ATB	8 ¹ / ₂	5/8 Rd.	40	0.094	0°	1
60236	ATB	10	5/8 Rd.	40	0.094	0°	1
60240	TRI	10	5/8 Rd.	60	0.094	0°	1
60242	ATB	10	5/8 Rd.	80	0.094	0°	1
60243	TRI	12	1 Rd.	30	0.094	0°	1
60244	TRI	12	1 Rd.	60	0.094	5°	1
60246	ATB	12	1 Rd.	80	0.094	0°	1

Table Saw Blades

- Specifically designed for Table Saws.
- Fully hardened plate for straight, true cuts in all types of wood.
- Positive hook angle lets workpiece feed through the blade effortlessly.
- Dyanite® carbide teeth for extended life.
- Anti-friction coating significantly reduces friction and heat build-up during cutting.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Kerf	Hook Angle	Standard Shipping Pack
60232	ATB	10	5/8 Rd.	24	0.118	22°	1
60234	ATB	10	5/8 Rd.	40	0.118	13°	1
60238	ATB	10	5/8 Rd.	60	0.118	13°	1

Contractor Circular Saws

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American Pride™ Carbide Blades



General Purpose

- For general purpose sawing of wood, laminates, asbestos, wall board and other composition materials.
- An ideal framing blade where a smooth finish is not needed.
- The **value** series for contractors.
- Carbide-tipped.
- Made in U.S.A.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
71994	ATB	6½	5/8 Rd., 13/16 ◆	16	25
71995	ATB	7¼	5/8 Rd., 13/16 ◆	18	25
61999	ATB	7¼	5/8 Rd., 13/16 ◆	24	1
71999	ATB	7¼	5/8 Rd., 13/16 ◆	24	25
71988	ATB	8	5/8 Rd., 13/16 ◆	20	25
71989	ATB	8¼	5/8 Rd., 13/16 ◆	24	25

General Cutoff

- General purpose cuts on chipboard, paneling, plywood and composition materials.
- For cutting in both hard and soft woods.
- The **value** series for contractors.
- Carbide-tipped.
- Made in U.S.A.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
71985	ATB	6½	5/8 Rd., 13/16 ◆	40	25
71997	ATB	7¼	5/8 Rd., 13/16 ◆	40	25
71986	ATB	8	5/8 Rd., 13/16 ◆	40	25
70741	ATB	8¼	5/8 Rd. 13/16 ◆	40	25
71991	ATB	10	5/8 Rd.	28	5
71990	ATB	10	5/8 Rd.	40	5
71992	ATB	10	5/8 Rd.	60	5

Dimple Blade

- Dimple pattern tensions and strengthens blade body for increased durability, accuracy and ease of cut.
- Dimples add more body surface which dissipates heat and prevents warping.
- Boron carbide teeth are tough and long lasting.
- Dimples reduce friction and minimize binding.
- Made in U.S.A.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Kerf	Hook Angle	Standard Shipping Pack
M87018	ATB	7¼	5/8 Rd., 13/16 ◆	18	.081	20°	25
M87024	ATB	7¼	5/8 Rd., 13/16 ◆	24	.081	20°	25
M87118	ATB	7¼	5/8 Rd., 13/16 ◆	18	.081	20°	1
M87124	ATB	7¼	5/8 Rd., 13/16 ◆	24	.081	20°	1
M87140	ATB	7¼	5/8 Rd., 13/16 ◆	40	.081	20°	1
M87145	ATB	8¼	5/8 Rd.	24	.098	20°	1
M87150	ATB	10	5/8 Rd.	24	.098	22°	1
M87155	ATB	10	5/8 Rd.	40	.098	13°	1
M87160	TRI	10	5/8 Rd.	60	.098	13°	1

Fiber Cement Board Blade

- Unique four diamond tooth design cuts chips, rather than grinding, providing optimal performance while minimizing dust.
- Patented diamond-insert carbide teeth.
- Specifically designed to effectively cut fiber cement siding, roofing and backerboard.
- Made in U.S.A.

Item No.	Max RPM	Diameter Inches	Bore Inches	No. Of Teeth	Kerf	Hook Angle	Standard Shipping Pack
M87340	7900	7¼	5/8 Rd., 13/16 ◆	4	.100	10°	1



Contractor Circular Saws

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Utility Blade



General Purpose

- Economical blades with painted finish.
- Can be resharpened.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
70803	ATB	7¼	⅝ Rd., 13/16 ♦	20	25

Adjustable Dado



Carbide-Tipped

- Cut widths from 3/16" to 13/16".
- Change sizes without removing dado from saw.
- Use with 9" and 10" table and radial arm saws.
- For cutting wood products and plastic laminates.
- Cut dados, rabbets, splines, lap joints and other jobs.
- Packed in molded plastic storage case.

Item No.	Diameter Inches	No. Of Teeth	Bore Inches	Maximum RPM	Standard Shipping Pack
73505	7	16	⅝	4,600	1

Steel Blades



Features:

- Professional quality blades with the finest cutting features.
- Manufactured of quality alloy steel to exacting specifications.
- Smoothly ground surface with hard finish, for less friction and longer life.
- Resistant to rust, gum and pitch accumulation.
- Arbors available in sizes and combinations as needed in each diameter to fit all popular machines.
- Available single or packed in bulk where specified.

