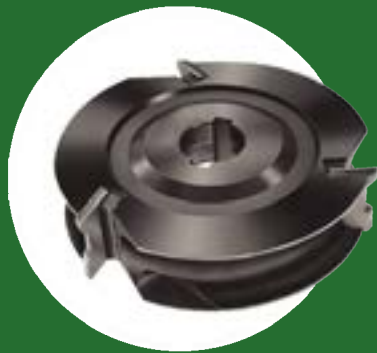


SAW & BLADES CUTTERS



NAPGLADU

Delivering Productivity

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Cutting Tool Engineering and Supply. NAP GLADU specializes in tooling – specifically cutting tools. We provide quality tools at affordable prices. At some point in the manufacturing process, production materials need to be cut, milled, shaped or profiled. With guidance from our Technical Experts, we can help determine the most cost-effective answer for all of your cutting needs. Our representatives can perform in-plant analysis of machines and the materials you are processing – and provide recommendations for increased productivity levels.

Regardless of the difficulty of the job, our Service Representatives can provide a solution that results in a quality tool at a fair price. Exposure gained from nearly 40 years in the business has provided us with the knowledge to aid and improve overall production techniques and ultimately the finished product.

Visit NAP GLADU online at www.napgladu.com to check out our monthly specials and to add your name to our mailing list. You can request helpful literature, find related links or view our comprehensive selection of tools. Our address, fax, and phone number are located on the website for your convenience, as well as a toll free number for Canadian and American customers – or contact our Sales Representatives at any time via email. If you have any questions or concerns, please contact our offices in Toronto or Calgary, or visit our showroom at the Toronto Head Office.



Cutters with Bore: For ripping, cross cutting or sizing, NAP GLADU carries a wide variety of carbide or diamond tipped saw blades, hoggers and cutter heads. The highest quality raw materials combined with state-of-the-art diamond grinding result in precision saw blades which offer superior cutting and durability. Our high speed steel blades are designed for both automatic and manual machines to cut most materials. As the Canadian distributor of Leuco, we offer their full range of hoggers, cutter heads and edge banders for shapers, moulders, double-end tenoners and CNC routers.

Knives: NAP GLADU has cutting knives for every application. From planer knives to lathe knives, we can custom manufacture the knives you require. Knives available include: Tersa, Esta disposable, lathe, sticker, Oertli, planer, corrugated back, notched edge shaper, portable planer, super profiler, turnover, insert, circular and Eco Pro knives. Multiple grades are available, including M2 high speed steel, carbide tipped, stellite and solid carbide.

Bandsaw Blades: NAP GLADU carries a broad range of bandsaw blades including: carbon steel, high speed steel, carbide tipped, millband, pallet band and band knives. Each type of band is available in various widths, gauges, tooth styles, sets and pitches. Applications include metal cutting, woodworking, food processing, resawing, log sawing, plastic, rubber and foam cutting and pallet refurbishing. Contact our sales representatives to discuss your cutting application and determine the appropriate blade for your needs.

Profiling Services: Using sophisticated drafting equipment, our engineers can provide custom profiling of high speed steel, carbide tipped and solid carbide knives – done to your exact specifications. Tool profiles are created from wood samples or drawings using computer-aided drafting to the highest tolerances, ensuring an exact profile tool. NAP GLADU also offers a custom template- making service for those who grind their own knives.

Router Bits and Shank Tools: NAP GLADU offers the industry's largest selection of premium grade carbide tipped router bits for trimming, sizing and profiling. We outfit everything from portable routers to multi-head CNC machines. To provide optimum performance and practical solutions for difficult to rout applications, we offer carbide tipped, solid carbide and high speed steel router bits.

Sharpening Services: NAP GLADU takes pride in offering you the best sharpening service available. Using only the most current technology and equipment available, certified technicians sharpen your saw blades, router bits, cutters, knives, hand tools and metal cutting saw blades to their original specifications.

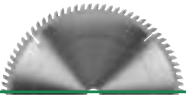
Other Products and Services: In addition to the products mentioned above, NAP GLADU supplies the manufacturing industry with many other quality items and services. We invite you to come and visit our showroom and speak with our knowledgeable sales staff regarding any product you are interested in or cutting problem you may have.

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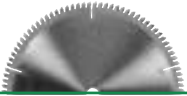
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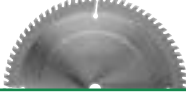
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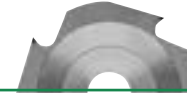
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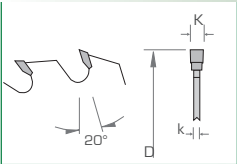
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Standard Rip Saw Blades

Series CA1



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size
CA10824	8	24	.134 3.4	2.2	5/8
CA10924	9	24	.134 3.4	2.2	5/8
CA11024	10	24	.142 3.6	2.5	5/8
CA11224	12	24	.126 3.2	2.2	1
CA11230	12	30	.161 4.1	2.8	1
CA11424	14	24	.170 4.3	3.0	1
CA11430	14	30	.170 4.3	3.0	1
CA11436	14	36	.137 3.5	2.5	1
CA11630	16	30	.170 4.3	3.0	1
CA11636	16	36	.170 4.3	3.0	1
CA11836	18	36	.185 4.7	3.4	1



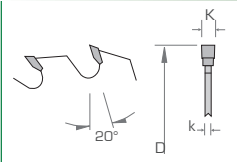
Other bore sizes available upon request

Applications: For cutting along the grain of solid woods. Designed to be used on table, overhead, hand and multi-rip saws – with hand or power feed.

Features: This blade has large aggressive chisel teeth with excellent clearance. Mounted on a heavy, durable saw plate to withstand the toughest ripping without the distortion found in lesser quality blades.

Rip Saw Blades with Chip Restrictors

Series CA6



BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size
CA625016	250	16	.126 3.2	2.2	5/8
CA630020	300	20	.126 3.2	2.2	1
CA635024	350	24	.138 3.5	2.5	1
CA640028	400	28	.138 3.5	2.5	1
CA645032	450	32	.150 3.8	2.8	1
CA650036	500	36	.158 4.0	2.8	1



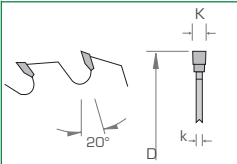
Other bore sizes available upon request

Applications: This blade is designed for use on hand fed ripping operations where kickback may be a problem. However, this style is also good in power feed and multi-rip applications

Features: The same extra strength design as standard rip saws, but an extra shoulder is included between the teeth, which limits the feed, but does not restrict chip removal. This allows for safe, steady feeding, with no overfeeding or jamming.

Gang Rip Saw Blades

Series CA1G



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Key Ways
CA11024G	10	24	.142 3.6	2.4	70	2-20x5
CA11224G	12	24	.157 4.0	2.8	70	2-20x5
CA11430G	14	30	.170 4.3	3.0	70	2-20x5



Other bore sizes available upon request

Applications: Designed to cut along the grain of solid woods on multi-rip saws with power feed.

Features: These blades have large aggressive chisel teeth with excellent clearance. Mounted on a heavy, durable saw plate to withstand the toughest ripping without the distortion found in lesser quality blades.

Series CA6G

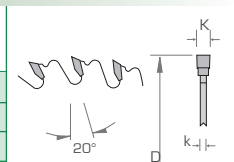
Gang Rip Saw Blades with Chip Restrictors

Applications: To cut along the grain of solid woods where kickback or jamming may be a problem. For use on multi-rip saws with power feed.

Features: The same extra strength design as standard rip saws, but includes an extra shoulder between the teeth, limiting the feed, but not restricting chip removal. This allows for safe, steady feeding, without possibility of overfeeding and jamming.

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Key Ways
CA625024G	250	24	.126 3.2	2.2	70	2-20x5
CA630020G	300	20	.126 3.2	2.2	70	2-20x5
CA635024G	350	24	.138 3.5	2.5	70	2-20x5

Other bore sizes available upon request



Series CA5

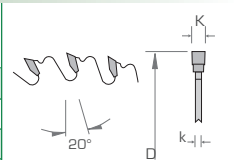
Board Pro Rip Saw Blades

Applications: Kanefusa brand blades, for rip cuts in hard or soft wood using gang rip saws, double arbor saws, etc.

Features: Versatile carbide grade for cutting composite board materials as well as solid wood.

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size
CA50824	203	24	.120 3.0	2.0	15.9
CA51024	254	24	.140 3.6	2.4	15.9
CA51224	305	24	.160 4.0	2.8	25.4
CA51276	305	30	.160 4.0	2.8	25.4
CA51476	356	36	.170 4.3	3.0	25.4

Other bore sizes available upon request



Series CA1P

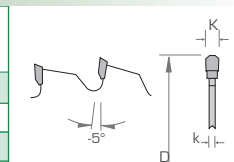
Pallet Stripping Saw Blades

Applications: Specially designed for cutting pallets and other materials where nails, staples, etc. may be encountered.

Features: The heavy duty thick plate on this blade and the large extended shoulders provide maximum strength and support for the cutting teeth. A softer grade of carbide allows the teeth to absorb some of the impact without shattering or chipping.

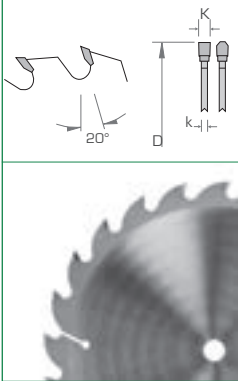
BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size
CA11024P	10	24	.162 4.1	2.35	5/8
CA11224P	12	24	.172 4.5	3.0	1
CA11424P	14	24	.197 5.0	3.4	1
CA11630P	16	30	.197 5.0	3.4	1
CA11636P	16	36	.197 5.0	3.4	1
CA11836P	18	36	.197 5.0	3.4	1
CA12036P	20	36	.197 5.0	3.4	1

Other bore sizes available upon request



Glue Joint Rip Saw Blades

Series CA2



BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size
CA20824	8	24	.134 3.4	2.2	5/8
CA20924	9	24	.134 3.4	2.2	5/8
CA21030	10	30	.145 3.7	2.5	5/8
CA21230	12	30	.137 3.5	2.9	1
CA21436	14	36	.137 3.5	2.5	1
CA21636	16	36	.170 4.3	3.2	1

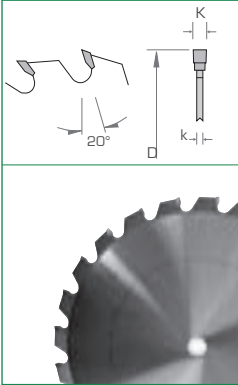
Other bore sizes available upon request

Applications: Designed for hand or power feed ripping in clean dried lumber. This blade will leave a smooth straight cut suitable for gluing without further jointing.

Features: The same heavy duty style as the standard rip saws with the added feature of a triple chip tooth style for the most precise finish.

Emergency Saw Blades

Series CM1



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size
CM11212	12	12	.154	2.6	20
CM11224	12	12	.162	2.8	20
CM11424	14	24	.170	3.0	1"

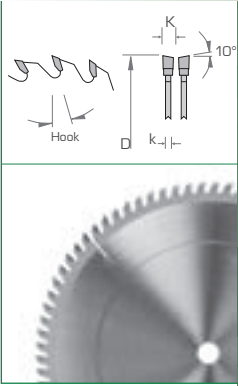
Other bore sizes available upon request

Applications: This blade is designed to cut materials where nails may be a problem. Can also be used as a rescue blade in fire fighting, in roof repairing, or for trailer flooring repairs.

Features: This is a heavy duty blade designed to stand up to the abuse of nails in used lumber. In extreme applications, tooth breakage may occur, but the design is such that a complete retipping is relatively inexpensive and the blade is as good as new.

Cross Cutting Saw Blades – Standard Kerf

Series CB1



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size	Hook Angle
CB10640	6 1/2	40	.118 3.0	1.98	5/8	10°
CB10740	7 1/4	40	.118 3.0	1.98	5/8	10°
CB10848	8	48	.126 3.2	2.2	5/8	10°
CB10860	8	60	.126 3.2	2.2	5/8	5°
CB10948	9	48	.126 3.2	2.2	5/8	10°
CB10960	9	60	.126 3.2	2.2	5/8	5°
CB11048	10	48	.126 3.2	2.2	5/8	10°
CB11060	10	60	.126 3.2	2.2	5/8	10°
CB11080	10	80	.126 3.2	2.2	5/8	5°
CB11248	12	48	.126 3.2	2.2	1	15°
CB11272	12	72	.126 3.2	2.2	1	10°
CB11280	12	80	.138 3.5	2.5	1	5°
CB11210	12	100	.126 3.2	2.2	1	5°
CB11460	14	60	.138 3.5	2.5	1	10°
CB11484	14	84	.138 3.5	2.5	1	10°
CB11410	14	108	.138 3.5	2.5	1	5°

Other bore sizes available upon request

Applications: Designed for cross grain cutting of solid woods or general purpose cutting of composite boards, plywood and single sided veneers. For use on table, radial arm, swing and mitre saws as well as most power fed production machines.

Features: Teeth are alternatively beveled to provide a smooth shearing cut.

Series CB2

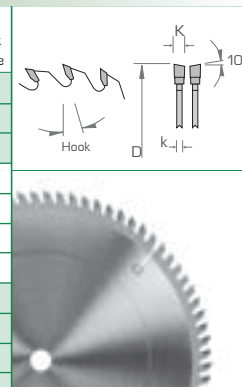
Cross Cutting Saw Blades – Heavy Kerf

Applications: Designed for cross grain cutting of solid woods or general purpose cutting of composite boards, plywood and single sided veneers. For use on table, radial arm, swing and mitre saws as well as most power fed production machines.

Features: Extra heavy kerf for added strength when cutting harder woods, or stacked materials.

BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size	Hook Angle
CB21460	14	60	.158 4.0	3.0	1	10°
CB21480	14	80	.158 4.0	3.0	1	10°
CB21410	14	100	.158 4.0	3.0	1	5°
CB21660	16	60	.158 4.0	3.0	1	10°
CB21680	16	80	.158 4.0	3.0	1	10°
CB21610	16	100	.158 4.0	3.0	1	5°
CB21612	16	120	.158 4.0	3.0	1	5°
CB21860	18	60	.181 4.6	3.4	1	10°
CB21880	18	80	.181 4.6	3.4	1	10°
CB21810	18	100	.181 4.6	3.4	1	10°
CB21812	18	120	.181 4.6	3.4	1	5°
CB22080	20	80	.181 4.6	3.4	1	15°
CB22010	20	100	.181 4.6	3.4	1	10°
CB22012	20	120	.181 4.6	3.4	1	10°

Other bore sizes available upon request



Series CB3

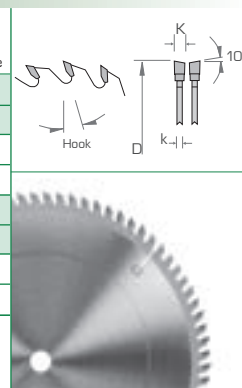
Cross Cutting Saw Blades – Metric

Applications: Designed for cross grain cutting of solid woods or general purpose cutting of composite boards, plywood and single sided veneers. For use on table, radial arm, swing and mitre saws as well as most power fed production machines.

Features: Teeth are alternatively beveled to provide smooth shearing cut.

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (in) Blade Kerf	(mm) Bore Size	Pin Hole Options	Hook Angle
CB322048	220	48	.126 3.2	30	2 7 42	10°
CB322064	220	64	.126 3.2	30	2 7 42	5°
CB325060	250	60	.126 3.2	30	2 7 42	10°
CB325080	250	80	.126 3.2	30	2 7 42	5°
CB330072	300	72	.138 3.5	30	2 10 60	10°
CB330096	300	96	.138 3.5	30	2 10 60	5°
CB335084	350	84	.138 3.5	30	2 10 60	10°
CB335108	350	108	.138 3.5	30	2 10 60	5°

Other bore sizes available upon request



Series CC7

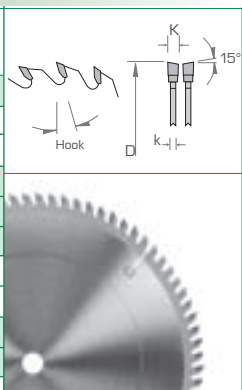
Cross Cutting Saw Blades – Fine

Applications: For fine sizing cuts on single or double sided melamine panels, MDF, OSB and HDF panels with table saws, sliding table saws and vertical panel saws.

Features: Versatile carbide grade for cutting board materials as well as solid wood.

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (in) Blade Kerf	(mm) Bore Size	(mm) Plate
CB50860	203	60	.118 3.0	15.9	2.2
CB51060	254	60	.118 3.0	15.9	2.2
CB51080	254	80	.118 3.0	15.9	2.2
CB51260	305	60	.120 3.0	25.4	2.4
CB51280	305	80	.120 3.0	25.4	2.4
CB51210	305	100	.120 3.0	25.4	2.4
CB51480	356	80	.150 3.8	25.4	2.8
CB51410	356	100	.158 4.0	25.4	2.8
CB51610	406	100	.160 4.0	25.4	3.0
CB51612	406	120	.160 4.0	25.4	3.0
CB51810	457	100	.180 4.6	25.4	3.4
CB51812	457	120	.180 4.6	25.4	3.4
CB52080	508	80	.180 4.6	25.4	3.4
CB52010	508	100	.180 4.6	25.4	3.4
CB52012	508	120	.180 4.6	25.4	3.4

Other bore sizes available upon request

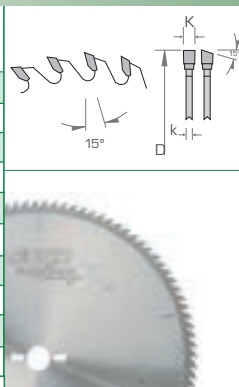


G5 Sizing Saw Blades

Series 102.380

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size
189313	200	65	3.0	2.2	30
189314	240	75	3.0	2.2	30
189216	255	80	3.0	2.2	30
189315	280	85	3.0	2.2	30
189325	303	100	3.2	2.2	30
189217	305	100	3.0	2.2	30
189218	355	100	3.0	2.2	30
189219	405	120	3.0	2.2	30
189224	12"	100	3.0	2.2	1"
189225	14"	100	3.0	2.2	1"

Other bore sizes available upon request



Applications: For chip-free sizing cuts as well as clipping and mitre cuts in wood-based panels, solid woods, and plastic.

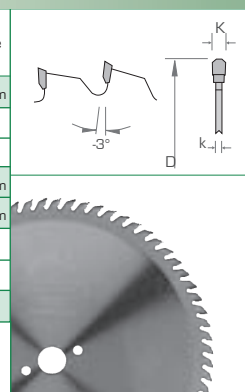
Features: Excellent cutting quality for cross cuts thanks to special tooth geometry, extremely long edge life, and laser ornaments that provide added noise-reduction.

Board Pro Solid Surface Saw Blades

Series CQ7

BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size
CQ522060	220 mm	60	.134 3.4	2.4	30mm
CQ51060	10	60	.125 3.2	2.2	5/8
CQ51080	10	80	.125 3.2	2.2	5/8
CQ530080	300 mm	80	.134 3.4	2.4	30mm
CQ530010	300 mm	100	.134 3.4	2.4	30mm
CQ51280	12	80	.135 3.4	2.4	1
CQ51210	12	100	.135 3.4	2.4	1
CQ51410	14	100	.160 4.1	3.0	1

Other bore sizes available upon request



Applications: Designed for sizing cuts on solid surfaces with beam saws, or table saws.

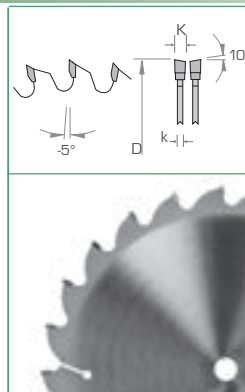
Features: Carbide graded for cutting of board materials with hard lamination.

Series CB5

Radial Arm | Pendulum Saw Blades – Negative Hook

Applications: Designed for cross grain ripping or sizing of solid woods, particle board or plywood; for use on radial arm, swing, mitre or pendulum saws.

Features: The tooth configuration is an alternate top bevel design for smooth cuts. The negative hook angle offers lower resistance, making hand operation easier and safer.



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size
CB61024	10	24	.142 3.6	2.4	5/8
CB61230	12	30	.158 4.0	2.8	1
CB61436	14	36	.165 4.2	3.0	1
CB61640	16	40	.165 4.2	3.0	1

Other bore sizes available upon request

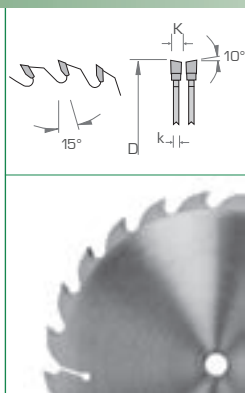


Series CB4

Radial Arm | Pendulum Saw Blades – Positive Hook

Applications: Designed for cross grain ripping or sizing of solid woods, particle board or plywood; for use on radial arm, swing, mitre or pendulum saws.

Features: The alternate top bevel design creates smooth cuts.



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size
CB41024	10	24	.142 3.6	2.4	5/8
CB41230	12	30	.158 4.0	2.8	1
CB41436	14	36	.165 4.2	3.0	1
CB41640	16	40	.165 4.2	3.0	1

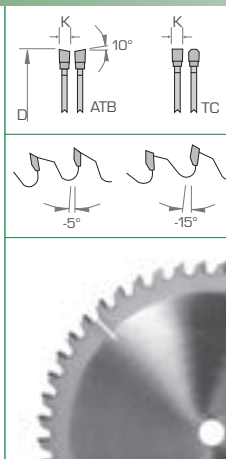
Other bore sizes available upon request

Series CELU

8 1/2" Saw Blades for Sliding Compound Mitre Saws

Applications: Designed specially for sliding compound mitre saws requiring 8 1/2" saw blades.

Features: A wide variety of tooth pitches, hook angles and tooth styles to provide the optimum cut in most materials. For composite boards use the triple chip tooth style; alternate top bevel tooth style for use on solid woods.

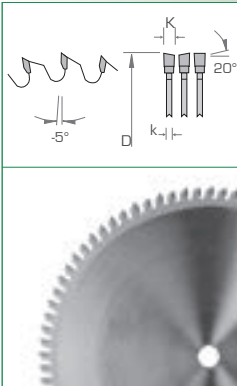


BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	(in) Bore Size	Hook Angle	Tooth Style
CELU8524	8 1/2	24	.126 3.2	5/8	-15°	ATB
CELU8548	8 1/2	48	.126 3.2	5/8	-15°	ATB
CELU8548T	8 1/2	48	.102 2.6	5/8	-5°	TC
CELU8560	8 1/2	60	.126 3.2	5/8	-5°	ATB
CELU8560T	8 1/2	60	.102 2.6	5/8	-5°	TC

Other bore sizes available upon request

Mitre Saw Blades – ATB Style

Series CN1



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in) Blade Kerf	(in) Bore Size	Corresponding Machine
CN10860	8	60	.126 3.2	5/8	-
CN1082560	8 1/4	60	.126 3.2	5/8	Ryobi, B&D
CN10960	9	60	.126 3.2	5/8	-
CN11060	10	60	.126 3.2	5/8	Delta, Makita
CN11080	10	80	.110 2.8	5/8	Delta, Makita
CN11280A	12	80	.126 3.2	5/8	Pistorius, DeWalt
CN11280B	12	80	.138 3.5	1	-
CN11210A	12	100	.126 3.2	5/8	Pistorius, DeWalt
CN11210B	12	100	.138 3.5	1	-
CN11310	13	100	.138 3.5	30 mm	Wegoma, Haffner
CN11410A	14	100	.150 3.8	5/8	Pistorius, DeWalt
CN11410B	14	100	.138 3.5	1	-
CN11510	15	100	.150 3.8	1	Hitachi, Ryobi

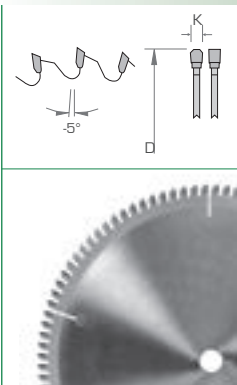
Other bore sizes available upon request

Applications: Mitre cutting of wood moulding and picture frames using either single or double mitre machines.

Features: Similar to a cross cut saw, but includes a straight raker tooth and negative hook angle for smooth cutting of fine mouldings and picture frames on mitre and radial machines.

Mitre Saw Blades – Triple Chip Style

Series CN2



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in) Blade Kerf	Bore Size	Corresponding Machine
CN21010	10	100	.110 2.8	5/8	Delta, Makita
CN21210	12	100	.118 3.0	5/8	Pistorius
CN21310A	13	100	.134 3.4	30 mm	ELU, Haffner
CN21310B	13	100	.134 3.4	32 mm	ELU
CN21510	15	100	.134 3.4	32 mm	Hitachi, Ryobi
CN230096	300 mm	96	.126 3.2	30 mm	DeWalt

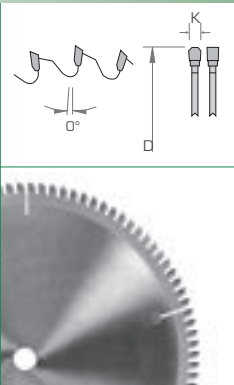
Other bore sizes available upon request

Applications: Designed to cut aluminum, non-ferrous or vinyl material with a maximum wall thickness of 10mm on hand or power fed machines.

Features: A negative hook angle and a triple chip tooth style are designed to resist wearing and will leave a smooth, clear finish.

Mitre Saw Blades

Series CN7



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in) Blade Kerf	Bore Size
CN50860	8	60	.118 3.0	15.9 mm
CN51060	10	60	.118 3.0	15.9 mm
CN51080	10	80	.118 3.0	15.9 mm
CN51010	10	100	.118 3.0	25.4 mm
CN51280	12	80	.120 3.0	25.4 mm
CN51210	12	100	.120 3.0	25.4 mm
CN51410	14	100	.150 3.8	25.4 mm
CN51610	16	100	.160 4.0	25.4 mm
CN51612	16	120	.160 4.0	25.4 mm
CN51810	18	100	.180 4.6	25.4 mm
CN51812	18	120	.180 4.6	25.4 mm
CN52012	20	120	.220 5.6	31.8 mm

Other bore sizes available upon request

Applications: Designed to cut soft and hard-woods, painted mouldings, high-gloss and pre-finished picture frames, and PVC substrates on single or double cut-off miter machines and radial arm saws

Features: Versatile carbide grade for cutting board materials as well as solid wood.

Series CC1

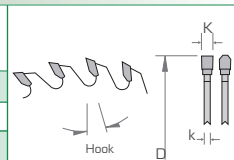
Applications: For cutting veneers, laminates, plywoods, particle boards, plastics and other synthetic materials. This blade provides an excellent resistance to hard, abrasive materials and leaves a smooth finish. For use on any type of hand or power fed machine.

Features: Teeth are precisely ground to very exacting standards so they alternately cut the outside and center of the material, leaving a smooth edge on the top, bottom and both sides.

BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size	Hook Angle
CC10436	4 3/8	36	.110 2.79	1.78	3/8	5°
CC10640	6 1/2	40	.118 3.0	1.98	5/8	10°
CC10740	7 1/4	40	.118 3.0	1.98	5/8	10°
CC10848	8	48	.126 3.2	2.2	5/8	10°
CC10860	8	60	.126 3.2	2.2	5/8	5°
CC10948	9	48	.126 3.2	2.2	5/8	10°
CC10960	9	60	.126 3.2	2.2	5/8	5°
CC11040	10	40	.126 3.0	2.2	5/8	10°
CC11060	10	60	.126 3.2	2.2	5/8	10°
CC11080	10	80	.126 3.2	2.2	5/8	5°
CC11248	12	48	.145 3.7	2.6	1	10°
CC11260	12	60	.145 3.7	2.6	1	10°
CC11280	12	80	.135 3.4	2.4	1	5°
CC11210	12	100	.135 3.4	2.4	1	10°
CC11460	14	60	.138 3.5	2.5	1	10°
CC11480	14	80	.138 3.5	2.5	1	10°
CC11410	14	100	.150 3.8	2.8	1	5°

Other bore sizes available upon request

Triple Chip Saw Blades

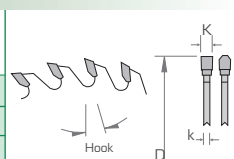


Series CC2

Applications: For cutting veneers, laminates, plywoods, particle boards, plastics and other synthetic materials. This blade provides an excellent resistance to hard, abrasive materials and leaves a smooth finish. For use on any type of hand or power fed machine.

Features: The extra heavy plate and kerf are designed for added strength and shock resistance when cutting hard or stacked materials.

BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size	Hook Angle
CC21460	14	60	.158 4.0	3.0	1	10°
CC21480	14	80	.158 4.0	3.0	1	10°
CC21410	14	100	.158 4.0	3.0	1	5°
CC21660	16	60	.158 4.0	3.0	1	10°
CC21680	16	80	.158 4.0	3.0	1	10°
CC21610	16	100	.158 4.0	3.0	1	5°
CC21612	16	120	.158 4.0	3.0	1	5°
CC21860	18	60	.181 4.6	3.4	1	10°
CC21880	18	80	.181 4.6	3.4	1	10°
CC21810	18	100	.181 4.6	3.4	1	10°
CC21812	18	120	.181 4.6	3.4	1	5°
CC22080	20	80	.181 4.6	3.4	1	15°
CC22010	20	100	.181 4.6	3.4	1	10°
CC22012	20	120	.181 4.6	3.4	1	10°



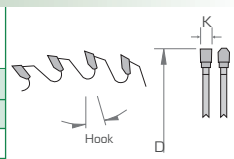
Series CC3

Applications: For cutting veneers, laminates, plywoods, particle boards, plastics and other synthetic materials. This blade provides an excellent resistance to hard, abrasive materials and leaves a smooth finish. For use on any type of hand or power fed machine.

Features: The extra heavy plate and kerf are designed for added strength and shock resistance when cutting hard or stacked materials.

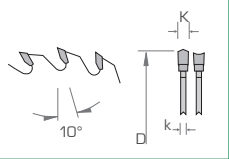
BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	(mm) Bore Size	Pin Hole Options	Hook Angle
CC322048	220	48	.126 3.2	30	2 7 42	10°
CC322064	220	64	.126 3.2	30	2 7 42	5°
CC325060	250	60	.126 3.2	30	2 7 42	10°
CC325080	250	80	.126 3.2	30	2 7 42	5°
CC330072	300	72	.138 3.5	30	2 10 60	10°
CC330096	300	96	.138 3.5	30	2 10 60	5°
CC335084	350	84	.138 3.5	30	2 10 60	10°
CC335108	350	108	.138 3.5	30	2 10 60	5°

Other bore sizes available upon request



Melamine Saw Blades – Hollow Ground Style

Series CJ2



BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Width	(in) Bore Size
CJ222042	220	42	.126 3.2	2.2	5/8
CJ225048	250	48	.126 3.2	2.2	5/8
CJ230060	300	60	.126 3.2	2.2	1
CJ235072	350	72	.138 3.5	2.5	1
CJ240084	400	84	.138 3.5	2.5	1

Other bore sizes available upon request

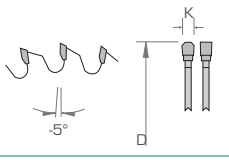


Applications: This blade is for cutting double sided laminates on a table saw when it is not possible to use a scoring blade. Designed to produce a chip free cut on the top and bottom. An excellent blade for vertical panel saws.

Features: This blade has a hollow ground tooth face that is sharpened on special equipment to eliminate chipping. This style is designed to do the same work as Series CJ1; personal preference will determine which tooth configuration to use.

Melamine Saw Blades – Triple Chip Style

Series CJ3



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	(in) Bore Size	Pin Hole Options
CJ30860	8	60	.126 3.2	5/8	-
CJ30960	9	60	.126 3.2	5/8	-
CJ31080	10	80	.126 3.2	5/8	-
CJ31210	12	100	.138 3.5	1	-
CJ31410	14	100	.138 3.5	1	-
CJ31610	16	100	.165 4.2	1	-
CJ31612	16	120	.165 4.2	1	-
CJ31812	18	120	.181 4.6	1	-
CJ32012	20	120	.181 4.6	1	-
CJ322064	220 mm	64	.126 3.2	30 mm	2 7 42
CJ325080	250 mm	80	.126 3.2	30 mm	2 7 42
CJ330096	300 mm	96	.138 3.5	30 mm	2 10 60

Other bore sizes available upon request



Applications: This blade is recommended for chip free top and bottom cuts. For use on double sided melamine when the use of a scoring unit is not possible.

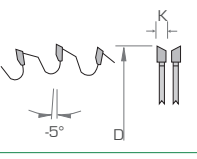
Features: The triple chip tooth design and a negative hook allow for smooth cuts in laminated materials.

Board Pro high-ATB Saw Blades

Series CJ7

BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	(in) Bore Size	Pin Hole Options
CJ50860	8	60	.118 3.0	5/8	-
CJ51080	10	80	.118 3.0	5/8	-
CJ51210	12	100	.126 3.2	1	-
CJ51410	14	100	.126 3.2	1	-
CJ51610	16	120	.155 3.9	1	-
CJ522064	220 mm	64	.126 3.2	30 mm	2 7 42
CJ525080	250 mm	80	.126 3.2	30 mm	2 10 60
CJ5300100	300 mm	100	.126 3.2	30 mm	2 10 60

Other bore sizes available upon request




Applications: This blade is for chip free sizing cuts without a scoring saw on single or double sided melamine or veneered panels with vertical panel saws or table saws.

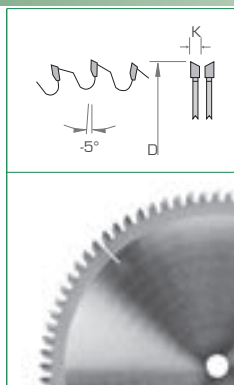
Features: Carbide graded for cutting board materials as well as solid wood.

Series CJ1

Melamine Saw Blades – ATB Style

Applications: This blade is for cutting double sided laminates on a table saw when it is not possible to use a scoring blade. Designed to produce a chip free cut on the top and bottom. May also be used in plastic cutting.

Features: Each tooth on this blade is made of abrasive resistant carbide and is ground to very sharp top and face angles alternately. This blade is not to be used for cutting solid woods.



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	(in) Bore Size	Pin Hole Options
CJ10960	9	60	.118 3.0	5/8	-
CJ11080	10	80	.118 3.0	5/8	-
CJ11210	12	100	.130 3.3	1	-
CJ11410	14	100	.130 3.3	1	-
CJ122064	220 mm	64	.118 3.0	30 mm	2 7 42
CJ125080	250 mm	80	.118 3.0	30 mm	2 7 42
CJ130096	300 mm	96	.130 3.3	30 mm	2 10 60

Other bore sizes available upon request



Series CY1

Inverted-V Sizing Saw Blade, for laminated panel materials.

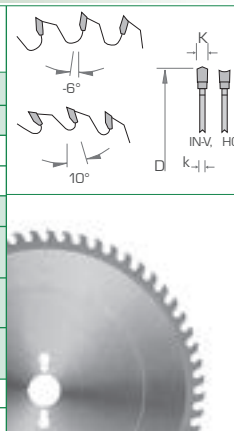
Applications: For use on table saws or vertical panel saws to make sizing cuts in plastic laminated panel materials.

Features: Use a positive hook angle for cuts with the grain, and a negative for cuts against the grain, both styles have an inverted-v, hollow ground tooth configuration. Designed for use in plastic and solid wood profile strips on chop and miter saws. This blade has an extremely straight steel plate for Striebig and Schneeberger panel sizing saws with scoring devices.

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Hook Angle	Pin Holes
169934	220	42	3.2	2.2	30	-6°	2 7 42
169737	220	42	3.2	2.2	30	10°	2 7 42
188223	250	48	3.2	2.2	30	-6°	2 7 42
188221	250	48	3.2	2.2	30	10°	2 7 42
188941 *	303	60	3.2	2.2	30	10°	2 7 42
188356 **	303	60	3.2	2.2	30	10°	2 7 42 2 10 60
169739	303	60	3.2	2.2	30	-6°	2 7 42 2 10 60
169738	303	60	3.2	2.2	30	10°	2 7 42 2 10 60
188224	350	72	3.5	2.5	30	-6°	2 10 60
172498	350	72	3.5	2.5	30	10°	2 10 60
188407	400	84	3.5	2.5	30	10°	2 10 60
188222	400	84	3.5	2.5	35	10°	2 10 60

*with chamfer

**made for Striebig and Schneeberger panel sizing saws



Series CL1

Double End Trim Saw Blades

Applications: For sizing and trimming of all types of wood and particle board on a double end tenoner.

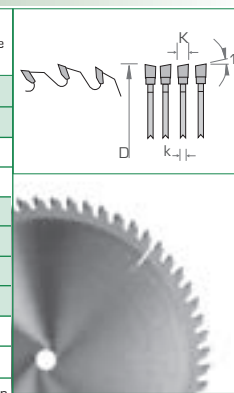
Features: These blades are available in left and right hand rotation. Four teeth are beveled from the finish side plus one raker tooth, which guarantees a smooth chip-free finish – top and bottom.

BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size
CL11060R	10	60	.157 4.0	2.8	5/8
CL11060L	10	60	.157 4.0	2.8	5/8
CL11280R	12	80	.165 4.2	3.0	1
CL11280L	12	80	.165 4.2	3.0	1
CL11480R	14	80	.173 4.4	3.2	1
CL11480L	14	80	.173 4.4	3.2	1
CL11410R	14	100	.173 4.4	3.2	1
CL11410L	14	100	.173 4.4	3.2	1
CL11610R	16	100	.181 4.6	3.4	1
CL11610L	16	100	.181 4.6	3.4	1

L Left Hand Rotation

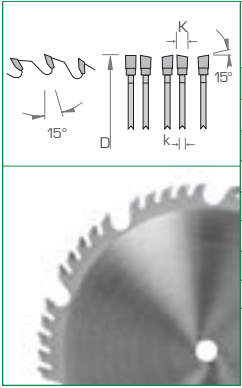
R Right Hand Rotation

Other bore sizes available upon request



Combination Saw Blades

Series CE1



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size
CE10740	7 1/4	40	.125 3.2	2.0	5/8
CE10840	8	40	.125 3.2	2.0	5/8
CE10940	9	40	.125 3.2	2.2	5/8
CE11050	10	50	.125 3.2	2.2	5/8
CE11260	12	60	.125 3.2	3.1	1
CE11470	14	70	.161 4.1	3.0	1
CE11680	16	80	.165 4.2	3.0	1
CE11890	18	90	.180 4.6	3.4	1

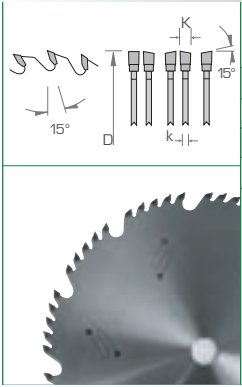
Other bore sizes available upon request

Applications: Designed for general purpose wood cutting. Excellent for table and radial arm saws where it is not feasible to change blades all the time. Cuts equally well when ripping, cross cutting or sizing unfinished particle board.

Features: Four top beveled cutting teeth followed by a straight raker tooth and a large gullet provide a clean finish with excellent chip removal. This is an extra heavy duty blade, designed to withstand tough ripping.

Multiuse Combination Blades

Series CE7



BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size
CE50940	229	40	.125 3.2	2.2	5/8
CE51050	254	50	.135 3.4	2.4	5/8
CE51260	305	60	.155 3.9	2.8	1
CE51470	356	70	.165 4.2	3.0	1

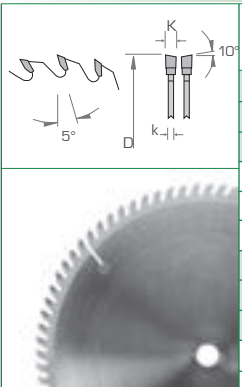
Other bore sizes available upon request

Applications: For cross cutting and ripping of soft and hard wood on table saws, sliding tables, and cut-off saws.

Features: Versatile carbide grade for cutting board materials as well as solid wood.

Thin Kerf Saw Blades – ATB Style

Series CF1



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size
CF10834	8	34	.090 2.3	1.6	5/8
CF10864	8	64	.094 2.4	1.6	5/8
CF10880	8	80	.086 2.2	1.55	5/8
CF11040	10	40	.090 2.3	1.6	5/8
CF11080	10	80	.094 2.4	1.6	5/8
CF11010	10	100	.086 2.2	1.55	5/8
CF11248	12	48	.090 2.3	1.6	1
CF11296	12	96	.094 2.4	1.6	1
CF11212	12	120	.086 2.2	1.55	1
CF11454	14	54	.090 2.3	1.6	1
CF114108	14	108	.090 2.3	1.6	1

Other bore sizes available upon request

Applications: Designed to cut thin plastics and extra fine wood. In plastics, this blade offers a very smooth low resistance cut with little material waste.

Features: The thin plate and an extremely precise tooth grind combine to offer a very satisfactory cut. Tooth pitch is very low allowing for smooth single sheet cutting.

Series CF2

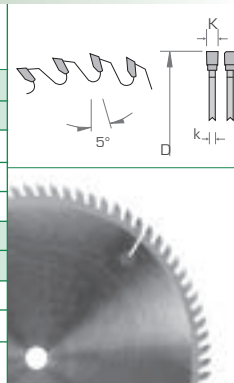
Thin Kerf Saw Blades – Triple Chip Style

Applications: Designed for extra fine wood cutting and smooth cutting in laminates and thin plastics.

Features: The extra heavy plate and kerf on this blade provide added strength and shock resistance when cutting hard or stacked materials.

BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size
CF20834	8	34	.090 2.3	1.6	5/8
CF20864	8	64	.094 2.4	1.6	5/8
CF21040	10	40	.090 2.3	1.6	5/8
CF21080	10	80	.094 2.4	1.6	5/8
CF21010	10	100	.094 2.4	1.6	5/8
CF21248	12	48	.090 2.3	1.6	1
CF21296	12	96	.094 2.4	1.6	1
CF21454	14	54	.090 2.3	1.6	1
CF214108	14	108	.090 2.3	1.6	1

Other bore sizes available upon request



Series CH1

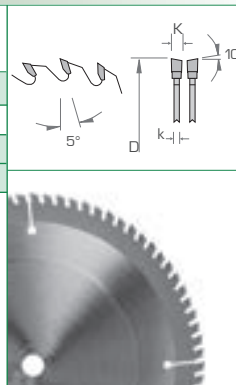
Thin Rim Saw Blades – ATB Style

Applications: Designed to cut plastics and thin woods or veneers. This blade has less kerf loss and a very low resistance, which provides smooth feed and melt free plastic cutting.

Features: This blade has the same features as the thin kerf blades (CF1, page 12) except the cut will not be as deep. The thicker, stronger body is an added feature for use when large collars are not available.

BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size	(in) Depth to Rim
CH10860	8	60	.088 2.2	.095	5/8	2
CH11080	10	80	.088 2.2	.095	5/8	2
CH11280	12	80	.095 2.4	.095	1	2
CH11210	12	100	.095 2.4	.095	1	2

Other bore sizes available upon request



Series CH2

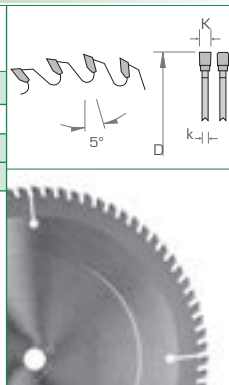
Thin Rim Saw Blades – Triple Chip Style

Applications: Designed to cut plastics and thin woods or veneers. This blade has less kerf loss and a very low resistance, which provides smooth feed and melt-free plastic cutting.

Features: The triple chip tooth design is precision ground to facilitate excellent cuts in plastics, fine woods and laminates. A thin tooth design reduces cutting resistance and kerf loss.

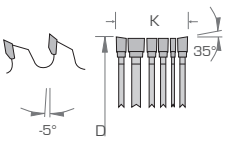
BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(in) Bore Size	(in) Depth to Rim
CH20860	8	60	.088 2.2	.095	5/8	2
CH21080	10	80	.088 2.2	.095	5/8	2
CH21280	12	80	.095 2.4	.095	1	2
CH21210	12	100	.095 2.4	.095	1	2

Other bore sizes available upon request



Standard Dado Sets

Series CG1



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	Filler Tooth	K (in) Max Width	(in) Bore Size
CG10616A	6	16	2	13/16	5/8
CG10824A	8	24	2	13/16	5/8
CG10824B	8	24	2	13/16	1
CG11024A	10	24	2	13/16	5/8
CG11024B	10	24	2	13/16	1
CG11224A	12	24	2	13/16	1

Other bore sizes available upon request

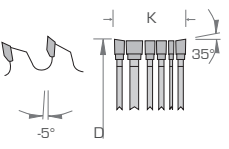


Applications: For grooving or tenoning solid woods in various widths from 1/4" to 13/16" (or wider with extra fillers). For use on table or overhead saws.

Features: Two outside cutters and four inside cutters of various thicknesses provide any desired groove width. All cutters are matched for a smooth finish. Outside cutters are tapered for chip free clean edges.

Fine Cutting Dado Sets

Series CG2



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	Filler Tooth	K (in) Max Width	(in) Bore Size
CG20624A	6	24	2	13/16	5/8
CG20846A	8	46	2	13/16	5/8
CG20846B	8	46	2	13/16	1
CG21058A	10	58	2	13/16	5/8
CG21058B	10	58	2	13/16	1
CG21260A	12	60	2	13/16	1

Other bore sizes available upon request

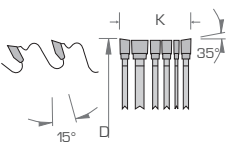


Applications: This blade is designed for grooving or tenoning veneers, composite boards, melamine and laminates from 1/4" to 13/16," or wider with extra fillers. For use on table and overhead saws.

Features: Two fine tooth outside cutters and four inside cutters of various thicknesses provide a chip free finish in any desired width of groove.

Dado Sets with Chip Limiters

Series CG3



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	Filler Tooth	K (in) Max Width	(in) Bore Size
CG30618A	6	18	2	13/16	5/8
CG30824A	8	24	2	13/16	5/8
CG30824B	8	24	2	13/16	1

Other bore sizes available upon request



Applications: Designed for grooving or tenoning solid woods in various widths from 1/4" to 13/16" (or wider with extra fillers).

Features: Chip limiters remove smaller chips from the cut, resulting in a finer finish and reduced motor overloading. Kickback is prevented.

Series CG

Dado Accessories

Spare Dado Saw Blades					
Tool Number		(in) Blade Diameter	Tooth Count	(in) Bore Size	Blade Style
Right Hand	Left Hand				
CGS106AR	CGS106AL	6	16	5/8	Standard
CGS306AR	CGS306AL	6	18	5/8	Chip Limiter
CGS206AR	CGS206AL	6	24	5/8	Fine
CGS108AR	CGS108AL	8	24	5/8	Standard
CGS108BR	CGS108BL	8	24	1	Standard
CGS308AR	CGS308AL	8	24	5/8	Chip Limiter
CGS308BR	CGS308BL	8	24	1	Chip Limiter
CGS208AR	CGS208AL	8	46	5/8	Fine
CGS208BR	CGS208BL	8	46	1	Fine
CGS110AR	CGS110AL	10	24	5/8	Standard
CGS110BR	CGS110BL	10	24	1	Standard
CGS210AR	CGS210AL	10	58	5/8	Fine
CGS210BR	CGS210BL	10	58	1	Fine
CGS112BR	CGS112BL	12	36	1	Standard
CGS212BR	CGS212BL	12	60	1	Fine
Dado Shim Set					
DADOSHIM (set of 14) 4 of .002", 2 of .005", 4 of .010", 4 of .020"					
Spare Dado Fillers					
1/16" Blade Kerf	1/8" Blade Kerf	1/4" Blade Kerf	(in) Blade Diameter	(in) Bore Size	
CGF06116A	CGF0618A	CGF0614A	6	5/8	
CGF306116A	CGF30618A	CGF30614A	6 (Chip Limiter)	5/8	
CGF08116A	CGF0818A	CGF0814A	8	5/8	
CGF08116B	CGF0818B	CGF0814B	8	1	
CGF308116A	CGF30818A	CGF30814A	8 (Chip Limiter)	5/8	
CGF308116B	CGF30818B	CGF30814B	8 (Chip Limiter)	1	
CGF10116A	CGF1018A	CGF1014A	10	5/8	
CGF10116B	CGF1018B	CGF1014B	10	1	
CGF12116B	CGF1218B	CGF1214B	12	1	

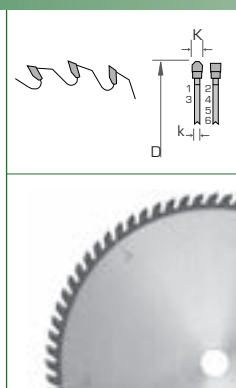


Series 104.388

Panel Sizing Saw Blades - G6

Applications: Designed for sizing cuts in plastic laminated composite boards. For use on panel sizing saws and in combination with large hoggers on double-end tenoners. This blade is specifically designed for plastic laminated panel materials and plywood in single sheets and stacks.

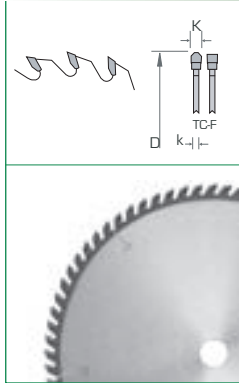
Features: The tooth configuration for this blade is a triple chip, flat cut.



BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Pin Holes	Corresponding Machine(s)
189194	350	72	4.4	3.0	72	2 10 60	SCM, Panhans Mayer, Schelling
189193	350	72	4.4	3.2	72	2 14 100	Holzma 72, HPP350
189171	380	72	4.8	3.5	60	2 14 100 2 14 125	Holzma
189166	400	72	4.4	3.2	30	-	Schelling, Mayer Inion, Scheer
189162	400	72	4.4	3.2	75	4 15 105	Giben Prismatic 1 Giben Starmatic Homag CH08+12
189142	450	72	4.8	3.5	60	2 19 120 2 14 125	Holzma

Panel Sizing Saw Blades, for laminated panel materials. ø355-620

Series CP1



Saw Blade Selection Guide, for horizontal panel sizing saws, pages 121-124

BC Saw Tool Number	D (mm) Blade	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Pin Holes	Corresponding Machine(s)
189206	240	54	3.2	2.2	30	2 7 42	-
189202	300	72	4.4	3.0	75	-	Homag, Espana
189201	305	60	3.2	2.2	30	-	Scheer FM 16
189199	305	60	4.4	2.8	30	-	Mayer, Panhans
189198	305	60	4.4	2.8	60	-	Zerspaner
189197	320	60	4.4	3.2	65	2 9 110	Biesse, Selco EB 80
189196	320	72	4.4	3.2	75	3 13 95	Giben Smart
189190	350	60	4.4	3.0	75	-	Giben MK Gamma
189191	350	72	4.4	3.0	30	2 10 60	SDM, Panhans, Mayer, Schelling
189192	350	72	4.4	3.2	60	2 14 100	Holzma 72, HPP 350
189184	355	60	4.4	3.0	75	-	Giben Trend, Homag CH06+10
189183	355	72	4.4	3.0	75	-	Giben
189180	355	72	4.4	3.0	80	-	SMA, Zerspaner
189181	355	72	4.4	3.0	80	4 8.5 100 2 14 110 2 7 110	Gabbiani PRIMA, Scm ALPHA
189178	360	72	4.4	3.2	65	2 9 110	Selco
189173	380	72	4.4	3.2	60	2 14 100 2 14 125	Holzma
189170	380	72	4.8	3.5	60	2 14 100	Holzma
189168	400	72	4.25	3.2	30	-	Scheer
189165	400	72	4.4	3.2	30	-	Schelling, Mayer, Inion, Scheer
189164	400	72	4.4	3.2	60	-	Anthon
189161	400	72	4.4	3.2	75	4 15 105	Giben Prismatic 1, Giben Staromatic, Homag CH06+12
189158	400	72	4.4	3.2	80	2 7 110 4 19 120 2 8.4 130	Selco WN, EB S.M.A, Inion
189157	400	72	4.8	3.5	60	-	Holzma Type 01
189167	400	96	4.4	3.2	30	-	-
189155	420	72	4.8	3.5	60	2 10 80 2 14 125	Holzma
189154	430	72	4.4	3.2	30	-	-
189153	430	72	4.4	3.2	60	1 11 85	Anthon
189149	430	72	4.4	3.2	80	4 19 120 2 8.4 130	Selco WN
189151	430	96	4.4	3.2	75	4 15 105	Giben Prismatic 2 alt
189148	450	72	4.4	3.2	30	-	Inion, Schelling
189141	450	72	4.8	3.5	60	2 10 80 2 14 125	Holzma
189145	450	72	4.4	3.2	80	2 7 110 2 8.3 130	SMA, Inion
189138	450	72	4.8	3.5	80	4 19 120 2 8.4 130	Selco WN
189137	460	72	4.4	3.2	30	2 13 94	Schelling FL, FH6
189136	470	96	4.4	3.2	75	4 15 105	Giben Prismatic 3
189135	480	80	4.4	3.2	30	-	Schelling FL
189242	480	72	4.8	3.5	60	2 11 115 2 19 120	Holzma 530
189134	480	72	4.8	3.5	80	4 19 120 2 8.4 130	Selco WN
189243	480	48	4.8	3.5	60	2 11 115 2 19 120	Holzma 530
189133	500	60	4.4	3.2	30	-	Schelling, Inion
189130	500	72	4.8	3.5	60	2 11 115	Holzma Type 22
189132	500	72	4.4	3.2	80	-	SMA, Teutomatic
189227	520	60	4.8	3.5	72	2 11 115 2 19 120	Holzma Type 23
189228	520	60	4.8	3.5	60	2 11 115 2 19 120	Holzma

Applications: Designed for sizing cuts in plastic laminated composite boards. For use on panel sizing saws and in combination with large hoggers on double-end tenoners. This blade is specifically designed for plastic laminated panel materials and plywood in single sheets and stacks.

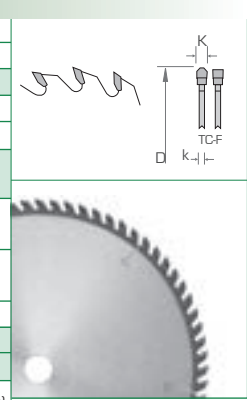
Features: The tooth configuration for this blade is a triple chip, flat cut.

Series CP1

Panel Sizing Saw Blades, for laminated panel materials. ø355-620

Continued from previous page.

189128	530	60	5.0	3.5	30	-	Schelling
189127	530	60	5.8	4.0	60	1 11 85	Anthon
189126	550	72	5.0	3.5	100	-	Giben
189124	565	72	5.0	3.5	100	-	Giben
189125	565	60	5.0	3.5	100	-	Giben
189123	570	60	4.8	3.5	60	2 11 115 2 19 120	Holzma
189121	600	72	5.8	4.0	60	2 11 115 2 19 120	Holzma Type 42
189226	600	60	5.8	4.0	60	2 11 115 2 19 120	Holzma 33 / 42
189120	600	60	6.0	4.0	80	-	S.M.A.
189118	650	72	6.2	4.0	40	-	Schelling
189119	650	60	6.2	4.0	40	-	Schelling
189117	670	48	6.0	4.4	60	2 11 148 2 19 120	Holzma 66 (Tandem)
189210	680	60	6.4	4.4	40	2 17 140 2 13 140	Schelling AS
189209	700	60	6.4	4.4	80	2 17 110	Anthon
189208	720	60	6.4	4.4	40	2 13 114 2 13 140	Schelling
189116	730	60	6.4	4.4	60	2 19 120 2 11 148	Holzma 66 (Tandem)
189207	730	60	6.4	4.4	80	2 17 110	Anthon LNC



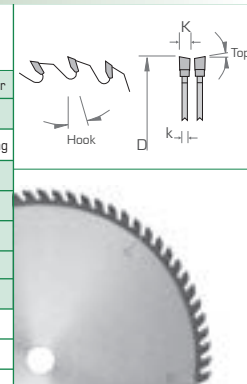
Series 103.320

Panel Sizing Saw Blades, for raw and veneered material.

Applications: Designed for sizing cuts in panel materials, raw or veneered, for use on panel sizing saws, or in with large hogs on double-end tenoners. This blade is designed specifically for raw particleboard, veneered particleboard, hard fiberboard, MDF panels and high-density plywood in single sheets and stacks.

Features: This blade has an ATB tooth configuration.

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Hook Angle	Top Angle	Corresponding Machine(s)
188498	305	48	4.4	2.8	30	10°	15°	Mayer, Panhans, hogger
188499	305	48	4.4	2.8	60	10°	15°	Zerspaner
188503	350	54	4.4	3.0	30	10°	15°	SCM, Panhans, Schelling
188506	355	72	4.4	3.0	30	10°	15°	Schelling, Mayer, Irion
188504	355	54	4.4	3.0	60	10°	15°	hogger
188507	355	72	4.4	3.0	60	10°	15°	hogger
188505	355	54	4.4	3.0	80	10°	15°	SMA, Zerspaner
188508	355	72	4.4	3.0	80	10°	15°	SMA
188509	400	60	4.6	3.2	30	15°	10°	Schelling, Mayer, Irion
188511	400	72	4.6	3.2	30	15°	10°	Schelling, Mayer, Irion
188510	400	60	4.6	3.2	80	15°	10°	SMA
188512	400	72	4.6	3.2	80	15°	10°	SMA
188513*	430	72	4.6	3.2	75	15°	10°	Giben Prismatic 2
188514	430	72	4.6	3.2	80	15°	10°	SMA, hogger
188515	450	54	4.6	3.2	30	15°	10°	Panhans, Irion, Schelling
188516	450	72	4.6	3.2	80	15°	10°	SMA, Irion
188517	500	60	4.6	3.2	30	15°	10°	Schelling, Irion
188518	500	60	4.6	3.2	80	15°	10°	Teutomatic
188519	550	48	5.0	3.5	40	15°	10°	Schelling
188521	550	60	5.0	3.5	80	15°	10°	Teutomatic
188556**	680	60	6.2	4.2	40	15°	10°	-

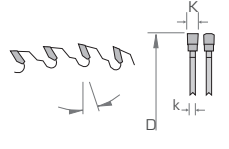


* Pin Holes - 4|15|105
** Pin Holes - 1|17|140

Saw Blade Selection Guide, for horizontal panel sizing saws, pages 121-124

Panel Sizing Saw Blades

Series 104.370

	BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Pin Holes	Corresponding Machine[s]
	189128	530	60	5.0	3.5	30	-	Schelling
	189127	530	60	5.8	4.0	60	1 11 85	Anthor
	189125	565	60	5.0	3.5	100	-	Giben
	189123	570	60	4.8	3.5	60	2 11 115	Holzma
	189122	600	60	5.8	4.0	60	2 11 115 2 19 120	Holzma 33 42
	189120	600	60	6.2	4.0	80	-	SMA
	188882	630	60	6.2	4.0	80	1 17 110 2 11 130	Anthor SMA
	189119	650	60	6.2	4.0	40	-	Schelling
	188903	670	60	5.8	4.0	60	2 11 148 2 19 120	Holzma 61

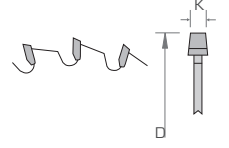
Saw Blade Selection Guide, for horizontal panel sizing saws, pages 121-124

Applications: Designed to make sizing cuts in panel materials. For use on horizontal panel sizing saws to cut raw particle boards, plastic coated panel boards and MDF, with a stack height up to a maximum of 210mm.

Features: This blade has a triple chip, flat tooth configuration.

Tapered Style Scoring Saw Blades

Series CS2

	BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (in mm) Blade Kerf Range	Bore Size
	CS20816B	80	16	.122-.161 3.1-4.1	20mm
	CS21024D	100	24	.122-.161 3.1-4.1	1"
	CS21025B	100	24	.134-.173 3.4-4.4	20mm
	CS21026B	100	24	.154-.193 3.9-4.9	20mm
	CS21124B	110	24	.134-.173 3.4-4.4	20mm
	CS21125B	110	24	.154-.193 3.9-4.9	20mm
	CS211524B	115	24	.134-.173 3.4-4.4	20mm
	CS211525B	115	24	.154-.193 3.9-4.9	20mm
	CS21224A	120	24	.134-.173 3.4-4.4	3/4"
	CS21224B	120	24	.134-.173 3.4-4.4	20mm
	CS21225A	120	24	.154-.193 3.9-4.9	3/4"
	CS21225B	120	24	.154-.193 3.9-4.9	20mm
	CS21226B	120	24	.173-.213 4.4-5.4	20mm
	CS212524A	125	24	.134-.173 3.4-4.4	3/4"
	CS212524B	125	24	.134-.173 3.4-4.4	20mm
	CS212524C	125	24	.134-.173 3.4-4.4	22mm
	CS212525B	125	24	.154-.193 3.9-4.9	20mm
	CS212526B	125	24	.173-.213 4.4-5.4	20mm
	CS21524B	150	24	.134-.173 3.4-4.4	20mm
	CS21525B	150	24	.154-.193 3.9-4.9	20mm
	CS21526B	150	24	.173-.213 4.4-5.4	20mm
	CS21536B	150	36	.126-.165 3.2-4.2	20mm
	CS21537B	150	36	.157-.197 4.0-5.0	20mm
	CS21538B	150	36	.173-.213 4.4-5.4	20mm

Other bore sizes available upon request

Applications: This blade is for scoring (scribing) the underside of double sided veneers on panel saws, double end tenoners and table saws with scoring attachments. This blade eliminates bottom chipping when cutting either single panels or multiple stacked sheets. For use with our CC series blades on pages 11 & 15.

Features: A trapezoidal tooth design for panel or table saws where the width of the cut is altered by adjusting the height of the blade.

Series 205.091

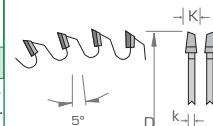
Diamond Scoring Saw Blades

Applications: Designed for chip-free scoring of melamine, paper, or HPL laminated products.

Features: This blade has conical / alternate top bevel tooth configuration.

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Corresponding Machine(s)
178766	120	16	3.1-3.9	2.2	22	Altendorf, Martin

Other blades available in diamond built to order. Contact our sales dept.



Series 205.090

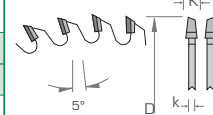
Diamond Scoring Saw Blades

Applications: Designed for chip-free scoring of melamine, paper, or HPL laminated products.

Features: This blade has conical / alternate top bevel tooth configuration.

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Corresponding Machine(s)
173676	125	20	4.8-5.6	4.0	22	Martin
173677	125	20	4.8-5.6	4.0	45	Giben
173680	160	20	4.4-5.2	4.0	45	Giben Prismatic 1
173681	180	20	4.8-5.6	4.0	20	Anthony
173682	180	20	4.4-5.2	4.0	30	Panhans
173683	200	20	4.8-5.6	4.0	45	Holzma
173684	215	20	4.4-5.2	4.0	50	Giben Prismatic 1

Other blades available in diamond built to order. Contact our sales dept.



Series 205.082

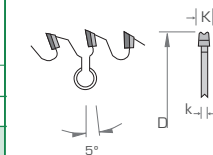
Diamond Scoring Saw Blades

Applications: Designed for chip-free scoring of melamine, paper, or HPL laminated products.

Features: This blade has hollow back tooth geometry with chamfer.

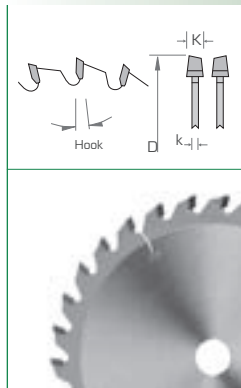
BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	Pin Holes	Corresponding Machine(s)
182283	180	36	4.8-5.6	3.5	-	Holzma
189234	180	36	4.4-5.2	3.2	-	Holzma
189232	200	36	4.4-5.2	3.2	-	Schelling
189231	200	36	4.8-5.6	3.5	-	Holzma
189230	200	36	4.4-5.2	3.2	2/8/100 2/8.4/110	Selco
189233	200	36	4.8-5.6	3.5	2/8.4/110	Selco WN/EB

Other blades available in diamond built to order. Contact our sales dept.



Scoring Saw Blades, for laminated panel materials.

Series 105.390



BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Hook Angle	Pin Holes	Corresponding Machine(s)
188527	100	20	3.2-4.0	2.2	20	8°	-	Schelling
188577	120	24	3.2-4.0	2.8	20	8°	-	Lasari
188532	125	20	4.4-5.2	3.2	20	0°	-	Panhans
188533	125	20	4.4-5.2	3.2	22	0°	-	Martin
188534	125	20	4.4-5.2	3.2	45	0°	-	Giben, Homag CH03
188535	125	20	4.65-5.4	3.2	45	0°	-	Giben
181994	125	24	3.0-3.8	2.2	20	8°	-	-
188576	125	24	3.2-4.0	2.8	20	8°	-	SCM SICAR, Panhans
188888	125	24	4.4-5.2	3.2	45	8°	-	Homag Espana
189304	125	24	3.1-4.3	2.2	20	8°	-	SCM, SICAR, Panhans
188536	140	32	3.2-4.0	2.2	16	8°	2 7.5 31.5	Scheer
188537	150	24	4.4-5.2	3.2	20	8°	-	Schelling
188538	150	24	4.4-5.2	3.2	30	8°	-	Inion, Mayer
188630	150	24	4.4-5.2	3.2	45	8°	-	Homag CH06,08,10,12
188885	150	28	4.4-5.2	3.2	45	8°	-	Homag Espana
188540	160	28	4.4-5.2	3.2	45	8°	3 11 70	Giben Prismatic
188541	160	36	4.4-5.2	3.2	55	8°	3 6.5 66	Gabbiani
188542	175	28	4.8-5.6	3.2	45	8°	-	Holzma
188545	180	30	4.4-5.2	3.2	20	8°	-	Schelling, Anthon
188548	180	30	5.8-6.6	4.0	20	8°	-	Anthon
189235	180	30	6.7-7.5	4.4	20	8°	-	Anthon
188546	180	30	4.4-5.2	3.2	30	8°	-	Panhans
188547	180	30	5.2-6.0	3.5	55	0°	-	Giben
188954	180	36	4.4-5.2	3.2	45	8°	-	Holzma
188550	180	36	4.8-5.6	3.5	45	8°	-	Holzma Type 11
188544	180	42	3.2-4.0	2.2	16	8°	2 7.5 31.5	Scheer
189268	180	36	4.4-5.2	3.2	45	8°	-	Holzma
189264	180	36	4.8-5.6	3.5	45	8°	-	Holzma type 11
188552	200	24	4.3-5.1	6.0	20	8°	-	Schelling
188557	200	34	5.0-5.8	3.5	20	8°	-	Schelling
189236	200	34	6.7-7.5	4.5	20	8°	-	Schelling
188597	200	36	4.4-5.2	3.5	20	8°	-	Schelling
188554	200	36	4.4-5.2	3.2	30	8°	-	SMA, Panhans, Scheer
188555	200	36	4.8-5.6	3.5	45	8°	-	Holzma
188556	200	36	5.8-6.6	4.0	45	8°	-	Holzma
188553	200	36	4.4-5.2	3.2	65	8°	2 9 110	Selco
188618	200	36	4.8-5.6	3.5	65	8°	2 8.4 110	Selco, WN EB
188875	200	60	3.2-4.1	2.2	30	15°	-	Scheer
189267	200	36	4.4-5.2	3.5	20	8°	-	Schelling
189050	200	36	4.5-5.5	3.0	45	8°	-	Homag Sawtech
189266	200	36	4.8-5.6	3.5	45	8°	-	Holzma
189265	200	36	4.4-5.2	3.2	65	8°	-	Selco
188875	200	60	3.2-4.1	2.2	30	15°	-	Scheer
188559	215	42	4.4-5.2	3.2	50	8°	3 15 80	Giben Prismatic and Giben Starmatic
189237	220	36	6.4-7.2	4.4	20	8°	-	Schelling FSH/ASH
189087	300	48	4.4-5.4	3.2	30	8°	-	Schelling FSH 430™
188560	300	48	4.4-5.2	3.2	50	8°	3 15 80	Giben Prismatic
188612	300	48	4.4-5.2	3.2	65	8°	2 8.4 110	Selco EB

Applications: Designed for scoring plastic laminated panel materials, for use on panel sizing saws with a scoring device. Refer to the Saw Blade Selection Guide on pages 121-124 for specifications on main or scoring saw combinations.

Features: This blade has a conical ATB tooth configuration. The height of this blade is adjustable to the kerf of the main saw blade. The scoring depth is 1mm, which is .17mm wider than the main saw kerf. The optimum scoring depth is 1.5mm-2.5mm.

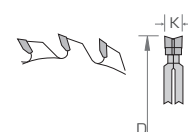
Series CS1

Split Scoring Saw Blades, for laminated panel materials.

Applications: For scoring (scribing) the under-side of double sided veneers on panel saws, double end tenoners and table saws with a scoring attachment. Eliminates bottom chipping when cutting either single panels or multiple stacked sheets. Refer to the Saw Blade Selection Guide on pages 121-124 for specifications on main or scoring saw combinations.

Features: This is a twin blade design that can be adjusted with the use of shims which come supplied with the blade. The scoring depth of the cut will remain constant.

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	Corresponding Machine(s)
CS10810B	80	2x10	2.8-3.6	20	EMA, Casadei
CS11012A	100	2x12	2.8-3.6	3/4"	SCM, Delta
CS11012B	100	2x12	2.8-3.8	20	Schelling, Robland
CS11012C	100	2x12	2.8-3.8	22	Altendorf, Martin, Panhans
CS11012D	100	2x12	2.8-3.8	1"	Delta
CS11212A	120	2x12	2.8-3.8	3/4"	SCM
CS11212B	120	2x12	4.0-4.8	20	SCMI, Holzher
CS11212C	120	2x12	2.8-3.8	22	Martin Table Saw, Altendorf
188398	120	2x12	3.0-3.8	50	Altendorf - Verstelleinheit
CS11214B	125	2x12	4.2-4.7	20	-
CS11214C	125	2x12	4.4-5.6	22	-
CS11220B	125	2x20	4.0-4.8	20	SCM
CS11220F	125	2x20	4.0-4.8	45	Giben, Mayer
CS11616E	160	2x16	2.8-3.6	30	Bauerie
188543	180	2x18	3.0-3.8	30	Koelle
CS11820F	180	2x20	4.4-5.2	45	Holzma
CS118201F	180	2x20	4.8-5.6	45	Holzma
188561	300	2x32	4.2-4.7	50	Giben Prismatic + Starmatic
CS13224F	320	2x24	4.4-5.6	45	Holzma, Postforming
CS13424F	340	2x24	4.4-5.6	45	Holzma, Postforming



* without spacers

Series CSS

Split Scoring Saw Blade Accessories

Shim Sets			
BC Saw Tool Number	(mm) Shim Diameter	Bore Size	(mm) Pin Holes
SHIM1	60	22 mm	34 centre to centre
SHIM2	80	22 mm	34 centre to centre
SHIM3	80	22 mm	42 centre to centre
SHIM4	80	1"	34 centre to centre
SHIM5	80	30 mm	52 centre to centre
Spring Pins			
SPRINGPIN for all split scoring blades			



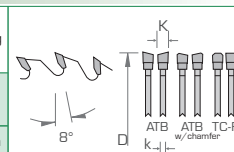
Series CS4

Scoring Saw Blades, for laminated postforming panel materials.

Applications: Designed for the scoring of plastic laminated postforming panel materials on panel sizing saws with a controllable scoring device.

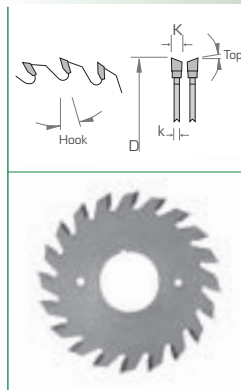
Features: The cutting width of this blade is consistently 0.2mm wider than the main saw blade kerf.

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Tooth Configuration	Corresponding Machine(s)
188497	300	72	4.6	3.2	65	ATB 5° .4x45° chamfer	Selco
188886	300	96	4.4	3.0	75	ATB w/ chamfer	Homag Espana
188887	300	96	4.5	3.2	75	ATB w/ chamfer	Homag Espana
188500	340	48	5.0	3.5	45	ATB 20°	Holzma
188501	340	108	5.0	3.5	45	ATB 20°	Holzma
188459	400	72	4.4	3.2	30	TC-F	Scheer



Edge Clipping Saw Blades, for trimming plastic, veneer and solid wood

Series CR1.



* With Pin Holes
 ** Inverted-V / Flat Tooth configuration
 L. Left Hand Rotation

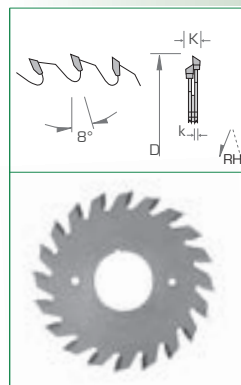
BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Hook Angle	Top Angle	Corresponding Machine
188955	90	20	3.0	2.0	30	8°	10°	Reich
188008	100	12	2.4	1.6	22	15°	10°	Holz-Her
188181	100	20	2.4	1.6	22	-8°	10°	EBM
169986	100	20	3.6	2.2	32	8°	30°	Wilmsmeyer
188009	100	30	2.6	1.6	32	10°	15°	Brandt
169987	110	20	3.6	2.5	22	8°	30°	Reich
169988	110	20	3.6	2.5	32	8°	30°	Homag
188289L*	110	20	3.2	2.5	40	10°	45°	Homag
188290*	110	20	3.2	2.5	40	10°	45°	Homag
188663	110	30	3.2	2.2	40	10°	45°	Homag BAZ
188858**	110	30	1.7	1.2	40	10°	45°	Homag BAZ
188000	120	20	3.2	2.2	32	10°	10°	Homag
188633*	120	24	3.6	2.8	40	8°	30°	Homag
188590*	120	36	3.2	2.5	40	10°	45°	Homag
188927*	125	36	2.4	1.6	30	10°	30°	Homag BAZ
188001	140	36	3.2	2.2	16	10°	15°	Ott
188880	140	36	3.2	2.2	22	10°	15°	Holz-Her
188002	150	48	3.2	2.2	22	10°	10°	IMA
188682*	150	48	3.2	2.2	30	10°	15°	Homag BAZ
188005	160	24	3.2	2.2	30	15°	10°	Holz-Her
188662	160	36	3.5	2.5	22	-5°	15°	Homag BAZ
188006	160	48	3.2	2.2	20	10°	10°	Holz-Her
188007	160	48	3.2	2.2	22	-8°	10°	IMA
188291*	180	54	3.2	2.2	30	10°	30°	Homag BAZ
188279	195	48	4.0	2.5	80	-5°	15°	IMA
188626*	200	64	3.2	2.2	30	10°	15°	IMA

Applications: For trimming plastic, veneers and solid wood edges on edge banders and edge trimming machines.

Features: For sale with either a positive or negative hook angle, both with a 5° shear angle for clean smooth finishes.

Edge Clipping | Chamfering Saw Blades, for trimming and chamfering

Series CR3.



Tool Number		D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Pin Holes
Right Hand	Left Hand						
169983	169980	100 92	2x20	5.8	2.2	32	-
188581	188578	120 112	2x30	6.0	2.2	40	4 6.5 52

Applications: For trimming and chamfering of plastic, veneer and solid wood edges on Homag, Brandt, Raimann, Reich and Ott edge banders and edge trimming machines.

Features: Chamfer is adjustable with spacers provided for this two piece edge clipping set. The 5° shear angle provides a clean smooth finish.

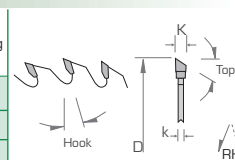
Series CR2

Edge Clipping Saw Blades, for trimming thin plastic, veneer and solid wood.

Applications: For trimming thin plastic, veneer and solid wood edges on edge banders and edge trimming machines.

Features: Designed with positive or negative hook angle, an ATB right|left hand bevel and varying shear angles to provide clean, smooth finishes.

Tool Number		D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Hook Angle	Top Angle	Shear Angle	Corresponding Machine
Right Hand	Left Hand									
169992	169991	100	20	3.2	2.2	32	-6°	30°	5°	Homag
169984	169981	100	20	3.0	2.2	32	8°	30°	5°	Wilmsmeyer
188594	188593	100	30	2.6	1.6	32	10°	10°	-	Brandt
188278*	188277*	110	20	3.2	2.5	40	-6°	45°	5°	Homag
188011*	188010*	120	20	3.2	2.5	40	-6°	45°	5°	Homag
169969	169968	150	30	3.5	2.2	20	12°	15°	5°	Ocmac Olympia
169967	169966	150	30	3.5	2.2	22	-6°	15°	5°	IMA
169965	169964	150	30	3.5	2.2	22	12°	15°	5°	IMA
188640*	188641*	150	30	3.5	2.2	30	-12°	45°	10°	Homag
169963	169962	150	30	3.5	2.2	30	12°	15°	5°	IDM
188854*	188855*	150	44	3.5	2.2	30	-12°	45°	10°	Homag Powerline
189042	189041	160	18	3.6	2.5	40	8°	30°	-	Holz-Her



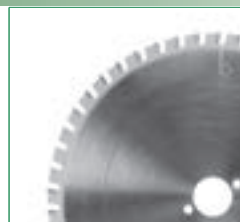
* With Pin Holes

Series CD7

Sash Pro Saw Blades

Applications: Designed for sizing and miter cuts on non-ferrous metals with cut-off saws or miter saws.

Features: This blade is manufactured with carbide graded for cutting non-ferrous metals.



BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	Bore Size
CD51060	10	60	.118 3.0	2.2	5/8
CD51080	10	80	.118 3.0	2.2	5/8
CD51010	10	100	.118 3.0	2.2	5/8
CD51280	12	80	.120 3.0	2.5	1
CD51210	12	100	.120 3.0	2.5	1
CD51480	14	80	.150 3.8	3.0	1
CD51410	14	100	.150 3.8	3.0	1
CD516120	16	120	.150 3.8	3.00	1
CD518120	18	120	.134 3.4	2.8	1
CD520120	20	120	.142 3.6	3.0	1

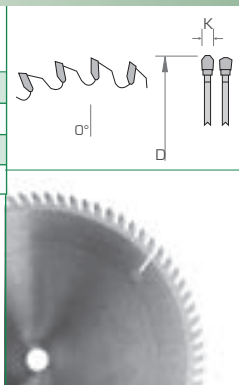
Other bore sizes available upon request

Plastic Cutting Saw Blades, Triple Chip Style

Series CK1

BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	(in) Bore Size
CK10860	8	60	.107 2.7	5/8
CK11080	10	80	.107 2.7	5/8
CK11210	12	100	.118 3.0	1
CK11410	14	100	.118 3.0	1

Other bore sizes available upon request



Applications: Designed for cutting all types of plastics. This blade will provide an extra smooth “melt free” cut.

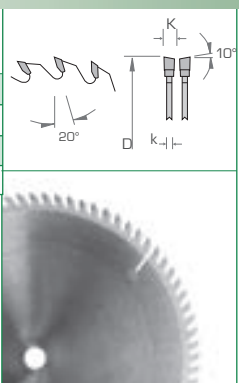
Features: These blades are precision ground to the highest tolerances; the triple chip tooth design will cut in harder and heavier plastic sheets without melting, leaving a clean smooth cut.

Plastic Cutting Saw Blades, ATB Style

Series CK2

BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	(in) Bore Size
CK21080	10	80	.118 3.0	5/8
CK21210	12	100	.118 3.0	5/8
CK21410	14	100	.118 3.0	1
CK21610	16	100	.118 3.0	1

Other bore sizes available upon request



Applications: Designed for cutting all types of plastics. This blade will provide an extra smooth “melt free” cut that is chip free.

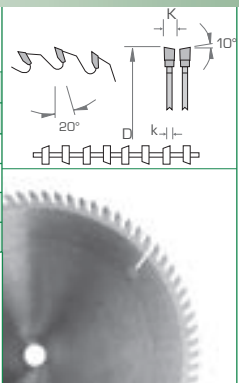
Features: These blades are precision ground to the highest tolerances. The tooth configuration is an alternate top bevel design with alternate face shear.

Plastic Cutting Saw Blades

Series CK7

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	(in) Bore Size
CK51410	355	100	.118 3.0	1
CK51412	355	120	.118 3.0	1
CK51610	405	100	.126 3.2	1
CK51612	405	120	.126 3.2	1
CK52010	510	100	.134 3.4	1
CK52012	510	120	.134 3.4	1

Other bore sizes available upon request



Applications: Our premium plastic cutting saw blade for the most precision cuts.

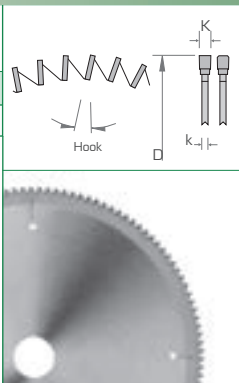
Features: Versatile carbide graded for cutting board materials as well as solid wood.

Thin Walled Specialty Saw Blades, for thin walled profiles

Series C11

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Hook Angle	Tooth Configuration
188388	200	100	2.2	2.0	30	-6°	TC Flat
188212	250	126	2.2	1.6	30	-10°	Flat

Other bore sizes available upon request



Applications: For cross cutting in thin walled plastic and aluminum profiles.

Features: These are precision Leuco Topline saw blades with a large number of teeth, preventing the blade from catching and chipping the edges of the material.

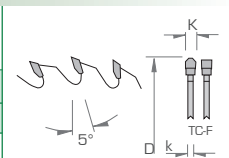
Series 108.471

Non-Ferrous Saw Blades, with a positive hook angle.

Applications: This blade is for dividing and mitre cuts in aluminum and plastic profiles. Designed to be used on chop and mitre saws, or on a table saw for panel materials such as Corian, Noblan, Varicor and HPL.

Features: Laserornaments for noise-reduction. The positive hook angle requires tight clamping of the material.

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Pin Holes	Corresponding Machine
188783	250	60	3.2	2.5	30	-	Haffner; ELLU, Makita
188785	250	80	3.2	2.5	30	2 7 42	Haffner; ELLU, Makita
188786	275	72	3.2	2.5	40	4 12 64 2 9 55	Eisele LMS I, Graule
188787	300	72	3.2	2.5	30	2 7 42 2 10 60	Fezer; Rapid
188789	300	96	3.2	2.5	30	2 7 42 2 10 60	Fezer; Rapid
188843	300	96	3.2	2.5	32	-	-
188791	350	108	3.2	2.5	30	-	Haffner; Rapid, Pfeifer
188794	400	96	3.8	3.2	30	-	-
188793	400	96	3.8	3.2	40	4 12 64 2 12 80	Eisele LMS II, LMS III
188795	420	96	3.8	3.2	30	-	ELLU DG 102, 104, DLG MGS 105, Rapid SAT
188798	450	108	3.8	3.2	40	4 12 64 2 12 80	Eisele
188799	500	120	4.0	3.4	30	-	Rapid, Pfeifer, BKS

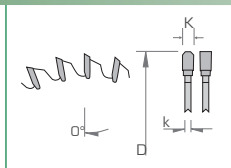


Series 108.470

Non-Ferrous Saw Blades, with a neutral hook angle.

Applications: For dividing and mitre cuts in aluminum and plastic profiles on chop, mitre or table saws.

Features: This blade is made with a neutral hook angle and embedded cutting edges. It can be used to make sizing cuts in very thin profiles.



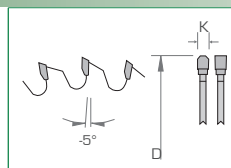
BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Pin Holes
188175	280	96	2.4	2.2	32	4 9 50
188176	300	96	2.4	2.2	32	4 9 50

Series CD1

Non-Ferrous Saw Blades, with a negative hook angle.

Applications: Designed to cut aluminum, brass and copper on overhead mitre or table saws. For quality and safety reasons, all materials should be clamped and the blade greased with liquid or wax lubricants.

Features: This blade has an extra heavy plate which is designed for strength; the triple chip tooth style is for clean cutting. Minimal clearance and a negative hook angle combine to reduce tooth wear and breakage.

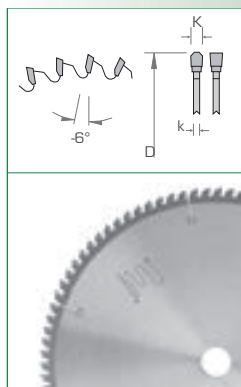


BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	(in) Bore Size
CD10848	8	48	.110 2.8	5/8
CD10860	8	60	.110 2.8	5/8
CD10948	9	48	.110 2.8	5/8
CD10960	9	60	.110 2.8	5/8
CD11060	10	60	.126 3.2	5/8
CD11080	10	80	.126 3.2	5/8
CD11010	10	100	.114 2.9	5/8
CD11260	12	60	.126 3.2	1
CD11280	12	80	.126 3.2	1
CD11210	12	100	.126 3.2	1
CD11460	14	60	.150 3.8	1
CD11480	14	80	.150 3.8	1
CD11410	14	100	.150 3.8	1
CD11680	16	80	.150 3.8	1
CD11610	16	100	.150 3.8	1
CD11612	16	120	.150 3.8	1
CD11880	18	80	.158 4.0	1
CD11810	18	100	.158 4.0	1
CD11812	18	120	.158 4.0	1
CD12010	20	100	.158 4.0	1
CD12012	20	120	.158 4.0	1

Other bore sizes available upon request

Metric Non-Ferrous Saw Blades, with a negative hook angle.

