

Saw Blades Industrial Series

Industrial Circular Saw Blade
Product Knowledge158

Golden Eagle®
with C-4 Dyanite®

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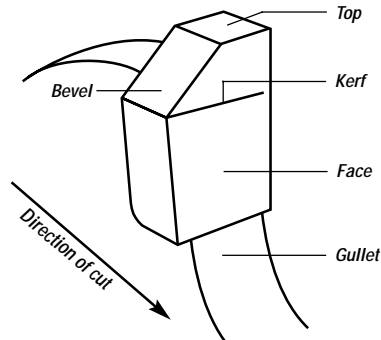
Saw Blade

Selector Chart	173-176
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What You Should Know About Industrial Circular Saw Blades

Tooth design is the determining factor in deciding which blade is best for which industrial application. Here's a quick overview of how subtle changes in bevel, gullet and kerf affect cutting performance.



Bevel

Teeth can have a single bevel, two bevels or no bevel at all. Types of bevels can alternate from tooth to tooth on a given blade. The bevel is what gives the blade its specific cutting pattern.

Gullet

This is the space between teeth that clears the work piece of chips after the cut. The deeper the gullet, the more efficiently chips are cleared.

Kerf

This is the face of the tooth, where the actual cutting takes place. The pattern of alternating kerfs, known as the grind, decides what applications a blade is best for.

Grind

There are many types of tooth grinds, a few of the basic ones are:



Flat Top Grind (FTG) – best for ripping



Alternate Top Bevel (ATB) – for crosscutting, cut-off and trimming.



Triple Chip Grind (TCG) – perfect for hard, abrasive materials like non-ferrous metals, hardwoods and plastics.



Multi-Purpose Carbide Tipped (MCT) – for ripping and crosscutting, miter.



Tri-Grind (TRI) – Combination grind.



Left Trim Grind (3/1) / Right Trim Grind (3/1)
Good finish, one side only.



Solid Surface Grind (SSG)

For extremely dense man-made material.



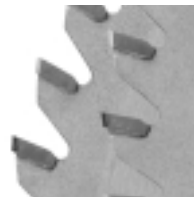
High 30° ATB (MH)

Chip-free cuts on Melamine and Plywood.

Innovations from the leading name in cutting tools.

GOLDEN EAGLE® SAW BLADES WITH C-4 DYANITE® CARBIDE – The longest lasting blades available to industry

- C-4 Dyanite® carbide lasts 2 to 5 times longer than standard carbide.
- Runs cooler to withstand the intense heat of industrial cutting.
- Holds a sharper edge and requires no special tooling to be resharpened.
- Thick, rugged plates especially suited to industrial cutting.
- In configurations and grinds for most popular applications, including man-made materials.



Steel blanks manufactured by DML. Tensioned plates for industrial durability.



Laser-cut for stress-free plates.



C-4 Dyanite® carbide teeth for longer cutting life.

Two quality levels and full custom capabilities



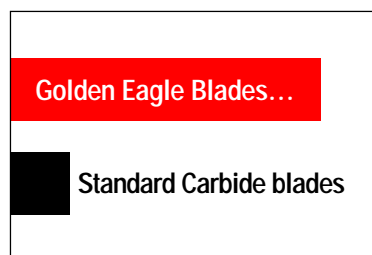
Golden Eagle® Blades with C-4 Dyanite® Carbide

Because they last 2 to 5 times longer than standard carbide blades, Golden Eagle® blades are more economical than blades that cost less. These are the only blades ever to win the coveted Challengers Award at the International Woodworking Fair given for significant advancements in woodworking technology.



Deluxe Industrial Blades with C-4 Carbide

DML's high-quality 10" diameter industrial saw blades. We manufacture our own carbide tips from C-4 carbide. Thick, laser-cut, stress-free plates stand up to the tough conditions of industrial woodworking. Available in configurations for most popular applications.



...last 2 to 5 times longer!



Individually packed in protective corrugated carton.

Custom Tooling Capabilities

DML saw blades can be designed and manufactured to meet your specifications. We offer complete custom tooling. Just tell us what your special need is, and we can give you the blade it takes to get the job done.

To Order [CLICK HERE](#)

If you need help in selecting a saw blade see *Saw Blade Selector Guide* on pages 173-176.

Golden Eagle® Saw Blades with C-4 Dyanite® Carbide

Features:

- Dyanite® carbide formulation C-4 runs 3 to 5 times longer than standard C-4 carbide and can be resharpened by conventional methods.
- Roller tensioned and hammered plates for true Industrial quality standards to extremely precise tolerances.
- Laser cut bodies and expansion slots for quieter running blades.
- Precision ground arbors for near perfect concentricity.
- Teeth are sharpened with 600 grit diamond wheel for extra smooth and precision cuts.
- High precision ground blade tolerances for true Industrial quality standards.
- Properly engineered carbide tip relief angles provide faster, smoother cutting.
- Packaged in reusable, tab-closure cartons.

Rip



Flat Top Grind (FTG)



Rip — (For fast easy ripping of hard and soft woods)

- Smooth accurate cuts and long life.

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
72250		FTG	8	5/8	24	.085-.087	.130-.135	20°	1
74000	G1024R	FTG	10	5/8	24	.085-.087	.130-.135	20°	1
74001	G1224R	FTG	12	1	24	.100-.102	.150-.155	20°	1
72255		FTG	12	1	36	.100-.102	.150-.155	20°	1
72253		FTG	14	1	24	.110-.112	.160-.165	20°	1
74002	G1436R	FTG	14	1	36	.110-.112	.160-.165	20°	1
72254		FTG	16	1	30	.128-.130	.180-.185	20°	1

General Purpose



Alternate Top Bevel (ATB)



Triple Chip Grind (TCG)



General Purpose — (For crosscut and cutoff of soft and hard woods)

- Designed for use in a variety of cutting operations.
- Ideal for ripping or crosscutting when using a single blade.
- TCG grind ideal for man-made materials (hardboard, flake board, MDF, particle board, etc.).

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
72262		ATB	8	5/8	48	.085-.087	.125-.130	15°	1
74010	G1040A	ATB	10	5/8	40	.085-.087	.125-.130	15°	1
74011	G1248A	ATB	12	1	48	.100-.102	.145-.150	15°	1
74012	G1448A	ATB	14	1	48	.110-.112	.155-.160	15°	1
74013	G1648A	ATB	16	1	48	.128-.130	.170-.175	15°	1
72272		TCG	8	5/8	48	.085-.087	.125-.130	15°	1
74014	G1040T	TCG	10	5/8	40	.085-.087	.125-.130	15°	1
72274		TCG	12	1	48	.100-.102	.145-.150	15°	1
72275		TCG	14	1	48	.110-.112	.155-.160	15°	1

Planer



Multi-Purpose Carbide Tipped (MCT)



Planer — (For multi-purpose combination cuts on wood materials)

- Primarily for hand-feed operations.
- Teeth are specifically designed to allow for either rip or crosscutting.
- For use on variety or table saws.

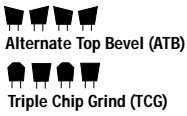
Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
72540		MCT	8	5/8	40	.085-.087	.125-.130	10°	1
74020	G1050PL	MCT	10	5/8	50	.085-.087	.125-.130	10°	1
72543		MCT	12	1	60	.100-.102	.145-.150	10°	1
72544		MCT	14	1	70	.110-.112	.155-.160	10°	1

To Order [CLICK HERE](#)

Golden Eagle® Saw Blades

with C-4 Dyanite® Carbide

Cutoff



Cutoff — (For a variety of cuts in all hard and soft woods)

- For both hand and power feed operations.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.
- Precision tooling results in blade that gives longer life cutting hard and soft woods and laminated veneer panels.
- TCG grind for all hard materials (masonite, MDF board, particle board, etc.).