Chisel Tooth Combination

- Free cutting general purpose blade.
- For ripping, crosscutting, in both hard and soft woods.

Item No.	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
71020	6	½ Rd.	20	25
61012	7¼	⅝ Rd., 13/16 ♦	26	1
71012	7¼	⅝ Rd., 13/16 ♦	26	25
61013	8	⅝ Rd., 13/16 ♦	28	1
71013	8	⅝ Rd., 13/16 ♦	28	25
61015	10	⅝ Rd.	28	1

Rip

- General purpose blade for ripping hard and soft woods.

Item No.	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
61036	12	⅝ Rd., 1 Rd.	24	1

Combination/Rip

- Most popular all-purpose blade for smooth and fast cutting.
- For cutoff, ripping and framing work.

Item No.	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
61022	7¼	⅝ Rd., 13/16 ♦	40	1
71022	7¼	⅝ Rd., 13/16 ♦	40	25
61024	9	⅝ Rd.	44	1
61025	10	⅝ Rd.	44	1
61026	12	⅝-1 Rd.	44	1



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Circular Saw Blades – Contractor Series



Hollow Ground Planer

- Smooth, finish cuts on all solid woods.
- For crosscutting, ripping and mitering.

Item No.	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
61040	6½	5/8 Rd., 13/16 ◆	40	1
61041	7-7¼	5/8 Rd., 13/16 ◆	44	1
61043	8	5/8 Rd., 13/16 ◆	48	1

Master Combination

- Smooth, fast cutting all-purpose blade for crosscutting, ripping and mitering.

Item No.	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
61002	7¼	5/8 Rd., 13/16 ◆	75	1
08000	8	5/8 Rd., 13/16 ◆	60	1
08001	10	5/8 Rd.	80	1

Crosscut

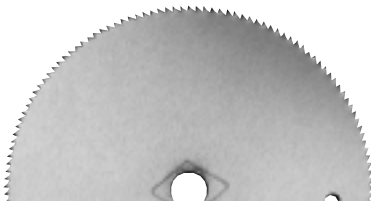
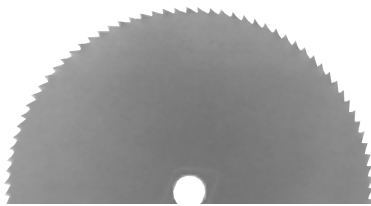
- Special-purpose blade for smooth, fast cutting across the grain of both hard and soft woods.

Item No.	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
61072	7¼	5/8 Rd., 13/16 ◆	100	1
61073	8	5/8 Rd., 13/16 ◆	100	1
61075	10	5/8 Rd.	104	1

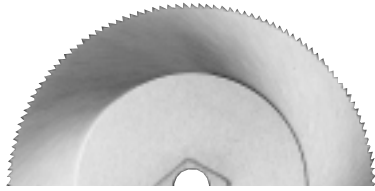
Plywood/Paneling

- Fine, extra-clean cutting blade for use on plywood, veneer, cellotex and thin plastic.

Item No.	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
61051	6½	5/8 Rd., 13/16 ◆	150	1
61052	7¼	5/8 Rd., 13/16 ◆	150	1
61053	8	5/8 Rd., 13/16 ◆	200	1
61055	10	5/8 Rd.	200	1



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Thin Rim Plywood

- Finest blade for satin smooth finish on plywood, veneers, laminates, Plexiglas® and other thin materials.
- Use for crosscutting and mitering.

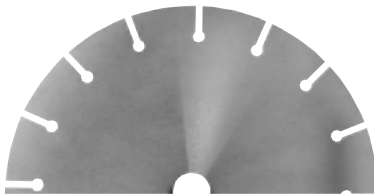
Item No.	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
61061	7-7¼	5/8 Rd., 13/16 ◆	200	1
61063	8	5/8 Rd., 13/16 ◆	200	1
61065	10	5/8 Rd.	200	1



Metal Cutting

- Safe cutting for non-ferrous metals.

Item No.	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
61080	6½	5/8 Rd., 13/16 ◆	80	1
61081	7	5/8 Rd.	72	1



Steel Slicer

- For cutting by friction on corrugated steel roofing, black iron, furnace pipe and steel bar stock ¼" and under.

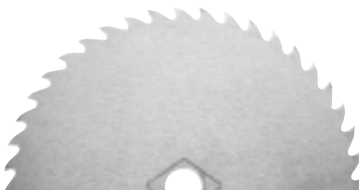
Item No.	Diameter Inches	Bore Inches	No. Of Sections	Standard Shipping Pack
61086	7¼	5/8	18	1



Steel Dado

- High quality steel, perfectly matched to insure smooth, clean grooves.
- Width of cut can be varied 1/8" to 13/16".
- For bench saws, radial arm and swing saws.
- 6-inch set for 8-, 9- and 10-inch machines.
- 8-inch set – width of cut can be varied 1/8" to 13/16".