Series 108.472



BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size	Pin Holes	Corresponding Machine(s)
188802	250	60	3.2	2.5	30	2 7 42	De Walt, ELU, Haffner, Makita
188801	250	60	3.2	2.5	32	-	Kaltenbach TL 250, ELU TGS 71, 171, 172, Baier, Fezer, Ulmia, Trennjäger
188805	250	80	2.8	2.2	30	2 7 42	ELU, Mafell, Metabo, Festo, Haffner, Hitachi
188803	250	80	3.2	2.5	30	2 7 42	De Walt, ELU, Haffner, Makita
188804	250	80	3.2	2.5	32	-	Kaltenbach TL 250, ELU TGS 71, 171, 172, Baier, Fezer, Ulmia, Trennjäger
188807	250	80	3.2	2.5	40	4 12 64 2 9 55	Eisele LMS I, Graule, Ulmia, Trennjäger
188809	260	72	3.2	2.5	30	-	-
188811	275	88	3.2	2.5	40	4 12 64 2 9 55	Eisele LMS I, Graule, Trennjäger, Weidmann
188812	300	72	3.2	2.5	30	2 7 42 2 10 60	De Walt, Fezer, Schleicher
188813	300	72	3.2	2.5	32	-	ELU MGS 73, Rapid, Trennjäger, Fezer, Berg & Schmid
188842	300	96	2.8	2.2	30	2 7 42 2 10 60	-
188814	300	96	3.2	2.5	30	2 7 42 2 10 60	De Walt, Fezer, Schleicher
188815	300	96	3.2	2.5	32	-	ELU MGS 73, Rapid, Trennjäger, Fezer, Berg & Schmid
188816	330	96	3.2	2.5	30	-	ELU, Haffner
188818	330	96	3.2	2.5	32	-	ELU
188819	350	84	3.8	3.2	40	4 12 64 2 9 55	Eisele LMS II, LMS II - PV, VA-L, Graule, Ulmia, Weidmann
188820	350	84	3.2	2.5	50	4 15 80	Kaltenbach
188821	350	90	3.2	2.5	30	-	De Walt, Haffner, Pfeiffer
188822	350	108	3.2	2.5	30	2 12 64	-
188823	350	108	3.2	2.5	40	4 12 64 2 9 55	Eisele LMS II, LMS II - PV, VA-L, Graule, Ulmia, Weidmann
188827	400	96	3.8	3.2	30	-	De Walt, Haffner
188828	400	96	3.8	3.2	50	4 15 80	Kaltenbach TL 400
188829	420	96	4.0	3.2	30	-	Rapid, ELU
188833	500	120	4.0	3.4	30	-	Pfeiffer

Applications: Designed to make dividing and mitre cuts in aluminum and plastic profiles. This blade can be used on chop and miter saws.

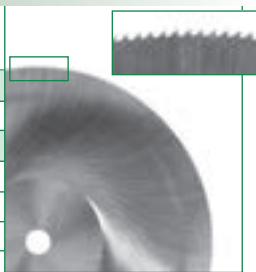
Features: Laser ornaments are on the blade to help with noise-reduction. The hook angle on this blade is negative.

Series NF

High Speed Steel non-ferrous saw blades may be used in applications where carbide tipped saws are too coarse to give a clean, burr-free cut. These blades are ideal for cutting tube profiles, picture frames and other profiles. Plastic grinds are available for very thin sections and delicate profiles. Each blade is custom manufactured to match your cutting application – our specialists will determine the number of teeth and the appropriate tooth angles to suit the material being cut.

HSS Non-Ferrous Saw Blades

BC Saw Tool Number	(mm) Blade Diameter	(in)(mm) Blade Kerf	(in) Bore Size
NF1501658	150	.063 1.6	5/8
NF1601658	160	.063 1.6	5/8
NF1751658	175	.063 1.6	5/8
NF2000858	200	.031 0.8	5/8
NF2001258	200	.047 1.2	5/8
NF2001658	200	.063 1.6	5/8
NF2002058	200	.079 2.0	5/8
NF2002558	200	.098 2.5	5/8
NF2003058	200	.118 3.0	5/8
NF2251658	225	.063 1.6	5/8
NF2252058	225	.079 2.0	5/8
NF2252558	225	.098 2.5	5/8
NF2501258	250	.047 1.2	5/8
NF2501658	250	.063 1.6	5/8
NF2502058	250	.079 2.0	5/8
NF2502558	250	.098 2.5	5/8
NF2503058	250	.118 3.0	5/8
NF2752010	275	.079 2.0	1
NF2752510	275	.098 2.5	1
NF3001610	300	.063 1.6	1
NF3002010	300	.079 2.0	1
NF3002510	300	.098 2.5	1
NF3003010	300	.118 3.0	1
NF3152510	315	.098 2.5	1
NF3153010	315	.118 3.0	1
NF3502010	350	.079 2.0	1
NF3502510	350	.098 2.5	1
NF3503010	350	.118 3.0	1
NF4002510	400	.098 2.5	1
NF4003010	400	.118 3.0	1
NF4003510	400	.138 3.5	1
NF4503010	450	.118 3.0	1
NF5004010	500	.157 4.0	1



Ferrous Saw Blades

Series CD2

Applications: Designed for cut-off applications on ferrous metals such as steel.

Features: This blade is manufactured with a negative rake and a special trapezoidal triple chip tooth for cutting ferrous metals on low rpm machines specifically designed for steel cutting.

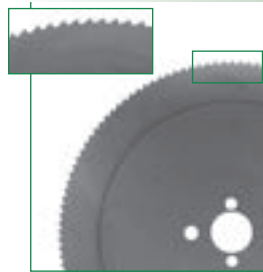
BC Saw Tool Number	D (in) Blade Diameter	Tooth Count	K (in)(mm) Blade Kerf	k (mm) Plate Thickness	Bore Size
CD20736	7	36	.087 2.2	1.6	20mm
CD21048	10	48	.094 2.4	1.8	30mm
CD21060	10	60	.087 2.2	1.8	1
CD21260	12	60	.087 2.2	1.8	1
CD21280	12	80	.087 2.2	1.8	1
CD21480	14	80	.102 2.6	2.2	1
CD21410	14	100	.102 2.6	2.2	1



Other bore sizes available upon request

High Speed Steel Ferrous Saw Blades

Series HS



BC Saw Tool Number	(mm) Blade Diameter	(in mm) Blade Kerf	(mm) Bore Size
HS1601632	160	.063 1.6	32
HS2001632	200	.063 1.6	32
HS2002032	200	.079 2.0	32
HS2251632	225	.063 1.6	32
HS2251640	225	.063 1.6	40
HS2252032	225	.079 2.0	32
HS2252040	225	.079 2.0	40
HS2252532	225	.098 2.5	32
HS2252540	225	.098 2.5	40
HS2501632	250	.063 1.6	32
HS2501640	250	.063 1.6	40
HS2502032	250	.079 2.0	32
HS2502040	250	.079 2.0	40
HS2502532	250	.098 2.5	32
HS2502540	250	.098 2.5	40
HS2503032	250	.118 3.0	32
HS2503040	250	.118 3.0	40
HS2752032	275	.079 2.0	32
HS2752040	275	.079 2.0	40
HS2752532	275	.098 2.5	32
HS2752540	275	.098 2.5	40
HS2753032	275	.118 3.0	32
HS2753040	275	.118 3.0	40
HS3002532	300	.098 2.5	32
HS3002540	300	.098 2.5	40
HS3003032	300	.118 3.0	32
HS3003040	300	.118 3.0	40
HS3152532	315	.098 2.5	32
HS3152540	315	.098 2.5	40
HS3153032	315	.118 3.0	32
HS3153040	315	.118 3.0	40
HS3252532	325	.098 2.5	32
HS3252540	325	.098 2.5	40
HS3253032	325	.118 3.0	32
HS3253040	325	.118 3.0	40
HS3502532	350	.098 2.5	32
HS3502540	350	.098 2.5	40
HS3502550	350	.098 2.5	50
HS3503032	350	.118 3.0	32
HS3503040	350	.118 3.0	40
HS3503050	350	.118 3.0	50
HS3703040	370	.118 3.0	40
HS3703050	370	.118 3.0	50
HS4003040	400	.118 3.0	40
HS4003050	400	.118 3.0	50
HS4003540	400	.138 3.5	40
HS4003550	400	.138 3.5	50
HS4253540	425	.138 3.5	40
HS4253550	425	.138 3.5	50
HS4503540	450	.138 3.5	40
HS4503550	450	.138 3.5	50
HS5004040	500	.157 4.0	40

These are quality high speed steel saw blades made with an innovative tooth geometry. The design leads to precision cuts and increased yields. Each blade is custom manufactured to match your cutting application with the number of teeth and tooth angles to suit the material being cut. Other surface coatings, including: titanium and titanium aluminum carbide, are now available to improve performance and blade longevity. These blades can be used on both manual and fully automatic machines.

We produce solid high speed steel circular saw blades using the latest high tech equipment to achieve the greatest accuracy and precision. Our knowledgeable and innovative saw blade technicians, along with this leading edge technology, can solve any metal cutting problem or advise methods to increase your productivity.

We can currently outfit the following machines:

Adige Sala	MTM
Bater	Omes
Bewo	OMP
Bimax	OTO Mills
Bonak	RGA
Brobo Waldown	Robejo
Conni	Rohbi
Demurger	Scothman Industries
Dong Jin	Simec
Doringer	Sinico
Eisele	Soco
Fabris	Starbrite
Femi	Stayer
Fong-Ho	Thomas
Gernetti	Tomet
Haeberle	Trennjaeger
IBP Pedrazolli	Ulmia
Imet	Viemme
Kaltenbach	Voucher
Kasto	Wagner
Macc	Wahlen
Maco	Weidmann
Mair	Winter
MEP	Wunsch
Metora	

Series CT1

Grooving Saw Blades

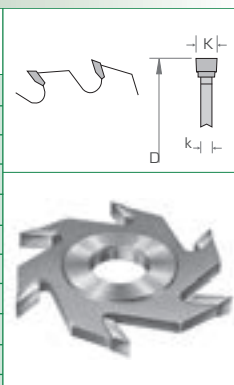
Applications: For grooving of solid woods, composite boards and laminated or veneered materials.

Features: The flat tooth grind is designed for cross grain cutting. Groovers with kerfs above 2.5mm are designed with a reinforced hub, which provide needed support but limit the depth of the groove.

Options: Custom groovers with specific diameters or kerfs are available with quick deliveries at economical prices. We also offer scoring spurs for grooving across the grain or on laminate surfaces.

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (in mm) Blade Kerf	k (mm) Plate Thickness	(mm) Bore Size
CT1051512	125	12	.059 1.5	1.0	30
CT1051812	125	12	.071 1.8	1.0	30
CT1052012	125	12	.079 2.0	1.6	30
CT1052212	125	12	.087 2.2	1.6	30
CT1052512	125	12	.098 2.5	1.8	30
CT1053012	125	12	.118 3.0	2.0	30
CT1053512	125	12	.138 3.5	2.5	30
CT1054012	125	12	.157 4.0	2.8	30
CT1054512	125	12	.177 4.5	3.5	30
CT1055012	125	12	.197 5.0	3.6	30
CT1056012	125	12	.236 6.0	5.0	30
CT10563512	125	12	.250 6.35	5.0	30
CT1057012	125	12	.276 7.0	5.5	30
CT1058012	125	12	.315 8.0	5.5	30
CT10510012	125	12	.394 10.0	7.5	30
CT1061512	150	12	.059 1.5	1.0	30
CT1061518	150	18	.059 1.5	1.0	30
CT1062012	150	12	.079 2.0	1.4	30
CT1062018	150	18	.079 2.0	1.4	30
CT1062212	150	12	.087 2.2	1.8	30
CT1062512	150	12	.098 2.5	1.8	30
CT1062518	150	18	.098 2.5	1.8	30
CT1063012	150	12	.118 3.0	2.0	30
CT1063018	150	18	.118 3.0	2.0	30
CT1063512	150	12	.138 3.5	2.5	30
CT1063518	150	18	.138 3.5	2.5	30
CT1064012	150	12	.157 4.0	2.8	30
CT1064018	150	18	.157 4.0	2.8	30
CT1064512	150	12	.177 4.5	3.5	30
CT1064518	150	18	.177 4.5	3.5	30
CT1065012	150	12	.197 5.0	3.6	30
CT1065018	150	18	.197 5.0	3.6	30
CT1066012	150	12	.236 6.0	5.0	30
CT1066018	150	18	.236 6.0	5.0	30
CT10663512	150	12	.250 6.35	5.0	30
CT1067012	150	12	.276 7.0	5.5	30
CT1067018	150	18	.276 7.0	5.5	30
CT1068012	150	12	.315 8.0	5.5	30
CT1068018	150	18	.315 8.0	5.5	30
CT10610012	150	12	.394 10.0	7.5	30
CT10610018	150	18	.394 10.0	7.5	30
CT1074012	180	12	.157 4.0	2.8	30
CT1074018	180	18	.157 4.0	2.8	30
CT1075012	180	12	.197 5.0	3.6	30
CT1075018	180	18	.197 5.0	3.6	30
CT1076012	180	12	.236 6.0	5.0	30
CT1076018	180	18	.236 6.0	5.0	30
CT1078012	180	12	.315 8.0	5.5	30
CT1078018	180	18	.315 8.0	5.5	30
CT10710012	180	12	.394 10.0	7.5	30
CT10710018	180	18	.394 10.0	7.5	30

Other bore sizes available upon request



Grooving Cutterheads - Insert

Series 120.455

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm)		k (mm) Plate Thickness	(mm) Bore Size
			Blade	Kerf		
167253	125	4+4	4		3	30
165922	125	4+4	5		4	30
171159	125	4+8	8		8	30
171160	125	4+8	10		10	30
171161	150	4+8	8		8	30
171162	150	4+8	10		10	30

Other bore sizes available upon request

Applications: Designed for table shapers, to be used against feed with and across the grain.

Features: This blade is manufactured chip-free grooving in solid woods and in wood-based panels.

Adjustable Grooving Cutterheads - Insert

Series 121.455

BC Saw Tool Number	D (mm) Blade Diameter	Tooth Count	K (mm)		(mm) Bore Size
			Blade	Kerf	
166509	130	4+4	4-7.5		30
198425	160	8+4	4-7.5		30
198426	160	2	4-7.5		30
168081	180	8+4	4-7.5		30
168083	180	8+4	4-7.5		35
168085	180	8+4	4-7.5		40
168087	180	8+4	4-7.5		50
168080	180	8+2+4	4-15		30
168082	180	8+2+4	4-7.5		35
168084	180	8+2+4	4-7.5		40
178725	180	4+4	8-15		30
178726	180	4+4	8-15		35
178727	180	4+4	8-15		40
178729	180	4+4	12.6-24		30
178730	180	4+4	12.6-24		35
178731	180	4+4	12.6-24		40

Other bore sizes available upon request

Applications: Designed for table shapers, molders, and double end tenoners to be used against feed with and across the grain.

Features: This blade is manufactured chip-free grooving in solid woods and in wood-based panels.

Series COL

Saw Stabilizing Collars

Saw stabilizing collars are designed to add strength and rigidity and to improve the finish in kerf ripping, trimming or fine plastic cutting. They may also be used on standard kerf saw blades to strengthen the saw body.

BC Saw Tool Number	(in) Collar Diameter	(in) Bore Size	(in) For Saw Blade Diameter:
STA3558	3 1/2	5/8	8, 9, 10, 12
STA351	3 1/2	1	8, 9, 10, 12
STA558	5	5/8	12, 14, 16
STA51	5	1	12, 14, 16



Series BUS

Bushings

Our precision ground bushings are available in a wide range of sizes and can be used to reduce the bore on saw blades to custom fit your machine. Any sizes not listed are available on request as a special order.

BC Saw Tool Number	Outside Diameter	Inside Diameter	Bushing Thickness	BC Saw Tool Number	Outside Diameter	Inside Diameter	Bushing Thickness
B58516	5/8"	5/16"	2.5 mm	B321	32 mm	1"	2.5 mm
B5812	5/8"	1/2"	2.5 mm	B3230	32 mm	30 mm	2.5 mm
B3412	3/4"	1/2"	2.5 mm	B11412	1 1/4"	1/2"	2.5 mm
B3458	3/4"	5/8"	2.5 mm	B11458	1 1/4"	5/8"	2.5 mm
B2038	20 mm	3/8"	2.5 mm	B11420	1 1/4"	20 mm	2.5 mm
B2058	20 mm	5/8"	2.5 mm	B11434	1 1/4"	3/4"	2.5 mm
B2258	22 mm	5/8"	2.5 mm	B1141	1 1/4"	1"	2.5 mm
B2234	22 mm	3/4"	2.5 mm	B114118	1 1/4"	1 1/8"	2.5 mm
B2220	22 mm	20 mm	2.5 mm	B13858	1 3/8"	5/8"	2.5 mm
B7858	7/8"	5/8"	2.5 mm	B1381	1 3/8"	1"	2.5 mm
B7834	7/8"	3/4"	2.5 mm	B13830	1 3/8"	30 mm	2.5 mm
B138	1"	3/8"	2.5 mm	B13832	1 3/8"	32 mm	2.5 mm
B112	1"	1/2"	2.5 mm	B1121	1 1/2"	1"	2.5 mm
B158	1"	5/8"	2.5 mm	B112118	1 1/2"	1 1/8"	2.5 mm
B134	1"	3/4"	2.5 mm	B112114	1 1/2"	1 1/4"	2.5 mm
B120	1"	20 mm	2.5 mm	B11232	1 1/2"	32 mm	2.5 mm
B122	1"	22 mm	2.5 mm	B112138	1 1/2"	1 3/8"	2.5 mm
B178	1"	7/8"	2.5 mm	B4058	40 mm	5/8"	2.5 mm
B1181	1 1/8"	1"	2.5 mm	B4022	40 mm	22 mm	2.5 mm
B3058	30 mm	5/8"	2.5 mm	B401	40 mm	1"	2.5 mm
B3034	30 mm	3/4"	2.5 mm	B4030	40 mm	30 mm	2.5 mm
B301	30 mm	1"	2.5 mm	B4032	40 mm	32 mm	2.5 mm
B3258	32 mm	5/8"	2.5 mm	B21	2"	1"	2.5 mm
B3222	32 mm	22 mm	2.5 mm				



Biscuit Joiner Saw Blade

Series CT2



Carbide Tipped



Insert



Polycrystalline Diamond

For Portable Joining Machines						
BC Saw Tool Number	Blade Type	(mm) Blade Diameter	Tooth Count	(in/mm) Blade Kerf	(mm) Bore Size	(for all blades) Corresponding Machine[s]
CT20406	CT	100	2+4	.156/3.95	22	Lamello, Freud,
164838	Insert	100	4	.157/4.0	22	Kaiser, Virutex,
178496	PCD	100	4	.156/3.95	22	Porter Cable, Elu
Joiner Biscuits						
BISCUIT0	1000, size 0					
BISCUIT10	1000, size 10					
BISCUIT20	1000, size 20					
Insert Knife (for insert blade)						
ICKD14G	14 x 14 x 1.2, 8.6 hole diameter					
Grooving Spur (for insert blade)						
163699	18 x 18 x 1.95, 10 hole diameter					



Carbide Tipped



Insert



Polycrystalline Diamond

Applications: These blades are specifically designed for portable joining machines.

Features: These are premium saw blades, available in carbide tipped, insert knife or polycrystalline diamond. The blades have been designed for plunging action in portable machines. A straight, clean groove in wood and wood composites can be expected.

The insert knife cutter uses knife ICKD14G, also found on page 92 and grooving spur 163699.

Circular Knives

Series KNC

		BC Saw Tool Number	(mm) Blade Diameter	(in/mm) Blade Kerf	(in) Bore Size
		KNC1501658	150	.063/1.6	5/8
		KNC1601658	160	.063/1.6	5/8
		KNC1751658	175	.063/1.6	5/8
		KNC2000858	200	.031/0.8	5/8
		KNC2001258	200	.047/1.2	5/8
		KNC2001658	200	.063/1.6	5/8
		KNC2002058	200	.079/2.0	5/8
		KNC2002558	200	.098/2.5	5/8
		KNC2003058	200	.118/3.0	5/8
		KNC2251658	225	.063/1.6	5/8
		KNC2252058	225	.079/2.0	5/8
		KNC2252558	225	.098/2.5	5/8
		KNC2501258	250	.047/1.2	5/8
		KNC2501658	250	.063/1.6	5/8
		KNC2502058	250	.079/2.0	5/8
		KNC2502558	250	.098/2.5	5/8
		KNC2503058	250	.118/3.0	5/8
		KNC2752010	275	.079/2.0	1
		KNC2752510	275	.098/2.5	1
		KNC3001610	300	.063/1.6	1
		KNC3002010	300	.079/2.0	1
		KNC3002510	300	.098/2.5	1
		KNC3003010	300	.118/3.0	1
		KNC3152510	315	.098/2.5	1
		KNC3153010	315	.118/3.0	1
		KNC3502010	350	.079/2.0	1
		KNC3502510	350	.098/2.5	1
		KNC3503010	350	.118/3.0	1
		KNC4002510	400	.098/2.5	1
		KNC4003010	400	.118/3.0	1
		KNC4003510	400	.138/3.5	1
		KNC4503010	450	.118/3.0	1
		KNC5004010	500	.157/4.0	1

NAP GLADU offers a full range of sizes of circular knives for cutting foams, papers, rubber, hydraulic hoses, etc. The above sizes are standard blanks which we can custom grind to the knife edges shown. We can also grind to various other less common profiles and custom make other sized knives as special orders. Scalloped edge circular knives are available for cutting hydraulic hose and other materials. Speak to one of our customer service sales representatives to determine the correct circular knife for your cutting application.



CUTTER HEADS

Lock Edge
Cutter Heads
pg 42



Pivoting
Shaper Collars
pg 42



Corrugated Back
Knife Heads
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Spiral Cutter Heads
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Finger Joint Cutters
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Planing
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Cutter Heads
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Profilers
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Lock-Edge Shaper Collars, with or without guide bearing.

Series HL | HLB

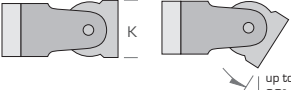
Tool Number		(in) Cutter Diameter	(in) Bore Size	Maximum Cut (in)	
No Bearing	Bearing			[K] Width	[T] Depth
HL234	HLB234	2	3/4	3 1/2	1 1/2
HL2534	HLB2534	2 1/2	3/4	3 1/2	1 1/2
HL251	HLB251	2 1/2	1	3 1/2	1 1/2
HL2518	HLB2518	2 1/2	1 1/8	3 1/2	1 1/2
HL334	HLB334	3	3/4	3 1/2	1 1/2
HL31	HLB31	3	1	3 1/2	1 1/2
HL3518	HLB3518	3 1/2	1 1/8	3 1/2	1 1/2
HL3514	HLB3514	3 1/2	1 1/4	3 1/2	1 1/2
HL418	HLB418	4	1 1/8	3 1/2	1 1/2
HL414	HLB414	4	1 1/4	3 1/2	1 1/2

This system offers you the flexibility of adjustable cutting diameters, pattern depths of up to 1 1/2" and cutting edge widths of up to 3 1/2". The interlocking lock edge knives (page 87) with the adjustable worm screw and safety retaining bolts make the lock-edge shaper cutting system safe and easy to use. Different diameters, arbor sizes and 3 knife collars can be quoted when requested for special applications. Ball bearing lock-edge shaper collars come with a built-in ball bearing rub collar for use with or without a fence. Note: Please state the rotation of cutter desired when ordering.

Pivoting Cutter Head

Series 120.305

For Chamfering, Jointing and Rabbeting						
BC Saw Tool Number	(mm) Cutter Diameter	Wing Count	(mm) Bore Size	K (mm) Blade Width	(RPM) Speed Range	
179184	120	2	30	40	6400	11000
179185	150	2	30	50	5200	9000
180903	150	2	40	50	5200	9000
180904	160	2	50	50	4800	9000
Scoring Disc						
179182	150	2	30	8	-	
Turnover Knives						
ICK40G	40 x 12 x 1.5					
ICK50G	50 x 12 x 1.5					
Spur						
003079	14 x 14 x 2					



up to
60°



Applications: This cutter head is for chamfering, jointing and rabbeting with an adjustable chamfer angle. This cutter head can be used in solid woods and panel materials that are veneered or plastic coated. Designed for use on table shapers, moulding machines and double-end tenoners.

Features: Pivot range of up to 60° for rabbeting with an additional spur. The angle is adjustable in intervals of 5° for cutter heads with a diameter of 120 mm, and 1° when the diameter is greater than 150 mm.

Series HC

Corrugated Back Knife Cutter Heads

Features: Corrugated back knife cutter heads use precise serrations on the knives and heads to ensure tight knife clamping. The knives are sharpenable in the head to allow for high profile accuracy and surface quality. The cutter heads are available in 100, 122, 137 and 150mm diameters with some heads available in 4 and 6 wing. All heads come with 10°, 15° or 20° hook angle and are available with bore sizes other than the ones shown. Other custom sized heads and special cutters can be ordered upon request. For corrugated back planer knives in two different grades see page 87.

BC Saw Tool Number	(in mm) Cutter Diameter	Wing Count	Cutter Length	Bore Size
HC102	3.95 100	4	2"	1 1/4"
HC10225	3.95 100	4	2 1/4"	1 1/4"
HC103	3.95 100	4	3"	1 1/4"
HC104	3.95 100	4	4"	1 1/4"
HC105	3.95 100	4	5"	1 1/4"
HC106	3.95 100	4	6"	1 1/4"
HC125	4.81 122	4	50 mm	40 mm
HC126	4.81 122	4	60 mm	40 mm
HC128	4.81 122	4	80 mm	40 mm
HC1210	4.81 122	4	100 mm	40 mm
HC1213	4.81 122	4	130 mm	40 mm
HC1215	4.81 122	4	150 mm	40 mm
HC1218	4.81 122	4	180 mm	40 mm
HC1223	4.81 122	4	230 mm	40 mm
HC1230	4.81 122	4	305 mm	40 mm
HC135	5.40 137	4	50 mm	1 13/16"
HC136	5.40 137	4	60 mm	1 13/16"
HC1310	5.40 137	4	100 mm	1 13/16"
HC1313	5.40 137	4	130 mm	1 13/16"
HC1318	5.40 137	4	180 mm	1 13/16"
HC1323	5.40 137	4	230 mm	1 13/16"
HC1330	5.40 137	4	305 mm	1 13/16"
HC152	5.95 150	4	2"	2 1/8"
HC15225	5.95 150	4	2 1/4"	2 1/8"
HC153	5.95 150	4	3"	2 1/8"
HC154	5.95 150	4	4"	2 1/8"
HC156	5.95 150	4	6"	2 1/8"
HC158	5.95 150	4	8"	2 1/8"
HC159	5.95 150	4	9"	2 1/8"
HC1512	5.95 150	4	12"	2 1/8"
HC152X	5.95 150	6	2"	2 1/8"
HC15225X	5.95 150	6	2 1/4"	2 1/8"
HC153X	5.95 150	6	3"	2 1/8"
HC154X	5.95 150	6	4"	2 1/8"
HC156X	5.95 150	6	6"	2 1/8"
HC158X	5.95 150	6	8"	2 1/8"
HC159X	5.95 150	6	9"	2 1/8"
HC1512X	5.95 150	6	12"	2 1/8"



Planing Cutterheads with Weinig HSK

Series 320.208



[L R] BC Saw Tool Number	Cutter Diameter	Wing Count	Cutter Length
181728 181737	100	2	60
181729 181738	100	2	80
181730 181739	100	2	100
181731 181740	100	2	130
181732 181741	100	2	150
181733 181742	100	2	170
182334 181743	100	2	190
181735 181744	100	2	210
181736 181745	100	2	240

Applications: Planing of solid wood on Weinig Powermat machines.

Features: Uses centrox knives in HSS or carbide for fast knife changes.

Planing Cutterheads with Weinig HSK

Series 320.608



[L R] BC Saw Tool Number	Cutter Diameter	Wing Count	Cutter Length
182312 182314	90	2	40
182315 182316	90	4	40
181766 181775	90	2	60
181784 182317	90	4	60
181748 181757	90	2	60
181899 181908	90	2	60
181767 181776	90	2	80
181785 181794	90	4	80
181749 181758	90	2	80
181900 181909	90	2	80
181768 181777	90	2	100
181786 181795	90	4	100
181750 181759	90	2	100
181901 181910	90	2	100
181769 181778	90	2	130
181787 181796	90	4	130
181751 181760	90	2	130
181902 181911	90	2	130
181770 181779	90	2	150
181788 181797	90	4	150
181752 181761	90	2	150
181903 181912	90	2	150
181771 181781	90	2	170
181789 181798	90	4	170
181753 181762	90	2	170
181904 181913	90	2	170
182313 181781	90	2	190
181790 181799	90	4	190
181754 181763	90	2	190
181905 181914	90	2	190
181773 181782	90	2	210
181791 181800	90	4	210
181755 181764	90	2	210
181906 181915	90	2	210
181774 181783	90	2	240
181792 182318	90	4	240
181756 181765	90	2	240
181907 181916	90	2	240

Applications: Profiling of solid wood on Weinig Powermat machines.

Features: 20° hook standard, 12° available. Uses standard corrugated back knives.

Series 222.068

PowerDiaProfiler

Applications: A custom diamond tipped cutter-head for profiling MDF, hard, and exotic woods on Weinig Powermat machines.

Features: Topline polished edge and face, for long run times and optimum material finish.

[L R] BC Saw Tool Number	Cutter Diameter	Wing Count	[m/min] Rec'd Feed
TBD	100	2	33
TBD	100	3	50
TBD	100	4	66
TBD	100	5	83
TBD	100	6	100
TBD	100	7	117
TBD	100	8	133



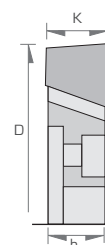
Series 122.200

Corner Notching Cutter - Homag

Applications: For producing sharp inside corners on Homag machines.

Features: Premium carbide, 24000 max rpm.

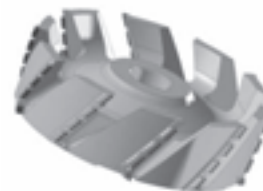
BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	b (mm) Bore Size	K (mm) Kerf
182457	75	4	13	15



Series 222.120

Reference Edge Trimming Cutters CM - Homag

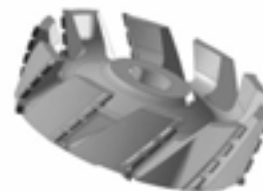
[L R] BC Saw Tool Number	(mm) Cutter Diameter	Wing Count	(mm) Bore Size	(mm) Kerf	(mm) Keyway
182129 182130	180	5+5	30	34	8x3.3
182131 182132	180	5+5	30	43	8x3.3
182133 182134	180	5+5	30	63	8x3.3



Series 222.120

Reference Edge Trimming Cutters CM - Homag

[L R] BC Saw Tool Number	(mm) Cutter Diameter	Wing Count	(mm) Bore Size	(mm) Kerf	(mm) Keyway
182135 182136	180	5+5	30	34	8x3.3
182137 182138	180	5+5	30	43	8x3.3
182139 182140	180	5+5	30	63	8x3.3

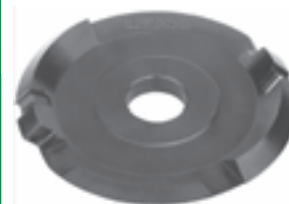


Series 120.325

Chamfering Cutterheads

Applications: Chamfering solid wood or composite boards on shapers.

BC Saw Tool Number	(mm) Cutter Diameter	Wing Count	(mm) Bore Size	(mm) Kerf	Max Speed
164970 164969	140	2	30	12	10000



Castor-Finish Spiral Cutter Heads

Series 459

Technical diagram of a BC Saw tool. It shows a cross-section of the tool with a central bore. The dimensions labeled are 'D' for the outer diameter, 'Length' for the overall length, and 'Bore' for the central hole diameter.

3D rendering of a BC Saw tool head. It is a cylindrical tool with multiple cutting edges (knives) arranged around its circumference. The tool has a central bore and a mounting flange at one end.

For Surface Planing and Planing of Solid Wood

BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	Number of Knives	(mm) Cutter Length	Bore Size
459.041	100	2+2	24	125	30 mm
459.040	100	2+2	24	125	35 mm
459.042	100	2+2	36	190	30 mm
459.039	100	2+2	36	190	35 mm
459.034	120	2+2	24	125	40 mm
459.031	120	2+2	24	125	50 mm
459.044	120	2+2	36	183	40 mm
459.035	120	2+2	36	190	40 mm
459.032	120	2+2	36	190	50 mm
459.036	120	2+2	46	240	40 mm
459.033	120	2+2	46	240	50 mm
459.156	125	2+2	26	130	40 mm
459.157	125	2+2	34	180	40 mm
459.037	125	2+2	36	190	40 mm
459.158	125	2+2	44	230	40 mm
459.159	125	2+2	46	236	40 mm
459.038	125	2+2	46	240	40 mm
459.170	125	2+2	26	130	1 13/16"
459.171	125	2+2	44	230	1 1/2"
459.172	125	2+2	46	240	1 1/2"
459.173	140	2+2	44	230	1 1/2"
459.174	140	2+2	46	240	1 13/16"
459.177	160	2+2	30	150	1 13/16"
459.178	160	2+2	44	230	1 1/2"
459.179	160	2+2	44	230	1 13/16"
459.180	160	2+2	46	240	1 13/16"
459.181	160	2+2	52	270	1 13/16"
459.161	160	2+2	34	180	50 mm
459.175	160	2+2	20	100	1 1/2"
459.176	160	2+2	20	100	1 13/16"

Reversible Knives

216.672 15 x 15 x 2.5

Countersunk Screw

851.040 T20 M5 x 14

Applications: For surface planing of solid wood. This cutter head creates a perfect finish cut without any marks caused by the overlapping of the knives.

Features: This is a high performance cutter that has a reduced noise level and good economic efficiency. The spiral arrangement of the knives with a shear cut achieve finish surfaces at low cutting forces.

Enshin Self Locking Planer Head

Series BC7

	BC Saw Tool Number	(mm) Cutter Diameter	Wing Count	(mm) Cutter Length	(mm) Bore Size
	BC789-375	125	4	100	40
	BC789-869	125	4	130	40
	BC789-078	125	4	150	40
	BC789-868	125	4	180	40
	BC789-866	125	4	230	40
	BC789-630	125	4	100	1-1/2"
	BC789-638	125	4	130	1-1/2"
	BC789-637	125	4	150	1-1/2"
	BC789-636	125	4	230	1-1/2"

Also available for Weing Powermat Machines.

Applications: For planing of solid wood on planers, shaper, and moulders.

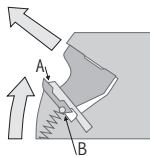
Features: Centrifugal clamping - fast knife changes.

Replacement Knives See Pg. 88

Series 469

Sinus Planing Cutter Head

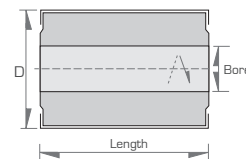
Applications: For pre-planing and finish planing of solid woods on shapers and moulder machines.



Features: The sinus planing cutter head utilizes a centrifugal clamping system, without having to use clamping screws and time-consuming adjustment procedures. A tempered chipbreaker (A) is used to precisely position the knives and a spring loaded ball (B) is used to hold the knife before clamping. The closed tool design and resharpenable knives make Sinus heads friendly and cost effective. See Sinus replacement knives on page 89.

Self-Lock Planing Cutterheads

BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	(mm) Cutter Length	Bore Size
469.105	100	3	120	30 mm
469.065	100	4	120	1 1/4"
469.113	120	4	130	40 mm
469.115	120	4	180	40 mm
469.116	120	4	230	40 mm
469.117	125	4	80	40 mm
469.121	125	4	100	40 mm
469.122	125	4	120	40 mm
469.159	125	2	130	40 mm
469.108	125	4	130	40 mm
469.162	125	2	180	40 mm
469.112	125	4	180	40 mm
469.212	125	2	190	40 mm
469.209	125	4	190	40 mm
469.163	125	2	230	40 mm
469.110	125	4	230	40 mm
469.164	125	2	240	40 mm
469.128	125	4	240	40 mm
469.066	125	4	130	1 1/4"
469.087	125	4	130	1 1/2"
469.089	125	4	180	1 1/2"
469.090	125	4	230	1 1/2"
469.195	140	4	130	50 mm
469.210	140	4	180	50 mm
469.197	140	4	230	50 mm
469.211	140	4	240	50 mm
469.094	140	4	130	1 13/16"
469.095	140	4	180	1 13/16"
469.096	140	4	230	1 13/16"



Knife Holder for Rounding and Beveling Knives

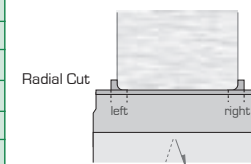
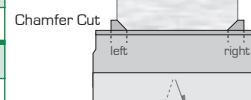
469.098 Knife Holder

Reversible Knives for Chamfer

216.214 2.5 x 45° right 216.212 2.5 x 45° left

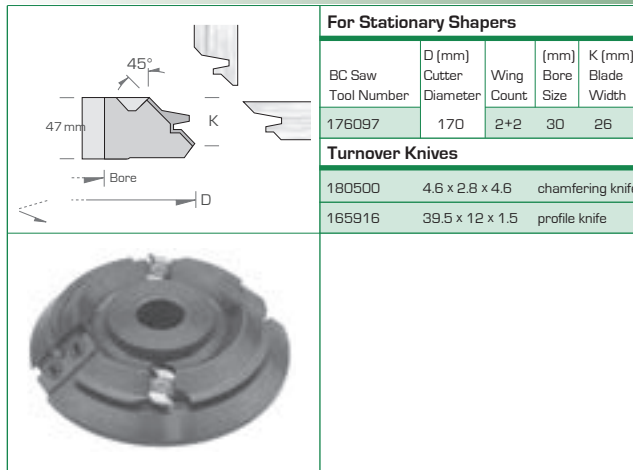
Reversible Knives for Rounding

216.605 r=1.0 right	216.604 r=1.0 left
216.152 r=1.5 right	216.150 r=1.5 left
216.580 r=2.0 right	216.579 r=2.0 left
216.142 r=2.5 right	216.140 r=2.5 left
216.638 r=3.0 right	216.637 r=3.0 left
216.270 r=3.5 right	216.268 r=3.5 left



Mitre Lock Joint Profile Cutter Head

Series 120.525



For Stationary Shapers

BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	[mm] Bore Size	K (mm) Blade Width
176097	170	2+2	30	26

Turnover Knives

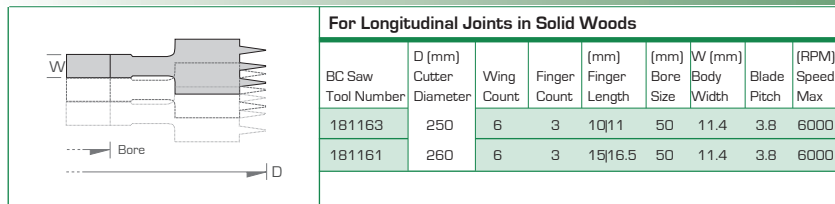
180500	4.6 x 2.8 x 4.6	chamfering knife
165916	39.5 x 12 x 1.5	profile knife

Applications: For cutting of mitre lock joints on stationary shapers or moulders. Designed for use in solid woods such as door cases, paneling and similar workpieces.

Features: The body is made from high-strength aluminum alloy and can handle wood thicknesses between 15-26 mm.

Mini Finger Joint Cutter

Series 322.500



For Longitudinal Joints in Solid Woods

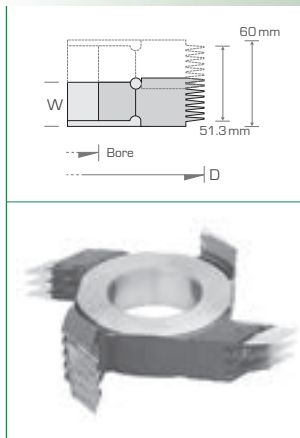
BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	Finger Count	[mm] Finger Length	[mm] Bore Size	W (mm) Body Width	Blade Pitch	(RPM) Speed Max
181163	250	6	3	10 11	50	11.4	3.8	6000
181161	260	6	3	15 16.5	50	11.4	3.8	6000

Applications: For longitudinal joints in solid wood on finger joint machines.

Features: The edge life of this cutter is 2-3 times as long as traditional mini-joint cutters.

Mini Finger Joint Cutter

Series 322.500

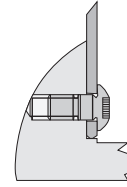


For Longitudinal Joints in Solid Woods									
BC Saw Tool Number	Cutter Type	D (mm) Cutter Diameter	Wing Count	Finger Count	[mm] Finger Length	[mm] Bore Size	W (mm) Body Width	Blade Pitch	(RPM) Speed Max
175740	Two	160	2	7	10 10	50	28.6	3.8	8000
175741	Two	160	2	7	10 11	50	28.6	3.8	8000
178966	Two	160	2	8	10 11	50	32.4	3.8	8000
175732	Three	160	2+2	7	10 10	50	28.6	3.8	8000
175733	Three	160	2+2	7	10 11	50	28.6	3.8	8000
181185	One	170	2	7	15 16.5	50	28.6	3.8	8000
175742	Two	170	2	7	15 15	50	28.6	3.8	8000
175743	Two	170	2	7	15 16.5	50	28.6	3.8	8000
175734	Three	170	2+2	7	15 15	50	28.6	3.8	8000
175735	Three	170	2+2	7	15 16.5	50	28.6	3.8	8000
181186	One	180	2	5	20 20	50	33	6.2	8000
181187	One	180	2	5	20 22	50	33	6.2	8000
175744	Two	180	2	5	20 20	50	33	6.2	8000
175745	Two	180	2	5	20 22	50	33	6.2	8000
175746	Two	250	3	7	10 10	50	28.6	3.8	6000
175747	Two	250	3	7	10 11	50	28.6	3.8	6000
175736	Three	250	3+3	7	10 10	50	28.6	3.8	6000
175737	Three	250	3+3	7	10 11	50	28.6	3.8	6000
181188	One	260	3	7	15 16.5	50	28.6	3.8	6000
175748	Two	260	3	7	15 15	50	28.6	3.8	6000
175749	Two	260	3	7	15 16.5	50	28.6	3.8	6000
175751	Two	260	3	5	20 22	50	33	6.2	6000
175738	Two	260	3+3	7	15 15	50	28.6	3.8	6000
175739	Two	260	3+3	7	15 16.5	50	28.6	3.8	6000

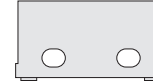
Applications: For longitudinal joints in solid woods on finger joint machines. Type one: designed for cutting soft woods in the production of gluelam/ construction timber and quality laminated timber; type two: specifically designed for longitudinal joints in solid soft woods; type three: designed for hard and exotic woods.

Leuco Eco Pro Cutters

The Eco Pro head and knives are custom profiled to a single profile, as specified by our customer. Although restricted to one profile, the low cost and relatively quick delivery times for Eco Pro increases the price-to-performance ratio. The light weight aluminum body results in longer spindle life and allows for Eco Pro cutters to run on small machining centres, double end tenoners, moulders and shapers. The simple design of two fixing screws with a single positioning point removes the need for a clamping element and backer plate, thus reducing costs and breakable parts. A larger gullet capacity and an available shear angle increases your production quality and tool life. Different knife grades are available to ensure optimal knife quality for cutting solid woods and wood materials. For high production of consistent profiles, Eco Pro cutters with bore or shank-type cutters will outperform all other insert tools. More information is available in our Leuco catalogue or from our customer service team.



- large gullet capacity
- multiple knife grades available
- simple clamping – 2 screw system
- lightweight aluminum body



3P Solid Carbide Knife –
guaranteed precise concentricity



Series 120.613

Applications: To profile solid woods and panel materials on moulders and double-end tenoners.