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
74030	G860A	ATB	8	5/8	60	.085-.087	.125-.130	10°	1
74031	G960A	ATB	9	5/8	60	.085-.087	.125-.130	10°	1
74032	G1060A	ATB	10	5/8	60	.085-.087	.125-.130	10°	1
74033	G1260A	ATB	12	1	60	.100-.102	.145-.150	10°	1
74034	G1460A	ATB	14	1	60	.110-.112	.155-.160	10°	1
74035	G1660A	ATB	16	1	60	.128-.130	.170-.175	10°	1
72586		ATB	18	1	60	.128-.132	.180-.185	10°	1
74040	G860T	TCG	8	5/8	60	.085-.087	.125-.130	10°	1
74041	G960T	TCG	9	5/8	60	.085-.087	.125-.130	10°	1
74042	G1060T	TCG	10	5/8	60	.085-.087	.125-.130	10°	1
74043	G1260T	TCG	12	1	60	.100-.102	.145-.150	10°	1
74044	G1460T	TCG	14	1	60	.110-.112	.155-.160	10°	1
74045	G1660T	TCG	16	1	60	.128-.130	.170-.175	10°	1
72596		TCG	18	1	60	.128-.132	.180-.185	10°	1

Trim

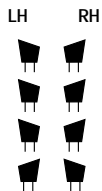


Trim — (For cross-grain cutting of hard and soft woods)

- For hand and power feed operations on hard and soft woods.
- Cuts equally well on particle board, laminated veneer panels and other composition materials.
- ATB grind for hard and soft woods, trim and veneers.
- Well designed and engineered to provide the smoothest cuts and longest life.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.
- TCG grind for cutting composition materials (particle board, laminates, etc.).

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
74050	G1080A	ATB	10	5/8	80	.085-.087	.125-.130	10°	1
74051	G1280A	ATB	12	1	80	.100-.102	.145-.150	10°	1
74052	G1480A	ATB	14	1	80	.110-.112	.155-.160	10°	1
74053	G1680A	ATB	16	1	80	.128-.130	.170-.175	10°	1
72965		ATB	18	1	80	.128-.132	.180-.185	10°	1
74060	G1080T	TCG	10	5/8	80	.085-.087	.125-.130	10°	1
74061	G1280T	TCG	12	1	80	.100-.102	.145-.150	10°	1
74062	G1480T	TCG	14	1	80	.110-.112	.155-.160	10°	1
74063	G1680T	TCG	16	1	80	.128-.130	.170-.175	10°	1
72975		TCG	18	1	80	.128-.132	.180-.185	10°	1

Specialty Trim



Specialty Trim — (For cross-grain cutting of hard and soft woods)

- For a high quality cut in solid woods and veneer faced boards.
 - Designed for double end tenoners
 - 33% more cutting edges for extra smooth finish.
 - Single sided keep side and rough cut side
- To determine rotation, saw blade tips are shown rotating towards you.

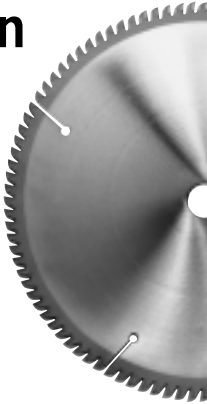
Item No.	Former Part No.	Grind	Rot.	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
64223	G1280RT	3+1	RH	12	1	80	.100-.102	.145-.150	10°	1
64224	G1280RT	3+1	LH	12	1	80	.100-.102	.145-.150	10°	1

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Golden Eagle® Saw Blades

with C-4 Dyanite® Carbide

Precision Trim

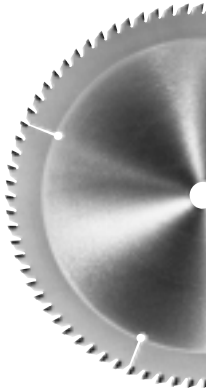


Precision Trim — (For cleanest cuts on hard and soft woods)

- 20% more teeth than standard trim blades for cleaner, smoother cutting.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.
- TCG grind for cuts on hardwoods and man-made materials (composition board, MDF board, etc.).

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
72550		ATB	12	1	100	.100-.102	.145-.150	10°	1
74070	G14100A	ATB	14	1	100	.110-.112	.155-.160	10°	1
74071	G16100A	ATB	16	1	100	.128-.130	.170-.175	10°	1
72537		ATB	18	1	100	.128-.132	.180-.185	10°	1
72510		TCG	12	1	100	.100-.102	.145-.150	10°	1
74080	G14100T	TCG	14	1	100	.110-.112	.155-.160	10°	1
74081	G16100T	TCG	16	1	100	.128-.130	.170-.175	10°	1
72513		TCG	18	1	100	.128-.132	.180-.185	10°	1

Non-Ferrous

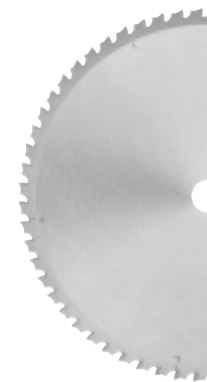


Non Ferrous — (For long life in cutting all non-ferrous materials)

- Special high-quality steel plate is hardened to exacting specifications for cutting metal.
- The use of carbide on CHOP SAW operations is not recommended, unless automatically fed.
- Use coolant for extended life.
- When sawing, metal should be held in place mechanically.
- Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.
- Long life in cutting aluminum, brass, copper, zinc, etc.

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
72980		TCG	8	5/8	48	.085-.087	.125-.130	0°	1
74090	G860N	TCG	8	5/8	60	.085-.087	.125-.130	0°	1
74091	G960N	TCG	9	5/8	60	.085-.087	.125-.130	0°	1
74092	G1060N	TCG	10	5/8	60	.085-.087	.125-.130	0°	1
74093	G1080N	TCG	10	5/8	80	.085-.087	.125-.130	0°	1
72993		TCG	10	5/8	100	.085-.087	.117-.120	0°	1
74094	G1280N	TCG	12	1	80	.100-.102	.140-.145	0°	1
66208	G12158N	TCG	12	5/8	100	.100-.102	.140-.145	0°	1
74096	G12100N	TCG	12	1	100	.100-.102	.140-.145	0°	1
74095	G1480N	TCG	14	1	80	.110-.112	.150-.155	0°	1
74097	G14100N	TCG	14	1	100	.110-.112	.150-.155	0°	1
72991		TCG	15	1	100	.090-.092	.125-.128	-5°	1
72988		TCG	16	1	80	.128-.130	.170-.175	0°	1
72992		TCG	16	1	100	.128-.130	.170-.175	0°	1

Steel Cutting



Steel Cutting Blades (Fine Micro-Grain Carbide)

- Specifically designed for dry cut sawing.
- For use on steel, angle iron, bar stock or pipe.
- Fine finish, no burns.
- Special grade of carbide.
- Maximum R.P.M. 1500. **DO NOT USE ON ABRASIVE OR WOOD CUTTING MACHINES WITH FASTER R.P.M.'s**
- Made for Ridge and Jepson machines only.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
72978	TCG	12	1	60	.080	.095	0°	1
72979	TCG	12	1	80	.080	.095	0°	1
72976	TCG	14	1	60	.080	.095	0°	1
72977	TCG	14	1	80	.080	.095	0°	1