Item No.	Diameter Inches	Bore Inches	Contents	Standard Shipping Pack
60006	6	5/8	Each set includes four 1/8" chippers and one 1/16" chipper.	1
60008	8	5/8		1



Contractor Standard Combination

- Rim-blasted economy carbon alloy steel.
- Bulk pack only.

Item No.	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
71044	7-7¼	5/8, 13/16 ◆	40	25

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Abrasive Blades



Circular Saw Blades – Contractor Series

Features:

- Resinoid-bonded and doubly reinforced with fiberglass for durability and performance.
- Bore are reinforced with metal for extra strength.
- Blades with up to 1/2" smaller diameter than machine capacity may be used if the arbor hole fits the machine.
- 100% speed tested at 1 1/2 times the operating speed.
- All abrasives are 1/8" thick.
- Packed bulk.

Masonry Cutting

- Made of resinoid-bonded silicon carbide for cutting all types of masonry, concrete, concrete block, brick, limestone, sandstone, tile, cast iron and non-ferrous metals.

Bulk Item No.	Diameter Inches	Bore Inches	Maximum RPM	Standard Shipping Pack
71501	6 1/2	5/8 Rd., 13/16 ◆	9300	10
71502	7	5/8 Rd., 13/16 ◆	8700	10
71503	8	5/8 Rd., 13/16 ◆	7600	10
71504	12	1 Rd.	6300	10
71505	14	1 Rd.	5400	10

Metal Cutting

- Made of resinoid-bonded aluminum oxide for deburring, cleaning, slotting, nicking and cutting all types of metal, including steel, bronze, brass, copper, aluminum, iron and wire products.

Bulk Item No.	Diameter Inches	Bore Inches	Maximum RPM	Standard Shipping Pack
71601	6 1/2	5/8 Rd., 13/16 ◆	9300	10
71602	7	5/8 Rd., 13/16 ◆	8700	10
71603	8	5/8 Rd., 13/16 ◆	7600	10
71604	12	1 Rd.	6300	10
71605	14	1 Rd.	5400	10

Red Ceramic Metal Cutting

- New cermanic coated aluminum oxide grit is a proprietary resin-grain formulation, which enables the wheels to cut up to 5 times longer than standard wheels.
- Thin kerf width of 3/32" allows blades to cut faster with less effort than standard blades.
- Blades available for portable and chop saw applications.

Bulk Item No.	Diameter Inches	Bore Inches	Maximum RPM	Standard Shipping Pack
71702	7	5/8 Rd., 13/16 ◆	8700	5
71703	10	5/8 Rd.	6115	5
71704	12	1 Rd.	6300	5
71705	14	1 Rd.	5400	5

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Molding Head and Cutters



Features:

- Convert bench or radial saw to jointer, planer and shaper.
- Made of high-quality tool steel, heat treated and tempered.
- Positive grip safety lock aligns cutter bits accurately and holds them securely.
- Bits can be quickly and easily changed.

Molding Cutter Set – 6" Diameter

- Each set consists of 3 matched cutters to make each of the 4 cuts shown below.

Item No.	Arbor Size Inches	Bushings Inches	Set Contains	Standard Shipping Pack
20000	3/4	1/2, 5/8	21300- 5/8" Cove 21200- 5/16" Bead and 5/16" Cove 35000- Cabinet Door lip 35100- Combination 1/4" and 1/2" quarter round.	1
Cutters included in Item No. 20000:			21300 21200 35000 35100	

Extra Cutters

- Each set consists of 3 matched cutters

Item No.	Description	Standard Shipping Pack
20100	Glue Joint	1
20200	"Ogee" Window and Door Stop	1
20300	1/4" Flute and 1/2" Cove	1
20400	90° Flute Ornamental and Combination	1
20600	1" Flute - 1/2" Radius	1
20700	5/16" Quarter Round and 5/16" Cove	1
20800	3/16" and 3/8" Quarter Round and 1/4" Bead	1
20900	Panel Cupboard, Male	1
21000	Panel Cupboard, Female	1
21100	Muntin	1
30200	1" Planer and Jointer	1
30300	Tongue	1
30400	Groove	1
35200	Three – 1/4" Bead	1
35400	Cloverleaf Screen Mold	1
35500	Base Mold	1



Contractor Circular Saws

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Saw & Abrasive Blade Bushings



Blade Bushings

Item No.	Type of Blades Used For	Bore Inches	Standard Shipping Pack
63600		$\frac{3}{4} \times 1$ Rd.	1
63601		$\frac{5}{8} \times 1$ Rd.	1
63602		$\frac{1}{2} \times \frac{5}{8}$ Rd., $\frac{13}{16}$	1
63603		$\frac{1}{2} \times \frac{5}{8}$ Rd.	1
63604		$\frac{5}{8} \times \frac{3}{4}$ Rd.	1
63606	Abrasive	$\frac{1}{2}$ Rd. (Plastic), $\frac{13}{16}$	1
63607	Abrasive	$\frac{5}{8}$ Rd. (Plastic), $\frac{13}{16}$	1
63608	Abrasive	1 x 20mm Rd.	1