Features: Knives are profiled per customer specifications. Cutters come with a standard bore size of 30 mm, other bore sizes are available on some cutters, as listed.

For Profiling of Wood Materials and Solid Woods

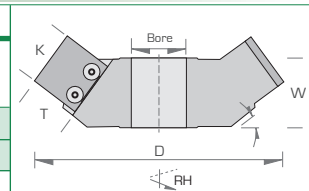
Tool Number	D (mm) Cutter Diameter	Wing Count	W (mm) Body Width	I (mm) Bore Max	Cutter Angle	Maximum Cut (mm)			(RPM) Speed Range
						[K] Width	[T] Depth		
179099	179349	150	2	49	30	30°	40	30	6300/7460
179059	179350	150	3	49	30	30°	40	30	6300/7460
179100	179351	160	2	56	30	30°	50	33	5800/6450
179060	179352	160	3	56	30	30°	50	33	5800/6450
179105	179359	165	2	46	30	45°	40	30	5300/6920
179063	179360	165	3	46	30	45°	40	30	5300/6920
179106	179361	165	2	53	30	45°	50	33	4600/6040
179064	179362	165	3	53	30	45°	50	33	4600/6040
179101	179353	180	2	50	50	30°	40	30	5000/6580
179102	179354	180	3	50	50	30°	40	30	5000/6580
179061	179355	180	4	50	50	30°	40	30	5000/6580
179103	179356	180	2	57	50	30°	50	33	5000/6700
179104	179357	180	3	57	50	30°	50	33	5000/6700
179062	179358	180	4	57	50	30°	50	33	5000/6700
179107	179363	195	2	46	50	45°	40	30	5300/6160
179108	179364	195	3	46	50	45°	40	30	5300/6160
179065	179365	195	4	46	50	45°	40	30	5300/6160
179109	179366	195	2	53	50	45°	50	33	4600/6320
179110	179367	195	3	53	50	45°	50	33	4600/6320
179066	179368	195	4	53	50	45°	50	33	4600/6320

Blanks for ECO PRO Cutterheads

178534H	40.1 x 30.4	fits cutter heads:	179059	179065	179102	179107
179534S			179061	179099	179105	179108
			179063	179101		
178540H	49.9 x 33	fits cutter heads:	179060	179066	179104	179109
179540S			179062	179100	179106	179110
			179064	179103		

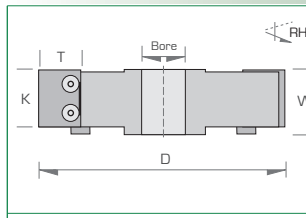
H Hardwood
S Softwood

Eco Pro Cutterhead



Eco Pro Cutter Head

Series 120.603



For Profiling of Wood Materials and Solid Woods

BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	W (mm) Body Width	(mm) Bore Max	Maximum Cut (mm)		(RPM) Speed Range
					(K) Width	(T) Depth	
179087	125	2	36	30	30	30	7700/10480
179050	125	3	36	30	30	30	7700/10480
179088	125	2	46	30	40	30	7700/9480
179051	125	3	46	30	40	30	7700/9480
179089	125	2	56	30	50	33	7700/8420
179052	125	3	56	30	50	33	7700/8420
179090	150	2	36	50	30	30	6200/9620
179053	150	3	36	50	30	30	6200/9620
179091	150	2	46	50	40	30	6200/8420
179054	150	3	46	50	40	30	6200/8420
179092	150	2	56	50	50	33	6200/7300
179055	150	3	56	50	50	33	6200/7300
179093	180	2	36	50	30	30	4800/8600
179094	180	3	36	50	30	30	4800/8600
179056	180	4	36	50	30	30	4800/8600
179095	180	2	46	50	40	30	4800/7520
179096	180	3	46	50	40	30	4800/7520
179057	180	4	46	50	40	30	4800/7520
179097	180	2	56	50	50	33	5200/6500
179098	180	3	56	50	50	33	5200/6500
179058	180	4	56	50	50	33	5200/6500

Blanks for ECO PRO Cutter Heads

178528H	30.2 x 30.4	fits cutter heads:	179050	179056	179090	179094
179528S			179053	179087	179093	
178534H	40.1 x 30.4	fits cutter heads:	179051	179057	179091	179096
179534S			179054	179088	179095	
178540H	49.9 x 33	fits cutter heads:	179052	179058	179092	179098
179540S			179055	179089	179097	

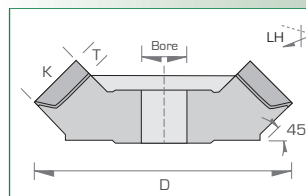
H Hardwood
S Softwood

Applications: To profile wood materials and solid woods, can be used on table shapers, moulders and double-end tenoners and machining centres.

Features: The special aluminum body on this cutter head can be custom profiled within a short lead time. On request a keyway or double keyway can be added for a surcharge.

Super Profiler

Series 120.622



For Profiling of Solid Woods and Panel Materials

Tool Number	D (mm) Cutter Diameter	Wing Count	(mm) Bore Size	Maximum Cut (mm)		(RPM) Speed Max	Key Ways
				(K) Width	(T) Depth		
176194	165	3	30	40	13	9000	8x3
176196	165	3	35	40	13	9000	10x4
176198	180	3	35	60	15	7200	10x4

Support Plate

178011	40 x 28
178008	60 x 30

SP-Blank

179112H	40.6 x 28.2
177367S	40.6 x 28.2
179113H	60.8 x 30.2
177368S	60.8 x 30.2

H Hardwood
S Softwood

Applications: For profiling of solid woods and panel materials to be used on moulders and double-end tenoners.

Features: Knives are profiled per customer specifications. Clamping elements are included in delivery of the cutter head; knives and blanks must be ordered separately.

Leuco Super Profilers

Use a variety of different knives and profiles in only one head. Leuco's super profilers are insert tools that consist of a body with clamping wedges for attachment of custom profiled carbide knives and support plates in various profile variations. These versatile insert tools allow one tool to cut many profiles, simply with the change of a knife and its corresponding backer plate. The various models shown below and on the following pages allow for a wide range of cutting depths, cutting heights and cutting diameters to run on shapers, moulders, double-end tenoners and CNC routers. With the option of multiple knife grades almost any material can be routed cleanly and accurately, including: soft woods, hardwoods and panel materials. The many features and options of Leuco super profilers ensure consistency, extended tool life and high production. For more information on super profilers with bore or shank-type super profilers, ask for our Leuco catalogue or speak to our sales representatives.



A Clamping Wedge
B Profile Knife
C Backer Plate



The following information is required when ordering a complete super profiler with profiled knives and backers:

1. Profile drawing or wood sample (see sample profiles pg 103-111)
2. Type and size of super profiler
3. Knife grade, determined by material being cut
4. Number of knives and backer plates



Super Profiler Blank



Profiled Knife
(view profile knives
pg 103-111)

Series 120.607

Super Profiler

Applications: For profiling solid wood and panel materials on shapers.

Features: Knives are profiled per customer specifications. Clamping elements are included in delivery of the cutter head; knives, blanks and deflector plates must be ordered separately.

For Profiling of Solid Woods and Panel Materials

BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	(mm)		Maximum Cut (mm)	
			Bore Size	Bore Max	(K) Width	(T) Depth
167263	125	2	30	35	40	13
167264	125	2	30	35	60	15

Support Plates

179112H	40.6 x 28.2
179113H	60.8 x 30.2
178007	40 x 28
178008	60 x 30

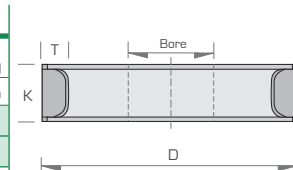
SP-Blanks

177367S	40.6 x 28.2
177368S	60.8 x 30.2

Deflector Plates

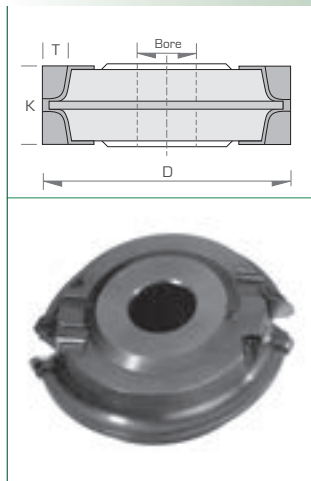
167267	40 x 28
167268	60 x 30

H Hardwood
S Softwood



Super Profiler

Series 120.607



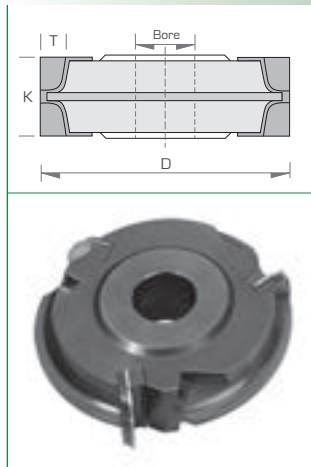
For Profiling of Solid Woods and Panel Materials						
BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	(mm)		Maximum Cut (mm)	
			Bore Size	Bore Max	(K) Width	(T) Depth
167897	125	2	30	35	40	13
Support Plate						
178011	40 x 28					
SP-Blanks						
179112H	40.6 x 28.2					
177367S	40.6 x 28.2					
Deflector Plates						
167898	40 x 28					
H Hardwood						
S Softwood						

Applications: For profiling of solid woods and panel materials on shapers.

Features: All knives are profiled per customer specifications. Clamping elements are included in delivery of the cutter head; knives, blanks and deflector plates need to be ordered separately.

Super Profiler

Series 120.602



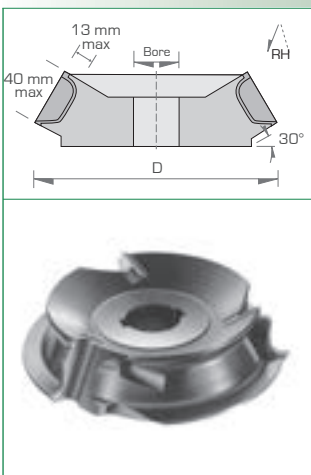
For Profiling of Solid Woods and Panel Materials								
BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	(mm)		Maximum Cut (mm)		(RPM)	Key Ways
			Bore Size	Bore Max	[K] Width	[T] Depth	Speed Max	
167856	125	2	30	35	40	13	12000	-
167858	150	3	30	60	40	13	10000	8x3
167860	150	3	40	60	40	13	10000	12x5
Support Plate								
178011	40 x 28							
SP-Blank								
177367S	40.6 x 28.2							
179112H	40.6 x 28.2							
H Hardwood								
S Softwood								

Applications: For profiling of solid woods and panel materials. Designed to be used on moulders and double-end tenoners.

Features: All knives are profiled per customer specifications. Clamping elements are included in delivery of the cutter head; knives and blanks must be ordered separately.

Super Profiler

Series 120.622



For Profiling of Solid Woods and Panel Materials							
Tool Number		D (mm) Cutter Diameter	Wing Count	(mm) Bore Size	Bore Max	(RPM) Speed Max	Key Ways
Right Hand	Left Hand						
168246*	-	125	3	30	30	12000	8x3
167968	167967	165	3	30	40	9000	8x3
166727	166726	180	3	35	60	8000	10x4
166729	166728	180	3	40	60	8000	12x5
168414	168413	180	4	60	60	8000	-
Support Plate							
179112H	40.6 x 28.2						
178007	40 x 28						
SP-Blank							
177367S	40.6 x 28.2						
* 15° Cutter Angle							
H Hardwood							
S Softwood							

Applications: For profiling of solid woods and panel materials to be used on moulders and double-end tenoners.

Features: Knives are profiled per customer specifications. Clamping elements are included in delivery of the cutter head; knives and blanks must be ordered separately.

Series 120.602

Super Profiler

Applications: For profiling of solid woods and panel materials. Designed for use on moulders and double-end tenoners.

Features: All knives are profiled per customer specifications. Clamping elements are included in delivery of the cutter head; knives and blanks must be ordered separately.

For Profiling of Solid Woods and Panel Materials

BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	(mm) Bore Size	Bore Max	Maximum Cut (mm) (K) Width (T) Depth	(RPM) Speed Max	Key Ways
167439	125	2	30	35	40 13	12000	8x3
167440	125	2	31.7	35	40 13	12000	-
167441	125	2	30	35	60 15	12000	8x3
167442	125	2	31.7	35	60 15	12000	-
166971	150	3	30	60	40 13	10000	8x3
176184	150	3	31.7	60	40 13	10000	-
166972	150	3	35	60	40 13	10000	10x4
166973	150	3	40	60	40 13	10000	12x5
166974	150	3	50	60	40 13	10000	-
166975	150	3	30	60	60 15	10000	8x3
166976	150	3	35	60	60 15	10000	10x4
166977	150	3	40	60	60 15	10000	12x5
166978	150	3	50	60	60 15	10000	-
176230	150	3	31.7	35	60 25	7200	-
176088	165	3	30	60	40 20	8500	8x3
166720	180	3	35	60	40 13	8000	10x4
166721	180	3	40	60	40 13	8000	12x5
166722	180	3	50	60	40 13	8000	-
168412	180	4	60	60	40 13	8000	-
168411L	180	4	60	60	40 13	8000	-
166723	180	3	35	60	60 15	8000	10x4
166724	180	3	40	60	60 15	8000	12x5
166725	180	3	50	60	60 15	8000	-
168127	180	3	31.7	60	60 25	6000	-
167053	180	3	35	60	60 25	6000	10x4
168130	180	3	40	60	60 25	6000	12x5
168131	180	3	50	60	60 25	6000	-
167993	180	3	40	60	80 25	6000	12x5
176089	200	3	35	60	40 20	7200	10x4

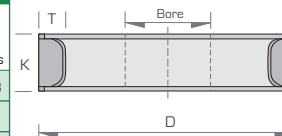
Support Plate

178007	40 x 28
178006	40 x 40
178008	60 x 30
178009	60 x 45
178013	80 x 45

SP-Blank

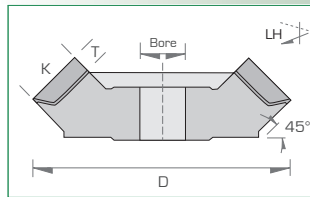
179112H	40.6 x 28
177367S	40.6 x 28
179113H	60.8 x 30
177368S	60.8 x 30
179115H	40.6 x 40
178844S	40.6 x 40
179999H	60.6 x 45
178845S	60.6 x 45
180016H	80.6 x 45
180017S	80.6 x 45

L Left Hand Rotation
H Hardwood
S Softwood



Ultra Profiler

Series UP



For Profiling of Solid Woods and Wood-Based Panels

Tool Number		D (mm) Cutter Diameter	Wing Count	(mm) Bore Size	Maximum Cut (mm)			(RPM) Speed Max
Right Hand	Left Hand				(K) Width	(T) Depth		
UP1000	UP1001	150	2	30	32	16	10500	
UP1002	UP1003	150	3	30	32	16	10500	
UP1004	UP1005	150	2	30	40	16	9500	
UP1006	UP1007	150	3	30	40	16	9500	
UP1008	UP1009	180	2	30	40	21	7500	
UP1010	UP1011	180	3	30	40	21	7500	
UP1012	UP1013	180	4	30	40	21	7500	
UP1014	UP1015	180	2	30	50	21	6500	
UP1016	UP1017	180	3	30	50	21	6500	
UP1018	UP1019	180	4	30	50	21	6500	
UP1020	UP1021	180	2	30	60	21	6000	
UP1022	UP1023	180	3	30	60	21	6000	
UP1024	UP1025	180	4	30	60	21	6000	
UP1026	UP1027	165	2	30	32	16	9500	
UP1028	UP1029	165	3	30	32	16	9500	
UP1030	UP1031	165	2	30	40	16	8500	
UP1032	UP1033	165	3	30	40	16	8500	
UP1034	UP1035	165	2	30	50	16	7500	
UP1036	UP1037	165	3	30	50	16	7500	
UP1038	UP1039	195	2	30	40	21	7000	
UP1040	UP1041	195	3	30	40	21	7000	
UP1042	UP1043	195	4	30	40	21	7000	
UP1044	UP1045	195	2	30	50	21	6500	
UP1046	UP1047	195	3	30	50	21	6500	
UP1048	UP1049	195	4	30	50	21	6500	
UP1050	UP1051	195	2	30	60	21	6000	
UP1052	UP1053	195	3	30	60	21	6000	
UP1054	UP1055	195	4	30	60	21	6000	
Blank								
182419	40.4 x 32							
182420	40.4 x 40							
182421	40.4 x 50							
182422	40.4 x 60							

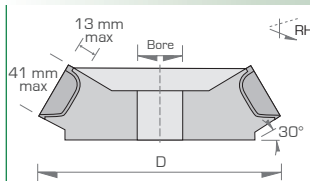
H Hardwood
S Softwood

Applications: For profiling of solid woods and panel materials. Designed for use on moulders and double-end tenoners.

Features: All knives are profiled per customer specifications. Clamping elements are included in delivery of the cutter head; knives and blanks must be ordered separately.

Poly Profiler

Series 120.622



For Profiling of Wood Materials and Solid Woods

Tool Number		D (mm) Cutter Diameter	Wing Count	(mm) Bore Size	Bore Max	(RPM) Speed Max	Key Ways
Right Hand	Left Hand						
180239	180240	180	3	35	40	7400	10x4
Support Plates							
180243	40 x 31						
SP-Blank							
180197H	41 x 32.5						

H Hardwood



Applications: To profile solid woods and panel materials. For use on moulders and double-end tenoners.

Features: All profile knives are cut per customer specifications. Clamping elements are included in delivery of the cutter head; the knives and blanks must be ordered separately.

Series UP

Applications: For profiling of solid woods and panel materials. Designed for use on moulders and double-end tenoners.

Features: All knives are profiled per customer specifications. Clamping elements are included in delivery of the cutter head; knives and blanks must be ordered separately.

Ultra Profiler

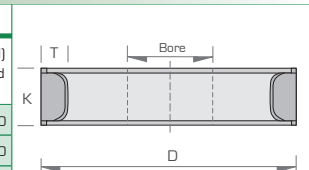
For Profiling of Solid Woods and Wood-Based Panels

BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	(mm) Bore		Maximum Cut (mm)	(RPM) Speed Max
			Size	Max		
UP2000	125	2	30	30	32 16	12000
UP2002	125	2	30	30	32 16	12000
UP2004	125	2	30	30	40 16	10500
UP2006	125	2	30	30	40 16	10500
UP2008	125	2	30	30	50 16	9500
UP2010	125	2	30	30	50 16	9500
UP2012	125	2	30	30	60 16	7200
UP2014	125	2	30	30	60 16	7200
UP2016	150	2	30	50	32 21	9000
UP2018	150	2	30	50	32 21	9000
UP2020	150	2	30	50	40 21	8000
UP2022	150	2	30	50	40 21	8000
UP2024	150	2	30	50	50 21	7500
UP2026	150	2	30	50	50 21	7500
UP2028	150	2	30	50	60 21	6500
UP2030	150	2	30	50	60 21	6500
UP2032	180	2	30	50	32 21	8500
UP2034	180	2	30	50	32 21	8500
UP2036	180	2	30	50	32 21	8500
UP2038	180	2	30	50	40 21	7500
UP2040	180	2	30	50	40 21	7500
UP2042	180	2	30	50	40 21	7500
UP2044	180	2	30	50	50 21	6500
UP2046	180	2	30	50	50 21	6500
UP2048	180	2	30	50	50 21	6500
UP2050	180	2	30	50	60 21	6000
UP2052	180	2	30	50	60 21	6000
UP2054	180	2	30	50	60 21	6000

Blank

182419	40.4 x 32
182420	40.4 x 40
182421	40.4 x 50
182422	40.4 x 60

L Left Hand Rotation
H Hardwood
S Softwood



Series 120.602

Applications: To profile solid woods and panel materials; for use on moulders and double-end tenoners.

Features: Knives are profiled per customer specifications. The 25° hook angle can be used for solid wood and the 15° hook angle can be used on panel materials. Clamping elements are included in delivery of the cutter head; knives and blanks must be ordered separately.

For Profiling of Solid Woods and Panel Materials

BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	(mm) Bore		Hook Angle	Maximum Cut (mm)		(RPM) Speed Max	Key Ways
			Size	Max		(K) Width	(T) Depth		
180230	150	3	30	60	25°	41	14.0	9000	8x3
180231	150	3	40	60	25°	41	14.0	9000	12x5
180233	150	3	40	60	25°	61	15.0	9000	12x5
180228	180	3	35	60	15°	41	17.5	7400	10x4
180232	180	3	40	60	25°	41	14.0	7400	12x5
180229	180	3	35	60	15°	61	18.0	7400	10x4

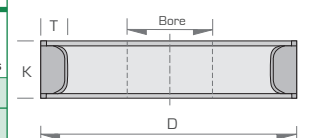
Support Plates

180243	40 x 31
180244	60 x 28

SP-Blanks

180197H	41 x 32
180198H	61 x 34

H Hardwood



CUTTER HEADS

Joining Cutters One-Part Version

Series 222.020



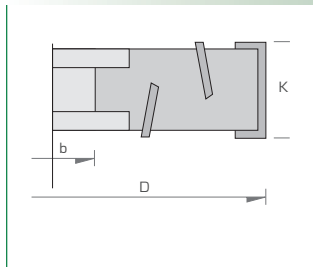
BC Saw Tool Number	(mm) Cutter Diameter	Wing Count	(mm) Bore Size	(mm) Kerf	(mm) Keyway	(m/min) Rec'd Feed
179013 179014	180	4+4	35	25	10x4	20
179015 179016	180	6+6	35	35	10x4	30
179017 179018	180	4+4	35	25	10x4	20

Applications: PCD cutter for jointing on double end tenoners and edge banders.

Features: Alternate shear for optimum surface finish. 35mm resharping zone.

Joining Cutterheads

Series 120.215



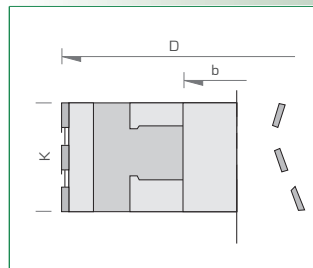
For Jointing of Plastic Laminated Panels						
BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	b (mm) Bore Size	K (mm) Kerf	(mm) Keyway	(RPM) Max Speed
171972	100	2x3	30	34	8x3	15000
177004	125	2x3	30	56	8x3	15000
177006	150	2x3	30	56	8x3	15000
Spare Knives						
BC Saw Tool Number	L (mm) Length	W (mm) Width	T (mm) Thickness			
003082	20	12	1.5			
003083	30	12	1.5			

Applications: Jointing of laminated composite panes on shapers.

Features: An insert tool with alternate shear for good surface finish. Manual feed.

Joining Cutters

Series 222.220



[L R] BC Saw Tool Number	(mm) Cutter Diameter	Wing Count	(mm) Bore Size	(mm) Kerf	(mm) Keyway	Corresponding Machine
182513 182512	70	1	30	54	8x3.3	HOLZ-HER aggregate 1801
182515 182514	70	2	30	54	8x3.3	HOLZ-HER aggregate 1801
182173 182172	100	2+2	30	53	8x2.3	HOLZ-HER

Joining Cutters

Series 222.220



[L R] BC Saw Tool Number	(mm) Cutter Diameter	Wing Count	(mm) Bore Size	(mm) Kerf	(mm) Keyway	Corresponding Machine
181166 181165	85	3+3	30	45	8x3	Ott
181153 181152	100	3+3	30	34	8x3	IMA, Brandt
181154 181155	100	3+3	30	48	8x3	IMA, Brandt, SCM-HDM
181516 181517	100	2+2	30	48	8x3	HOLZ-HER, SCM
181518 181519	100	2+2	30	63	8x3	HOLZ-HER, SCM
182175 182176	100	3+3	30	63	8x3	Brandt
182393 182392	100	3+3	30	63	8x3	SCM

Joining Cutters

Series 222.220



[L R] BC Saw Tool Number	(mm) Cutter Diameter	Wing Count	(mm) Bore Size	(mm) Kerf	(mm) Keyway	Corresponding Machine
181217 181216	180	4+4	35	43	10x3.3	Homag
181261 181262	180	4+4	35	63	10x3.3	Homag

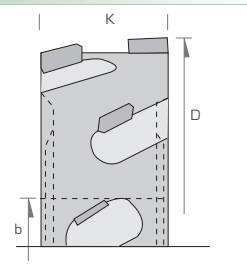
Series 222.020

Jointing Cutters CM

Applications: A PCD cutter for chip free jointing of laminated composite boards on edge banders including Homag.

Features: Chip meister design for optimum chip removal.

BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	b (mm) Bore Size	K (mm) Kerf	(mm) Keyway	(RPM) Max Speed
182585 182586	100	3+3	30	28	8x3	18000
182587 182588	100	3+3	30	34	8x3	18000
182589 182590	100	3+3	30	46	8x3	18000
182591 182592	100	3+3	30	63	8x3	18000
182575 182576	125	3+3	30	28	8x3	15000
182577 182578	125	3+3	30	34	8x3	15000
182579 182580	125	3+3	30	46	8x3	15000
182581 182582	125	3+3	30	63	8x3	15000



Series 120.210

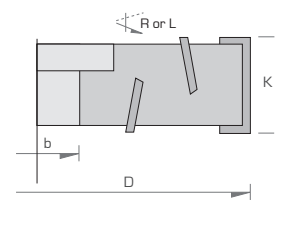
Jointing Cutterheads

Applications: Jointing of laminated composite boards on double end tenoners.

Features: An insert tool with alternate shear for good surface finish. Mechanical feed.

For Jointing of Plastic Laminated Panels							
BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	b (mm) Bore Size	K (mm) Kerf	(mm) Keyway	Rotation	(RPM) Max Speed
171971	100	2x3	30	34	8x3	R	15000
173594	100	2x3	30	56	8x3	L	15000
173593	100	2x3	30	56	8x3	R	15000
173636	100	2x3	30	56	8x3	R	15000
171191	150	2x3	30	56	8x3	R	10000
177002	180	2x3	35	56	10x4	R	8000

Spare Knives			
BC Saw Tool Number	L (mm) Length	W (mm) Width	T (mm) Thickness
003082	20	12	1.5
003083	30	12	1.5



Series 223.020

Jointing Cutters - Adjustable

Applications: Adjustable PCD cutter for jointing on double end tenoners and edge banders.

Features: Adjustable using shims. 3.5mm resharping zone.

BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	b (mm) Bore Size	K (mm) Kerf	(mm) Keyway	(m/min) Rec'd Feed
178798	150	3+3	30	22-28	8x3	23
178801	200	4+4	35	22-28	10x4	20
179073	200	5+5	35	22-28	10x4	25
178804	200	6+6	35	22-28	10x4	30



Series 222.220

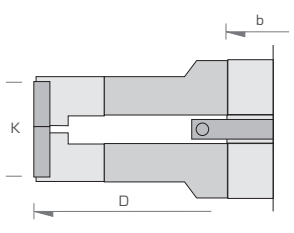
Jointing Cutters

[L R] BC Saw Tool Number	(mm) Cutter Diameter	Wing Count	(mm) Bore Size	(mm) Kerf	(mm) Keyway	Corresponding Machine
181241 181241	125	3+3	30	63	8x3	Homag
180714 180714	125	3+3	30	34	8x3	Homag
181175 181175	125	3+3	30	43	8x3	Homag



Joining Cutters - Progressively Adjustable

Series 223.020



BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	b (mm) Bore Size	K (mm) Keyway
180099 180098	200	2x[4+4]	40	22-28
180101 180100	200	2x[6+6]	40	22-28
180103 180102	200	2x[8+8]	40	22-28
180105 180104	200	2x[10+10]	40	22-28
180107 180106	240	2x[12+12]	40	22-28
180180 180179	240	2x[14+14]	40	22-28

Applications: A PCD adjustable joining cutter for double end tenoners with hexagon base.

Features: Hydro sleeves increase accuracy resulting in increased edge life.

Joining / Rabbeting Cutterheads

Series 120.265



BC Saw Tool Number	(mm) Cutter Diameter	Wing Count	(mm) Bore Size	(mm) Kerf	Max Speed
179181	125	2+2	30	44	10500
179180	140	4+4	30	60	9400

Applications: Joining and rabbeting on shapers.

Features: Opposite shear and spurs ensure clean cuts in solid wood and composite panels. Max rabbet depth: 30mm, aluminum body.

Rabbeting / Grooving Cutterheads

Series 121.255



BC Saw Tool Number	(mm) Cutter Diameter	Wing Count	(mm) Bore Size	(mm) Kerf	Max Speed
168005	160	4+4	30	26.4-40	8200
168007	160	4+4	30	36.4-60	8200

Applications: Adjustable cutter for joining and rabbeting on shapers.

Features: Adjustable with shims. Max rabbet depth: 43mm.

Joining / Rabbeting Cutterheads

Series 120.255



BC Saw Tool Number	(mm) Cutter Diameter	Wing Count	(mm) Bore Size	(mm) Kerf	Max Speed
167038	85	2+4	30	50	15000
167039	100	2+4	30	30	15000
167040	100	2+4	30	50	15000
167041	125	2+4	30	30	12000
167043	125	2+4	30	50	12000
167044	125	2+4	35	50	12000
167046	125	4+4	30	50	12000
167047	125	4+4	35	50	12000
167048	125	4+4	40	50	12000

Applications: Straight cutter for joining and rabbeting on shapers.

Features: Steel body with spurs for clean cuts.

Series 120.250

Jointing / Rabbeting Cutterheads

Applications: Jointing and rabbeting on moulders and double end tenoners.

Features: Steel body, straight cutting edges, and spur teeth.
Max 8000 RPM.

BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	b (mm) Bore Size	K (mm) Kerf	[mm] Keyway
167060	180	4+4	35	50	10x4
167061	180	4+4	40	50	12x5



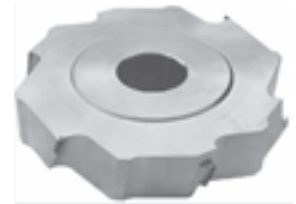
Series 222.225

Jointing / Rabbeting Cutters

Applications: PCD jointing and rabbeting cutter for shapers and Homag machines.

Features: Alternate shear teeth for optimum finish.

BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	b (mm) Bore Size	K (mm) Kerf	Max Speed
173710	125	2+2	30	25	10500
173786	125	2+2	50	25	10500
182704	125	2+2	30	43	10500



EDGE BANDING

Banding | Jointing
pg 62-64



Banding | Jointing
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Banding | Chamfering
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Rounding
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Diamax Edge Trimming
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Diamax Banding | Chamfering
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Diamax Rounding
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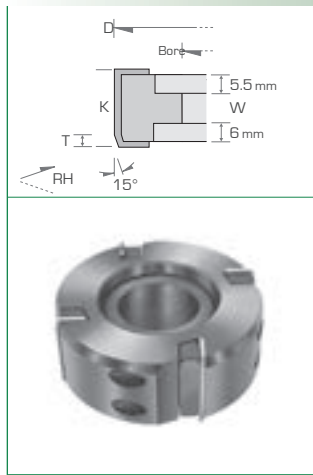
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Edge Banding | Jointing Cutter Head

Series 120.100



For Jointing and Flush Cutting of Edge Bands

Tool Number		D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size	T (mm) Depth of Cut
Right Hand	Left Hand						
164463	164462	70	4	29.5	17	20	5

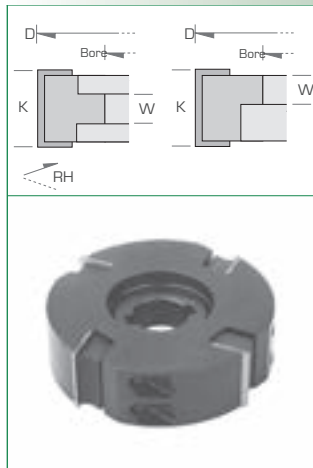
Turnover Knives

ICKC29.5G R or L	29.5 x 12 x 1.5
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Applications: For jointing and flush cutting of edge bands on Holz-Her edgebanders. Designed to cut solid wood, veneer and plastic edge bands.

Edge Banding | Jointing Cutter Head

Series 120.100



For Jointing and Flush Cutting of Edge Bands

BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size	Key Ways	Corresponding Machine(s)
167258	50	4	12	10	16	5x2.3	Sudhoff, EBM, Ney
164066	50	2	12	10	16	5x2.3	HomagHomburg
179139	50	4	15	10	16	5x2.3	EBM
164067	50	2	15	10	16	5x2.3	IMA, Raimann
169239	50	2	20	10	16	5x2.3	Holz-Her
167899	61	3	12	10	16	5x2.3	Homag
167900	61	3	20	11	16	5x2.3	Homag
164073	70	6	12	10	16	5x2.3	BrandtHomag
164068	70	4	12	10	16	5x2.3	BrandtHomag
164071	70	4	20	11	16	5x2.3	HomagHomburg
164069	70	4	20	20	16	5x2.3	Ott
164080	70	6	20	12.5	20	2/6x3.5	IMAIDM
164134L	70	6	20	12.5	20	2/6x3.5	IMAIDM
164079	70	4	20	12.5	20	6x3.5	BrandtHomag
164133L	70	4	20	12.5	20	6x3.5	BrandtHomag
164070	70	4	20	11	20	6x3.5	Holz-Her
164072	80	4	40	25	30	8x3.3	Holz-Her

Turnover Knives

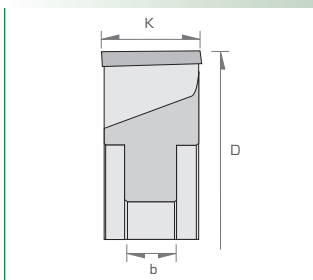
ICK12G	12 x 12 x 1.5
ICK15G	15 x 12 x 1.5
ICK20G	20 x 12 x 1.5
ICK40G	40 x 12 x 1.5

L Left Hand Rotation

Applications: For jointing and flush cutting of edge bands. Designed to cut solid wood, veneer and plastic edge bands.

Edge Jointing Cutters

Series 222.210



For Jointing & Flush Cutting on Stefani Machines

Tool Number		D (mm) Cutter Diameter	K (mm) Blade Kerf	Wing Count	(mm) Keyway	b (mm) Bore Size
Right Hand	Left Hand					
182409	182410	80	20	4	5x2.3	16

Applications: For jointing and flush cutting of edge bands on SCM-Stefani machines with ED system.

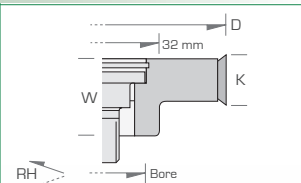
Series 120.101

Edge Banding | Jointing Cutter Head

Applications: For jointing and flush cutting of edge bands on Homag and IMA edgebanders. Designed to cut solid wood, veneer and plastic edge bands.

Features: The new interface, HSK 25R, offers a high radial running accuracy and precise tool balancing to ensure an optimum quality of cut.

For Flush Cutting and Chamfering of Edge Bands						
Tool Number		D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size
Right Hand	Left Hand					
177591	177592	70	4	14.3	23	HSK25R
Turnover Knives						
ICKD14.3G		14.3 x 14.3 x 2.5				



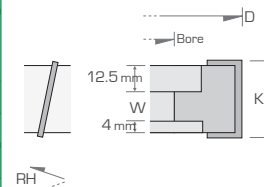
Series 120.110

Edge Banding | Jointing Cutter Head

Applications: For jointing and flush cutting of edge bands on Brandt edgebanders. These are designed to cut solid wood, veneer and plastic edge bands.

For Jointing and Flush Cutting of Edge Bands							
Tool Number		D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size	Key Ways
Right Hand	Left Hand						
170189	170190	70	4	29.5	11	16	5x2.3
Turnover Knives							
ICK30G		30 x 12 x 1.5					

L Left Hand Rotation



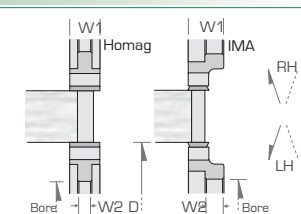
Series 120.101

Edge Banding | Jointing Cutter Head

Applications: For jointing and flush cutting of edge bands on Homag and IMA edgebanders. Designed to cut solid wood, veneer and plastic edge bands.

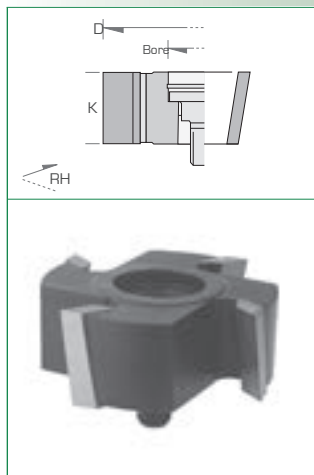
For Jointing and Flush Cutting of Edge Bands							
BC Saw Tool Number	D (mm) Cutter Diameter	Wing Count	W1 (mm) Outer Width	W2 (mm) Inner Width	(mm) Bore Size	Key Ways	Corresponding Machine(s)
170247	70	4	14.3	10	16	5x2.3	Homag
172718	70	4	14.3	13	20	6x3.5	IMA
172717L	70	4	14.3	13	20	6x3.5	IMA
168510	70	4	20.0	10	16	5x2.3	Homag
Turnover Knives							
ICKD14.3G		14.3 x 14.3 x 2.5					
ICKD20G		20 x 14.3 x 2.5					

L Left Hand Rotation



Edge Banding | Jointing Cutter

Series 122.110



For Flush Cutting and Chamfering of Edge Bands

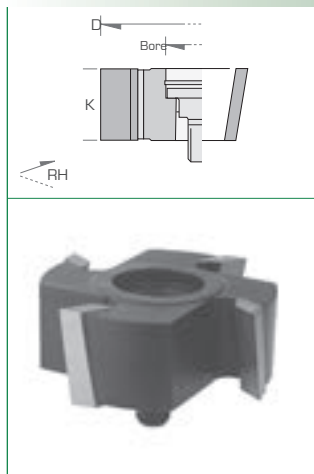
Tool Number		D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	(mm) Bore Size
Right Hand	Left Hand				
177589	177590	70	4	25	HSK25R
178034	178035	70	4	35	HSK25R

Applications: For flush cutting and chamfering of edge bands on Homag and IMA edgebanders. This cutter is designed to cut solid wood, veneer and plastic edge bands.

Features: The new interface, HSK 25R, offers high radial running accuracy and precise tool balancing to ensure an optimum quality of cut.

Edge Banding | Jointing Cutter

Series 122.110



For Flush Cutting and Chamfering of Edge Bands

Tool Number		D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	(mm) Bore Size
Right Hand	Left Hand				
180766	180765	70	4	25	HSK25R

Applications: For flush cutting and chamfering of edge bands on Homag edgebanders. Designed to cut solid wood, veneer and plastic edge bands.

Features: The new interface, HSK 25R, offers high radial running accuracy and precise tool balancing to ensure an optimum quality of cut. An internal chip evacuation on this cutter provides improved chip disposal. Advantages from this feature include: less chips remaining inside the machine—leading to fewer malfunctions, and noise reduction from a decrease in suction power.

Series 122.110

Edge Banding | Jointing Cutter

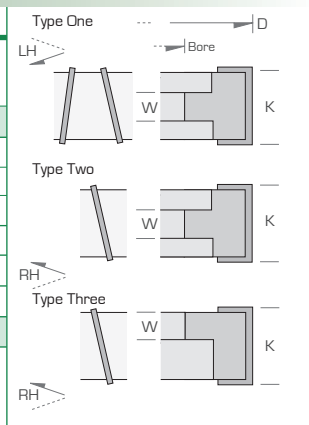
Applications: For jointing and flush cutting of edge bands. Designed to cut solid wood, veneer and plastic edge bands using a shear angle of 10°.

For Jointing and Flush Cutting of Edge Bands

Tool Number		Cutter Type	D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size	Key Ways	Corresponding Machine
Right Hand	Left Hand								
160642*	-	One	55	4	20	10.0	16	5x2.3	Raimann
160645	-	One	70	4	35	20.0	20	6x2.8	-
180795	180796	Two	70	4	25	10.5	16	5x2.3	Homag
772981	772982	Three	70	4	23	12.5	20	6x3.5	IMA
057388	057387	Three	70	4	25	10.5	16	5x2.3	-
006290	006291	Three	70	4	25	12.5	20	6x3.5	IMA
164466	-	Three	70	4	25	20.0	16	5x2.3	Ott
160647**	160109**	Two	100	4	25	15.0	30	-	-

* 5° Shear Angle

** 15° Shear Angle



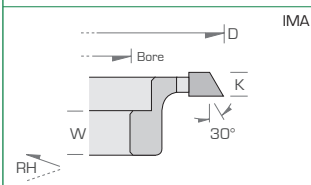
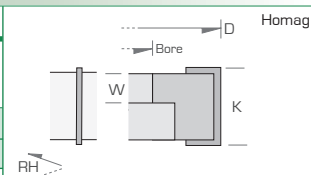
Series 122.100

Edge Banding | Jointing Cutter

Applications: For flush cutting and chamfering of edge bands. Designed to cut solid wood, veneer and plastic edge bands.

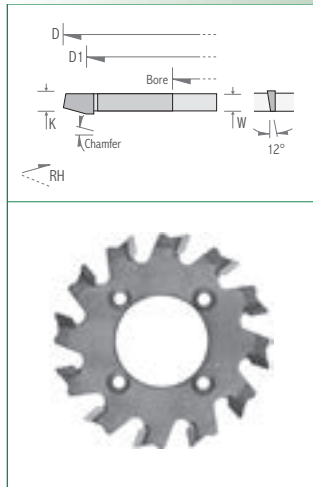
For Flush Cutting and Chamfering of Edges

Tool Number		D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size	Key Ways	Corresponding Machine
Right Hand	Left Hand							
006292	006293	50	4	20	10	16	5x2.3	Homag
171239	171240	73	12	6	12	20	6x3.5	IMA



Edge Banding | Jointing Cutter

Series 122.110



For Flush Cutting and Chamfering of Edges								
Tool Number		D (mm) Cutter Diameter	D1 (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size	Chamfer Angle
Right Hand	Left Hand							
819481	819482	66	60	6	4.0	3	16	15°
164657	164658	96	—	12	5.8	5	40	16°

Applications: For chamfering and flush cutting of edge bands on Brandt edgebanders. These are designed to cut solid wood, veneer and plastic edge bands.

Edge Banding | Jointing Cutter

Series 122.110

Type One		For Flush Cutting and Jointing of Edge Bands							
Tool Number		Cutter Type		D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	(mm) Body Width	(mm) Bore Size	
Top	Bottom								
658554	658554	One		70	6	6	3.5	30	
716658	716657	Two		70	6	6	6.0	30	

Applications: For jointing and flush cutting of edge bands. Cuts solid wood, veneer and plastic edge bands.

Features: Countersunk on both sides. Type one: one part version for application on the top and bottom on IMA machines with Combiform; type two: two part version for IMA machines with a gluing device.