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Steel Pro



Half Bevel Grind



Contractor Steel Cutting Blades (C7 Carbide)

- Specifically designed for use on portable electric and stationary power tools.
- For cutting of steel, angle iron, bar stock or pipe with a hardness of less than 25 Rockwell C.
- Fine finish, no burns.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Max R.P.M.	Standard Shipping Pack
72801	TCG	6 1/2	5/8 Rd., 13/16	30	.070	.090-.095	0°	5800	1
72803	TCG	7 1/4	5/8 Rd., 13/16	38	.070	.090-.095	0°	5800	1
72806	TCG	8 1/4	5/8 Rd., 13/16	40	.080	.100-.105	0°	5800	1
72811	TCG	10	5/8 Rd.	48	.080	.105-.110	0°	5000	1

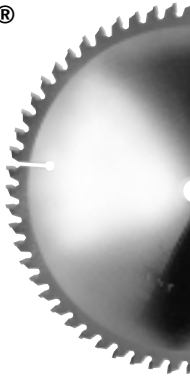
Radi-All®



Tri-Grind (TRI)



Multi-Purpose Carbide Tipped (MCT)



Radi-All® — (For cutting all wood and plastic materials)

- For general purpose, cutoff, trim and hand feed mitering on radial arm saws.
- Provides a steady feed flow through material, reducing overfeed on radial arm saws.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
74100	G848RA	TRI	8	5/8	48	.085-.087	.125-.130	0°	1
66168	G1024RA	TRI	10	5/8	24	.085-.087	.125-.130	0°	1
74101	G1060RA	TRI	10	5/8	60	.085-.087	.125-.130	0°	1
66169	G1236RA	TRI	12	1	36	.100-.102	.145-.150	0°	1
74102	G1280RA	MCT	12	1	80	.100-.102	.145-.150	0°	1
66170	G1448RA	TRI	14	1	48	.110-.112	.150-.155	0°	1
66171	G1648RA	TRI	16	1	48	.128-.130	.160-.165	0°	1

Solid Surface — (For long life in cutting extremely dense & abrasive man-made materials)

- Designed to cut extremely dense and abrasive man-made materials. (Fountain Head®, Corian®, Avonite®, Surell®, etc.)
- Special SSG grind with 45° bevel and smaller kerf cuts cleaner and faster.
- Start cutting immediately without deflection.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
74200	G1060S	SSG	10	5/8	60	.085-.087	.120-.125	10°	1
74201	G1280S	SSG	12	1	80	.100-.102	.140-.145	10°	1
74202	G14100S	SSG	14	1	100	.110-.112	.150-.155	10°	1

Melamine — (For best possible top and bottom cuts in low pressure laminates)

- Special negative hook angle provides smooth, chip-free cut.
- Negative hook angle spreads cutting action along horizontal dimensions of panel, eliminating up and down action that produces chips.
- Tips have less kerf, reducing side pressure.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.
- Original design for cutting of Melamine.

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
74300	G1080M	TCG	10	5/8	80	.085-.087	.117-.123	-10°	1
74302	G1290M	TCG	12	1	90	.100-.102	.130-.135	-10°	1
74303	G14100M	TCG	14	1	100	.110-.112	.140-.145	-10°	1
74304	G16100M	TCG	16	1	100	.120-.122	.155-.158	-10°	1

Solid Surface



Solid Surface Grind (SSG) – 45° bevel for cutting extremely dense man-made material.



Melamine



Triple Chip Grind (TCG)



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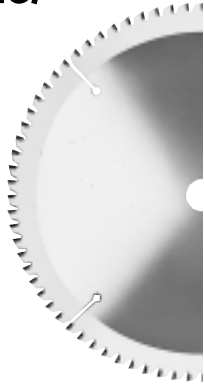
Golden Eagle® Saw Blades

with C-4 Dyanite® Carbide

Melamine/ Plywood



Alternate Top Bevel (ATB)



Melamine/Plywood — (For cutting Melamine and Plywood)

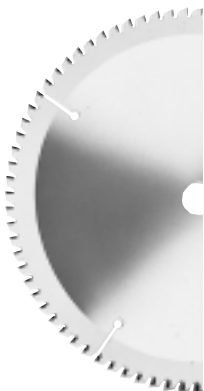
- For clean, chip-free, splinter-free cutting of fine plywoods and melamines.
- High 30° ATB Grind.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
74301	G1080MH	ATB	10	5/8	80	.085-.087	.117-.123	-10°	1

Plywood



Alternate Top Bevel (ATB)



Plywood — (For minimum chipping and tear-out when cutting plywood)

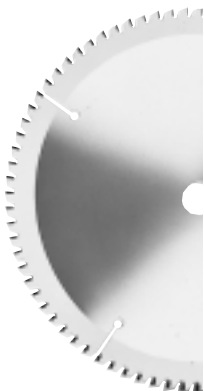
- Perfect blade for mill and manufacturing work.
- Minimizes chipping and tear-out in cutting plywood in either direction.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
74030	ATB	8	5/8	60	.085-.087	.125-.130	10°	1
74031	ATB	9	5/8	60	.085-.087	.125-.130	10°	1
74032	ATB	10	5/8	60	.085-.087	.125-.130	10°	1
74050	ATB	10	5/8	80	.085-.087	.125-.130	10°	1
74033	ATB	12	1	60	.100-.102	.140-.145	10°	1
74051	ATB	12	1	80	.100-.102	.145-.150	10°	1
72550	ATB	12	1	100	.100-.102	.145-.150	10°	1
74052	ATB	14	1	80	.110-.112	.155-.160	10°	1
74070	ATB	14	1	100	.110-.112	.155-.160	10°	1
74053	ATB	16	1	80	.128-.130	.170-.175	10°	1
74071	ATB	16	1	100	.128-.130	.170-.175	10°	1
72965	ATB	18	1	80	.128-.132	.180-.185	10°	1
72537	ATB	18	1	100	.128-.132	.180-.185	10°	1

Panel



Triple Chip Grind (TCG)



Panel — (For smooth top and bottom chip-free cuts on all panel materials)

- For smooth top and bottom chip-free cuts.
- For use on machines where a straight cut is required.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.

Item No.	Grind	Inches	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
74061	TCG	12	1	80	.100-.102	.145-.150	10°	1	
74062	TCG	14	1	80	.110-.112	.155-.160	10°	1	
74063	TCG	16	1	80	.128-.130	.170-.175	10°	1	
72513	TCG	18	1	100	.128-.132	.180-.185	10°	1	

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Golden Eagle® Saw Blades

with C-4 Dyanite® Carbide

Miter

 Alternate Top Bevel (ATB)



Miter — (For smooth, precision trim miter cuts)

- For smooth, trim miter cuts on moldings, picture frames, furniture parts, and where angle cut finishes are critical.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
74030	ATB	8	5/8	60	.085-.087	.125-.130	10°	1
74050	ATB	10	5/8	80	.085-.087	.125-.130	10°	1
74051	ATB	12	1	80	.100-.102	.145-.150	10°	1
72550	ATB	12	1	100	.100-.102	.145-.150	10°	1
74052	ATB	14	1	80	.110-.112	.155-.160	10°	1
74070	ATB	14	1	100	.110-.112	.155-.160	10°	1
74071	ATB	16	1	100	.128-.130	.170-.175	10°	1
72537	ATB	18	1	100	.128-.132	.180-.185	10°	1

Compound Miter

 Tri-Grind (TRI)

 Multi-Purpose Carbide Tipped (MCT)

 Triple Chip Grind (TCG)



Compound Miter

- Specifically designed for a compound miter saw.
- Perfect miter cuts.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
72263	TRI	8 1/2	5/8	48	.063-.065	.100-.105	0°	1
72257	TRI	8 1/2	5/8	60	.063-.065	.100-.105	0°	1
72276	TRI	10	5/8	60	.070-.072	.100-.105	0°	1
72258	MCT	10	5/8	80	.070-.072	.100-.105	0°	1
72277	MCT	12	1	80	.085-.088	.118-.120	0°	1
72278	MCT	14	1	80	.090-.092	.125-.130	0°	1
72279	MCT	15	1	80	.090-.092	.125-.130	0°	1
62557	TCG	14	1	80	.090-.092	.125-.130	0°	1
62558	TCG	15	1	80	.090-.092	.125-.130	0°	1

Miter-All®

 Tri-Grind (TRI)

 Multi-Purpose Carbide Tipped (MCT)



Miter-All® — (For maximum performance in chop mitering all wood materials)

- Designed for maximum performance in mitering applications, straight or compound angle.
- Provides smooth, clean, finished cut in all types of wood.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
72291	D1060MB	TRI	10	5/8	60	.085-.087	.115-.120	10°	1
72292	D1080MB	MCT	10	5/8	80	.085-.087	.115-.120	10°	1

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Golden Eagle® Saw Blades

with C-4 Dyanite® Carbide

Plastic

 Triple Chip Grind (TCG)



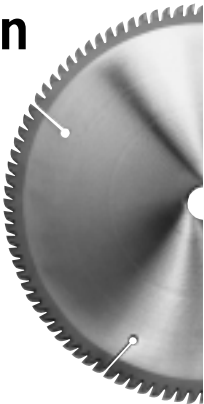
Plastic—(For cutting high pressure laminates, plastic, polyurethane, PVC, and

- Designed for cutting plastic and for high pressure and medium density overlay cutting.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
74040	TCG	8	5/8	60	.085-.087	.125-.130	10°	1
74041	TCG	9	5/8	60	.085-.087	.125-.130	10°	1
74042	TCG	10	5/8	60	.085-.087	.125-.130	10°	1
74060	TCG	10	5/8	80	.085-.087	.125-.130	10°	1
74043	TCG	12	1	60	.100-.102	.140-.145	10°	1
74061	TCG	12	1	80	.100-.102	.145-.150	10°	1
72510	TCG	12	1	100	.100-.102	.145-.150	10°	1
74062	TCG	14	1	80	.110-.112	.155-.160	10°	1
74080	TCG	14	1	100	.110-.112	.155-.160	10°	1
74063	TCG	16	1	80	.128-.130	.170-.175	10°	1
74081	TCG	16	1	100	.128-.130	.170-.175	10°	1
72975	TCG	18	1	80	.128-.132	.180-.185	10°	1
72513	TCG	18	1	100	.128-.132	.180-.185	10°	1

Ultra Thin

 Alternate Top Bevel (ATB)



Ultra-Thin — (For easy feed and reduced waste in cutting all woods and plastics)

- For cutoff and trim applications.
- Ideal for use on power miter box saws.
- Cuts cleanly.
- Specially designed thin plate eases the feed of wood, decreases wood waste.
- Thin blade requires less power.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.

Item No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
72300	ATB	8	5/8	60	.063	.093	10°	1
72301	ATB	9	5/8	72	.063	.093	10°	1
72302	ATB	10	5/8	80	.063	.093	10°	1
72303	ATB	12	1	100	.075	.105	10°	1
72304	ATB	14	1	80	.085	.115	10°	1
72305	ATB	14	1	100	.085	.115	10°	1
72306	ATB	15	1	100	.090	.125	10°	1
72307	ATB	16	1	100	.098	.135	10°	1

3 pc. Saw Man Set



“Saw Man” 3-Blade Golden Eagle® Set

- The complete saw blade requirement for the woodworker.
- Attractive wooden case contains three 10” diameter C-4 grade carbide tipped blades.
- C-4 Dyanite® carbide teeth are tougher and more durable than any conventional grade of carbide.

Item	Contents One of Ea.	Diameter Inches	Bore Inches	No. Of Teeth	Grind
72400	Saw Man Includes: RIP — 74000 (G1024R) PLANER— 74020 (G1050PL) TRIM — 74050 (G1080TA)	10	5/8	24	FTG
		10	5/8	50	MCT
		10	5/8	80	ATB

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Panel Saws



Beam Type Saws—Main Blades

Item No.	Description	Machine
73800	305mm x 4.4 x 2.8 x 30 x 60T	Panhans
73807	350mm x 4.4 x 3.0 x 30 x 72T	Panhans, Schelling (Old & New)
73811	350mm x 4.4 x 3.2 x 11/4" x 72T	SCMI
73816	355mm x 4.4 x 3.0 x 75 x 72T	Giben
73823	380mm x 4.8 x 3.5 x 60 x 72T	Holzma
73831	400mm x 4.4 x 3.2 x 30 x 72T	Schelling
73838	400mm x 4.4 x 3.2 x 75 x 72T	Giben Prismatic 1
73846	400mm x 4.4 x 3.2 x 80 x 84T	Selco
73853	420mm x 4.8 x 3.5 x 60 x 72T	Holzma
73860	430mm x 4.4 x 3.2 x 60 x 72T	Anthon
73867	430mm x 4.4 x 3.2 x 80 x 72T	Selco
73874	430mm x 4.4 x 3.2 x 75 x 96T	Giben Prismatic 2
73881	430mm x 4.4 x 3.2 x 80 x 84T	Selco
73888	450mm x 4.8 x 3.5 x 60 x 72T	Holzma Type 11
73895	450mm x 4.8 x 3.5 x 80 x 72T	Selco
73902	470mm x 4.4 x 3.2 x 75 x 96T	Giben Prismatic 3
73909	480mm x 4.8 x 3.5 x 80 x 72T	Selco
73916	500mm x 4.4 x 3.2 x 75 x 60T	Giben
73923	500mm x 4.8 x 3.5 x 60 x 72T	Holzma Type 22

Scoring saw Blades—Conical

Item No.	Description	Machine
73801	125mm x 4.4/5.2 x 3.2 x 20 x 20T	Panhans
73808	180mm x 4.4/5.2 x 3.2 x 30 x 30T	Panhans
73809	200mm x 4.2/5.1 x 6.0 x 20 x 24T	Schelling (Old)
73810	200mm x 4.4/5.2 x 3.5 x 20 x 36T	Schelling (New)
73819	125mm x 4.4/5.2 x 3.2 x 45 x 20T	Giben
73824	200mm x 4.8/5.6 x 3.5 x 45 x 36T	Holzma, Holzma Type 22
73832	150mm x 4.4/5.2 x 3.2 x 20 x 24T	Schelling
73839	160mm x 4.4/5.2 x 3.2 x 45 x 28T	Giben Prismatic 1
73847	200mm x 4.4/5.2 x 3.2 x 65 x 36T	Selco
73861	180mm x 4.4/5.2 x 3.2 x 20 x 30T	Anthon
73875	215mm x 4.4/5.2 x 3.2 x 50 x 42T	Giben Prismatic 2
73889	180mm x 4.8/5.6 x 3.5 x 45 x 36T	Holzma Type 11
73896	200mm x 4.8/5.6 x 3.5 x 65 x 36T	Selco
73899	150mm x 4.4/5.2 x 3.2 x 11/4" x 24T	SCMI