Edge Banding | Chamfering Cutter

Series 122.110

Type One		For Flush Cutting and Chamfering of Edge Bands							
Tool Number		Cutter Type		D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size	
Top	Bottom								
658797	658796	One		70	6	6	3.5	30	
180159	180160	Two		70	6	6	6.0	30	
180164	180163	Two		70	9	9	9.0	30	
180161*	180162*	Two		70	9	9	9.0	30	

* 2° Cutter Angle

Applications: For chamfering and flush cutting of edge bands. Designed to cut solid wood, veneer and plastic edge bands.

Features: Type one: one part version for application on the top and bottom on IMA machines with Combiform; type two: two part version for IMA machines with a gluing device.

Series 120.120

Edge Banding | Chamfering Cutter Head

Applications: For chamfering and flush cutting of edge bands on Homag and Holz-
Her edgebanders. Designed to cut solid
wood, veneer and plastic edge bands.

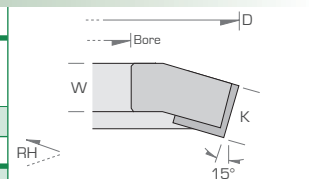
Features: This edgebander is made with an
optimum tool balance.

For Flush Cutting and Chamfering of Edge Bands

Tool Number		D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size
Right Hand	Left Hand					
167734	167735	65	3	12	11	16

Turnover Knives

ICKA12G	12 x 12 x 1.5
---------	---------------



Series 120.120

Edge Banding | Chamfering Cutter Head

Applications: For chamfering and flush
cutting of edge bands on Homag and IMA
edgebanders. Designed to cut solid wood,
veneer and plastic edge bands.

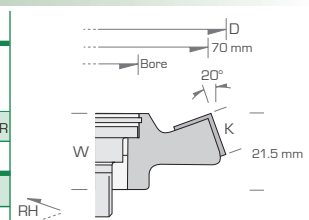
Features: The new interface, HSK 25R,
offers high radial running accuracy and precise
tool balancing to ensure an optimum quality
of cut.

For Flush Cutting and Chamfering of Edge Bands

Tool Number		D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size
Right Hand	Left Hand					
177593	177594	77	4	12	23	HSK25R

Turnover Knives

ICKA12G	12 x 12 x 1.5
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Series 120.100

Edge Banding | Chamfering Cutter Head for BAZ

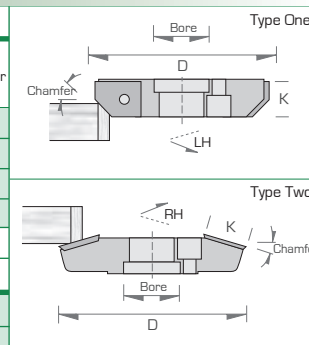
Applications: For chamfering and flush cutting
of edge bands on Homag BAZ. Type one:
for solid wood and plastic edge bands; type
two: for especially thin edge bands.

For Flush Cutting and Chamfering of Edge Bands

Tool Number		Cutter Type	D (mm) Cutter Diameter	Wing Count	W (mm) Body Width	(mm) Bore Size	Chamfer Angle
Right Hand	Left Hand						
179206	179207	One	60	3	12.0	19	5°
178633	178634	One	60	3	12.0	19	15°
178631	178632	One	60	3	13.5	19	30°
178629	178630	One	60	3	12.0	19	45°
178639	178640	Two	62	3	14.0	19	15°

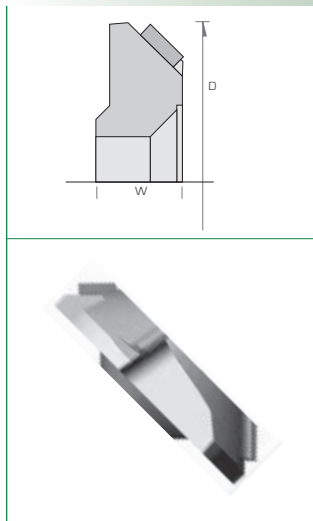
Turnover Knives

179173	179174	12 x 16 x 2	5°
177045	177042	12 x 16 x 2	15°
177046	177043	13.5 x 16 x 2	30°
177822	177823	12 x 16 x 2	45°



Edge Chamfering Cutters

Series 222.312

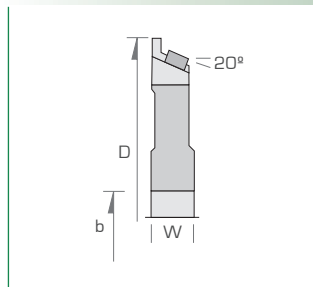


For Chamfering of Edge Bands on HOLZ-HER Machines

Tool Number		D (mm) Cutter Diameter	(mm) Cutter Radius	Wing Count	W (mm) Body Width	(mm) Bore Size
Right Hand	Left Hand	Diameter	Radius	Count	Width	Size
182508	182509					
		72.5	17	4	19	20

Edge Chamfering Cutters

Series 222.15



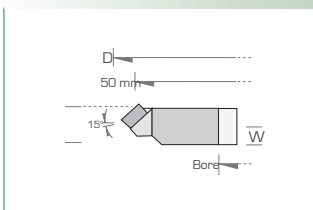
For Rounding of Edge Bands on Stefani Machines

Tool Number		D (mm) Cutter Diameter	Wing Count	W (mm) Body Width	b (mm) Bore Size	(mm) Keyway
Right Hand	Left Hand	Diameter	Count	Width	Size	Keyway
182303	182302					
		73	4	12	12	4 x 2.15

Applications: For chamfer cutting of plastic edgebands, solid wood, and veneers on SCM-Stefani machines with ED system.

Edge Chamfering Cutters

Series 222.512



For Chamfering on HOLZ-HER Machines

Tool Number		D (mm) Cutter Diameter	r (mm) Cutter Radius	Wing Count	W (mm) Body Width	(mm) Bore Size	Key Ways
Left Hand	Right Hand	Diameter	Radius	Count	Width	Size	Key Ways
182147	182148						
		52	8.5	2	12.5	16	5x2.3

Applications: For chamfer cutting of edge bands on HOLZ-HER machines.

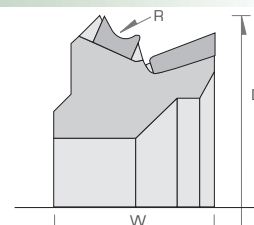
Series 222.312

Edge Rounding Flush-Cutting Cutters

Applications: For rounding and flush cutting of solid wood, veneer, and plastic edgebands on HOLZ-HER edge band machines with aggregate 1833.

Features: PCD with chip meister technology for optimum chip removal.

Tool Number		R (mm) Radius	D (mm) Cutter Diameter	Wing Count	W (mm) Body Width	b (mm) Bore Size	(mm) Keyway
Right Hand	Left Hand						
182480	182481	1	57.3	2	23	20	5 x 2.2
182490	182491	1	57.3	3	23	20	5 x 2.2
182482	182483	2	57.3	2	23	20	5 x 2.2
182492	182493	2	57.3	3	23	20	5 x 2.2
182484	182485	2.5	57.3	2	23	20	5 x 2.2
182494	182495	2.5	57.3	3	23	20	5 x 2.2
182486	182487	3	57.3	2	23	20	5 x 2.2
182496	182497	3	57.3	3	23	20	5 x 2.2
182488	182489	5	57.3	2	23	20	5 x 2.2
182498	182499	5	57.3	3	23	20	5 x 2.2



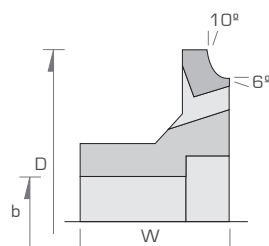
Series 122.110

Edge Rounding Cutters

Applications: For rounding of solid wood, veneer and plastic edgeband on SCM-Stefani machines with round/k aggregate.

Features: PCD, shear angles for optimum chip removal.

For Rounding of Edge Bands on Stefani Machines							
Tool Number		R (mm) Radius	D (mm) Cutter Diameter	Wing Count	W (mm) Body Width	b (mm) Bore Size	(mm) Keyway
Right Hand	Left Hand						
182447	182446	1	55.7	3	25.7	16	5 x 2.3
182449	182448	1.5	55.7	3	25.7	16	5 x 2.3
182451	182450	2	55.7	3	25.7	16	5 x 2.3
182453	182452	2.5	55.7	3	25.7	16	5 x 2.3
182455	182454	3	55.7	3	25.7	16	5 x 2.3



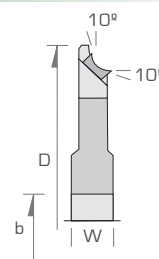
Series 222.512

Edge Rounding Cutters

Applications: For rounding of solid wood, veneer and plastic edgebands on SCM-Stefani machines with ED system.

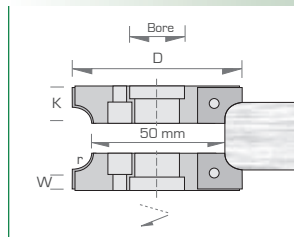
Features: PCD for long tool life.

For Rounding of Edge Bands on Stefani Machines							
Tool Number		R (mm) Radius	D (mm) Cutter Diameter	Wing Count	W (mm) Body Width	b (mm) Bore Size	(mm) Keyway
Right Hand	Left Hand						
182289	182288	1	73	4	12	12	4 x 2.15
182291	182290	1.5	73	4	12	12	4 x 2.15
182293	182292	2	73	4	12	12	4 x 2.15
182295	182294	2.5	73	4	12	12	4 x 2.15
182297	182296	3	73	4	12	12	4 x 2.15
182299	182298	4	73	4	12	12	4 x 2.15
182301	182300	5	73	4	12	12	4 x 2.15



Rounding Cutter Head for BAZ

Series 122.100



For Rounding of Edge Bands

Tool Number		D (mm) Cutter Diameter	r (mm) Cutter Radius	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size
Right Hand	Left Hand						
180748	180749	59	2	3	13	4	19
180750	180751	59	-	3	13	4	19
178794	178795	63	4	3	14	4	19
178796	178797	63	5	3	15	4	19

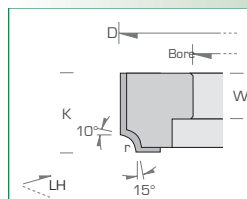
Turnover Knives

ICKM2G R or L	13 x 15 x 2	radius: 2 mm
ICKM3E R or L	13 x 15 x 2	radius: 3 mm
ICKM4G R or L	14 x 17 x 2	radius: 4 mm
ICKM5G R or L	15 x 17 x 2	radius: 5 mm

Applications: For rounding of edge bands on Homag BAZ. Designed to cut solid wood and plastic edge bands.

Edge Rounding Cutter Head

Series 120.102



For Rounding of Edge Bands

Tool Number		D (mm) Cutter Diameter	r (mm) Cutter Radius	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size	Key Ways
Right Hand	Left Hand							
168360	168359	70	3	4	20	12.5	20	6x3

Profile Knives

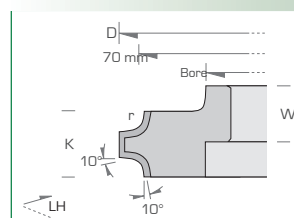
ICKJ3G R or L	20 x 16 x 2	radius: 3 mm
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Applications: For rounding of edge bands on IMA compact units. These are designed to cut solid wood and plastic edges.



Edge Rounding Cutter Head

Series 120.102



For Rounding of Edge Bands

Tool Number		D (mm) Cutter Diameter	r (mm) Cutter Radius	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size	Key Ways
Right Hand	Left Hand							
168374	168373	82	2	4	16	13	20	6x3.5
168354	168353	82	3	4	16	13	20	6x3.5
168376	168375	82	4	4	16	13	20	6x3.5
168378	168377	82	5	4	16	13	20	6x3.5

Profile Knives

169292	16 x 17.5 x 2	chamfering knife
ICKF2G3	16 x 17.5 x 2	radius: 2 mm
ICKF3G3	16 x 17.5 x 2	radius: 3 mm
ICKF4G2	16 x 17.5 x 2	radius: 4 mm
ICKF5G2	16 x 17.5 x 2	radius: 5 mm

Applications: For rounding of edge bands on IMA profiling units or length processing units. Designed to cut solid wood and plastic edges; for left or right hand rotation.



Series 120.102

Edge Rounding Cutter Head

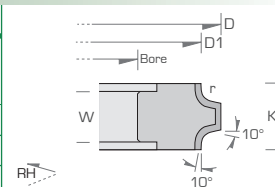
Applications: For rounding of edge bands on various edgebanders. Designed to cut solid wood and plastic edges: for left or right hand rotation.

For Rounding of Edge Bands

BC Saw Tool Number	D (mm) Cutter Diameter	D1 (mm) Cutter Diameter	r (mm) Cutter Radius	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size	Key Ways	Corresponding Machine
170338	57	50	2.0	2	12	12	16	5x2.3	Holz-Her
170339	57	50	3.0	2	12	12	16	5x2.3	Holz-Her
171189	57	50	45°	2	12	12	16	5x2.3	Holz-Her
177030	58	50	2.0	4	12	10	16	5x2.3	Brandt
173706	58	50	2.5	4	12	12	16	5x2.3	EBM
177031	58	50	3.0	4	12	10	16	5x2.3	Brandt
179997	62	50	2.0	2	16	10	16	5x2.3	Holz-Her
169241	62	50	3.0	2	16	10	16	5x2.3	Holz-Her
169242	62	50	4.0	2	16	10	16	5x2.3	Holz-Her
169243	62	50	5.0	2	16	10	16	5x2.3	Holz-Her
173379	62	50	45°	2	16	10	16	5x2.3	Holz-Her
171128	73	61	2.0	3	16	11	16	5x2.3	Homag
171129	73	61	3.0	3	16	11	16	5x2.3	Homag
171130	73	61	4.0	3	16	11	16	5x2.3	Homag
171131	73	61	5.0	3	16	11	16	5x2.3	Homag
173380	73	61	45°	3	16	11	16	5x2.3	Homag
171132	73	61	2.0	3	16	11	20	6x3.5	Holz-Her
171133	73	61	3.0	3	16	11	20	6x3.5	Holz-Her
171134	73	61	4.0	3	16	11	20	6x3.5	Holz-Her
171135	73	61	5.0	3	16	11	20	6x3.5	Holz-Her
173381	73	61	45°	3	16	11	20	6x3.5	Holz-Her
170254	81	61	6.0	3	24	11	16	5x2.3	Homag
170256	81	61	8.0	3	24	11	16	5x2.3	Homag
170257	81	61	9.0	3	24	11	16	5x2.3	Homag
170192	82	70	2.0	4	16	11	16	5x2.3	Brandt
170193	82	70	3.0	4	16	11	16	5x2.3	Brandt
170194	82	70	4.0	4	16	11	16	5x2.3	Brandt
170195	82	70	5.0	4	16	11	16	5x2.3	Brandt
172728	82	70	45°	4	16	11	16	5x2.3	Brandt
166882	82	70	2.0	4	16	11	20	6x3.5	IMA, Wilmsmeyer
166881	82	70	3.0	4	16	11	20	6x3.5	IMA, Wilmsmeyer
166880	82	70	4.0	4	16	11	20	6x3.5	IMA, Wilmsmeyer
166879	82	70	5.0	4	16	11	20	6x3.5	IMA, Wilmsmeyer
172729	82	70	45°	4	16	11	20	6x3.5	IMA, Wilmsmeyer

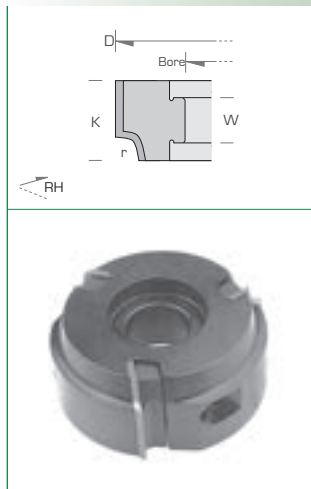
Turnover Knives

ICKF15G	16 x 17.5 x 2	radius: 1.5 mm	for diameters: 62, 73 or 82 mm
ICKF2G5	12 x 13 x 2	radius: 2 mm	for diameters: 58 mm
ICKF2G	12 x 12 x 1.5	radius: 2 mm	for diameters: 57 mm
ICKF2G3	16 x 17.5 x 2	radius: 2 mm	for diameters: 62, 73 or 82 mm
ICKF25G3	12 x 13 x 2	radius: 2.5 mm	for diameters: 58 mm
ICKF3G5	12 x 13 x 2	radius: 3 mm	for diameters: 58 mm
ICKF3G	12 x 12 x 1.5	radius: 3 mm	for diameters: 57 mm
ICKF3G3	16 x 17.5 x 2	radius: 3 mm	for diameters: 62, 73 or 82 mm
ICKF4G2	16 x 17.5 x 2	radius: 4 mm	for diameters: 62, 73 or 82 mm
ICKF5G2	16 x 17.5 x 2	radius: 5 mm	for diameters: 62, 73 or 82 mm
ICKF6G	24 x 22 x 2	radius: 6 mm	for diameters: 81 mm
ICKF8G	24 x 22 x 2	radius: 8 mm	for diameters: 81 mm
ICKF9G	24 x 22 x 2	radius: 9 mm	for diameters: 81 mm
171190	12 x 12 x 1.5	radius: -	for diameters: 57 mm
169292	16 x 17.5 x 2	radius: -	for diameters: 62, 73 or 82 mm



Edge Rounding Cutter Head

Series 120.102



For Rounding and Flush Cutting of Edge Bands

Tool Number		D (mm) Cutter Diameter	r (mm) Cutter Radius	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size	Key Ways
Right Hand	Left Hand							
177145	177146	70	2	3	30	17	20	6x3
177147	177148	70	2.5	3	30	17	20	6x3
177149	177150	70	3	3	30	17	20	6x3

Profile Knives

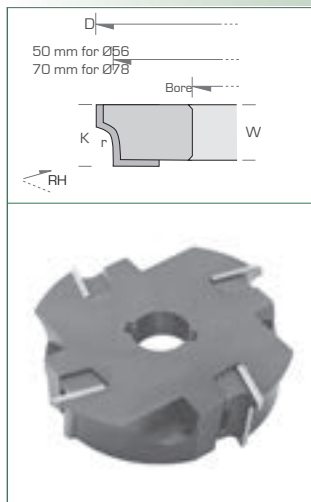
ICKJ2G R or L	30 x 14 x 2	radius: 2 mm
ICKJ25G R or L	30 x 14 x 2	radius: 2.5 mm
ICKJ3G R or L	30 x 14 x 2	radius: 3 mm

Applications: For rounding and flush cutting of edge bands on Holz-Her edgebanders. Designed to cut solid wood and plastic edges.

Features: This edgebander is made with an optimum tool balance.

Edge Rounding Cutter Head

Series 120.102



For Rounding and Flush Cutting of Edge Bands

Tool Number		D (mm) Cutter Diameter	r (mm) Cutter Radius	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size	Key Ways
Right Hand	Left Hand							
172137	172138	56	2.0	4	12	11	16	5x2.3
178214	178215	56	2.0	4	16	11	16	5x2.3
171219	171220	56	2.5	4	12	11	16	5x2.3
172139	172140	56	3.0	4	12	11	16	5x2.3
178216	178217	56	3.0	4	16	11	16	5x2.3
180440	180441	78	2.0	4	18.5	10	16	5x2.3
173388	173389	78	3.0	4	18.5	10	16	5x2.3

Profile Knives

ICKL2G R5 or L5	12 x 14.5 x 2	radius: 2 mm
ICKL2G R3 or L3	16.1 x 14 x 2	radius: 2 mm
ICKL2G R4 or L4	19.6 x 15.2 x 2	radius: 2 mm
ICKL25G R2 or L2	12 x 14.5 x 2	radius: 2.5 mm
ICKL3G R5 or L5	12 x 14.5 x 2	radius: 3 mm
ICKL3G R3 or L3	16.1 x 14 x 2	radius: 3 mm
ICKL3G R4 or L4	19.6 x 15.2 x 2	radius: 3 mm

Applications: For rounding and flush cutting of edge bands. Designed to cut solid wood and plastic edges.

Edge Rounding Cutters

Series 222.512



For Rounding of Edge Bands on HOLZ-HER Machines

Tool Number		R (mm) Radius	D (mm) Cutter Diameter	Wing Count	W (mm) Body Width	(mm) Bore Size
Right Hand	Left Hand					
182500	182501	1	72.5	4	19	20
182502	182503	2	72.5	4	19	20
182504	182505	2.5	72.5	4	19	20
182506	182507	3	72.5	4	19	20

Applications: Rounding of solid wood, veneer, and plastic edgeband on HOLZ-HER machines with aggregate 1833.

Series 120.102

Edge Rounding Cutter Head

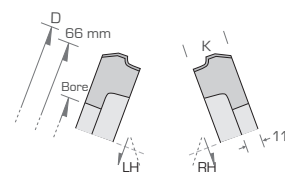
Applications: For rounding of edge bands on Homag edgebanders during the softforming process. Designed to cut solid wood and plastic edges.

For Rounding of Edge Bands

Tool Number		D (mm) Cutter Diameter	Cutter Radius	Wing Count	K (mm) Blade Width	(mm) Bore Size	Key Ways
Right Hand	Left Hand						
163080	163079	75	2	3	20.5	16	5x2.3
163082	163081	75	3	3	20.5	16	5x2.3
163086	163085	80	5	3	30	16	5x2.3
163088	163087	80	6	3	30	16	5x2.3
163090	163089	80	7	3	30	16	5x2.3
163092	163091	80	8	3	30	16	5x2.3

Turnover Knives

ICKE2G	20.5 x 15 x 2	radius: 2 mm
ICKE3G	20.8 x 15 x 2	radius: 3 mm
ICKE5G	30 x 17 x 2	radius: 5 mm
ICKE6G	30.5 x 17 x 2	radius: 6 mm
ICKE7G	30 x 17 x 2	radius: 7 mm
ICKE8G	30.5 x 17 x 2	radius: 8 mm



Series 120.102

Edge Rounding Cutter Head

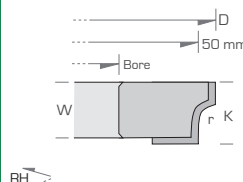
Applications: For rounding of edge bands on Brandt, EBM and Reich edgebanders. Designed to cut solid wood and plastic edges.

For Rounding and Flush Cutting of Edge Bands

Tool Number		D (mm) Cutter Diameter	Cutter Radius	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size	Key Ways
Right Hand	Left Hand							
179996	179995	56	2.0	3	15	11	16	5x2.3
177326	177325	56	2.5	3	15	11	16	5x2.3
177328	177327	56	3.0	3	15	11	16	5x2.3

Turnover Knives

ICKL2G	R2 or L2	15 x 14.5 x 2	radius: 2 mm
ICKL25G	R or L	15 x 14.5 x 2	radius: 2.5 mm
ICKL3G	R2 or L2	15 x 14.5 x 2	radius: 3 mm



Series 120.102

Edge Rounding Cutter Head

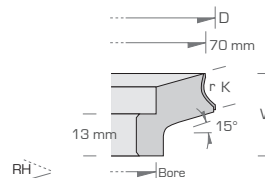
Applications: For rounding of edge bands on IMA edgebanders. These are designed to cut solid wood and plastic edges.

For Rounding of Edge Bands

Tool Number		D (mm) Cutter Diameter	Cutter Radius	Wing Count	K (mm) Blade Width	W (mm) Outer Width	(mm) Bore Size	Key Ways
Right Hand	Left Hand							
172707	172708	77.6	2	4	13	27.9	20	6x3.5
172709	172710	77.6	3	4	13	27.9	20	6x3.5
172711	172712	77.6	4	4	13	27.9	20	6x3.5

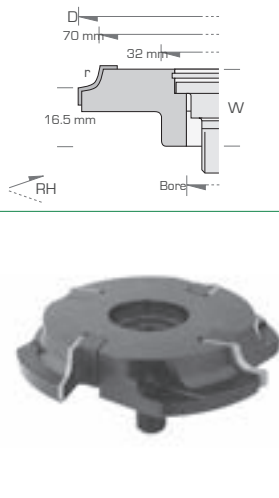
Turnover Knives

ICKH2G2	13 x 16 x 2	radius: 2 mm
ICKH3G2	13 x 16 x 2	radius: 3 mm
ICKH4G2	13 x 16 x 2	radius: 4 mm



Edge Rounding Cutter Head

Series 120.102

		For Rounding of Edge Bands						
Tool Number		D (mm) Cutter Diameter	r (mm) Cutter Radius	W (mm) Wing Count	W (mm) Body Width	(mm) Bore Size	Speed Max	
Right Hand	Left Hand							
177733	177734	79	1.5	4	23	HSK25R	18000	
177735	177736	79	2.0	4	23	HSK25R	18000	
177737	177738	79	2.5	4	23	HSK25R	18000	
177739	177740	79	3.0	4	23	HSK25R	18000	
177743	177744	85	4.0	4	24	HSK25R	17700	
177747	177748	85	5.0	4	24	HSK25R	17700	
177751	177752	85	6.0	4	24	HSK25R	17700	
177755	177756	91	7.0	4	27	HSK25R	16600	
177759	177760	91	8.0	4	27	HSK25R	16600	
177763	177764	91	9.0	4	27	HSK25R	16600	
177767	177768	97	10.0	4	30	HSK25R	15500	
177771	177772	97	11.0	4	30	HSK25R	15500	
177775	177776	97	12.0	4	30	HSK25R	15500	
Profile Knives								
Right Hand	Left Hand							
177605	177606	12 x 17 x 2	radius: 1.5 mm					
177607	177608	12 x 17 x 2	radius: 2 mm					
177609	177610	12 x 17 x 2	radius: 2.5 mm					
177611	177612	12 x 17 x 2	radius: 3 mm					
177615	177616	12 x 20 x 2	radius: 4 mm					
177619	177620	12 x 20 x 2	radius: 5 mm					
177623	177624	12 x 20 x 2	radius: 6 mm					
177627	177628	16 x 25 x 2	radius: 7 mm					
177631	177632	16 x 25 x 2	radius: 8 mm					
177635	177636	16 x 25 x 2	radius: 9 mm					
177639	177640	20 x 27 x 2	radius: 10 mm					
177643	177644	20 x 27 x 2	radius: 11 mm					
177647	177648	20 x 27 x 2	radius: 12 mm					

Applications: For rounding edge bands on Homag edgebanders. Designed to cut solid wood and plastic edges.

Features: The new interface, HSK 25R, offers high radial running accuracy and precise tool balancing to ensure an optimum quality of cut.

Edge Rounding Cutter Head

Series 120.112

For Rounding of Edge Bands

Tool Number		D (mm) Cutter Diameter	r (mm) Cutter Radius	W (mm) Wing Count	W (mm) Body Width	(mm) Bore Size	Speed Max
Right Hand	Left Hand						
180169	180170	80	2.0	4	23	HSK25R	18000
180171	180172	80	3.0	4	23	HSK25R	18000

Profile Knives

Right Hand Left Hand

ICKN2E R or L	12 x 18 x 2	radius: 2 mm
ICKN3E R or L	12 x 18 x 2	radius: 3 mm

Applications: For rounding of edge bands on IMA edgebanders. Designed to cut solid wood and plastic edges.

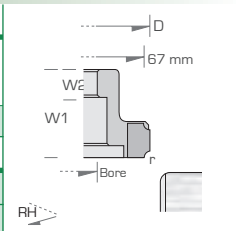
Features: The new interface, HSK 25R, offers high radial running accuracy and precise tool balancing to ensure an optimum quality of cut.

Series 120.115

Edge Rounding Cutter Head

Applications: For rounding and flush cutting of edge bands. Designed to cut solid wood, veneer and plastic edges.

For Rounding and Flush Cutting of Edge Bands							
Tool Number		D (mm) Cutter Diameter	(mm) Cutter Radius	Wing Count	W1 (mm) Outer Width	W2 (mm) Inner Width	(mm) Bore Size
Right Hand	Left Hand						
783003	783001	74	3.0	6	16	12	16
Turnover Knives							
ICKK2G		16 x 13.5 x 2	radius: 2 mm				
ICKK3G		16 x 13.5 x 2	radius: 3 mm				

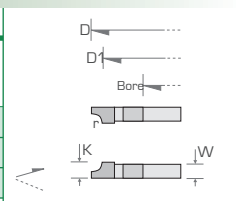


Series 122.115

Edge Rounding Cutter

Applications: For rounding and flush cutting of edge bands. Designed to cut solid wood, veneer and plastic edges.

For Rounding and Flush Cutting of Edge Bands								
Tool Number		D (mm) Cutter	D1 (mm) Cutter	Cutter	Wing	K (mm) Blade	W (mm) Body	(mm) Bore
Top	Bottom	Diameter	Diameter	Radius	Count	Width	Width	Size
819472	819471	66	60	2.0	6	6	6	16
819474	819473	66	60	2.5	6	6	6	16
819476	819475	66	60	3.0	6	6	6	16
820052	820051	96	86	2.0	6	8	6	40
820054	820053	96	86	2.5	6	8	6	40
820056	820055	96	86	3.0	6	8	6	40
820058	820057	96	86	3.5	6	8	6	40



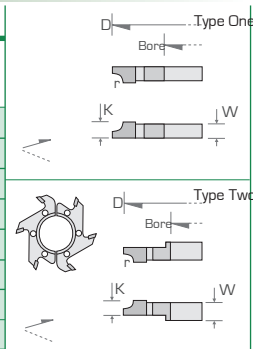
Series 122.112

Edge Rounding Cutter

Applications: For rounding and flush cutting of edge bands. Designed to cut solid wood, veneer and plastic edges.

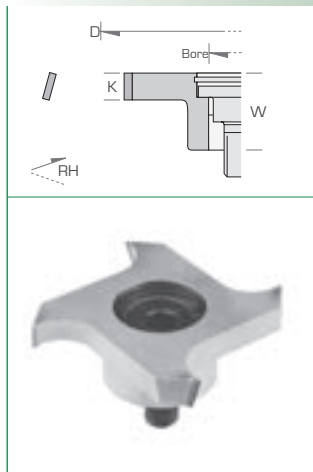
Features: Type one: one part version for IMA machines with Combiform and gluing devices; type two: two part version for IMA machines with gluing devices.

For Rounding and Flush Cutting of Edge Bands								
Tool Number		Cutter Type	D (mm) Cutter Diameter	(mm) Cutter Radius	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size
Top	Bottom							
833942	833941	One	70	1.0	6	6	3.5	30
827928	827927	One	70	2.0	6	6	3.5	30
658556	658555	One	70	2.5	6	6	3.5	30
823139	823140	One	70	3.0	6	6	3.5	30
827930	827929	One	70	4.0	6	8	3.5	30
827242	827236	One	70	5.0	6	8	3.5	30
827249	827248	One	70	6.0	6	10	3.5	30
180155	180156	Two	70	2.0	6	6	6.0	30
180157	180158	Two	70	2.0	6	9	9.0	30
708379	708378	Two	70	2.5	6	6	6.0	30
710972	710971	Two	70	2.5	6	7.6	6.0	30
180165	180166	Two	70	3.0	6	6	6.0	30
180167	180168	Two	70	3.0	6	9	9.0	30
713621	713620	Two	72	4.0	6	7.5	6.0	30
720378	833943	One	74	10.0	6	12	3.5	30
711046	711045	Two	74	5.0	6	8	6.0	30



Diamax Edge Banding | Jointing Cutter

Series 222.510



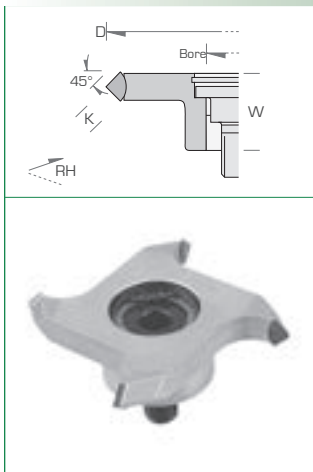
For Flush Cutting and Chamfering of Edge Bands						
Tool Number		D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size
Right Hand	Left Hand					
177652	177651	70	4	8	23	HSK 25R
177654	177653	70	4	15	23	HSK 25R
180493	180492	70	6	8	23	HSK 25R
180495	180494	70	6	15	23	HSK 25R

Applications: For flush cutting and chamfering of edge bands on Homag and IMA edgebanders. Designed to cut solid wood, veneer and plastic edge bands.

Features: The new interface, HSK 25R, offers high radial running accuracy and precise tool balancing to ensure an optimum quality of cut. This cutter has a low purchase price because of large scale manufacturing. However, it can not be resharpened because a constant diameter must be maintained.

Diamax Edge Banding | Chamfering Cutter

Series 222.530



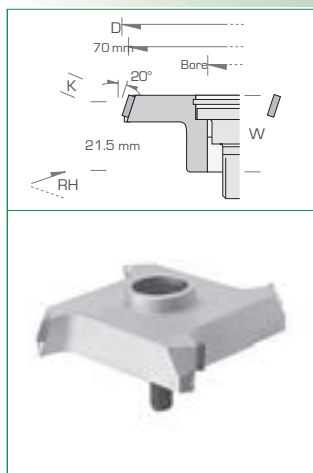
For Chamfering of Edge Bands						
Tool Number		D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size
Right Hand	Left Hand					
177706	177705	75	4	8	23	HSK 25R

Applications: For chamfering of edge bands and two-sided chamfering of grooves on Homag and IMA edgebanders. Designed to cut solid wood, veneer and plastic edge bands.

Features: The new interface, HSK 25R, offers high radial running accuracy and precise tool balancing to ensure an optimum quality of cut. This blade has a polished cutting face and a precise clearance angle; it can be resharpened.

Diamax Edge Banding | Chamfering Cutter

Series 222.510



For Flush Cutting and Chamfering of Edge Bands						
Tool Number		D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size
Right Hand	Left Hand					
177650	177649	73	4	6	23	HSK 25R

Applications: For flush cutting and chamfering of edge bands on Homag and IMA edgebanders. Designed to cut solid wood, veneer and plastic edge bands.

Features: The new interface, HSK 25R, offers high radial running accuracy and precise tool balancing. This cutter has a low purchase price because of large scale manufacturing. However, it can not be resharpened because a constant diameter must be maintained.

Series 222.812

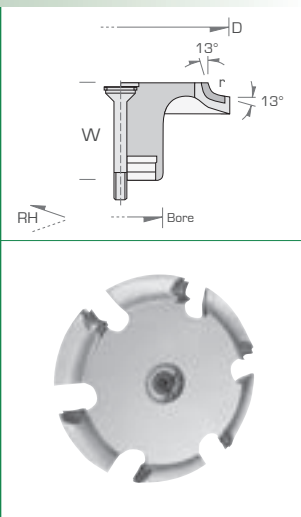
Diamax Radius Edge Trimming, with I-System

Applications: Made for the rounding and chamfering of edge bands on Homag edge banding machines.

Features: The HSK 32 interface leads to the highest concentricity. An internal chip evacuation on this cutter provides improved chip disposal. Advantages from this feature include: less chips remaining inside the machine—leading to fewer malfunctions, and noise reduction from a decrease in suction power. This cutter has a polished cutting face and a high-finish clearance angle. However, this tool cannot be resharpened because a constant root diameter needs to be maintained.

For Rounding and Chamfering of Edges on Homag Machines

Tool Number		D (mm) Cutter Diameter	(mm) Cutter Radius	Wing Count	W (mm) Body Width	(mm) Bore Size	Chamfer Angle
Right Hand	Left Hand						
180289	180288	64.8	–	4	34	HSK32	20°
180291	180290	64.8	–	6	34	HSK32	20°
180318	180319	64.8	–	4	34	HSK32	45°
180320	180321	64.8	–	6	34	HSK32	45°
180279	180278	74	1.5	4	33	HSK32	–
180314	180315	74	1.5	6	33	HSK32	–
180281	180280	74	2.0	4	33	HSK32	–
180285	180284	74	2.0	6	33	HSK32	–
180302	180303	74	2.5	4	33	HSK32	–
180316	180317	74	2.5	6	33	HSK32	–
180283	180282	74	3.0	4	33	HSK32	–
180287	180286	74	3.0	6	33	HSK32	–
180306	180307	74	4.0	4	33	HSK32	–
180305	180304	74	4.0	6	33	HSK32	–
180310	180311	74	5.0	4	33	HSK32	–
180309	180308	74	5.0	6	33	HSK32	–



Series 222.812

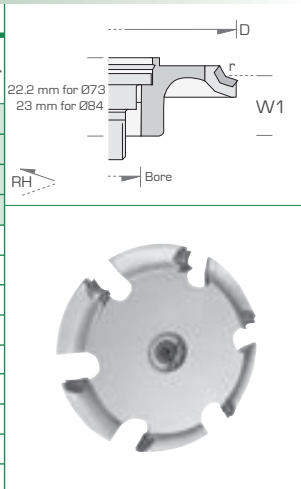
Diamax Radius Edge Trimming, with I-System

Applications: Made for the rounding and chamfering of edge bands on Homag edge banding machines.

Features: The new HSK 25R interface leads to the highest concentricity. An internal chip evacuation will provide improved chip disposal. Advantages from this feature include: less chips remaining inside the machine—leading to fewer malfunctions, and noise reduction from a decrease in suction power. This cutter has a polished cutting face and a high-finish clearance angle. However, this tool cannot be resharpened because a constant root diameter needs to be maintained.

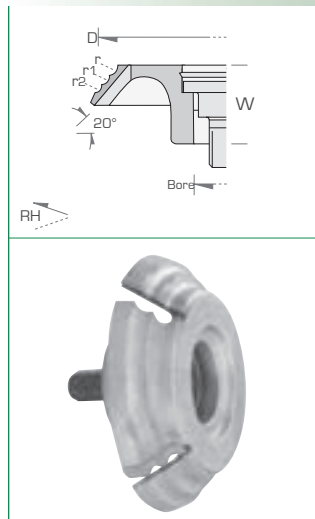
For Rounding and Chamfering of Edges on Homag Machines

Tool Number		D (mm) Cutter Diameter	(mm) Cutter Radius	Wing Count	W1 (mm) Outer Width	(mm) Bore Size	Chamfer Angle
Right Hand	Left Hand						
180579	180578	73	–	4	16.5	HSK25R	20°
180583	180582	73	–	6	16.5	HSK25R	20°
180581	180580	73	–	4	17.5	HSK25R	45°
180585	180584	73	–	6	17.5	HSK25R	45°
180543	180542	84	1.0	4	17.5	HSK25R	–
180561	180560	84	1.0	6	17.5	HSK25R	–
180545	180544	84	1.5	4	18	HSK25R	–
180563	180562	84	1.5	6	18	HSK25R	–
180547	180546	84	2.0	4	18.5	HSK25R	–
180565	180564	84	2.0	6	18.5	HSK25R	–
180549	180548	84	2.5	4	19	HSK25R	–
180567	180566	84	2.5	6	19	HSK25R	–
180551	180550	84	3.0	4	19.5	HSK25R	–
180569	180568	84	3.0	6	19.5	HSK25R	–
180553	180552	84	3.5	4	20	HSK25R	–
180571	180570	84	3.5	6	20	HSK25R	–
180555	180554	84	4.0	4	20.5	HSK25R	–
180573	180572	84	4.0	6	20.5	HSK25R	–
180557	180556	84	4.5	4	21	HSK25R	–
180575	180574	84	4.5	6	21	HSK25R	–
180559	180558	84	5.0	4	21.5	HSK25R	–
180577	180576	84	5.0	6	21.5	HSK25R	–



Diamax Edge Banding | Rounding | Chamfering Cutter, with I-System

Series 222.812



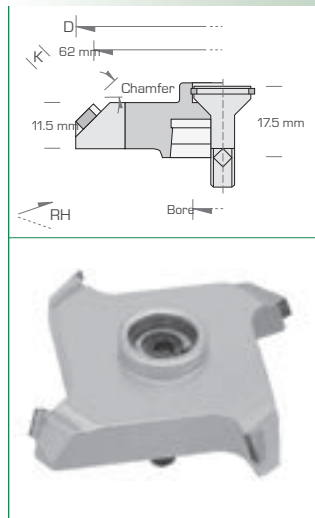
For Rounding and Chamfering of Edges on Homag Machines						
Tool Number		D (mm)	r, r1, r2 (mm)	W (mm)	(mm)	
Right Hand	Left Hand	Cutter Diameter	Cutter Radius	Wing Count	Body Width	Bore Size
180758	180757	81.1	3, 2	4	28	HSK25R
180760	180759	81.1	3, 2	6	28	HSK25R
180709	180708	81.1	1.5, 2, 3	4	28	HSK25R
180764	180763	81.1	1.5, 2, 3	6	28	HSK25R

Applications: For chamfering and rounding of edge bands on Homag edgebanding machines.

Features: Outfitted with the new HSK 25R interface. An internal chip evacuation on this cutter provides improved chip disposal. Made with a polished cutting face and a high-finish clearance angle. However, this tool cannot be resharpened because the basic size needs to remain constant.

Diamax Edge Banding | Chamfering Cutter

Series 222.512



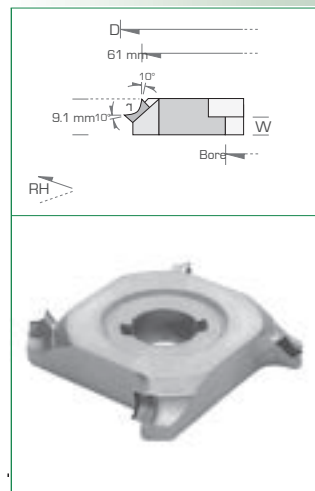
For Rounding and Chamfering of Edges on Homag Machines						
Tool Number		D (mm)	Wing Count	K (mm)	(mm)	Chamfer Angle
Right Hand	Left Hand	Cutter Diameter	Blade Width	Blade Size	Bore Size	
177404	177405	62.8 62	4	6	HSK32	5°
176493	176494	64.0 62	4	6	HSK32	20°
177406	177407	66.3 62	4	6	HSK32	30°
177408	177409	73.6 62	4	6	HSK32	45°

Applications: For chamfering of edge bands on Homag edgebanders.

Features: The short taper mounting surface allows high radial running accuracy and precise tool balancing to ensure an optimum quality of cut. This cutter has a low purchase price because of large scale manufacturing. However, it cannot be resharpened because a constant diameter must be maintained.

Diamax Edge Rounding Cutter

Series 222.512



For Rounding of Edge Bands on Homag and Brandt Machine							
Tool Number		D (mm)	r (mm)	W (mm)	(mm)	Key	
Right Hand	Left Hand	Cutter Diameter	Cutter Radius	Wing Count	Body Width	Bore Size	Way
177311	177312	69	2	4	12	16	5x2
177313	177314	69	3	4	12	16	5x2

Applications: For rounding of edge bands on Homag and Brandt edgebanders.

Features: This cutter has a low purchase price because of large scale manufacturing. Features include a polished cutting face and a precise clearance angle. This blade can be resharpened in a reduced area.

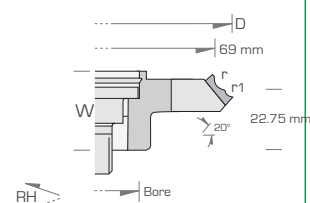
Series 222.512

Diamax Edge Rounding | Chamfering Cutter

Applications: For rounding and chamfering edge bands on Homag and IMA edgebanders. Designed to cut solid wood and plastic edges.

Features: The HSK 25R interface offers high radial running accuracy and precise tool balancing to ensure an optimum quality of cut. This cutter has a low purchase price because of large scale manufacturing, but cannot be resharpened because a constant diameter must be maintained.

For Rounding and Chamfering						
Tool Number		D (mm)	r, r1 (mm)	Wing	W (mm)	(mm)
Right Hand	Left Hand	Cutter Diameter	Cutter Radius	Count	Body Width	Bore Size
179077	179076	85	3, 2	4	28	HSK25R



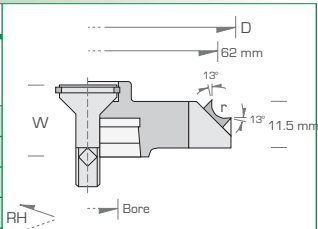
Series 222.512

Diamax Edge Rounding Cutter

Applications: For rounding of edge bands on Homag edgebanders.

Features: The HSK 32 interface has been shortened on this cutter. The short taper mounting surface allows high radial running accuracy and precise tool balancing for an optimum quality of cut. This cutter has a low purchase price because of large scale manufacturing, but it cannot be resharpened because a constant diameter must be maintained.

For Rounding of Edges on Homag Machines						
Tool Number		D (mm)	(mm)	W (mm)	(mm)	
Right Hand	Left Hand	Cutter Diameter	Cutter Radius	Wing Count	Body Width	Bore Size
179379	179378	69	1.0	4	17.5	HSK32
179381	179380	69	1.5	4	17.5	HSK32
179383	179382	69	2.0	4	17.5	HSK32
179385	179384	69	2.5	4	17.5	HSK32
179387	179386	69	3.0	4	17.5	HSK32
179377	179376	70	0.8	4	17.5	HSK32
179389	179388	72	3.5	4	17.5	HSK32
179391	179390	72	4.0	4	17.5	HSK32
179393	179392	72	4.5	4	17.5	HSK32
179395	179394	72	5.0	4	17.5	HSK32



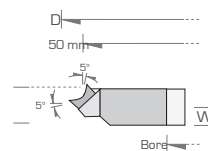
Series 222.512

Diamax Edge Rounding Cutter

Applications: For rounding of edge bands on Homag and Brandt edgebanders.

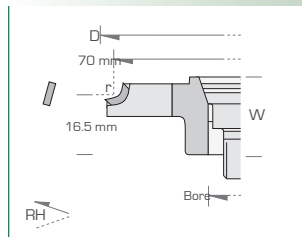
Features: This cutter has a low purchase price because of large scale manufacturing. Features include a polished cutting face and a precise clearance angle. This blade can be resharpened in a reduced area.

For Rounding of Edge Bands on HOLZ-HER Machines						
Tool Number		D (mm)	r (mm)	W (mm)	(mm)	
Left Hand	Right Hand	Cutter Diameter	Cutter Radius	Wing Count	Body Width	Bore Size
182141	182142	57	2	2	12.5	5x2.3
182143	182144	57	2.5	2	12.5	5x2.3
182145	182146	57	3	2	12.5	5x2.3



Diamax Edge Rounding Cutter

Series 222.512



For Rounding of Edge Bands

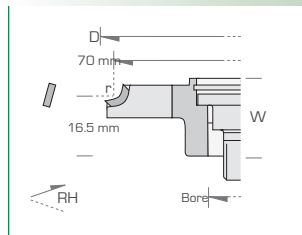
Tool Number		D (mm) Cutter Diameter	(mm) Cutter Radius	Wing Count	W (mm) Body Width	(mm) Bore Size
Right Hand	Left Hand					
178546	178545	75.1	1.0	6	23	HSK25R
178548	178547	76.1	1.5	6	23	HSK25R
178550	178549	77.5	2.0	6	23	HSK25R
178552	178551	78.1	2.5	6	23	HSK25R
178554	178553	78.8	3.0	6	23	HSK25R
178556	178555	80.0	3.5	6	23	HSK25R
178558	178557	81.2	4.0	6	23	HSK25R
178560	178559	82.3	4.5	6	23	HSK25R
178562	178561	83.3	5.0	6	23	HSK25R

Applications: For rounding edge bands on Homag and IMA edgebanders. To cut solid wood and plastic edges.

Features: The new interface, HSK 25R, offers high radial running accuracy and precise tool balancing. This cutter has a low purchase price because of large scale manufacturing; however, this cutter cannot be resharpened because a constant diameter must be maintained.

Diamax Edge Rounding Cutter

Series 222.512



For Rounding of Edge Bands

Tool Number		D (mm) Cutter Diameter	(mm) Cutter Radius	Wing Count	W (mm) Body Width	(mm) Bore Size
Right Hand	Left Hand					
177656	177655	75.1	1.0	4	23	HSK25R
177658	177657	76.1	1.5	4	23	HSK25R
177660	177659	77.5	2.0	4	23	HSK25R
177662	177661	78.1	2.5	4	23	HSK25R
177664	177663	78.8	3.0	4	23	HSK25R
177666	177665	80.0	3.5	4	23	HSK25R
177668	177667	81.2	4.0	4	23	HSK25R
177670	177669	82.3	4.5	4	23	HSK25R
177672	177671	83.3	5.0	4	23	HSK25R



Applications: For rounding edge bands on Homag and IMA edgebanders. Designed to cut solid wood, veneer and plastic edges.

Features: The interface, HSK 25R, offers high radial running accuracy and precise tool balancing ensuring an optimum quality of cut. This cutter has a low purchase price because of large scale manufacturing, but cannot be resharpened because a constant diameter must be maintained.

Series 222.512

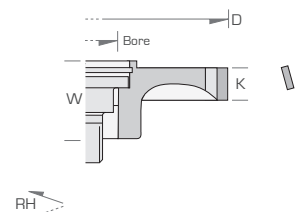
Diamax Edge Rounding Cutter, with I-System

Applications: For flush cutting or chamfering of edges on Homag edgebanding machines.

Features: The HSK 25R interface leads to the highest concentricity. An internal chip evacuation on this cutter provides improved chip disposal. Advantages from this feature include: less chips remaining inside the machine—leading to fewer malfunctions, and noise reduction from a decrease in suction power. This edgebander has a low purchase price because of large scale manufacturing. However, this tool cannot be resharpened because a constant root diameter needs to be maintained.

For Rounding of Edge Bands on Homag Machines

Tool Number		D (mm) Cutter Diameter	Wing Count	K (mm) Blade Width	W (mm) Body Width	(mm) Bore Size
Right Hand	Left Hand					
181177	181176	70	4	8	23	HSK25R
180935	180934	70	4	15	23	HSK25R
181179	181178	70	6	8	23	HSK25R
180937	180936	70	6	15	23	HSK25R
181181	181180	70	8	8	23	HSK25R

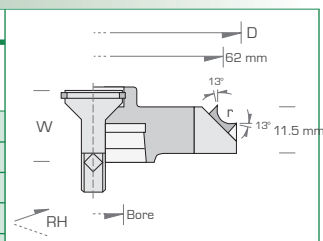


Series 222.512

Diamax Edge Rounding Cutter

For Rounding of Edges on Homag Machines

Tool Number		D (mm) Cutter Diameter	(mm) Cutter Radius	Wing Count	W (mm) Body Width	(mm) Bore Size
Right Hand	Left Hand					
178467	178466	69	1.0	6	17.5	HSK32
178469	178468	69	1.5	6	17.5	HSK32
178471	178470	69	2.0	6	17.5	HSK32
178473	178472	69	2.5	6	17.5	HSK32
178475	178474	69	3.0	6	17.5	HSK32
178465	178464	70	0.8	6	17.5	HSK32
178477	178476	72	3.5	6	17.5	HSK32
178479	178478	72	4.0	6	17.5	HSK32
178481	178480	72	4.5	6	17.5	HSK32
178483	178482	72	5.0	6	17.5	HSK32

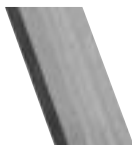


KNIVES

Flat Planer
pg 84



Corrugated
Back Planer
pg 85



Lock Edge
Shaper Steel
pg 85



Tersa Replacement
pg 86



Sinus Reversible
pg 87



Oerti Raker Turnover
pg 87



GBC Mini Turnover
pg 88



ICK Raker Turnover
pg 88-90



ICK, Two Radii
pg 91-92



ICK, One Radius
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Tersa Replacement Knives 86

A complete index can be found on page 138.

Selection Guide for Insert Knife Grades

The knives are grouped by material, which is listed on the inside column of each chart.	Particle Board	ICK30P	30 mm
		ICK50P	50 mm
The letters in the part number also represent the material grade.	Exotic Wood	ICK30E	30 mm
		ICK50E	50 mm
	Mirror Finish, Hardwood	ICK30HM	30 mm
		ICK40HM	40 mm
		ICK50HM	50 mm

G General Purpose

X MDF, HDF

P Particle Board

E Exotic Wood

HM Mirror Finish, Hardwood

SM Mirror Finish, Softwood

There are two ways to determine what grade of material is best suited for each individual knife. First, by looking at the inner column, the knives are grouped together based on what grade of material each cuts best. Second, at the end of every tool number there is a letter, which corresponds to the material the knife is designed for. Use these guidelines to choose the correct knife for your application.

Corrugated Back Planer Knives

Series KC

BC Saw Tool Number	L (in) Blade Length	W (in) Blade Width	T (in) Blade Thickness
KCM114	25	1 1/4	5/16
KCM112	25	1 1/2	5/16
KCM134	25	1 3/4	5/16
KCM2	25	2	5/16
KCM214	25	2 1/4	5/16
KCM212	25	2 1/2	5/16
KCM234	25	2 3/4	5/16
KCM3	25	3	5/16

NAP GLADU's corrugated back knives are designed, machined and tempered to provide easy, consistent grinding and high productivity. A Quality steel that out performs M2 or M3 for greater durability and longer edge life, these knives are offered as bar stocks which can be cut to size and/or profiled in house.

Lock Edge Shaper Steel Knives

Series KL

BC Saw Tool Number	L (in) Blade Length	H (in) Blade Height	T (in) Blade Thickness
KL3414	25	3/4	1/4
KL114	25	1	1/4
KL11414	25	1 1/4	1/4
KL11214	25	1 1/2	1/4
KL13414	25	1 3/4	1/4
KL214	25	2	1/4
KL21414	25	2 1/4	1/4
KL21214	25	2 1/2	1/4
KL34516	25	3/4	5/16
KL1516	25	1	5/16
KL114516	25	1 1/4	5/16
KL112516	25	1 1/2	5/16
KL134516	25	1 3/4	5/16
KL2516	25	2	5/16
KL214516	25	2 1/4	5/16
KL212516	25	2 1/2	5/16
KL234516	25	2 3/4	5/16
KL3516	25	3	5/16
KL138	25	1	3/8
KL11438	25	1 1/4	3/8
KL11238	25	1 1/2	3/8
KL13438	25	1 3/4	3/8
KL238	25	2	3/8
KL21438	25	2 1/4	3/8
KL21238	25	2 1/2	3/8
KL23438	25	2 3/4	3/8
KL338	25	3	3/8
KL31438	25	3 1/4	3/8
KL31238	25	3 1/2	3/8

Lock-edge shaper steel is heat treated and ground to the highest quality. Precision lock-edge bars are also available in a higher grade upon request. These knives are to be used in lock-edge shaper collars shown on page 52.

Series KP

Our planer knives are made of durable high speed steel with specific attention paid to a keen edge that will mount square in your head. These knives have a smooth finish and a sharp edge; they last longer, which will increase productivity and reduce sharpening costs.

Flat Planer Knives

Tool Number			L (in) Blade Length	H (in) Blade Height	T (in) Blade Thickness
HSS 6%	HSS 18%	CT			
KPH458332	KPI458332	KPC458332	4	5/8	3/32
KPH45818	KPI45818	KPC45818	4	5/8	1/8
KPH43418	KPI43418	KPC43418	4	3/4	1/8
KPH658332	KPI658332	KPC658332	6	5/8	3/32
KPH65818	KPI65818	KPC65818	6	5/8	1/8
KPH634332	KPI634332	KPC634332	6	3/4	3/32
KPH63418	KPI63418	KPC63418	6	3/4	1/8
KPH6118	KPI6118	KPC6118	6	1	1/8
KPH858332	KPI858332	KPC858332	8	5/8	3/32
KPH85818	KPI85818	KPC85818	8	5/8	1/8
KPH834332	KPI834332	KPC834332	8	3/4	3/32
KPH83418	KPI83418	KPC83418	8	3/4	1/8
KPH8118	KPI8118	-	8	1	1/8
KPH123418	KPI123418	KPC123418	12	3/4	1/8
KPH12118	KPI12118	KPC12118	12	1	1/8
KPH1211818	KPI1211818	KPC1211818	12	1 1/8	1/8
KPH123018	-	-	12	30 mm	1/8
KPH1211418	-	-	12	1 1/4	1/8
KPH12114532	KPI12114532	KPC12114532	12	1 1/4	5/32
KPH1253418	KPI1253418	-	12.5	3/4	1/8
KPH13118	KPI13118	KPC13118	13	1	1/8
KPH143418	KPI143418	KPC143418	14	3/4	1/8
KPH14118	-	-	14	1	1/8
KPH143018	-	-	14	30 mm	1/8
KPH15118	KPI15118	KPC15118	15	1	1/8
KPH16118	KPI16118	KPC16118	16	1	1/8
KPH163018	-	-	16	30 mm	1/8
KPH1611418	-	-	16	1 1/4	1/8
KPH163518	-	-	16	35 mm	1/8
KPH18118	KPI18118	-	18	1	1/8
KPH183018	-	-	18	30 mm	1/8
KPH1811418	-	-	18	1 1/4	1/8
KPH183518	-	-	18	35 mm	1/8
KPH20118	KPI20118	KPC20118	20	1	1/8
KPH203018	-	-	20	30 mm	1/8
KPH2011418	-	-	20	1 1/4	1/8
KPH203518	-	-	20	35 mm	1/8
KPH245818	KPI245818	KPC245818	24.8*	5/8	1/8
KPH243418	KPI243418	KPC243418	24.8	3/4	1/8
KPH247818	KPI247818	KPC247818	24.8	7/8	1/8
KPH24118	KPI24118	KPC24118	24.8	1	1/8
KPH2411818	KPI2411818	KPC2411818	24.8	1 1/8	1/8
KPH243018	KPI243018	KPC243018	24.8	30 mm	1/8
KPH2411418	KPI2411418	KPC2411418	24.8	1 1/4	1/8
KPH24114532	KPI24114532	KPC24114532	24.8	1 1/4	5/32
KPH243518	KPI243518	KPC243518	24.8	35 mm	1/8
KPH24138532	KPI24138532	KPC24138532	24.8	1 3/8	5/32
KPH375818	KPI375818	-	37	5/8	1/8
KPH373418	KPI373418	-	37	3/4	1/8
KPH37118	KPI37118	-	37	1	1/8
KPH3711818	KPI3711818	-	37	1 1/8	1/8
KPH373018	KPI373018	-	37	30 mm	1/8
KPH371316532	KPI371316532	-	37	1 3/16	5/32
KPH3711418	KPI3711418	-	37	1 1/4	1/8
KPH37114532	KPI37114532	-	37	1 1/4	5/32
KPH373518	KPI373518	-	37	35 mm	1/8
KPH37138532	KPI37138532	-	37	1 3/8	5/32
KPH3711218	KPI3711218	-	37	1 1/2	1/8
KPH37112532	KPI37112532	-	37	1 1/2	5/32
KPH37218	KPI37218	-	37	2	1/8
KPH372532	KPI372532	-	37	2	5/32

* 24.8" = 630 mm



Tersa Replaceable Knives

Series KT



Tool Number			L (mm) Blade Length
Chrome	HSS	CT	
KTM60	KTH60	KTC60	60
KTM70	KTH70	KTC70	70
KTM80	KTH80	KTC80	80
KTM90	KTH90	KTC90	90
KTM100	KTH100	KTC100	100
KTM110	KTH110	KTC110	110
KTM120	KTH120	KTC120	120
KTM130	KTH130	KTC130	130
KTM140	KTH140	KTC140	140
KTM150	KTH150	KTC150	150
KTM160	KTH160	KTC160	160
KTM170	KTH170	KTC170	170
KTM180	KTH180	KTC180	180
KTM190	KTH190	KTC190	190
KTM200	KTH200	KTC200	200
KTM210	KTH210	KTC210	210
KTM220	KTH220	KTC220	220
KTM230	KTH230	KTC230	230
KTM240	KTH240	KTC240	240
KTM250	KTH250	KTC250	250
KTM260	KTH260	KTC260	260
KTM270	KTH270	KTC270	270
KTM280	KTH280	KTC280	280
KTM290	KTH290	KTC290	290
KTM300	KTH300	KTC300	300
KTM310	KTH310	KTC310	310
KTM320	KTH320	KTC320	320
KTM330	KTH330	KTC330	330
KTM340	KTH340	KTC340	340
KTM350	KTH350	KTC350	350
KTM360	KTH360	KTC360	360
KTM370	KTH370	KTC370	370
KTM380	KTH380	KTC380	380
KTM390	KTH390	KTC390	390
KTM400	KTH400	KTC400	400
KTM410	KTH410	KTC410	410
KTM500	KTH500	KTC500	500
KTM510	KTH510	KTC510	510
KTM520	KTH520	KTC520	520
KTM550	KTH550	KTC550	550
KTM570	KTH570	KTC570	570
KTM610	KTH610	KTC610	610
KTM630	KTH630	KTC630	630
KTM640	KTH640	KTC640	640
KTM660	KTH660	KTC660	660

Tersa disposable and reversible knives are available in three different grades for various applications in the woodworking industry. The Tersa planing system facilitates knife changes in seconds with no need for any tools or knife setting apparatus. The blades are clamped evenly across their entire width with equal pressure and can only be released sideways, eliminating the risk of knives flying out. Tersa knives and cutting systems increase safety, productivity and efficiency.

Series KS

Sinus Reversible Knives

Sinus knives are reversible knives specifically designed to fit in Sinus cutterheads, located on page 56. These knives, available in three knife grades, have two cutting edges and can be reground several times.

Tool Number			L (mm) Blade Length
HSS-TRI	CT	CT Polished	
KST60	-	-	60
KST80	KSC80	KSP80	80
KST100	KSC100	KSP100	100
KST120	KSC120	KSP120	120
KST130	KSC130	KSP130	130
KST136	-	-	136
KST140	KSC140	KSP140	140
KST150	KSC150	KSP150	150
KST160	KSC160	KSP160	160
KST180	KSC180	KSP180	180
KST186	-	-	186
KST190	-	-	190
KST200	KSC200	KSP200	200
KST210	KSC210	KSP210	210
KST220	KSC220	KSP220	220
KST230	KSC230	KSP230	230
KST240	KSC240	KSP240	240
-	KSC250	KSP250	250
KST260	KSC260	KSP260	260
-	KSC300	KSP300	300
KST310	-	-	310
KST400	-	-	400
KST410	-	-	410
KST430	-	-	430
KST500	-	-	500
KST510	-	-	510
KST610	KSC610	-	610
KST630	-	-	630
KST640	-	-	640
KST710	-	-	710
KST1350	-	-	1350



Series KOE

Oertli Raker Turnover Knives

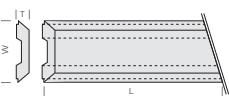
These are reversible knives with a tungsten carbide grade and two cutting edges. These knives are specifically for Oertli tools and are sold in minimum 12 piece quantities. Other styles of Oertli knives are available upon request.

BC Saw Tool Number	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness
KOE8	8	8	1.5
KOE9	9	8	1.5
KOE10	10	8	1.5
KOE11	11	8	1.5
KOE12	12	8	1.5
KOE15	15	8	1.5
KOE20	20	8	1.5
KOE25	25	8	1.5
KOE28	28	8	1.5
KOE32	32	8	1.5
KOE40	40	8	1.5
KOE50	50	8	1.5
KOE80	80	8	1.5
KOE100	100	8	1.5



Enshin Knives

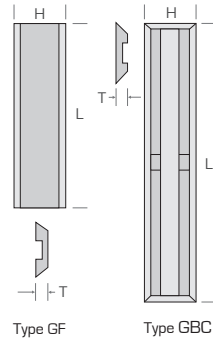
Series KF



Tool Number	W (mm) Width	HSS	W (mm) Width	L (mm) Blade Length	T (mm) Blade Thickness
KFC80	12.7	KFH80	12	80	2.6
KFC100	12.7	KFH100	12	100	2.6
KFC130	12.7	KFH130	12	130	2.6
KFC150	12.7	KFH150	12	150	2.6
KFC170	12.7	KFH170	12	170	2.6
KFC180	12.7	KFH180	12	180	2.6
KFC190	12.7	KFH190	12	190	2.6
KFC210	12.7	KFH210	12	210	2.6
KFC230	12.7	KFH230	12	230	2.6
KFC240	12.7	KFH240	12	240	2.6

Mini Turnover Knife

Series GF | GBC

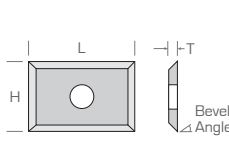


BC Saw Tool Number	Knife Type	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	
GF12G	GF	12	5.5	1.1	GF, General Purpose
GF20G	GF	20	5.5	1.1	
GF40G	GF	40	5.5	1.1	
GF50G	GF	50	5.5	1.1	
GBC12G	GBC	12	5.5	1.1	GBC, General Purpose
GBC20G1	GBC	20	4.1	1.1	
GBC20G2	GBC	20	5.5	1.1	
GBC25G	GBC	25	5.5	1.1	
GBC30G	GBC	30	5.5	1.1	
GBC50G	GBC	50	5.5	1.1	

Turnover knives, made for general purpose use; GF: with two cutting edges; GBC: with two cutting edges, end sharpened.

Raker Turnover Knife

Series ICK



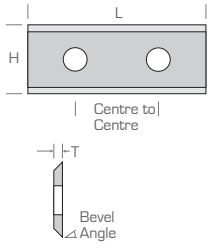
BC Saw Tool Number	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	Bevel Angle	(mm) Hole Diameter	
ICK7.5G	7.5	12	1.5	55°	4	General Purpose
ICK9.6G	9.6	12	1.5	55°	4	
ICK10.5G	10.5	12	1.5	55°	4	
ICK11G	11	12	1.5	55°	4	
ICK13G	13	12	1.5	55°	4	
ICK15G	15	12	1.5	55°	4	
ICK15.7G	15.7	12	1.5	55°	4	
ICK17G	17	12	1.5	55°	4	
ICK18G	18	12	1.5	55°	4	
ICK19G	19	12	1.5	55°	4	
ICK20G	20	12	1.5	55°	4	
ICK20X	20	12	1.5	55°	4	MDF, HDF
ICK20P	20	12	1.5	55°	4	Particle Board
ICK20E	20	12	1.5	55°	4	Exotic Wood
ICK20HM	20	12	1.5	45°	4	Mirror Finish, Hard
ICK20SM	20	12	1.5	45°	4	Mirror Finish, Soft

Solid carbide turnover knives made with two cutting edges.

Series ICK

Raker Turnover Knife

Solid carbide turnover knives made with two cutting edges.

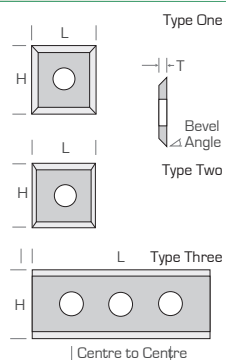
	BC Saw Tool Number	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	Bevel Angle	(mm) Hole Diameter	(mm) Centre to Centre	
General Purpose	ICK30G	30	12	1.5	55°	4	14	
	ICK40G	40	12	1.5	55°	4	26	
	ICK50G	50	12	1.5	55°	4	26	
	ICK60G	60	12	1.5	45°	4	26	
	ICK80G	80	13	2.2	55°	4	60	
	ICK100G	100	13	2.2	55°	4	60	
MDF, HDF	ICK120G	120	13	2.2	55°	4	60	
	ICK30X	30	12	1.5	55°	4	14	
Particle Board	ICK50X	50	12	1.5	55°	4	26	
	ICK30P	30	12	1.5	55°	4	14	
Exotic Wood	ICK50P	50	12	1.5	55°	4	26	
	ICK30E	30	12	1.5	55°	4	14	
Mirror Finish, Hardwood	ICK50E	50	12	1.5	55°	4	26	
	ICK30HM	30	12	1.5	45°	4	14	
	ICK40HM	40	12	1.5	45°	4	26	
Mirror Finish, Softwood	ICK50HM	50	12	1.5	45°	4	26	
	ICK30SM	30	12	1.5	45°	4	14	
	ICK40SM	40	12	1.5	45°	4	26	
	ICK50SM	50	12	1.5	45°	4	26	
	ICK60SM	60	12	1.5	45°	4	26	
	ICK80SM	80	12	2.2	45°	4	60	



Series ICKA

Raker Turnover Knife

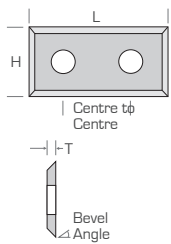
Solid carbide turnover knives; type one: four cutting edges; type two and type three: two cutting edges and face ground.

	BC Saw Tool Number	Knife Type	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	Bevel Angle	(mm) Hole Diameter	
General Purpose	ICKA10.5G	One	10.5	10.5	1.5	55°	4	
	ICKA12G	One	12	12	1.5	55°	4	
	ICKA17G	One	17	17	2.0	55°	4	
	ICKA19G	One	19	19	2.0	55°	4	
	ICKA9G	Two	9	12	1.5	55°	4	
	ICKA10G	Two	10	12	1.5	55°	4	
Exotic Wood	ICKA12E	One	12	12	1.5	55°	4	
	ICKA50E*	Three	50	12	1.7	55°	4	
Mirror Finish, Hardwood	ICKA12HM	One	12	12	1.5	45°	4	

* Centre to Centre 37 mm

Raker Turnover Knife

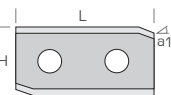
Series ICKB

	BC Saw Tool Number	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	Bevel Angle	(mm) Hole Diameter	(mm) Centre to Centre	
	ICKB29.5G	29.5	12	1.5	55°	4.0	14	General Purpose
	ICKB30G	30	9	1.5	55°	3.7	14	
	ICKB39.5G	39.5	12	1.5	55°	4.0	26	
	ICKB40G	40	9	1.5	55°	3.7	26	
	ICKB49.5G	49.5	12	1.5	55°	4.0	26	
	ICKB50G	50	9	1.5	55°	3.7	26	
	ICKB29.5X	29.5	12	1.5	55°	4.0	14	MDF, HDF
	ICKB30X	30	9	1.5	55°	3.7	14	
	ICKB50X	50	9	1.5	55°	3.7	26	

These are solid carbide turnover knives made for shank-type cutters.

Raker Turnover Knife

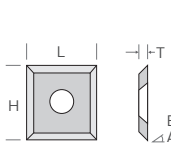
Series ICKC

	BC Saw Tool Number	Knife Type	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	a1 a2 Bevel Angle	(mm) Hole Diameter	(mm) Centre to Centre	
Type One	ICKC29.5GL	One	29.5	12	1.5	15° -	4	14	General Purpose, Left Hand
	ICKC19.5GL	Two	19.5	12	1.5	5° 15°	4	-	
	ICKC19.5GL2	Two	19.5	12	1.5	3.5° 15°	4	-	
	ICKC49.2GL	Two	49.2	12	1.5	5° 0°	4	26	
Type Two	ICKC29.5GL2	Two	29.5	12	1.5	5° 0°	4	14	General Purpose, Right Hand
	ICKC29.5GR	One	29.5	12	1.5	15° -	4	14	
	ICKC19.5GR	Two	19.5	12	1.5	3.5° 15°	4	-	
	ICKC29.5GR2	Two	29.5	12	1.5	5° 0°	4	14	
	ICKC49.2GR	Two	49.2	12	1.5	5° 0°	4	26	

Type one: solid carbide, two cutting edges with a chamfer; type two: solid carbide, two cutting edges with an edge bevel.

Turnover Knife with Countersink

Series ICKD

	BC Saw Tool Number	Knife Type	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	Bevel Angle	(mm) Hole Diameter	Corresponding Machine	
	ICKD14G	One	14	14	1.2	60°	8.6	-	General Purpose
	ICKD14G2	One	14	14	1.2	60°	8.6	Holz-Her	
	ICKD14G3	One	14	14	2.0	60°	6.3	-	
	ICKD14G4*	One	14	14	2.0	60°	6.3	-	
	ICKD13.6G	Two	13.6	13.6	2.0	45°	6.3	Fisher, Brugg	
	ICKD14.3G	Two	14.3	14.3	2.5	55°	6.3	Homag	
	ICKD20G	Two	20	14.3	2.5	55°	6.3	Homag	
	ICKD14E	One	14	14	2.0	60°	6.3	-	Exotic Wood
	ICKD15H	Two	15	15	2.5	60°	6.4	-	Hardwood
	ICKD14HM	One	14	14	2.0	60°	6.3	-	Mirror Finish, Hardwood

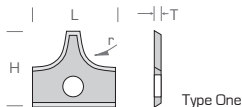
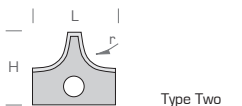
*Marked for easier changeovers

Solid carbide insert knives with countersink holes. Type one: made with a spur for cutterheads; type two: raker knife made for a spiral cutter head. The machine type is noted in the chart.

Series ICKF

Radius Profile Knife, two cutting radii

Radius profile knives with two cutting radii. Designed to be used with the Leuco edge rounding cutter heads on pages 72-77. Best if used on wood materials, hardwoods and plastics. Sold in 10 piece quantities.

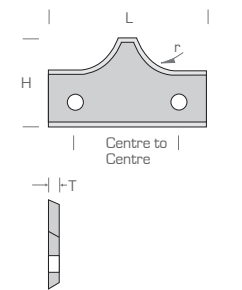
	BC Saw Tool Number	Knife Type	r (mm) Blade Radius	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter	
General Purpose	176583	One	1.5	16	17.5	2.0	4.4	
	170340	One	2	12	12.0	1.5	4.0	
	173475	One	2	16	17.5	2.0	3.0	
	163489	One	2	16	17.5	2.0	4.4	
	180153*	One	2	16	17.5	2.0	4.4	
	173476	One	2.5	16	17.5	2.0	3.0	
	171178	One	2.5	16	17.5	2.0	4.4	
	170341	One	3	12	12.0	1.5	4.0	
	177032	One	3	16	17.5	2.0	3.0	
	163490	One	3	16	17.5	2.0	4.4	
	180154*	One	3	16	17.5	2.0	4.4	
	173478	One	4	16	17.5	2.0	3.0	
	163491	One	4	16	17.5	2.0	4.4	
	173479	One	5	16	17.5	2.0	3.0	
	163492	One	5	16	17.5	2.0	4.4	
	177033	Two	2	12	13	2.0	5.0	
	163489	Two	2.5	12	13	2.0	4.0	
	173477	Two	3	12	13	2.0	5.0	
	170258	Two	6	24	22	2.0	4.4	
	170260	Two	8	24	22	2.0	4.4	
	170261	Two	9	24	22	2.0	4.4	

* for Brant machines

Series ICKE

Radius Profile Knife, two cutting radii

Radius profile knives with two cutting radii. Designed to be used with the Leuco edge rounding cutter heads on pages 72-77. Best if used on wood materials, hardwoods and plastics. Sold in 10 piece quantities.

	BC Saw Tool Number	r (mm) Blade Radius	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter	(mm) Centre to Centre	Corresponding Machine	
Homag, General Purpose	163062	2	20.5	15	2	3	12	Homag	
	163063	3	20.8	15	2	3	12	Homag	
	163064	4	20.8	15	2	3	12	Homag	
	163065	5	30.0	17	2	3	20	Homag	
	163066	6	30.5	17	2	3	20	Homag	
	163067	7	30.0	17	2	3	20	Homag	
	163068	8	30.5	17	2	3	20	Homag	
IMA, General Purpose	164166	2	20.8	14.7	2	3	12	IMA	
	164167	3	20.8	14.7	2	3	12	IMA	
	164168	4	20.8	14.7	2	3	12	IMA	
	164169	5	30.5	16.5	2	3	20	IMA	
	164170	6	30.5	16.5	2	3	20	IMA	
	164171	7	30.5	16.5	2	3	20	IMA	
	164172	8	30.5	16.5	2	3	20	IMA	

Radius Profile Knife, two cutting radii

Series ICKK

BC Saw Tool Number	r (mm) Blade Radius	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter	General Purpose
180151	2	16	13.5	2	4	General Purpose
180152	3	16	13.5	2	4	

Radius profile knives with two cutting radii. Designed to be used with the Leuco cutter heads on pages 72-77. Best if used on wood materials, hardwoods and plastics. Sold in 10 piece quantities.

Radius Profile Knife, two cutting radii

Series ICKH

BC Saw Tool Number	Knife Type	r (mm) Blade Radius	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter	Run-Out Angle	General Purpose
162794	One	2	13	16	2	4	5°	General Purpose
172713	One	2	13	16	2	4	15°	
162795	One	3	13	16	2	4	5°	
172714	One	3	13	16	2	4	15°	
162565	One	4	13	16	2	4	5°	
172715	One	4	13	16	2	4	15°	
162566	Two	5	20	21	2	4	5°	
162567	Two	6	20	21	2	4	5°	
162568	Two	7	20	21	2	4	5°	
162569	Two	8	20	21	2	4	5°	
162796	Two	9	26	24	2	4	5°	
162570	Two	10	26	24	2	4	5°	
162571	Two	11	26	24	2	4	5°	
162572	Two	12	26	24	2	4	5°	

Radius turnover knives with two cutting edges. Designed to be used with the Leuco cutter heads on pages 72-77. The profile on these knives is set at a 15° cutter head angle for IMA machines. Best if used on wood materials, hardwoods and plastics. These are sold in 10 piece quantities.

Radius Turnover Knife, two cutting edges

Series ICKJ

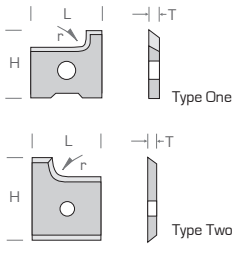
Tool Number	r (mm) Blade Radius	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter	Corresponding Machine	General Purpose
177135	2	30	14	2	4	Reich	General Purpose
177137	2.5	30	14	2	4	Reich	
177139	3	30	14	2	4	Reich	
168356	3	20	16	2	3	-	

Radius turnover knives with two cutting edges. Designed to be used with the Leuco cutter heads on pages 72-77. Best if used on wood materials, hardwoods and plastics. Sold in quantities of 10.

Series ICKE

Radius Profile Knife, one cutting radius

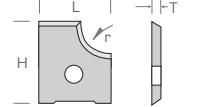
Radius profile knives with one cutting radius. Designed to be used with the Leuco cutter heads on pages 72-77. For use on wood materials, hardwoods and plastics. Sold in 10 piece quantities.

	Tool Number		Knife Type	r (mm) Blade Radius	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter	
	Right Hand	Left Hand							
General Purpose	172725	-	One	2	12	18	2	4	
	177318	177317	One	2	15	14.5	2	4	
	178218	178219	One	2	16.1	14	2	4	
	173816	173817	One	2	19.6	15.2	2	4	
	177320	177319	One	2.5	15	14.5	2	4	
	172726	-	One	3	12	18	2	4	
	177322	177321	One	3	15	14.5	2	4	
	178220	178221	One	3	16.1	14	2	4	
	173392	173393	One	3	19.6	15.2	2	4	
	172143	172142	Two	2	12	14.5	2	4	
	171223	171224	Two	2.5	12	14.5	2	4	
	172143	172144	Two	3	12	14.5	2	4	

Series ICKE

Radius Profile Knife, one cutting radius

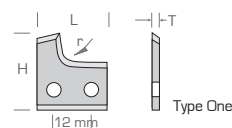
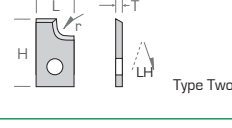
Radius profile knives with one cutting radius. Designed with a profile flare of 10°, for use on Leuco edge rounding cutter heads. Best if used on wood materials, hardwoods and plastics. Sold in 10 piece quantities.

	Tool Number		r (mm) Blade Radius	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter	
	Right Hand	Left Hand						
General Purpose	180725	180726	2	13	15	2	4	
	177040	177036	4	14	17	2	4	
	177041	177037	5	15	17	2	4	
Exotic Wood	177038	177034	2	12	15	2	4	
	177039	177035	3	13	15	2	4	

Series ICKE

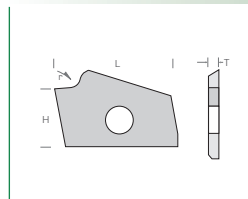
Radius Profile Knife

Designed to be used with the Leuco cutter heads on pages 72-77. Type one: profile flare of 5°; type two: profile flare of 15°. Sold in 10 piece quantities.

	Tool Number		Knife Type	r (mm) Blade Radius	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter	Corresponding Machine	
	Right Hand	Left Hand								
General Purpose	164174	164173	One	9	21.8	19.5	2	3	IMA	
	164175	163071	One	10	21.8	19.5	2	3	IMA	
	164176	163072	One	10	21.8	20	2	3	Homag	
	164178	164177	One	11	21.8	19.5	2	3	IMA	
	163071	164179	One	12	21.8	19.5	2	3	IMA	
	163072	164180	One	12	21.8	20	2	3	Homag	
Exotic Wood	180173	180174	Two	2	12	18	2	5	IMA	
	180175	180176	Two	3	12	18	2	5	IMA	

Brandt Profile Knives

Series 151.586



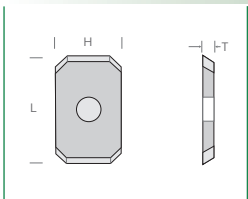
BC Saw Tool Number	r (mm) Blade Radius	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter
182331 182332	2	22.32	14	2	5
182367 182368	2.5	22.32	14	2	5
182333 182334	3	22.32	14	2	5

**Brandt
2005 +**

Profile knives designed for use in rounding cutterheads with special chip removing design. For use on wood-based panels, plastics, and soft woods. Sold in 10 piece quantities.

Scraper Turnover Knives, two cutting edges

Series 151.555



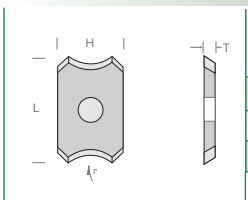
BC Saw Tool Number	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter
171180	20	12	2	4

**Homag
IMA
Reich**

Scraper turnover knives designed for use in scraper holders on Homag, IMA, and Reich edge banding machines. For use on wood-based panels, plastics, and hard woods. Sold in 10 piece quantities.

Scraper Turnover Knives, 2 cutting edges and radius

Series 151.555



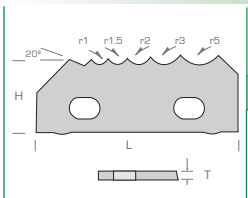
BC Saw Tool Number	r (mm) Blade Radius	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter
178856	1	20	12	2	4
178957	2	20	12	2	4
178857	3	20	12	2	4

IMA

Scraper turnover knives designed for use in scraper holders on IMA edge banding machines. For use on wood-based panels, plastics, and hard woods. Sold in 10 piece quantities.

Scraper Knives, 5 radii and chamfer

Series 151.586

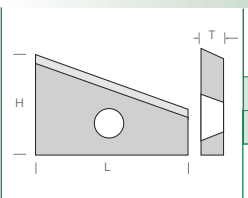


BC Saw Tool Number	r (mm) Blade Radius	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter
180755 180754	1.5	45.8	17.98	2	5

**Homag
MN 20**

Scraper Knives, 1 cutting edge and chamfer

Series 151.548



BC Saw Tool Number	Chamfer	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter
178859 178858	15	30	22.5	3	5.8
178861 178860	15	55	25	3	5.8

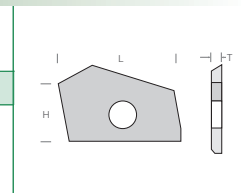
IMA

Series 151.586

Brandt Profile Knives

Profile knives designed for use in rounding cutterheads with special chip removing design. For use on wood-based panels, plastics, and soft woods. Sold in 10 piece quantities.

	BC Saw Tool Number	Chamfer	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter
Brandt 2005 +	182331 182332	45	22.32	14	2	5

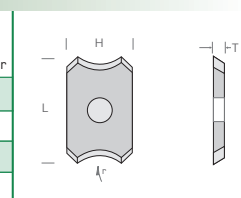


Series 151.555

Scraper Turnover Knives, 2 cutting edges and radius

Scraper turnover knives designed for use in scraper holders on Homag and Reich edge banding machines. For use on wood-based panels, plastics, and hard woods. Sold in 10 piece quantities.

	BC Saw Tool Number	r (mm) Blade Radius	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter
Homag Reich	171401	.8	20	12	2	4
	169253	1	20	12	2	4
	169254	1.5	20	12	2	4
	169255	2	20	12	2	4
	169256	2.5	20	12	2	4
	169257	3	20	12	2	4
	169259	4	20	12	2	4
	169261	5	20	12	2	4

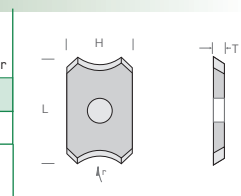


Series 151.755

Scraper Turnover Knives, 2 cutting edges and radius

Scraper turnover knives designed for use in scraper holders on IMA edge banding machines. For use on wood-based panels, plastics, and hard woods. Sold in 10 piece quantities.

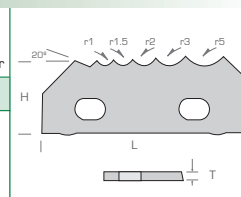
	BC Saw Tool Number	r (mm) Blade Radius	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter
IMA	181236	2	20	12	2	4
	181238	3	20	12	2	4



Series 151.786

Scraper Knives, 5 radii and chamfer

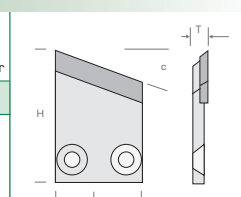
	BC Saw Tool Number	r (mm) Blade Radius	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter
Homag MN 20	181240 181239	1-5	45.8	17.98	2	5



Series 132.821

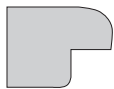
Scraper Knives, 1 cutting edge and chamfer

	BC Saw Tool Number	c (mm) Chamfer	L (mm) Blade Length	H (mm) Blade Height	T (mm) Blade Thickness	(mm) Hole Diameter
Homag	178224 178223	15	32	55	4.5	5.8



PROFILE CUTTERS

Door Lip
pg 98



Door Edge
pg 99



Raised Panel
pg 100-101



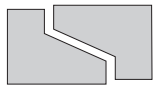
Multi-Profile
pg 101



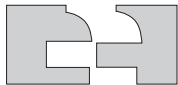
Radius
pg 102



Matched Reverse
pg 102



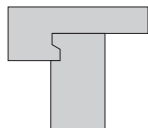
Rail and Stile
pg 103



Glue Joints
pg 104



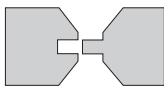
Drawer Lock
pg 104



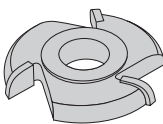
Tongue and Groove
pg 105



V-Paneling
pg 105



Custom Profile Cutters
pg 106-107



Custom Profile Cutters.....	106-107
Door Edge.....	99
Door Lip.....	98
Drawer Lock.....	104
Glue Joints.....	104
Matched Reverse.....	102
Multi-Profile.....	101
Radius.....	102
Rail and Stile.....	103
Raised Panel.....	100-101
Tongue and Groove.....	105
V-Paneling.....	105

A complete index can be found on page 132.