Sliding Table Saws—Main Blades—ATB

Item No.	Description	Machine
73950	300mm x 3.2 x 2.2 x 25.4 x 60T, ATB	SCMI
73951	300mm x 3.2 x 2.2 x 30 x 60T, ATB	Altendorf
73955	350mm x 3.5 x 2.5 x 25.4 x 72T, ATB	SCMI
73956	350mm x 3.5 x 2.5 x 30 x 72T, ATB	Altendorf, Holz Her

Sliding Table Saws—Main Blades—TCG

Item No.	Description	Machine
73970	300mm x 3.2 x 2.2 x 25.4 x 72T, TCG	SCMI
73971	300mm x 3.2 x 2.2 x 30 x 72T, TCG	Altendorf
73975	350mm x 3.5 x 2.5 x 25.4 x 84T, TCG	SCMI
73976	350mm x 3.5 x 2.5 x 30 x 84T, TCG	Altendorf, Holz Her



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Scoring Saw Blades—Split

Item No.	Description	Machine
73990	100mm x 2.8/3.6 x 19.05, 2 x 10, ATB	SCMI
73992	120mm x 2.8/3.8 x 19.05, 2 x 12, ATB	SCMI
73993	120mm x 2.8/3.8 x 20, 2 x 12, ATB	SCMI
73994	120mm x 2.8/3.8 x 22, 2 x 12, ATB	Altendorf, Holz Her



Alternate Top Bevel (30° ATB)

Vertical Panel Saws—Main Blades

Item No.	Description	Machine
73980	220mm x 3.2 x 2.2 x 30 x 64T, ATB	Holz Her
73985	300mm x 3.2 x 2.2 x 30 x 96T, ATB	Striebig, Holz Her

Machine Recommendations

Beam Type Saws

Machine	Item No.	Main Blade			Appropriate Scoring Blade			
		Diameter (mm)	Pin Holes	Grind	Item No.	Diameter (mm)	Pin Holes	Grind
Panhans	73800	305		TCG	73801	125		Conical
Panhans	73807	350		TCG	73808	180		Conical
Schelling (Old)	73807	350		TCG	73809	200		Conical
Schelling (New)	73807	350		TCG	73810	200		Conical
Giben, Giben Trend	73816	355		TCG	73819	125		Conical
Holzma Type 81, Type 91	73823	380		TCG	73824	200		Conical
Schelling FW AW	73831	400		TCG	73832	150		Conical
Giben Prismatic 1	73838	400	4/15/105	TCG	73839	160	3/11/70	Conical
Selco WN, WNT, WNTR, WNA, WNAR, EB, EBL	73846	400	2/8.4/130 + 4/19/120	TCG	73847	200	2/8.4/110	Conical
Holzma Type 92, Type 02	73853	420		TCG	73824	200		Conical
Anthon CP	73860	430	1/11/85	TCG	73861	180		Conical
Selco WN, WNT, WNTR, WNA, WNAR	73867	430	2/8.4/130 + 4/19/120	TCG	73847	200	2/8.4/110	Conical
Giben Prismatic 2	73874	430	4/15/105	TCG	73875	215	3/15/80	Conical
Selco WN, WNT, WNTR, WNA, WNAR	73881	430	2/8.4/130 + 4/19/120	TCG	73847	200	2/8.4/110	Conical
Holzma Type 11	73888	450	2/14/125	TR. TR.	73889	180		Conical
Selco WN, WNT, WNTR, WNA, WNAR	73895	450	2/8.4/130 + 4/19/120	TCG	73896	200	2/8.4/110	Conical
Giben Prismatic 3	73902	470	4/15/105	TCG	73875	215	3/15/80	Conical
Selco WN, WNT, WNTR, WNA, WNAR	73909	480	2/8.4/130 + 4/19/120	TCG	73896	200	2/8.4/110	Conical
Giben	73916	500		TCG	73819	125		Conical
Holzma Type 22	73923	500		TCG	73824	200		Conical

Industrial Saw Blades

Sliding Table Saw Range

Main Blade-Alternate Top Bevel

Machine	Item No.	Diameter (mm)	Pin Holes	Grind
SCMI	73950	300		ATB
Altendorf	73951	300	2/7/42,2/10/60	ATB
SCMI	73955	350		ATB
Altendorf, Holz Her	73956	350	2/10/60	ATB

Scoring Saw Blades—split

Machine	Item No.	Diameter (mm)	Pin Holes	Grind
SCMI	73990	100		Flat
SCMI	73992	120		Flat
SCMI	73993	120		Flat
Altendorf, Holz Her	73994	120		Flat

Main Blade-Triple Chip

Machine	Item No.	Diameter (mm)	Pin Holes	Grind
SCMI	73970	300		TCG
Altendorf	73971	300	2/7/42,2/10/60	TCG
SCMI	73975	350		TCG
Altendorf, Holz Her	73976	350	2/10/60	TCG

Vertical Panel Saw Range

Main Blade	Machine	Item No.	Diameter (mm)	Pin Holes	Grind
	Holz Her	73980	220	2/7/42	ATB 30°
	Striebig, Holz Her	73985	300	2/7/42,2/10/60	ATB 30°

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Deluxe Industrial Saw Blades with C-4 Carbide

Features:

- Industrial-quality carbide-tipped blades are manufactured from high quality, heat-treated steel.
- Laser cut, stress-free, thick industrial plates, tipped with C-4 carbide for long life.
- Plugged or laser cut expansion slots help prevent warping and cracking.
- Packaged in reusable, tab-closure cartons.
- Bulk packs available on select blades shown below.

Cutoff



- Alternate Top Bevel (ATB)
- Triple Chip Grind (TCG)

Cutoff — (For a variety of cuts in all hard and soft woods)

- For both hand and power feed operations.
- TCG grind for all hard materials (masonry, MDF, particle board, etc.).
- Precision tooling results in blade that gives longer life cutting hard and soft woods and laminated veneer panels.

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
72582	D1060CA	ATB	10	5/8	60	.085-.087	.125-.130	10°	1
72592	D1060CT	TCG	10	5/8	60	.085-.087	.125-.130	10°	1

Trim



- Alternate Top Bevel (ATB)
- Triple Chip Grind (TCG)

Trim — (For cross-grain cutting of hard and soft woods)

- For hand and power feed operations on hard and soft woods.
- Cuts equally well on particle board, laminated veneer panels and other composition.
- ATB grind for hard and soft woods, trim and veneers.
- Well designed and engineered to provide the smoothest cuts and longest life.
- TCG grind for cutting composition materials (particle board, laminates, etc.).

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
72961	D1080TA	ATB	10	5/8	80	.085-.087	.125-.130	10°	1
72971	D1080TT	TCG	10	5/8	80	.085-.087	.125-.130	10°	1

Planer



- Multi-Purpose Carbide Tipped (MCT)

Planer — (For multi-purpose combination cuts on wood materials)

- Primarily for hand-feed operations.
- For use on a variety of table saws.
- Teeth are specially designed to allow for either rip or crosscutting.

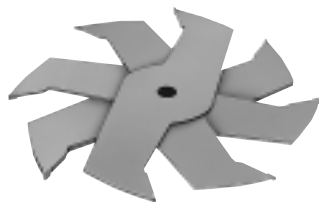
Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Plate	Kerf	Hook	Standard Shipping Pack
72542	D1050PL	MCT	10	5/8	50	.085-.087	.125-.130	10°	1

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Industrial Dado Sets



Model 73504



DML Thoroughbred™ Dado with Dyanite® Carbide

- Clean, even and perfect flat bottom dado cuts for precise and snug joints.
- Easy on-machine dial cam adjustments for precise inch or metric cuts without removing from machine.
- Dyanite® C-4 carbide teeth give 3 to 5 times longer cutting life.
- Manufactured to industrial tolerances for absolute concentricity.
- Splinter and chip-free finish. Precision cuts with square corners and no tear-out on such materials as plywood, hardwood, melamine and softwood.
- This 3-piece unit utilizes two blades for cuts from 1/4" to 1/2", and the third blade for cuts over 13/16" (.830).