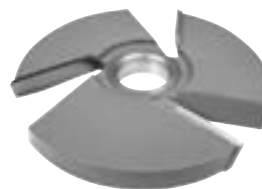
Standard Carbide Tipped and Insert Profile Tools

Choose between fixed wing cutters or insert knives, **NAP GLADU** can accommodate whatever fits your needs best. Both are created with an anti-kickback design which is computer balanced for the prevention of chattering and vibration.

Fixed Wing Cutters are tri-metal brazed, bonding the micro grain carbide to the cutter body with three metals. Copper is sandwiched between two layers of carbide which allows for flexibility in the blade, protecting the tips and the steel shoulders – especially when cutting knots, laminates or hardwoods.

Insert Cutters are more cost effective in the long run because of the resharpenable inserts. Inserts also are versatile – profiles can be changed by purchasing new knives.

In the following pages the profiles shown are marked as either inserts or fixed wing cutters. Other styles and sizes are available when noted. NAP GLADU can also custom design any profile you need (see pages 106-107 for more information). The fixed wing profiles shown are for cutters with a 1 1/4" bore. In some cases it is noted that cutters with a 3/4" bore are also available.



Fixed Wing Profile Cutter

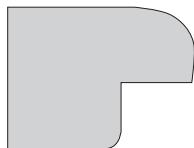


Profiled Insert Knife for Insert Cutter Head

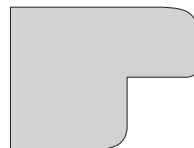
Door Lip

Actual Size, 1 1/4" Bore

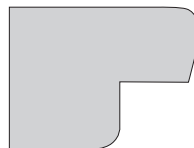
Fixed Wing Cutters



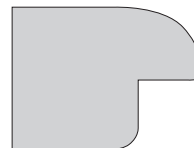
PRL-001



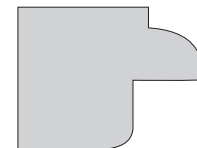
PRL-002



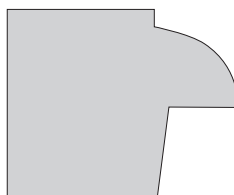
PRL-003



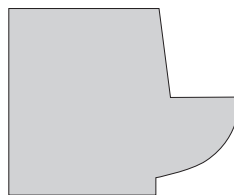
PRL-004



PRL-005



PRL-006

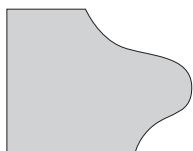


PRL-007

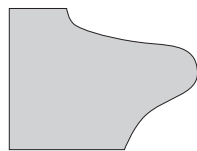
Actual Size, 1 1/4" Bore

One Piece Door Edge

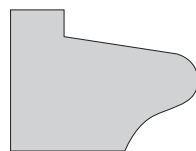
Inserts for use with Cutter Head ID-1000



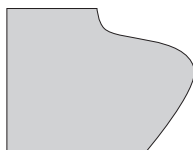
ID1-001



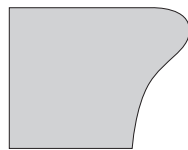
ID1-002



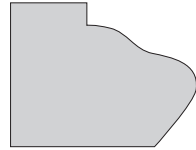
ID1-003



ID1-004



ID1-005

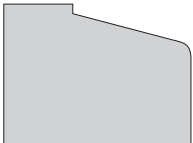


ID1-006

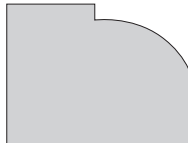
Actual Size, 1 1/4" Bore

Two Piece Door Edge

Top Profile Insert Knives for use with Cutter Head ID320-T



ID2-001



ID2-002



ID2-003



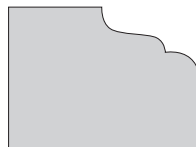
ID2-004



ID2-005



ID2-006



ID2-007



ID2-008

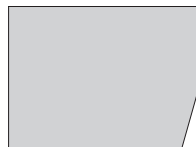
Bottom Profile Insert Knives for use with Cutter Head DE320-U



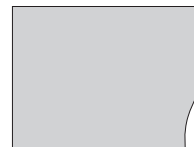
ID2-009



ID2-010

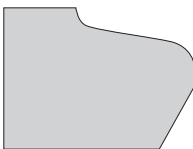


ID2-011

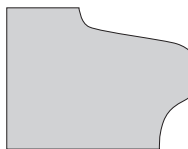


ID2-012

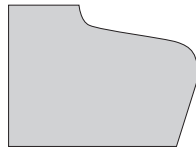
Combination Examples featuring ID2-013 as the top insert: 



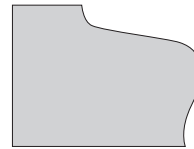
Top: ID2-013
Bottom: ID2-009



Top: ID2-013
Bottom: ID2-010



Top: ID2-013
Bottom: ID2-011



Top: ID2-013
Bottom: ID2-012

Raised Panel

Cutter Head IRP-1000

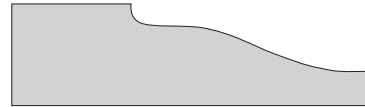
Fixed Wing Cutters



IRP-001
PRRP-001, for 5/8" stock



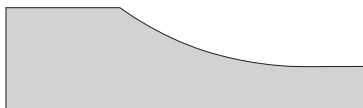
IRP-002
PRRP-002, for 5/8" stock



IRP-003
PRRP-003, for 5/8" stock



IRP-004
PRRP-004, for 5/8" stock



IRP-005
PRRP-005, for 5/8" stock



PRRP-006, for 5/8" stock



PRRP-007, for 5/8" stock



PRRP-008, for 5/8" stock



PRRP-009, for 5/8" stock



PRRP-010, for 3/4" stock



PRRP-011, for 3/4" stock



PRRP-012, for 3/4" stock

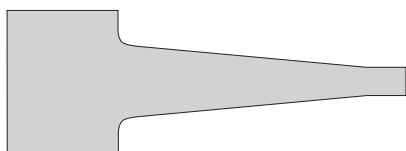


PRRP-013, for 3/4" stock



PRRP-014, for 3/4" stock

Available as inserts or fixed wing cutters, these panel raised cutters can cut stock that is 5/8" or 3/4," as labeled. Other styles are available and custom designs can be made.



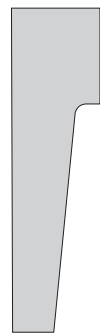
PRRP-D

Flip profile to cut on both sides:



Double Sided Panels

This fixed wing cutter is designed to profile a raised panel on both sides of stock, when it is 3/4" wide. The cutter can also be used to profile stock 5/8" on one side.



PRRP-V

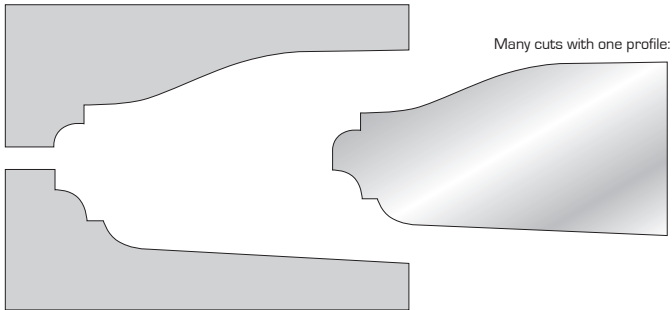
Vertical Raised Panel

This fixed wing cutter is designed to profile a raised panel while keeping the cutter diameter to a minimum. This reduces the stress on the spindle, which allows a lower powered shaper to work better.

Actual Size, 1 1/4" Bore

Multi-Profile Raised Panel

Fixed Wing Cutters

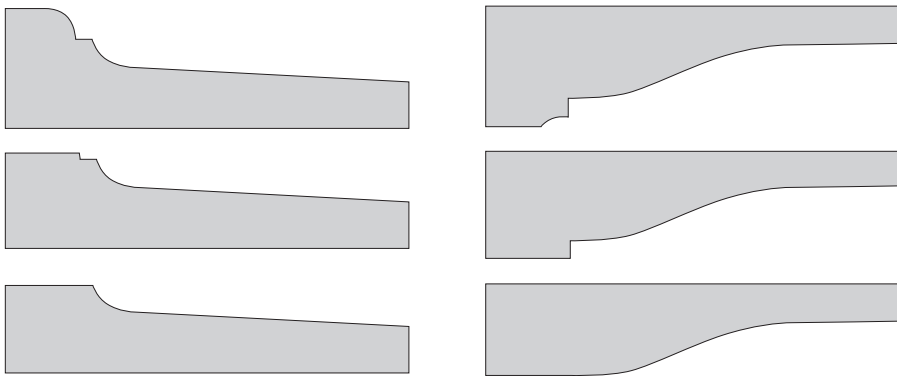


Many cuts with one profile:

Multi-Profile Fixed Wing Cutter

Create custom raised panel profiles with just one cutter. Eight unique profiles can be cut with only one pass. Different profiles are obtained by running the stock over or under the head and adjusting the height of the cutter.

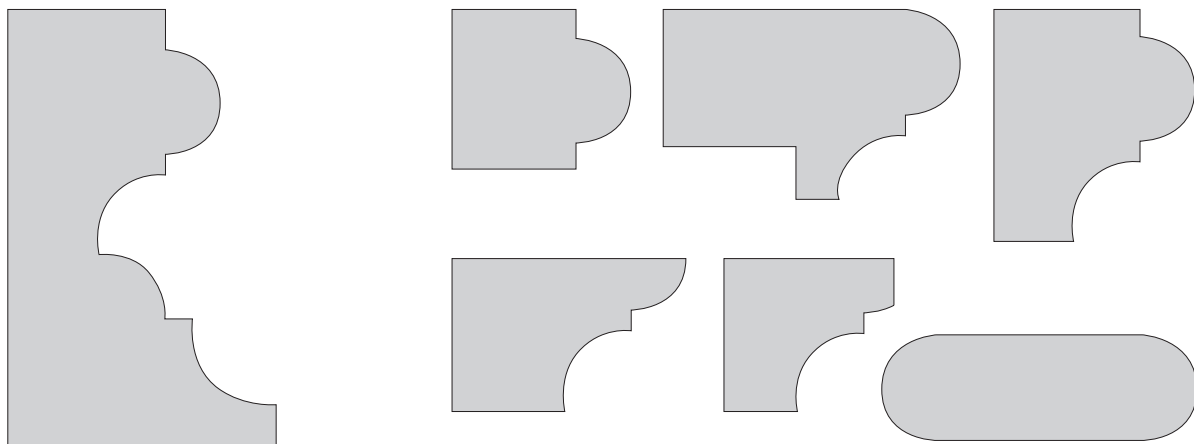
PRRP-M



Actual Size, 1 1/4" Bore

Multi-Profile

Fixed Wing Cutters



PRMP

One Cutter, Many Profiles

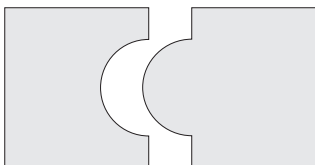
Numerous profiles can be made by varying the height and fence setting and making multiple passes. A bore size of 3/4" is also available.



Radius

Actual Size, 1 1/4" Bore

Inserts Fixed Wing Cutters



PRR-001

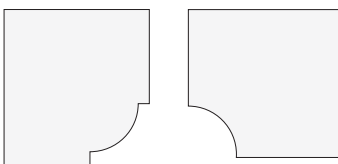
IR-001
PRR-002

Convex and Concave Radius

Inserts: radii available between 1/4" and 7/16"

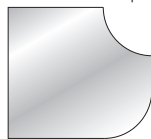
For use with cutter head, IR-124.

Fixed Wing Cutters: radii between 1/8" and 1"



IR-002
PRR-003

Two cuts with one profile:

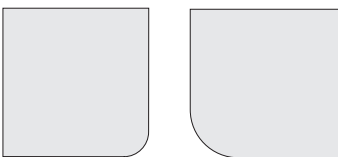


Combination Quarter Round, Convex and Concave

Inserts: radii available between 1/8" and 5/16"

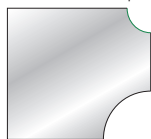
For use with cutter head, IR-132.

Fixed Wing Cutters: radii between 1/8" and 1"



PRR-004

Two cuts with one profile:



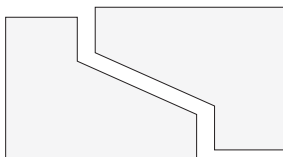
Combination 1/4" and 1/2" Round Over Convex

This fixed wing cutter profile makes 1/4" and 1/2" rounding over cuts. Two bore sizes available.

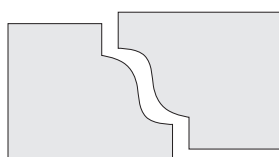
Matched Reverse Detail

Actual Size, 1 1/4" Bore

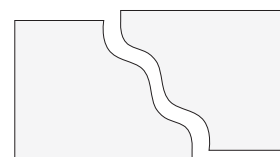
Fixed Wing Cutters



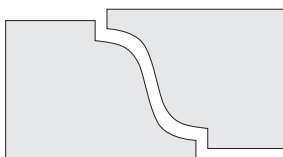
PRM-001



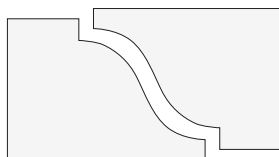
PRM-002



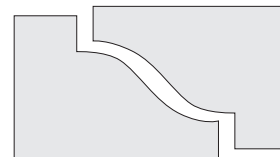
PRM-003



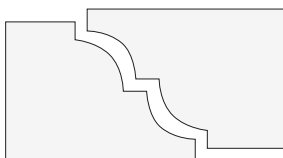
PRM-004



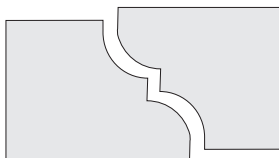
PRM-005



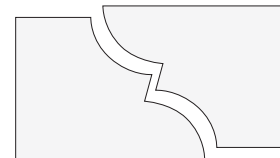
PRM-006



PRM-007

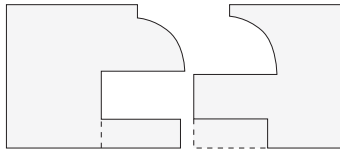


PRM-008

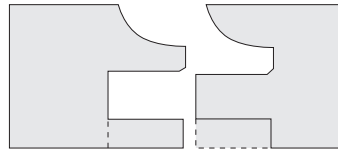


PRM-009

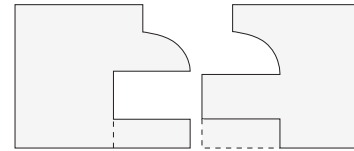
Inserts for use with Cutter Head IRS-R
Fixed Wing Cutters



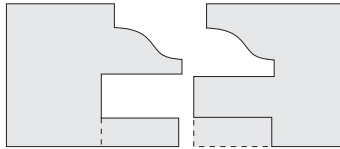
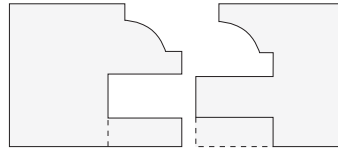
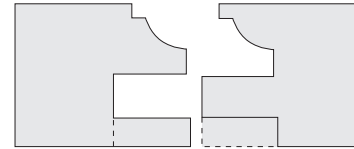
IRS-01, IRS-02



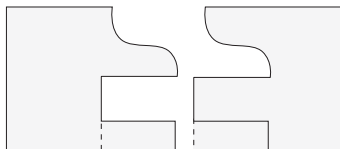
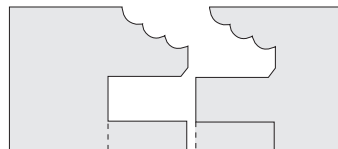
IRS-03, IRS-04



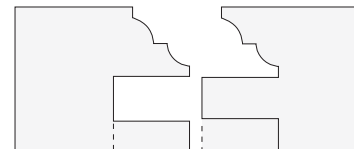
PRS-01 (with PR-260 to create a glass panel door set-up)

IRS-A
PRS-02 (with PR-260 to create a glass panel door set-up)IRS-05, IRS-06
PRS-03 (with PR-260 to create a glass panel door set-up)

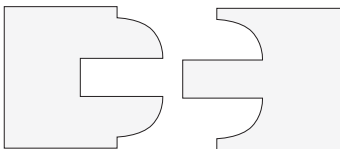
IRS-07, IRS-08

IRS-B
PRS-04

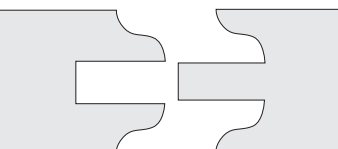
IRS-09, IRS-10



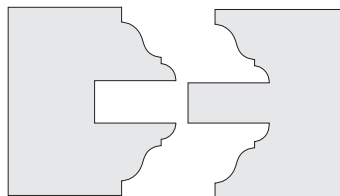
IRS-C



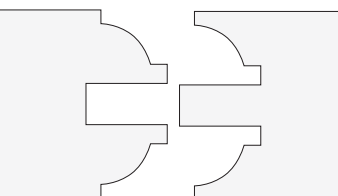
PRS-05 (larger sizes available)



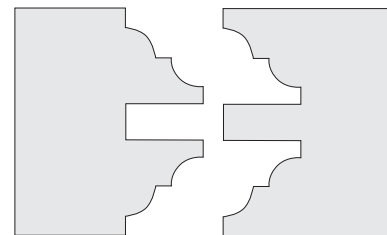
PRS-06 (larger sizes available)



PRS-07 (larger sizes available)



PRS-08 (larger sizes available)



PRS-09 (larger sizes available)

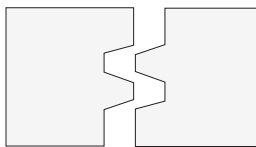
By repositioning the insert cutter on your spindle, a glass panel door set-up can be created from any of the insert profiles. Some fixed wing cutters can create glass panel door set-ups when combined with cutter PR-260.

There are more sizes and styles available for inserts and fixed wing cutters. If you do not see what you are looking for please call our Order Desk.

Reversible Glue Joints

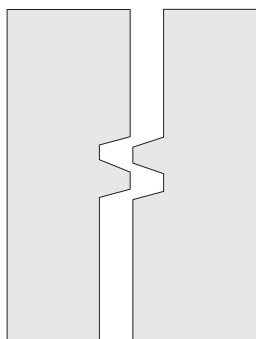
Actual Size, 1 1/4" Bore

Fixed Wing Cutters

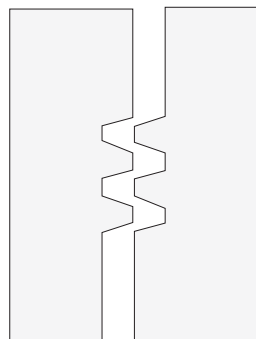


PRJ-001

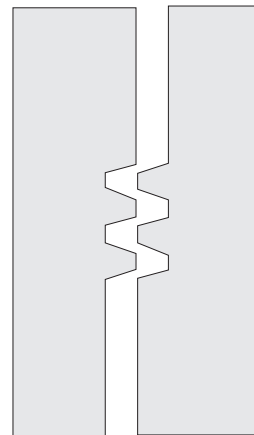
An increased surface area for gluing increases strength in joints between thick stock. Only PRJ-01 is available in a smaller bore.



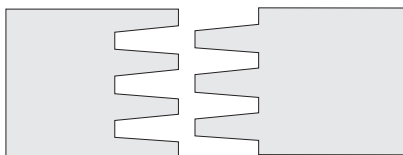
PRJ-002



PRJ-003



PRJ-004



PRJ-005

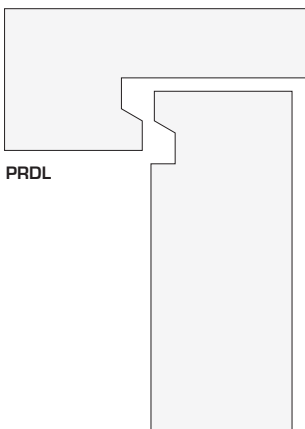
Finger Joint Cutter

This cutter is used where strong joining is needed. Stock up to 5/8" thick can be joined – wider boards can be joined by stacking multiple cutters on the spindle. Following the cut of the first board in a pair, the spindle should be raised or lowered 1/8" to make the mating cut.

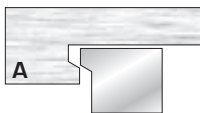
Drawer Lock

Actual Size, 1 1/4" Bore

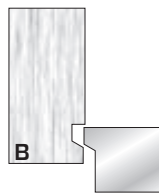
Fixed Wing Cutters



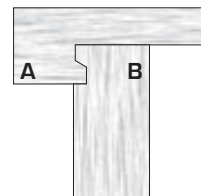
PRDL



A



B



A

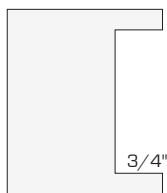
B

Designed to cut stock 1/2" and 3/4" thick to create strong joints for drawer fronts. A smaller bore is also available.

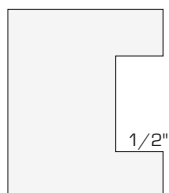
Actual Size, 1 1/4" Bore

Groovers

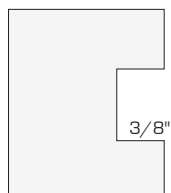
Fixed Wing Cutters



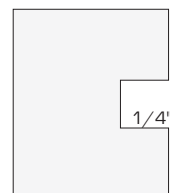
PRG-001, 6 wings
PRG-006, 8 wings
PRG-011, 12 wings



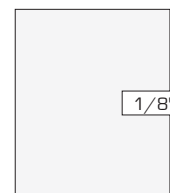
PRG-002, 6 wings
PRG-007, 8 wings
PRG-012, 12 wings



PRG-003, 6 wings
PRG-008, 8 wings
PRG-013, 12 wings



PRG-004, 6 wings
PRG-009, 8 wings
PRG-014, 12 wings

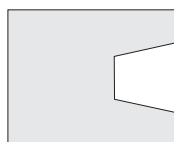


PRG-005, 6 wings
PRG-010, 8 wings

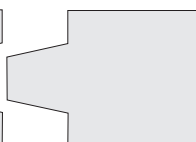
Actual Size, 1 1/4" Bore

Tongue and Groove

Fixed Wing Cutters



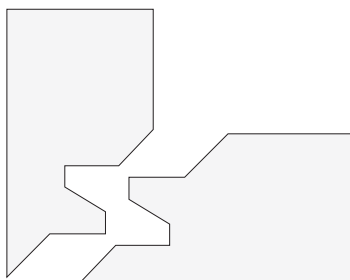
PRT-01



PRT-02

Wedge Tongue and Groove

The wedged design of this cutter provides a large gluing area for maximum strength. A smaller bore is also available.



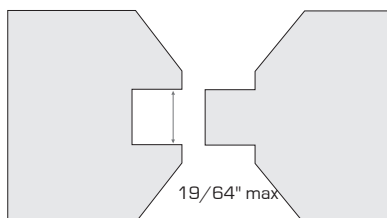
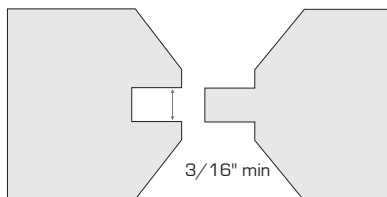
PRT-03

Tongue and Groove Lock Mitre Cutter

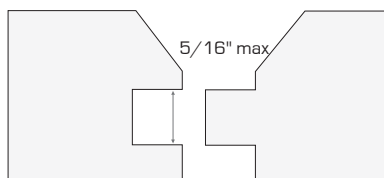
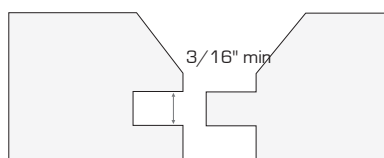
Use one cutter to easily make a lock mitre joint. A smaller size bore is also available.

Actual Size, 1 1/4" Bore

Adjustable V-Paneling Sets



PRV-01, 2 piece set

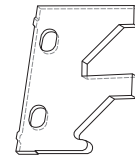


PRV-02, 2 piece set

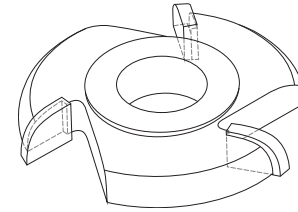
Carbide Tipped, Insert or Diamond Custom Tooling

NAP GLADU custom designs and manufactures any carbide tipped insert or diamond tooling you require. Using a wood sample or drawing, our tooling engineers will create a template with computer-aided design software to ensure an exact profile. The finished product will be a custom profile cutter head which matches the original wood sample or drawing and is made to perform optimally in the application for which it was intended. When provided with all the necessary information, NAP GLADU can manufacture a productive, cost efficient tool.

Fax back the worksheet on the next page or bring a drawing or wood sample to our showroom. Before designing any custom tool, the standard cutter head specifications must be supplied. There are a number of important dimensions and measurements that must be known before the tool can be designed – our engineers can help you select the best options for your cutting application.



Custom Profiled Knife



Custom Profiled Shaper Cutters

The following information is required when ordering any custom tooling:

1. **Overall Diameter:** widths available from 3" and up
2. **Bore Size:** select from 3/4", 1", 1 1/4", 30 mm, 35 mm or 40 mm
other sizes available upon request
3. **Wings:** 3, 4, 6, 8 wings or more as required

We can custom profile any tool, including profiles for:

- Cabinet Doors
- Casings
- Chair Rails
- Crown Mouldings
- Doors, interiors and exteriors
- Edge Rounding|Chamfering and Coves
- Flooring
- Hand Rails
- Mitre Locks
- Multi-Profiles
- Ogees
- Raised Panels
- Tongue and Groove
- V-Grooving



Quarter Round



Insert Knife



Rail and Stile



Casing

Samples (profiles are made to customer specifications)

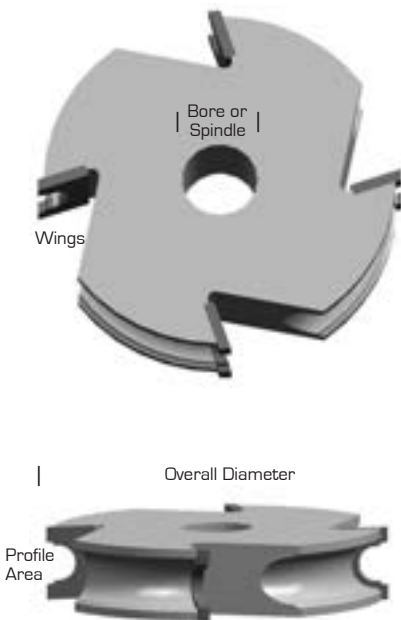
Drawing Request Form for Custom Profile Cutters

Photocopy this page and **fax back (416-251-7268)** to for custom tooling.

Date _____

Contact Name _____ Company Name _____

Phone _____ Fax _____ Email _____



Sketch Profile, Attach Drawing or Send a Wood Sample

* **Type of Tool:** Insert Diamond Carbide Tipped

* **Type of Machine:** Shaper Moulder Other _____

* **Bore Size:** _____ **Spindle Speed:** _____

* **Rotation:** _____ **Feed Rate:** _____

* **Material Being Cut:** _____ **Number of Wings:** _____

Overall Diameter: _____

* required fields



222 Evans Avenue
Toronto, Ontario M8Z 1J8
Tel: 416-251-2236
888-251-2236
Fax: 416-251-7268
www.bcsaw.com

BANDSAW BLADES

Carbon
pg 112



Bimetal
pg 113



Meat
pg 114



Millband
pg 114



Portable Blades
pg 114



Band Knives, Straight
pg 115



Band Knives, Scalloped
pg 115



Band Knives 115
Bandsaw Blade Selection Guide.....110-111
Bimetal..... 113
Carbon..... 112
Meat Cutting 114
Millband..... 114
Portable Bandsaw Machine Blades..... 114

A complete index can be found on page 138.

Selection Guide

Determine Blade Length

Refer to your manual for a specified length.

or

Stretch out an existing blade and measure it.

or

Set the wheels to the centre of the adjusting bolt and measure length 'C' and the radius of the wheel:

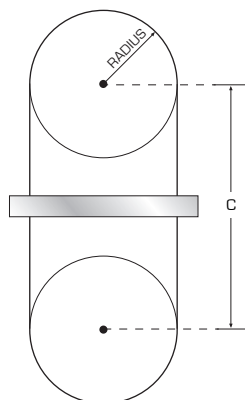
$$[2 \times C] + [2 \times \text{RADIUS} \times 3.14] = \text{BLADE LENGTH}$$

or

Measure circumference of one wheel:

$$\text{CIRCUMFERENCE} + [2 \times C] = \text{BLADE LENGTH}$$

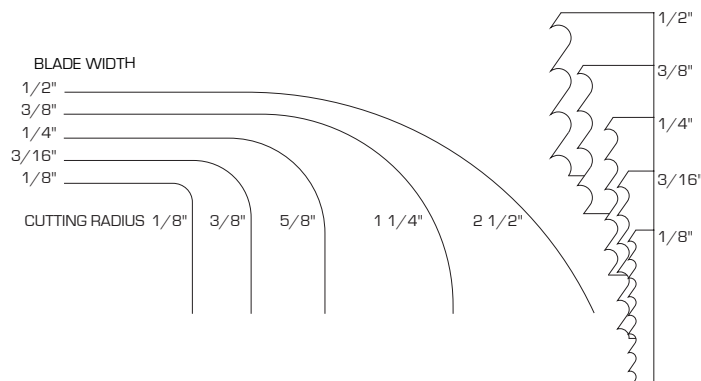
Note: For three-wheeled hobby machines the easiest way to measure blade length is to run a tape or string around the wheels.



Choose Blade Width

Contour Cutting - The blade width is determined by the smallest corner or radius that will be cut.

Straight Cutting - For maximum cutting strength use the widest blade the guides will allow.

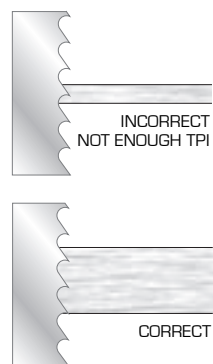


Tooth Pitch or Teeth per Inch

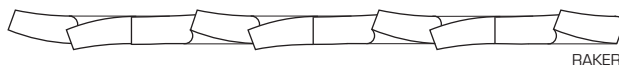
Choose the number of teeth per inch (TPI) or the tooth pitch based on speed of the cut, thickness and hardness of the material and how wet or dry your wood is.

Fewer TPI faster cutting
thicker materials
softer materials
wetter woods

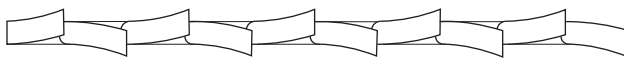
More TPI smoother cutting
thinner materials
harder materials
drier woods



Tooth Sets



RAKER



ALTERNATE

Raker Set: Every third tooth (the raker tooth) is straight for chip removal. Allows for a clean contour and is available in all tooth styles.

Alternate Set: This set does not have a raker tooth, which allows for more teeth cutting. An alternate set is an aggressive blade that cuts fast; for use when clogging is not a problem.

Other set designs are used only in metal cutting.

Tooth Styles



REGULAR TOOTH



SKIP TOOTH



HOOK TOOTH

Regular Tooth: A general purpose blade made for straight or contour cutting of uniform size material; available in raker, wavy or alternate set.

Skip Tooth: The shallow flat gullet allows for chip removal and reduces the tendency to clog. Excellent for soft, gummy materials, green wood, paper board and fibrous woods.

Hook Tooth: Similar applications as the skip tooth but with a 10° hook for faster, more aggressive cutting. This offers reduced feed pressure and higher production rates.

Blade Thickness and Material

Thicknesses:

.014 and .020 (28g and 25g) This material is for small wheeled (such as portables) and three wheeled-machines where the higher degree of flexing can cause blade breakage in heavier materials.

.025 (23g) The most common thickness used in blade widths from 1/16" to 1/2".

.032 (21g) Primarily used only in 3/4" material but also available in 3/8" and 1/2" for extra strength in production contour cutting. Not recommended for blades lengths under 14 feet.

.035 (20g) This is the standard thickness of carbon steel blades from 1" to 2" wide.

Materials:

BC Carbonsteel Bandsaw Blades: recommended for wood and plastic cutting. A flexible body with teeth (which are hardened through tempering) offers extended blade life and the ability to withstand higher blade speeds.

Carbide Tipped Blades: available for difficult cutting, such as very hard abrasive plastics or exotic woods.

BC Premium or Tempered Back Blades: also available, but due to high blade speeds used in wood and plastic cutting, they are only recommended in unusual circumstances.

For a complete guide, ask for our Bandsaw Blade Selection Guide either by phone, in person or at our website: www.bcsaw.com

BANDSAW BLADES

Regular Carbon Bandsaw Blades



Teeth per Inch	Width Thickness							
	1/8"	3/16"	1/4"	3/8"	1/2"	5/8"	3/4"	1"
	.025"	.025"	.025"	.025"	.025"	.032"	.032"	.035"
2								
3								
4								
6								
8								
10								
14								
14 wavy								
18								
18 wavy								
24 wavy								
32 wavy								

Applications: Designed for wood cutting applications, contour cutting and metal cutting of low carbon steel, non-ferrous metals and plastics.

Furnwood Carbon Bandsaw Blades



Teeth per Inch	Width Thickness		
	1/4"	3/8"	1/2"
	.032"	.032"	.032"
3			
4			

Applications: This is a heavier gauge carbon bandsaw blade used for extra strength in production contour cutting. This style of blade is not recommended for blade lengths under 14 feet.

Thin Carbon Bandsaw Blades



Teeth per Inch	Width Thickness			
	3/16"	1/4"	3/8"	1/2"
	.014"	.014"	.014"	.020"
6				
8				
10				
14				
18 wavy				
24 wavy				

Applications: A thinner carbon bandsaw blade designed to be used in small-wheeled (portable) and three-wheeled machines where the higher degree of flexing can cause blade breakage in heavier gauges.

Indicates Available Size

Premium (Hardback) Bandsaw Blades

Applications: A hardened or tempered back bandsaw blade that provides more beam strength where required.

Teeth per Inch	Width Thickness					
	1/4"	3/8"	1/2"	5/8"	3/4"	1"
	.025"	.025"	.025"	.032"	.032"	.035"
2						
3						
4						
6						
8						
10						
10 wavy						
14						
14 wavy						
18						
18 wavy						
24 wavy						
32 wavy						



Bimetal Bandsaw Blades

Applications: Designed to cut most ferrous metals, all grades of steel and titanium as well as copper and nickel alloys.

Note: Variable pitch (VP) refers to a band with a tooth pattern in which every inch has a different number of teeth. For example, 5|8 VP has five teeth in the first inch and eight in the next inch. These variable pitch bandsaws work well in tubing and sheet metal. The 1 1/4" x 5|8 VP bandsaw has been found as the best solution for the cutting of pallets where nails are frequently involved.

Teeth per Inch	Width Thickness									
	1/4"	1/4"	3/8"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"
	.025"	.035"	.025"	.035"	.020"	.035"	.035"	.035"	.042"	.050"
3										
4										
6										
8										
10										
14										
18										
24										
34 VP										
46 VP										
58 VP										
6 10 VP										
8 12 VP										
10 14 VP										
14 18 VP										



Indicates Available Size

BANDSAW BLADES

Meat Cutting Bandsaw Blades

Series MEAT



Teeth per Inch	Width Thickness	
	1/2"	5/8"
3	.020"	.020"
4		

Applications: A hardened edge, flexible back stainless steel band-saw blade designed for cutting meat.

Millband Bandsaw Blades

Series MILL



Tooth Pitch	Width Thickness				
	1"	1 1/4"	1 1/2"	1 3/4"	2"
3/4"	.035"	.035"	.042"	.050"	.035"
7/8"					
1"					

Applications: A specialty bandsaw blade that can be used in resawing or for primary lumber cutting on portable saw mills and other machines.

Bandsaw Blades for Portable Bandsaw Machines

Series PORT



Bandsaw Machine	Length, Width, Thickness	Teeth per Inch (TPI)						
		10	14	18	24	8/12	10/14	14/18
Black & Decker, Greenlee, Milwaukee, Rockwell, Porter-Cable, Ridgid	44 7/8" x 1/2" .020"							
Greenlee, Rockwell, Porter-Cable	53 3/4" x 1/2" .020"							
Ensley, Greenlee, Porter-Cable, Millers Falls	54" x 1/2" .025"							

Applications: A bimetal band-saw blade that is designed for use on portable machines, such as: Porter-Cable, Greenlee, Rockwell and others.

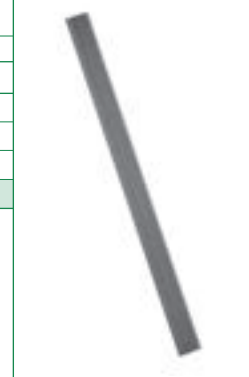
Indicates Available Size

Series KNST

Premium (Hardback) Bandsaw Blades

Applications: A specialty bandsaw blade designed for foams, fabric and other soft, fibrous materials.

Knife Style	(in) Blade Thickness	Blade Width						
		1/4"	1/2"	3/4"	1"	1 1/4"	1 1/2"	3"
Straight Edge, Single Bevel	.020"							
Straight Edge, Double Bevel	.020"							
	.025"							
	.032"							
	.035"							



Series KNSC

Premium (Hardback) Bandsaw Blades

Applications: A specialty bandsaw blade designed for foams, fabric and other soft, fibrous materials.

Knife Style	Blade Thickness	Blade Width				
		1/4"	3/8"	1/2"	3/4"	1"
Scalloped Edge, Double Bevel 1 1/2" Pitch	.020"					
	.025"					
	.028"					
	.032"					
"V" Tooth, Double Bevel 10 Teeth per Inch	.020"					
	.025"					
	.032"					
"V" Tooth, Double Bevel 14 Teeth per Inch	.020"					
	.025"					

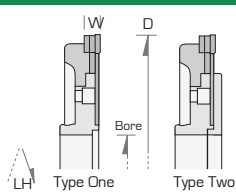


Indicates Available Size

HOGGER GUIDE

NAP GLADU Inc. can supply you with a hogger solution specific to your application. Carbide tipped, carbide insert, diamond tipped, and diamond insert are just a few options. The hogger styles on the following page4s are only a guide to options available. Contact a sales representative to consult and choose the best solution for you.

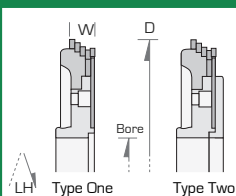
Twin Tec Hogger, Hydro S-System, $\varnothing 160\text{mm}$ (no centering shoulder)



Twin Tec Hogger, for S-System, $\varnothing 160\text{mm}$

Made for use on double-end tenoners and edge trimming machines with feed. Type one: for double hogging; type two: for scoring/hogging. Best for machining melamine and paper laminates, or panel materials laminated with HPL, foil and veneer.

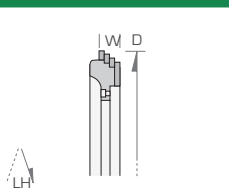
Twin Tec Hogger, for Hydro S-System, 160mm (no centering shoulder)



Twin Tec Hogger, for S-System, $\varnothing 160\text{mm}$

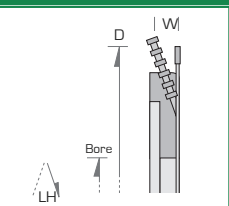
Made for use on double-end tenoners and edge trimming machines with feed. Type one: for double hogging; type two: for scoring/hogging. Best for machining melamine and paper laminates, or panel materials laminated with HPL, foil and veneer.

Hogger Ring



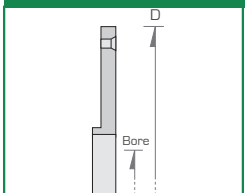
Made for chip-free sizing during the cross-cutting process. Designed for use with Twin Tec Hoggers.

Segmented Hogger, Triple Chip Flat, Stepped Cut



Made for chip-free sizing of panel materials on double-end tenoners, double-board edgers and edgers. This blade has a stepped cut and should cut against the grain, best for use on melamine laminated panel materials.

Hogger Flange

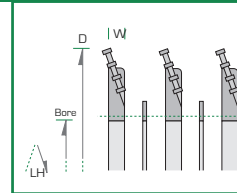


For attaching the hogger saw blade to the Twin Tec Hogger.

Contact a Sales Rep to Find the Right Hogger for Your Application.

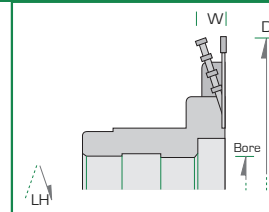
Folding Segment Extension

For v-groove cutting in thick panel materials. To be used to extend existing folding hoggers in Series 115.421 with diameters of 200mm or 250mm. The folding hogger and the extension must have matching diameters.



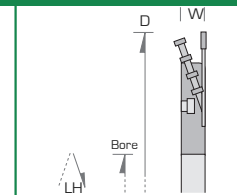
Folding Segmented Hogger

For cutting v-grooves and rabbets in laminated or veneered panel materials, for use on folding machines



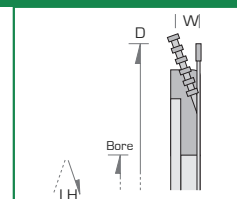
Folding Segmented Hogger

For cutting v-grooves and rabbets in laminated or veneered panel materials. Designed to be used on Homag, Koch, or Lehbrink folding systems.



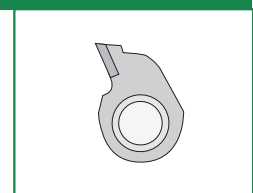
Segmented Hogger, Triple Chip, Circular Cut

For chip-free sizing of panel materials on double-end tenoners, double-board edgers and edgers. This blade has a circular cut and should cut with the grain. Best for use on melamine laminated panel materials.



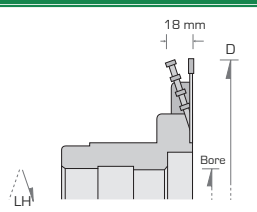
Segments for Diamond Twin Tec Hoggers

Made for use with diamond Twin Tec Hoggers. One set consists of 6 segments; for a circular cut order 12 segments, a stepped cut will require 24.



Contact a Sales Rep to Find the Right Hogger for Your Application.

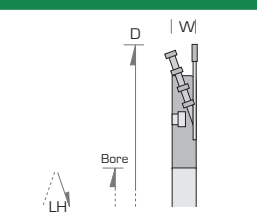
Segmented Hogger, 200mm Diameter



Segmented Hogger, 250mm Diameter

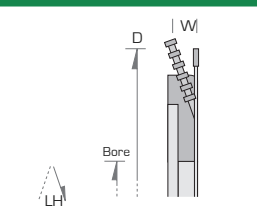
Designed for use on double-end tenoners and edge trimming machines with feed. For double hogging or for scoring/hogging. Made for machining melamine and paper laminates, CLV-board, hardboard or panel materials laminated with HPL, foil and veneer.