Item No.	Diameter Inches	Bore Inches	Width of Cut	No. of Teeth	Machine Specific Configuration
73500	8	5/8	1/4 - 13/16	54 total	Machine with Motor on <u>Left</u>
73504	8	5/8	1/4 - 13/16	54 total	Machine with Motor on <u>Right</u>

Set includes: spanner wrench, allen wrench, and illustrated instruction manual packaged in protective plastic carrying case.

Industrial Dado Sets

- Precision ground to produce the types of cuts necessary for professional results.
- Outside saws are hollow ground, tensioned and top grind to be run specifically as a right or left hand saw.
- Gives a smooth cut with or across grain in soft or hard woods.
- Packaged in industrial wooden storage boxes.

Item No.	Former Part No.	Standard #3 Dado Set			No. of Teeth	Consists of Outside Saws	Chippers		
		Diameter Inches	Bore Inches	Width of Cut			1/16	1/8	1/4
73000	ID800	8	5/8	13/16	24	2	1	2	1
73001	ID1000	10	5/8	13/16	24	2	1	2	1
73002	ID1001	10	1	13/16	24	2	1	2	1
73003	ID1200	12	1	13/16	24	2	1	2	1

Extra Chippers

Item No.	Former Part No.	Bore Inches	Diameter	Width
73100	IC818	5/8	8	1/8
73101	IC8116	5/8	8	1/16
73102	IC814	5/8	8	1/4
73103	IC1014	5/8	10	1/4
73105	IC1018	5/8	10	1/8
73106	IC10116	5/8	10	1/16
73107	IC1214	1	12	1/4
73108	IC1218	1	12	1/8
73109	IC12116	1	12	1/16

1" Bore chippers available at an additional bore charge.

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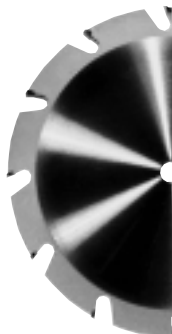
King Carbide Semi-Industrial Saw Blades

Features:

- Carbide tips are diamond ground to specific configurations based on blade's ultimate cutting applications.
- Larger precision ground C-2 carbide tips provide 30% more sharpenings.
- Heavy-duty hardened steel blanks for stiffer bodies and truer running saw blades.
- Expansion slots dissipate heat build-up.
- ATB, FTG and TCG tooth grinds available for most popular applications.
- Number of teeth range from 12 to 60 to attain desired finish of cut.
- Packaged in see-thru clamshell.

Rip

 Flat Top Grind (FTG)



Rip — 12 Tooth

- For sawing with portable or stationary equipment.
- Rips hard and soft woods.
- Cuts hardboard, and wallboard.

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
70002	KC 7212	FTG	7 ¹ / ₄	1 ³ / ₁₆ Rd.	12	1
70003	KC 812	FTG	8	1 ³ / ₁₆ Rd.	12	1
70005	KC 1012	FTG	10	5/8 Rd.	12	1
70006		FTG	12	5/8, 1 Rd.	12	1

General Purpose

 Alternate Top Bevel (ATB)
 Flat Top Grind (FTG)



General Purpose — 24 Tooth

- For general purpose rip or cutoff applications where smooth finish is not necessary.
- Fast cutting in soft and hard woods, plywood, chipboard, veneer, particleboard and composition materials.

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
70012	KC 7224	ATB	7 ¹ / ₄	1 ³ / ₁₆ Rd.	24	1
70123	KC 824	ATB	8	1 ³ / ₁₆ Rd.	24	1
70015	KC 1024A	ATB	10	5/8 Rd.	24	1
70124		ATB	12	5/8, 1 Rd.	24	1

General Cutoff

 Alternate Top Bevel (ATB)
 Triple Chip Grind (TCG)



General Cutoff — 40 Tooth

- For trimming and crosscutting soft and hard woods.
- Expansion slots guard against warping and distortion caused by heat.
- Use TCG grind when cutting plastics, aluminum, and non-ferrous metals.
- Cuts particleboard, plywood, Masonite® and other composition materials.

Item No.	Former Part No.	Grind*	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
70030	KC 6540	ATB	6 ¹ / ₂	5/8 Rd., 1 ³ / ₁₆	40	1
70032	KC 7240	ATB	7 ¹ / ₄	5/8 Rd., 1 ³ / ₁₆	40	1
70033	KC 840	ATB	8	5/8 Rd., 1 ³ / ₁₆	40	1
70125	KC 940	ATB	9	5/8 Rd.	40	1
70035	KC 1040	ATB	10	5/8 Rd.	40	1
70036		ATB	12	5/8, 1 Rd.	40	1
70042	KC 7240	TCG	7 ¹ / ₄	5/8 Rd., 1 ³ / ₁₆	40	1
70126	KC 840	TCG	8	5/8 Rd., 1 ³ / ₁₆	40	1
70045	KC 1040	TCG	10	5/8 Rd.	40	1

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King Carbide Semi-Industrial Saw Blades

Planer


Multi-Purpose
Carbide Tipped (MCT)



Planer — 50 Tooth

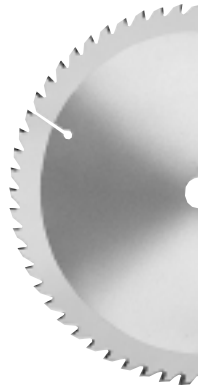
- An all-purpose combination blade.
- Gives accurate cuts on a wide variety of materials, including solid wood, plywood, plastics, Formica® and Masonite®.
- For use when a variety of cutting applications are performed.
- MCT tooth provides a special tooth grind where two sets of shear action top bevel teeth are followed by raking action flat top tooth, plus a special gullet for extra chip removal.

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
70127	KC 1050	MCT	10	5/8 Rd.	50	1

Cutoff


Alternate Top Bevel (ATB)

Triple Chip Grind (TCG)



Cutoff — 60 Tooth

- Crosscuts and miters in soft and hard woods.
- Ideal for fine cutoff or finishing work.
- Cuts particleboard, plywood, Masonite® and other composition materials.
- Use TCG grind when cutting plastics, aluminum and non-ferrous metals.

Item No.	Former Part No.	Grind*	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
70063	KC 860	ATB	8	5/8 Rd., 13/16	60	1
70129	KC 960	ATB	9	5/8 Rd.	60	1
70065	KC 1060	ATB	10	5/8 Rd.	60	1
70066		ATB	12	5/8, 1 Rd.	60	1
70073	KC 860	TCG	8	5/8 Rd., 13/16	60	1
70075	KC 1060	TCG	10	5/8 Rd.	60	1
70076		TCG	12	5/8, 1 Rd.	60	1

Rescue


Nail Cutting Grind (NCG)



Rescue Blade

- Designed for rough cutting applications.
- Special modified grind and 15° negative hook angle reduces the possibility of tooth damage.

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches or mm	No. Of Teeth	Standard Shipping Pack
70116	SKR 1212	NCG	12	1	12	1
70118	SKR 1212	NCG	12	20mm	12	1
70121		NCG	12	20mm	24	1
70119	SKR 1224	NCG	12	1	24	1
70120	SKR 1424	NCG	14	1	24	1

Note: Due to the rough applications for which these blades may be used, they are not guaranteed.

Nail Cutting


Nail Cutting Grind (NCG)



Nail Cutting Blade

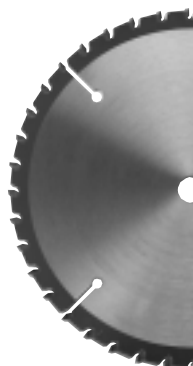
- For cutting lumber and flooring where occasional nails are present.
- Specially designed grind and negative hook angle reduces the possibility of tooth damage.

Item No.	Former Part No.	Grind	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
70102	KCN 7214	NCG	7 1/4	5/8 Rd., 13/16	14	1

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Miter

 Triple Chip Grind (TCG)



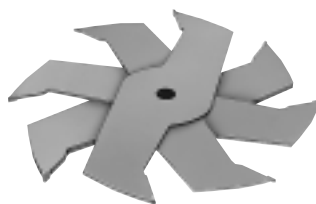
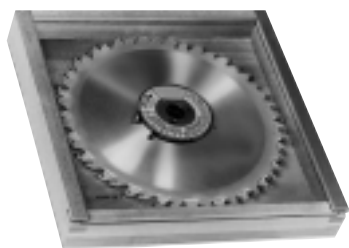
King Carbide Semi-Industrial Saw Blades and Dadoes

Mitre Blades with Dyanite® Carbide

- Dyanite® carbide lasts 2 to 5 times longer than standard carbide.
- Fast, clean chip removal.
- Satin smooth cuts without splinters.
- For cutting all types of woods and non-ferrous metals, such as aluminum, brass, copper and lead.
- Safer cutting with reduced chance of kick-back.

Item No.	Former Part No.	Grind	Diameter Inches	Arbor Inches	No. Of Teeth	Hook Angle	Standard Shipping Pack
62553	KCD 8254	TCG	8 1/4	5/8 Rd.	40	0°	1
62555	KCD 1040	TCG	10	5/8 Rd.	40	0°	1

Dado Sets



Challenger Adjustable Dado

- The new, twin V-blade Challenger is the most sophisticated adjustable dado ever built.
- Adjustments of 1/16" are clearly marked from 1/4" through 13/16".
- Carbide tipped for longer life and smoother cutting.
- Adjustments can be made without removing the Challenger dado from the saw arbor.
- Packaged in a sturdy mahogany box with a sliding clear Plexiglas top.

Item No.	Former Part No.	Diameter Inches	Bore Inches	No. Of Teeth	Standard Shipping Pack
63204	AD 8000	8	5/8	24	1

Carbide Tipped Dado Set

- Carbide tipped for longer life and smoother cutting.
- Set Contents: (2) outside saws, (1) 1/4" chipper, (2) 1/8" chippers, and (1) 1/16" chipper.
- Can be varied to cut 1/8" to 13/16" kerf.

Item No.	Former Part No.	Diameter Inches	Bore Inches	No. Of Teeth	Outside Saw 1/8" Kerf	Standard Shipping Pack
47495	DC 600	6	5/8	16	2	1
47496	DC 800	8	5/8	20	2	1

Extra Chippers

Item No.	Former Part No.	Diameter Inches	Kerf Inches	Standard Shipping Pack
47497	C 6116	6	1/16	1
47498	C 618	6	1/8	1
47499	C 8116	8	1/16	1
47452	C 818	8	1/8	1
73102		8	1/4	1

Stiffening Collars



Accessories

Stiffening Collars

- Top quality tool steel.
- 2 per set.
- Taper ground for absolute stability – to make cuts more accurate and dampen sound.
- Can not be rebores.

Item No.	Former Part No.	Diameter Inches	Arbor Inches	Thickness Inches	Standard Shipping Pack
47451	SC 400	4	5/8	1/8	1

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Selecting the proper 10" table saw blade

10" Table Saw Blade Selector Chart

- This is a basic guide for determining which DML saw blade to use for 10" table saw for best performance on a variety of materials.
- This reference also covers Compound / Sliding Miter, Miter, and Chop Miter / Miter Box machines.
- Some materials will differ in moisture content, density, hardness, machine RPM, feed speed, spindle size, etc. Use this list for quick selection of DML saw blades. Contact your representative for any special needs or concerns.

Material Thickness	Excellent (Golden Eagle®)	Very Good (Deluxe Industrial)	Good (King Carbide, American Pride Gold)
For Cutting Plywood			
1/4	74050 (G1080A)	72961 (D1080A)	70065 (KC1060A)
1/2	74050 (G1080A)	72961 (D1080A)	70065 (KC1060A)
3/4	74032 (G1060A)	72582 (G1060PA)	70065 (KC1060A)
For Cross-Cuffing Soft Wood			
1/2	74050 (G1080A)	72961 (D1080A)	70065 (KC1060A)
1	74050 (G1080A)	72961 (D1080A)	70065 (KC1060A)
2	74032 (G1060A)	72582 (D1060A)	70065 (KC1060A)
Rip Soft Wood			
1/2	74014 (G1040T)	70035 (KC1040)	70015 (KC1024A)
1	74000 (G1024R)	70015 (KC1024)	60232 (AP Gold)
2	74000 (G1024R)	70015 (KC1024)	60232 (AP Gold)
For Cross Cutting Hard Wood			
1/2	74050 (G1080A)	72961 (D1080A)	70065 (KC1060A)
1	74032 (G1060A)	72582 (D1060A)	70127 (KC1050)
2	74010 (G1040A)	70065 (KC1060A)	70035 (KC1040A)
Rip Hard Wood			
1/2	74000 (G1024R)	70015 (KC1024)	60232 (AP Gold)
1	74000 (G1024R)	70015 (KC1024)	60232 (AP Gold)
2	74000 (G1024R)	70015 (KC1024)	60232 (AP Gold)
Pressure Treated Lumber			
Rip 2	74000 (G1024R)	70015 (KC1024A)	60232 (AP Gold)
Crosscut 2	74032 (G1060A)	72582 (D1060A)	70065 (KC1060A)
Double Sided Melamine			
1/2- 3/4	74301 (G1080MH)	74300 (G1080M)	74060 (G1080T)
3/4-1 1/4	Custom	74300 (G1080M)	72276 (Miter)
Plastic (Soft) PVC, Polyurethane			
1/8- 1/4	74050 (G1080A)	72971 (D1080T)	70065 (KC1060A)
3/8 - 5/8	74042 (G1060T)	72592 (D1060T)	70075 (KC1060T)

Industrial Saw Blades

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Selecting the proper 10" table saw blade

Material Thickness	Excellent (Golden Eagle®)	Very Good (Deluxe Industrial)	Good (King Carbide, American Pride Gold)
Plastic (Hard) High Pressure Laminate, Acrylics			
1/8 - 1/4	74060 (G1080T)	72971 (D1080T)	70075 (KC1060T)
3/8 - 5/8	74042 (G1060T)	72592 (D1060T)	70075 (KC1060T)
Solid Surface			
5/8 - 3/4	74200 (G1060S)	74092 (G1060N)	70075 (KC1060A)
Non-Ferrous			
1/8 - 1/4	74093 (G1080N)	74060 (G1080T)	70075 (KC1060T)
3/8 - 5/8	74092 (G1060N)	74092 (G1060N)	70045 (KC1040T)
Particle Board			
1/2 - 3/4	74060 (G1080T)	72971 (D1080T)	60242 (APGold)
3/4-1"	74042 (G1060T)	72592 (D1060T)	60234 (APGold)

Saw Blade Speed Chart

Recommended Operating Speeds for Circular Saw Blades

- For best result in life of blade and quality of cut, saw blades should run between 10,000 and 18,000 SFPM (Surface Feet per Minute).
- NEVER EXCEED 18,000 SFPM!
- To calculate SFPM:
 - 1.) Multiply the diameter of the blade times P1 (3.1416) to get the circumference, then multiply circumference by RPM to get inches per minute.
 - 2.) Divide the inches per minute calculation (from step 1) by 12 to get the feet per minute. Best results on most materials would be about 15,000 SFPM.

Saw Blade Diameter in Millimeters	Saw Blade Diameter in Inches	Maximum RPM
165	6 1/2	10,000
185	7-7 1/2	9,000
200	8	8,000
210	8 1/4	7,900
215	8 1/2	7,800
220	9	7,500
260	10	6,500
300	12	5,500
350	14	4,500
375	15	4,200
400	16	4,000
420	17	3,900
450	18	3,800
500	20	3,400
550	22	3,000

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Selecting the proper compound or sliding miter saw blade

Select the right blade for the type of machine you are using to assure the proper cut.

Compound or Sliding Miter Saw Blade Selector Chart

DML Item No.	Teeth	Grind	Wood Hard	Wood Soft	Plywood	Particle Board	Non-Ferrous	Plastic Hard	Plastic Soft
6 1/2" Diameter x 5/8" Bore (Designed for: Delta Sidekick #33060)									
70030	40	ATB	2	1	1	2	0	2	1
8" Diameter x 5/8" Bore (Designed for: Delta Saw Buck #33050, #33055)									
74100•	48	ATB	1	1	1	2	0	2	1
72980•	48	TCG	2	2	0	1	1	1	2
74090•	60	TCG	2	2	0	1	1	1	2
8 1/4" Diameter x 5/8" Bore (Designed for: Ryobi #TX200, SEARS #23488, SEARS #23468)									
62553	40	TCG	1	1	1	2	0	2	1
60228	40	ATB	1	1	1	2	0	1	1
8 1/2" Diameter x 5/8" Bore (Designed for: HITACHI, #C8FB — NEW MODEL C8FBS, MADE IN U.S.A., DEWALT #1707, RYOBI #TSS 2200, FREUD #TR 215)									
72263•	48	TRI	1	1	1	1	0	2	1
60230	40	ATB	2	2	2	2	0	2	2
10" diameter x 5/8" Bore (Designed for: AEG #SKS300, MAKITA #LS1011, DELTA #36220 and #36250, DELTA SIDE-KICK #36090 and #36210, SEARS #23486 and #23520, RYOBI #260, Milwaukee #6494, Hitachi #C10FS, Skil #HD3812, BOSCH #B3915)									
72276•	60	TRI	1	1	1	1	0	2	2
74101•	60	TRI	1	1	1	2	0	1	1
74300•	80	TCG	0	0	0	2	0	1	2
74301•	80	HI ATB	1	1	1	2	0	0	2
74092•	60	TCG	0	0	0	2	1	2	2
74093•	80	TCG	0	0	0	2	1	2	2
60240	60	TRI	2	1	2	2	0	2	2
60242	80	ATB	2	1	2	2	0	2	2
12" diameter x 1" Bore (Designed for: DEWALT #DW705, BLACK & DECKER #3680, MAKITA #1211, SKIL #HD3812, SEARS #23512)									
74102•	80	TRI	1	1	1	2	0	2	1
74302•	90	TCG	1	0	0	0	2	1	2
74094•	80	TCG	0	0	0	2	1	2	2
74096•	100	TCG	0	0	0	2	1	2	2
72277•	80	4-1	1	1	1	2	0	2	1
60244	60	TRI	2	1	2	2	0	2	2
60246	80	ATB	2	1	2	2	0	2	2

QUALITY OF CUT: 1 = Superior Cut 2 = Average Cut 0 = Not Recommended

• = Golden Eagle®

Some materials will differ in moisture content, density, hardness, machine RPM, feed speed, spindle size, etc.

Industrial Saw Blades

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Selecting the proper miter, chop miter or miter box saw blade

Miter, Chop Miter or Miter Box Saw Blade Selector Chart

DML Item No.	Teeth	Grind	1/4" - 3/4" Wood		1/4" - 1/2" Plywood	3/4" Particle Board	1/8" - 1/4" Non-Ferrous	Plastic	
			Hard	Soft				Hard	Soft
10" Diameter x 5/8" Bore									
<i>(Designed for: SKIL #8610, B & D #1703-1, DELTA #34080, PORTER CABLE #7700, MILWAU-KEE #6490, #6491, #6492, RYOBI #TX251U, RYOBI #TX254CB,, HITACHI #C10FA, MAKITA #LS1020, MAKITA #LS1030)</i>									
72291	60	CG	1	1	2	2	0	2	2
72292	80	CG	1	1	1	1	0	2	1
74092•	60	TCG	0	0	0	0	1	0	2
72983•	60	TCG	0	0	0	0	1	0	2
74093•	80	TCG	0	0	0	0	1	0	2
74014•	40	TCG	2	2	0	2	0	0	2
74020•	50	MCT	2	2	2	2	0	2	2
74032•	60	ATB	1	1	2	1	0	2	2
72042•	60	TCG	2	2	2	1	2	2	2
74050•	80	ATB	1	1	1	2	0	2	2
74060•	80	TCG	1	2	2	1	0	1	2
60240	60	TRI	2	1	2	2	0	2	2
60242	80	ATB	2	1	2	2	0	2	2
12" diameter x 1" Bore									
<i>(Designed for: DEWALT #DW704, B & D #3660, HITACHI #C12FA)</i>									
72277•	80	4-1	1	1	1	2	0	2	1
74043•	60	TCG	2	2	2	2	0	1	2
72550•	100	ATB	1	1	1	2	0	1	2
72543•	60	MCT	2	2	2	2	0	2	2
74033•	60	ATB	2	2	2	0	0	0	0
74043•	60	TCG	2	2	2	0	0	0	0
74051•	80	ATB	1	1	1	2	0	2	1
74061•	80	TCG	2	2	2	1	0	1	1
74094•	80	TCG	0	0	0	0	1	0	2
74096•	100	TCG	0	0	0	0	1	2	1
72303•	100	ATB	1	1	1	2	0	2	1
60244	60	TRI	2	1	2	2	0	2	2
60246	80	ATB	2	1	2	2	0	2	2
14" diameter x 1" Bore									
<i>(Designed for: MAKITA #LS1440)</i>									
72278•	80	4-1	1	1	1	2	0	2	1
74070•	100	ATB	1	1	1	2	0	2	1
72544•	70	MCT	2	2	2	0	0	0	2
72305•	100	ATB	1	1	1	2	0	2	2
74052•	80	ATB	2	2	2	2	0	2	2
74080•	100	TCG	1	1	1	0	0	2	2
74095•	80	TCG	0	0	0	0	1	2	2
74097•	100	TCG	0	0	0	0	1	2	2
15" diameter x 1" Bore									
<i>(Designed for: RYOBI #TS380, HITACHI #C15FB)</i>									
72279•	80	4-1	1	1	1	1	0	1	1
72991•	100	TCG	0	0	0	0	1	0	0
72306•	100	ATB	1	1	1	1	0	2	1

QUALITY OF CUT: 1 = Superior Cut 2 = Average Cut 0 = Not Recommended

• = Golden Eagle®

Some materials will differ in moisture content, density, hardness, machine RPM, feed speed, spindle size, etc.