Segmented Hogger, for S-System, ø192mm



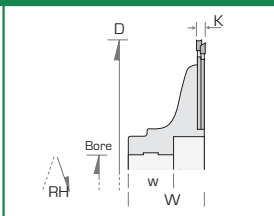
Designed for use on double-end tenoners and edge trimming machines with feed, for double hogging or for scoring/hogging. Best for machining melamine and paper laminates, or panel materials laminated with HPL, foil and veneer, or CLV-board or hardboard.

Segmented Hogger, ATB, Circular Cut



Made for chip-free sizing of panel materials on double-end tenoners, double-board edgers and edgers. This blade has a circular cut and should cut with the grain. Designed to work best when cutting foil laminated, raw and veneered materials or CLV board, hardboard and particleboard.

Hogger

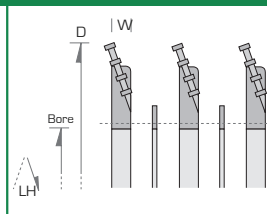


For chip-free cross cutting of solid wood on finger joint machines.

Contact a Sales Rep to Find the Right Hogger for Your Application.

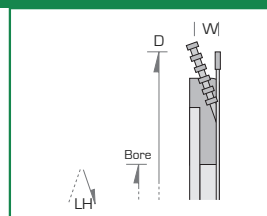
Segment Extension, for Series 115.321

Segment extensions for hogging large offal widths and veneer overhangs. To extend hoggers in series 115.321, with diameters of 200mm and 250mm.



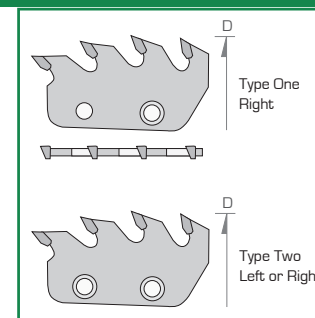
Segmented Hogger, ATB, Stepped Cut

Made for chip-free sizing of panel materials on double-end tenoners, double-board edgers, and edgers. This blade has a stepped cut and should cut against the grain. Designed to work best when cutting foil laminated, raw, and veneered materials or CLV board, hardboard, and particleboard.



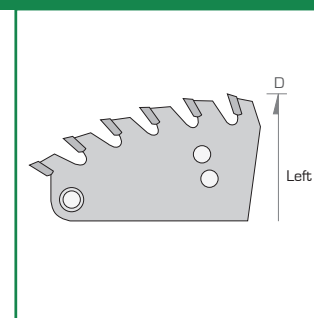
Segments for Segmented Hoggers

Replacement segments for segmented hogger. These are ready for use in segmented hoggers with a diameter of 200 mm or 250 mm.



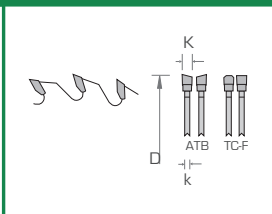
Segments for Segmented Hogger

Segments are available for right or left hand rotation and for either a circular cut or a stepped cut. The stepped cut design prevents end chipping when cutting across the grain. Please order in sets, or numbers divisible by sets.



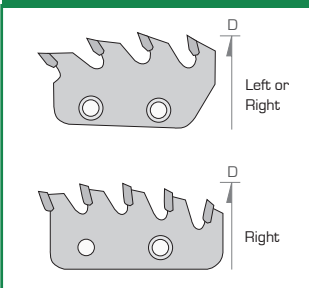
Contact a Sales Rep to Find the Right Hogger for Your Application.

Replacement Saws for Segmented Hoggers



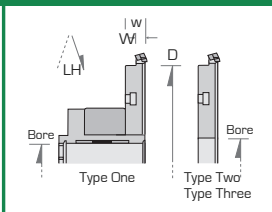
A replacement hogging saw blade for a large hogger. Please specify the hogger type when ordering: circular or stepped cut.

Segments for Folding Segmented Hogger



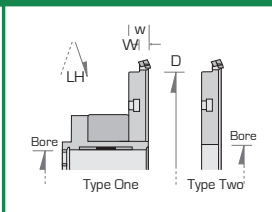
Replacement segments for segmented hogger. Ready for use in folding segmented hoggers or extensions with a diameter of 200 mm or 250 mm (Series 115.421 or 115.401, page 34). The circular saw blade and the segment must have the same diameter to work properly.

Diamond Power Tec Hogger, with chip evacuation.



For cutting panel materials and MDF. Type one: with hydro-bush; type two: for Leuco-S or Hydro-S System, Ø160 mm; type three: made for Leuco S-System, Ø192 mm.

Diamond Power Tec Hogger, Hydro-Bush or for Hydro S-System.

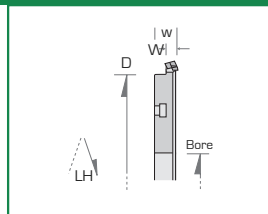


For cutting panel materials, particleboard and MDF on double-end tenoners with feed, such as Torwegge, Homag, IMA. Type one: with hydro-bush; type two: for Leuco-S or Hydro-S System, Ø160 mm.

Contact a Sales Rep to Find the Right Hogger for Your Application.

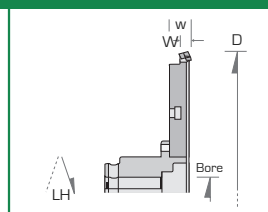
Diamond Power Tec Hoggers, for Leuco S-System, ø192

For double-end tenoners with feed, such as Homag, IMA and Torwegge. This hogger can be used with the Leuco S-System. For cutting panel materials, particleboard and MDF.



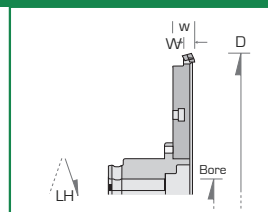
Diamond Power Tec Hogger, for standard bushing (Homag)

For use on double-end tenoners with feed, such as IMA, Homag and Torwegge. Designed to cut panel materials, particleboard and MDF.



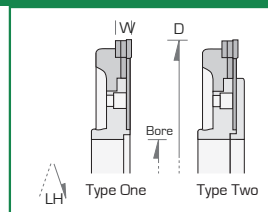
Diamond Power Tec Hogger, for standard bushing (IMA)

For double-end tenoners with feed, specifically IMA. For cutting panel materials, particleboard and MDF.



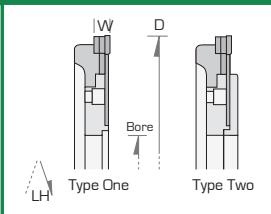
Diamond Twin Tec Hogger, for S-System, ø160mm

For double-end tenoners and edge trimming machines with feed; fits Leuco S-System. This hogger can be used for scoring/hogging or for double hogging. For cutting melamine and paper laminates and panel materials covered with HPL, foil and veneer.



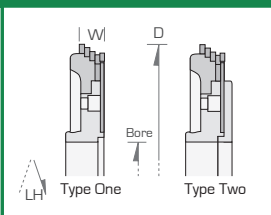
Contact a Sales Rep to Find the Right Hogger for Your Application.

Diamond Twin Tec Hogger, for Hydro S-System, ø160mm



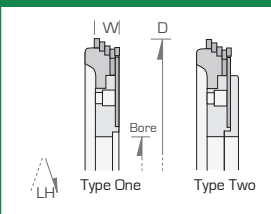
For double-end tenoners and edge trimming machines with feed, fits the Hydro S-System. Made for scoring/hogging or for double hogging. Cuts melamine and paper laminates and panel materials covered with HPL, foil and veneer.

Diamond Twin Tec Hogger, for S-System, ø160mm



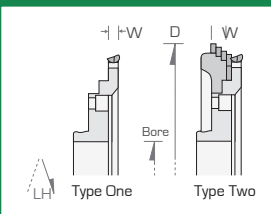
For double-end tenoners and edge trimming machines with feed, fits the Leuco S-System. For double hogging or for scoring/hogging. Cuts melamine and paper laminates and panel materials covered with HPL, foil and veneer.

Diamond Twin Tec Hogger, for Hydro S-System, ø160mm



For double-end tenoners and edge trimming machines with feed, fits the Hydro S-System. For double hogging or for scoring/hogging. Cuts melamine and paper laminates and panel materials covered with HPL, foil and veneer.

Diamond Twin Tec Hogger, for S-System, ø160mm

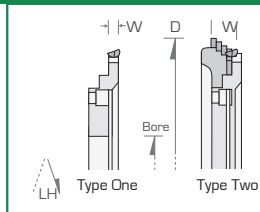


For use on double-end tenoners and edge trimming machines with feed, fits the Leuco S-System. For scoring/hogging or for double hogging. Cuts melamine and paper laminates and panel materials covered with HPL, foil and veneer.

Contact a Sales Rep to Find the Right Hogger for Your Application.

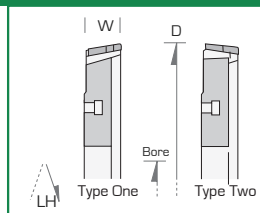
Diamond Twin Tec Hogger, for Hydro S-System, $\varnothing 160\text{mm}$

For use on double-end tenoners and edge trimming machines with feed, fits the Hydro S-System. For scoring/hogging or for double hogging. Cuts melamine and paper laminates and panel materials covered with HPL, foil and veneer.



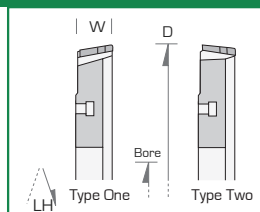
Diamond Compact Hogger, for S-System, $\varnothing 192\text{mm}$

For use on double-end tenoners and edge trimming machines with feed, fits Leuco S-System. Will cut melamine and paper laminates and panel materials covered with HPL, foil and veneer.



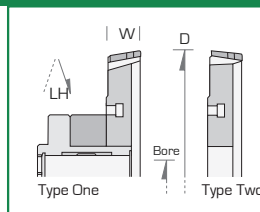
Diamond Compact Hogger, for Hydro S-System, $\varnothing 160\text{mm}$

For use on double-end tenoners and edge trimming machines with feed, fits Hydro S-System. Will cut melamine and paper laminates and panel materials covered with HPL, foil and veneer.



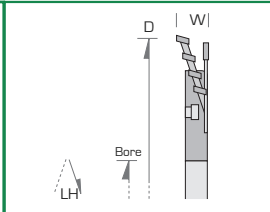
Diamond Compact Hogger

For use on double-end tenoners and edge trimming machines with feed. Made to cut melamine and paper laminates and panel materials covered with HPL, foil and veneer.



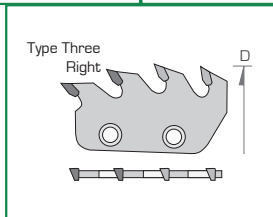
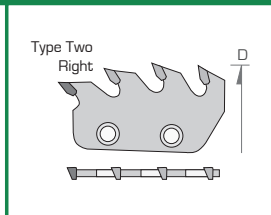
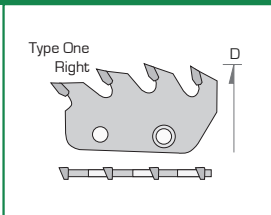
Contact a Sales Rep to Find the Right Hogger for Your Application.

Diamond Hogger, for S-System, ø192mm



For double-end tenoners and edge trimming machines with feed; fits Leuco S-System. Can be used for scoring/hogging or for double hogging. Cuts melamine and paper laminates and panel materials covered with HPL, foil and veneer.

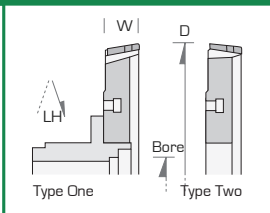
Diamond Segments, for S-System, ø192mm



Leucodur
Leucodia

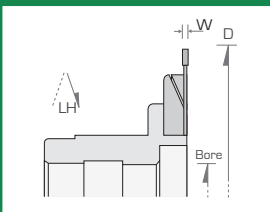
For complete hogging of the offal in panel materials. Ready for use in segmented hoggers with a diameter of 200 mm or 250 mm. Segments should be purchased in sets; a set of 4 segments for a diameter of 200 mm or a set of 6 segments for a diameter of 250 mm.

Diamond Hogger, for S-System, ø192mm



For use on double-end tenoners and edge trimming machines with feed. Made to cut melamine and paper laminates and panel materials covered with HPL, foil and veneer.

Diamond Hogger

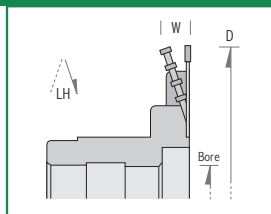


For double-end tenoners and edge trimming machines with feed. This can be used for scoring/hogging or for double hogging. Cuts melamine and paper laminates and panel materials covered with HPL, foil and veneer.

Contact a Sales Rep to Find the Right Hogger for Your Application.

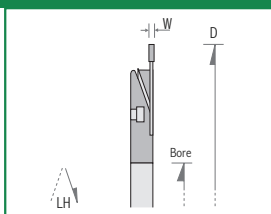
Diamond Hogger

For double-end tenoners and edge trimming machines with feed.
For double hogging or for scoring/ hogging. Cuts melamine and paper laminates and panel materials covered with HPL, foil and veneer.



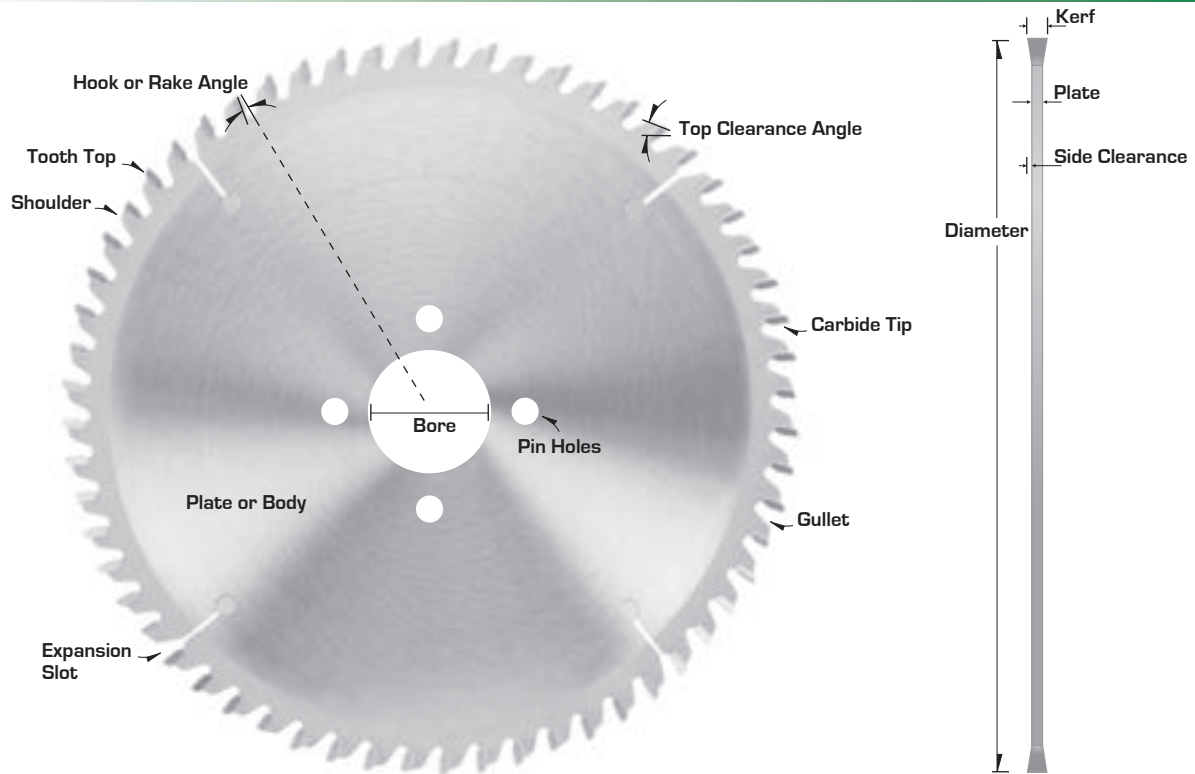
Diamond Hogger, for S-System, $\varnothing 192\text{mm}$

For double-end tenoners and edge trimming machines with feed; fits Leuco S-System. This hogger can be used for scoring/ hogging or for double hogging. Cuts melamine and paper laminates and panel materials covered with HPL, foil and veneer.

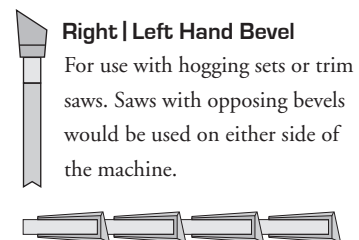
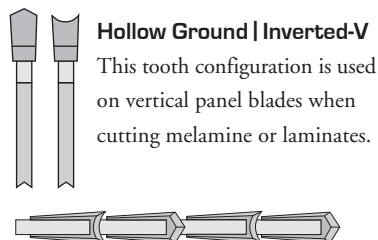
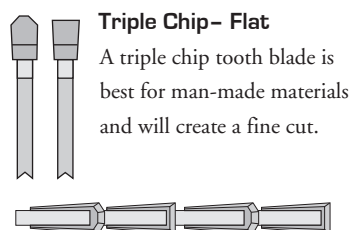
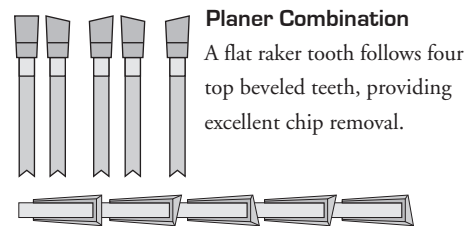
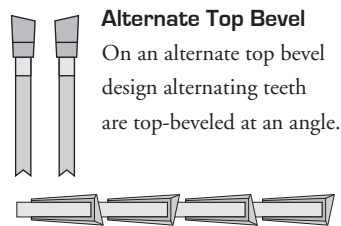
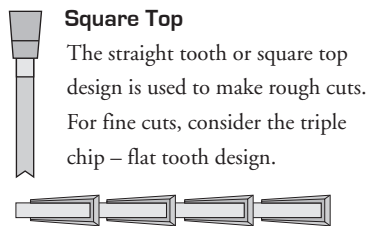


Contact a Sales Rep to Find the Right Hogger for Your Application.

Saw Blade Terminology



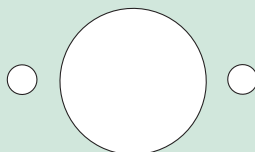
Tooth Configurations



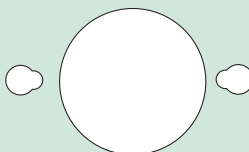
Saw Blade Terminology Continued

Bore Styles

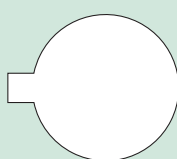
Pinholes



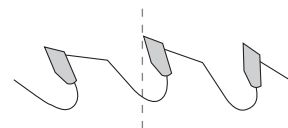
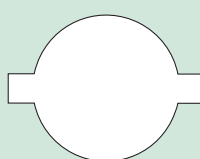
"Combi" Combination Pinholes



Keyway

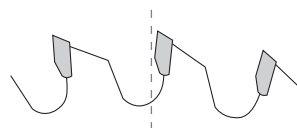


Double Keyway



Positive Hook Angle

A positive hook angle is for crosscutting or ripping in an undermounted machine. The angled teeth will keep the material stable while being cut.



Negative Hook Angle

For use with an overarm saw or when using a radial arm. A negative hook angle will keep the material on the table, a positive angle would pull up.

Helpful Hints for Cutting with Saw Blades

Proper selection and use of tool will greatly increase the quality of the cut and extend the life of the tool.

- **Always make sure that the saw body and teeth are clean.** Dirt or pitch buildup under the collars of the saw will increase run out and decrease the total life of the saw blade. Pitch buildup around the teeth, gullets, shoulders or body of the saw blade can cause overheating, poor cutting, high resistance and excessive run out.
- **The collars that support the saw blade should be a minimum of 1/3 the diameter of the saw blade.** They should be straight and exactly the same size. The collars should also always be kept clean. Dirty collars increase saw blade run out which will be amplified at the rim of the blade. *See page 29 for saw stabilizing collars.*
- **When cutting all metals, a lubricant of some form should be used.** The lubricant will prevent "welding," reduce friction, improve the blade performance and reduce chances of binding and tooth breakage.
- **To cut double sided panels use a scoring blade.** For machines not so equipped, NAP GLADU offers several alternative blade designs. *See Series CJ1, CJ2, and CJ3 on page 10.*
- **Adjust your saw so that the blade clears the material 1/4" to 1/2" from the bottom of the gullet.**
- **Never overfeed or overload.** For blades to perform well, the machine must maintain its RPM and not bog down under load.
- **Fence or guide alignment accuracy is critical to proper, safe cutting.**
- **Always use the diameter blade that the machine was designed for.**
- **Choose the right number of teeth.** The number of teeth should be determined in consideration of the feed rate, the rpm and the material being cut. Using only the necessary amount of teeth will prevent the blade from burning the material.
- **Use the correct saw blade.** Refer to the Saw Blade Guides on page 121-124 and the General Saw Blade Descriptions on the next page, for safe, clean cutting.

General Saw Blade Descriptions

Use the correct saw blade for safe, clean cutting.

CA-Rip Saws	Down grain cutting of solid woods. There are seven styles to choose from depending on the application. <i>Pages 4-5</i>
CB-Cutoff Saw	For cross grain cutting of solid woods and general cutting of composite boards. <i>Page 6</i>
CC-Triple Chip Saws	To cut composite boards, plastics and synthetic materials when a clean finish is required. <i>Page 9</i>
CD1-Non-Ferrous Saws	For cutting of non-ferrous metals (aluminum, brass, copper) in either sheet or extrusion form. <i>Page 23</i>
CD2-Ferrous Saws	Designed to cut iron and other ferrous materials, especially profiles, tubes, etc. <i>Page 25</i>
CE-Combination Saws	General purpose saws for cross and down grain cutting when high speed and a perfect finish are not required. <i>Page 12</i>
CF-Thin Kerf Saws	Low resistance cutting of plastics and expensive woods with minimum of waste. <i>Page 12</i>
CG1-Standard Dados	For grooving solid woods from 1/8" to 13/16" on table or overhead saws. <i>Page 14</i>
CG2-Fine Cutting Dados	For grooving composite boards and veneers from 1/8" to 13/16" on table and overhead saws. <i>Page 14</i>
CH-Thin Rim Saws	Blades with thin rims that have the strength of a standard body for low resistance cutting of plastics. <i>Page 13</i>
CI-Specialty Saws	A thin kerf blade for cross cutting in thin walled plastic and aluminum profiles. <i>Page 22</i>
CJ-Melamine Cutting Saws	To cut single and double-sided melamine board with a chip free finish. <i>Page 10</i>
CK-Plastic Cutting Saws	Designed for cutting all types of plastics with an extra smooth "melt free" cut. <i>Page 22</i>
CL-Double End Trim Saws	For sizing and trimming of all types of wood and particle board on a DET. <i>Page 11</i>
CM-Emergency Rip Saws	For cutting materials when nails may be a problem (roof and trailer floor repair). <i>Page 5</i>
CN-Mitre Saws	Mitre cutting of mouldings on single or double blade machines. <i>Page 7</i>
CP-Panel Sizing Saws	Sizing and trimming of finished or veneered particle board, to be used in combination with scoring blade. <i>Pages 15-16</i>
CR-Edge Clipping Saws	To trim plastic, veneers and solid wood edges on edgebanding machines. <i>Pages 20-21</i>
CS1-Split Scoring Saws	A two piece blade for scoring the underside of double-sided laminated materials. <i>Page 19</i>
CS2-Tapered Scoring Saws	To score the underside of double-sided veneers on panel saws, DET's and table saws. <i>Page 20</i>
CT1-Grooving Saws	For grooving solid woods, composite boards and finished panels. <i>Page 27</i>
CT2-Biscuit Joiner Saws	Specifically designed for portable biscuit joiner machines. <i>Page 28</i>
CY-Plastic Laminate Saws	For sizing cuts in plastic laminate material on table saws and vertical panel saws. <i>Page 11</i>
CZ-Plastic Laminate Saws	For sizing cuts in plastic laminate material on table saws and vertical panel saws. <i>Page 11</i>
HS-High Speed Steel Ferrous	An extremely hard saw blade for cutting ferrous metals at low RPM on automatic machines. <i>Page 26</i>
KNC-Circular Knives	A variety of knife edge blades for cutting paper, foam, hydraulic hose, etc. All custom made. <i>Page 28</i>
NF-Non-Ferrous Saws	For cutting aluminum, copper and other non-ferrous metals on manual and automatic machines. <i>Page 25</i>

Saw Blade Selection Guide, for horizontal panel sizing saws.

Machine Type	Main Saw							Scoring Postforming Saw					
	Blade Diameter	Teeth Count	Blade Kerf	Bore Size	Tool Number by Tooth Geometry			Blade Diameter	Teeth Count	Blade Kerf	Bore Size	Tooth Geometry	NAP GLADU Tool Number
					ATB	Triple Chip	Finish						
Gabbiani Prima SCM Alpha Galaxy 90	355	72	4.4	80		188601, pg 22	188756	160	36	4.4-5.2	55	CO-ATB	188541, pg 24
	355	72	4.4	80			188756	125	2x20	4.0-4.6	20	LH-RH	188598
	350	54	4.6/3.2	80		Special Order		160	36	4.6-5.4/2.8	55	CO-ATB	Special Order
								200	36	4.6-5.4/3.2	80	CO-ATB	Special Order
								300	72	4.8/3.2	80	ATB	Special Order
								350	72	4.8/3.2	80	ATB	Special Order
Gabbiani Class Galaxy 115 SCM Delta	400	72	4.4	80		188602	188765	160	36	4.4-5.2	55	CO-ATB	188541, pg 24
								125	2x20	4.0-4.6	20	LH-RH	188598
								200	36	4.6-5.4/3.2	80	CO-ATB	Special Order
								300	72	4.8/3.2	80	ATB	Special Order
								350	72	4.8/3.2	80	ATB	Special Order
Gabbiani Galaxy 125	420	72	4.6/3.2	80		Special Order		200	36	4.6-5.4/3.2	80	CO-ATB	Special Order
								300	72	4.8/3.2	80	ATB	Special Order
Gabbiani Elite Galaxy 140	450	72	4.4	80		188603	188775	160	36	4.4-5.2	55	CO-ATB	188541, pg 24
								125	2x20	4.0-4.6	20	LH-RH	188598
								200	36	4.6-5.4/3.2	80	CO-ATB	Special Order
								300	72	4.8/3.2	80	ATB	Special Order
Gabbiani A10	500	72	4.4	80		188604		160	36	4.4-5.2	55	CO-ATB	188541, pg 24
	560	60	5.0	80		188605							
Anthon LNA	400	72	4.4	60		188461, pg 22		180	30	4.4-5.2	20	CO-ATB	188545, pg 24
Anthon CP	430	72	4.4	60		188470, pg 22		180	30	4.4-5.2	20	CO-ATB	188545, pg 24
Anthon LNB	530	60	5.8	60		188896, * pg 23		180	30	5.8-6.6	20	CO-ATB	188548, pg 24
Anthon LNC	700	60	6.2	80		188874, * pg 23		180	30	6.2-7.0	20	CO-ATB	188549, pg 24
Giben Smart	320	60	4.4/3.2	75		Special Order		200	44	4.4-5.2	50	CO-ATB	Special Order
Giben MK Gamma	350	60	4.4	75		188451, pg 21		125	20	4.65/5.4	45	CO-ATB	188535, pg 24
Giben TrendPrismatic 1	355	60	4.4	75		188453, pg 22	188758	125	20	4.65/5.4	45	CO-ATB	188535, pg 24
	355	72	4.4	75		188454, pg 22	188757						
Giben Starmatic	360	72	4.4	75		188664	188759	215	42	4.4-5.2	50	CO-ATB	188559, pg 24
Giben Starmatic 850	360	72	4.4	75		188664	188759	160	28	4.4-5.2	45	CO-ATB	188540, pg 24
Giben Prismatic 1	400	72	4.4	75		188462, pg 22	188766	160	28	4.4-5.2	45	CO-ATB	188540, pg 24
Giben 2000	400	72	4.4	75		188462, pg 22	188766	125	2x20	4.0-4.8	45	LH-RH	188531, pg 25
Giben Starmatic 1000 Prismatic ² h100 Sigmatic 101	400	72	4.4	75		188462, pg 22	188766	215	42	4.4-5.2	50	CO-ATB	188559, pg 24
Giben Sigmatic 201 Prismatic ² h115	430	72	4.4	75		Special Order	Special Order	215	42	4.4-5.2	50	CO-ATB	188559, pg 24
	430	96	4.4	75		188472, pg 22	188772						
Giben Prismatic 2	430	96	4.4	75		188472, pg 22	188772	215	42	4.4-5.2	50	CO-ATB	188559, pg 24
								300	2x32	4.2-4.7	50	LH-RH	188531, pg 24
Giben Prismatic 3	470	96	4.4	75		188476, pg 22	188862	215	42	4.4-5.2	50	CO-ATB	188559, pg 25
Prismatic 301 Sigmatic 301								300	48	4.4-5.2	50	CO-ATB	188560, pg 24
								300	2x32	4.2-4.7	50	LH-RH	188531, pg 24
Giben	500	60	4.4	75		188479, pg 22		125	20	4.4-5.2	45	CO-ATB	188534, pg 32
Giben Matic h150	550	60	5.0	100		188898, pg 22		125	20	4.65-5.4	45	CO-ATB	188535, pg 24
								180	30	5.2-6.0	55	CO-ATB	188547, pg 24
Giben Tetramatic	565	60	5.0	100		188900, pg 22		215	42	4.4-5.2	50	CO-ATB	188559, pg 24
	470	60	4.4	75		Special Order							
* edge life-optimized panel sizing saws													

CONVERSIONS, TROUBLESHOOTING & INDEXES

Saw Blade Selection Guide, for horizontal panel sizing saws.

Machine Type	Main Saw							Scoring Postforming Saw					
	Blade Diameter	Teeth Count	Blade Kerf	Bore Size	Tool Number by Tooth Geometry			Blade Diameter	Teeth Count	Blade Kerf	Bore Size	Tooth Geometry	NAP GLADU Tool Number
					ATB	Triple Chip	Finish						
Panhans Euro 5	280	60	3.2	30		188616	188749	125	24	3.2-4.0	20	CO-ATB	188576, pg 24
Panhans Euro 10	305	60	4.4	30		188450, pg 21	188751	125	20	4.4-5.2	20	CO-ATB	188532, pg 24
Panhans Euro 30	350	72	4.4	30		188452, pg 21	188753	180	30	4.4-5.2	30	CO-ATB	188546, pg 24
Panhans 693 - 50/70	350	72	4.4	30		188452, pg 21	188753	180	30	4.4-5.2	30	CO-ATB	188546, pg 24
Panhans 693 - 90/110	400	72	4.4	30		188458, pg 22	188763	180	30	4.4-5.2	30	CO-ATB	188546, pg 24
Scheer FM 10	240	54	3.2	30		188447, pg 21		180	42	3.2-4.0	16	CO-ATB	188544, pg 24
Scheer FM 16	305	60	3.2	30		188448, pg 21	188752	200	60	3.2-4.1	30	CO-ATB	188875, pg 24
								200	36	4.4-5.0	30	CO-ATB	Special Order
Scheer PA 6000 FM 21	350	72	4.25	30			188755	200	36	4.4-5.0	30	CO-ATB	Special Order
	350	72	4.4	30			188754						
Scheer FM 14	400	72	4.25	30		188460, pg 22	188767	200	36	4.4-5.0	30	CO-ATB	Special Order
	400	72	4.4	30		188458, pg 22	188763						
Scheer PA 7000 FM 22	450	72	4.65	30			188779	200	36	4.8-5.8	30	CO-ATB	Special Order
	450	72	4.8	30			188778						
Mayer	305	60	4.4	30		188450, pg 21	188751						
Mayer	350	72	4.4	30		188452, pg 21	188907						
Mayer	400	72	4.4	30		188458, pg 22	188763						
Selco EB 70	300	60	4.4	65		Available		200	36	4.4-5.2	65	CO-ATB	188553, pg 24
Selco EB 90	350	72	4.4	80		Available		200	36	4.4-5.2	65	CO-ATB	188553, pg 24
	350	60	4.4	80		188683		300	48	4.4-5.2	65	CO-ATB	188612, pg 24
	355	72	4.4	80			188856	300	72	4.6	65	ATB	188497, pg 25
Selco EB 100	355	72	4.4	65		Special Order		200	30	4.4/3.2	65	CO-ATB	Special Order
								300	48	4.4-5.2	65	CO-ATB	188612, pg 24
								300	72	4.6	65	ATB	188497, pg 25
Selco EB/EBT 110 EB, EBL	400	72	4.4	80		188606, pg 22		200	36	4.4-5.2	65	CO-ATB	188553, pg 24
	400	72	4.4	80			188764	300	48	4.4-5.2	65	CO-ATB	188612, pg 24
	400	84	4.4	80		188607, pg 22		300	72	4.6	65	ATB	188497, pg 25
Selco EB 120	430	72	4.4	80		188608, pg 22		200	36	4.4-5.2	65	CO-ATB	188553, pg 24
	430	72	4.4	80			188773	300	48	4.4-5.2	65	CO-ATB	188612, pg 24
	430	84	4.4	80		188609		300	72	4.6	65	ATB	188497, pg 25
Selco WN 600/122	430	72	4.4	80		188608, pg 22		200	36	4.4-5.2	65	CO-ATB	188553, pg 24
	430	72	4.4	80			188773	300	72	4.6	65	ATB	188497, pg 25
	430	84	4.4	80		188609							
Selco WN 600/132	450	72	4.8	80		188610, pg 22		200	36	4.8-5.6	65	CO-ATB	188618, pg 24
	450	72	4.8	80			188781	300	72	4.6	65	ATB	188497, pg 25
Selco WN 600/145	480	72	4.8	80		188611, pg 22		200	36	4.8-5.6	65	CO-ATB	188618, pg 24
								300	72	4.6	65	ATB	188497, pg 25
SCM Sigma 65	300	54	4.6/3.2	80		Special Order	Special Order	160	36	4.6-5.4/2.8	55	CO-ATB	Special Order
								200	36	4.6-5.4/3.2	80	CO-ATB	Special Order
								300	72	4.8/3.2	80	ATB	Special Order
SCM Sigma 90	350	54	4.6/3.2	80		Special Order	Special Order	160	36	4.6-5.4/2.8	55	CO-ATB	Special Order
								200	36	4.6-5.4/3.2	80	CO-ATB	Special Order
								300	72	4.8/3.2	80	ATB	Special Order
								350	72	4.8/3.2	80	ATB	Special Order
SCM Alpha	355	72	4.4	80		188601, pg 22	188756	160	36	4.4-5.0	55	CO-ATB	188541, pg 24
								125	2x20	4.0-4.6	20	LH/RH	188599
SCM Delta	400	72	4.4	80		188606, pg 22	188763	160	36	4.4-5.0	55	CO-ATB	188541, pg 24
								125	2x20	4.0-4.6	20	LH/RH	188599
SCM Sigma 115	400	60	4.6/3.2	80		Special Order	Special Order	160	36	4.6-5.4/2.8	55	CO-ATB	Special Order
								200	36	4.6-5.4/3.2	80	CO-ATB	Special Order
								300	72	4.8/3.2	80	ATB	Special Order
								350	72	4.8/3.2	80	ATB	Special Order

Saw Blade Selection Guide, for horizontal panel sizing saws.

Machine Type	Main Saw						Scoring Postforming Saw						
	Blade Diameter	Teeth Count	Blade Kerf	Bore Size	Tool Number by Tooth Geometry			Blade Diameter	Teeth Count	Blade Kerf	Bore Size	Tooth Geometry	NAP GLADU Tool Number
					TCTC	Triple Chip	Finish						
Holzma Type 72	350	72	4.4	60			188942	180	36	4.4-5.2	45	CO-ATB	Available
								240	84	4.6	45	ATB	Available
Holzma Type 82	380	72	4.8	60		188456, pg 22	188761	180	36	4.8-5.8	45	CO-ATB	188550, pg 24
								280	84	5.0	45	ATB	Special Order
Holzma Type 81/91	380	72	4.8	60		188456, pg 22	188761	200	36	4.8-5.6	45	CO-ATB	188555, pg 24
								340	108	4.9	45	ATB	Special Order
								340	108	5.0	45	ATB	188501, pg 25
Holzma Type 01	400	72	4.8	60		188464, pg 22	188853	200	36	4.8-5.6	45	CO-ATB	188555, pg 24
								340	108	4.9	45	ATB	Special Order
								340	108	5.0	45	ATB	188501, pg 25
								220	64	4.9	45	ATB	Special Order
								220	64	5.0	45	ATB	Special Order
Holzma Type 92/02	420	72	4.8	60		188466	188769	200	36	4.8-5.6	45	CO-ATB	188555, pg 24
								340	108	4.9	45	ATB	Special Order
								340	108	5.0	45	ATB	188501, pg 25
								220	64	4.9	45	ATB	Special Order
								220	64	5.0	45	ATB	Special Order
Holzma Type 11	450	72	4.8	60		188474	188777	180	36	4.8-5.8	45	CO-ATB	188550, pg 24
								340	108	4.9	45	ATB	Special Order
								340	108	5.0	45	ATB	188501, pg 25
								220	60	4.9	45	ATB	Special Order
								220	60	5.0	45	ATB	Special Order
Holzma Type 22	500	72	4.8	60	188481, pg 16	188571, pg 22		200	36	4.8-5.6	45	CO-ATB	188555, pg 24
								340	108	4.9	45	ATB	Special Order
								340	108	4.9	45	ATB	Special Order
Holzma Type 21	500	72	4.8	60	188481, pg 16	188571, pg 22		200	36	4.8-5.6	45	CO-ATB	188555, pg 24
								340	108	4.9	45	ATB	Special Order
								340	108	5.0	45	ATB	188501, pg 25
								220	64	4.9	45	ATB	Special Order
								220	64	5.0	45	ATB	Special Order
Holzma Type 23	520	60	4.8	60		188894,* pg 23 188524, pg 22		200	36	4.8-5.6	45	CO-ATB	188555, pg 24
								340	108	4.9	45	ATB	Special Order
								340	108	5.0	45	ATB	188501, pg 25
								200	60	4.9	45	ATB	Special Order
								200	60	5.0	45	ATB	Special Order
Holzma Type 41	520	60	4.8	60		188894,* pg 23 188524, pg 22		200	36	4.8-5.6	45	CO-ATB	188555, pg 24
								320	2x24	4.6-5.8	45	ATB	Special Order
								320	2x24	4.8-6.0	45	ATB	Special Order
								220	64	5.8	45	ATB	Special Order
Holzma Type 42 Bis1993	570	96	5.8	60		188901,* pg 23 188489		200	36	5.8-6.6	45	CO-ATB	188556, pg 24
								340	48	5.9	45	ATB	Special Order
								340	48	6.0	45	ATB	188502
								220	64	5.9	45	ATB	Special Order
								220	64	6.0	45	ATB	Special Order
Holzma Type 33	600	60	5.8	60		188871,* pg 23 188490, pg 22		200	36	5.8-6.6	45	CO-ATB	188556, pg 24
								340	108	6.0	45	ATB	Special Order
								340	108	6.1	45	ATB	Special Order
								200	60	5.9	45	ATB	Special Order
								200	60	6.0	45	ATB	Special Order
Holzma Type 42 Ab1994	600	96	5.8	60		188871,* pg 23 188490, pg 22		200	36	5.8-6.6	45	CO-ATB	188556, pg 24
								340	48	5.9	45	ATB	Special Order
								340	48	6.0	45	ATB	188502
								220	64	5.9	45	ATB	Special Order
								220	64	6.0	45	ATB	Special Order
Holzma Type 61	670	72	5.8	60		188903,* pg 23 188494		200	36	5.8-6.6	45	CO-ATB	188556, pg 24
								340	48	5.9	45	ATB	Special Order
								340	48	6.0	45	ATB	188502
Holzma Type 66	730	72	6.2	60		180801,* pg 23		200	36	6.2-7.2	45	CO-Scoring	Special Order

* edge life-optimized panel sizing saws

CONVERSIONS, TROUBLESHOOTING & INDEXES

Saw Blade Selection Guide, for horizontal panel sizing saws.

Machine Type	Main Saw							Scoring Postforming Saw					
	Blade Diameter	Teeth Count	Blade Kerf	Bore Size	Tool Number by Tooth Geometry			Blade Diameter	Teeth Count	Blade Kerf	Bore Size	Tooth Geometry	NAP GLADU Tool Number
					ATB	Triple Chip	Finish						
Schelling FM	350	72	4.4	30			188753	200	36	4.4-5.4	20	CO-ATB	188597, pg 24
								180	2x20	4.0-4.8	20	CO-ATB	Special Order
Schelling FL FM	350	54	4.4	30	188503, pg 23			200	24	4.3-5.1	20	CO-ATB	188552, pg 24
	350	72	4.4	30		188452, pg 21	188753	200	36	4.4-5.2	20	CO-ATB	188597, pg 24
	355	72	4.4	30	188506, pg 23								
Schelling FM	370	72	4.4	30		188680		200	36	4.4-5.2	20	CO-ATB	188597, pg 24
	370	72	4.4	30			188760	180	2x20	4.0-4.8	20		Special Order
Schelling FW AW	400	60	4.6	30	188509, pg 23			150	24	4.4-5.2	20	CO-ATB	188537, pg 24
	400	72	4.6	30	188511, pg 23								
	400	72	4.4	30		188458, pg 24							
	400	72	4.4	30			188763						
Schelling FL FL-M m FU	450	72	4.4	30		188473, pg 22		200	36	4.4-5.2	20	CO-ATB	188597, pg 24
	450	72	4.4	30			188780	200	2x24	4.0-4.8	20		Special Order
Schelling AL FL AL	450	72	4.4	30		188473, pg 22		200	36	4.4-5.2	20	CO-ATB	188597, pg 24
	450	72	4.4	30			188780	220	2x24	4.0-4.8	20		Special Order
	450	54	4.6	30	188515, pg 23								
Schelling FL FL-M m FU	460	72	4.4	30			188859	200	36	4.4-5.2	20	CO-ATB	188597, pg 24
								200	2x24	4.0-4.8	20		Special Order
								220	2x24	4.0-4.8	20		Special Order
Schelling FL	480	80	4.4	30		188681, pg 22		200	36	4.4-5.2	20	CO-ATB	188597, pg 24
	480	72	4.4	30			188860	200	2x24	4.0-4.8	20		Special Order
								220	2x24	4.0-4.8	20		Special Order
Schelling AL	480	80	4.4	30		188681, pg 22		200	36	4.4-5.2	20	CO-ATB	188597, pg 24
	480	72	4.4	30			188860	220	2x24	4.0-4.8	20		Special Order
	500	60	4.6	30	188517, pg 23								
Schelling FW	500	60	4.4	30		188477, pg 22		180	30	4.4-5.2	20	CO-ATB	188545, pg 24
Schelling	530	60	5.0	30		188895, * pg 23		200	34	5.0-5.8	20	CO-ATB	188557, pg 24
Schelling FT FT-M	550	60	5.0	40		188899, * pg 23		200	34	5.0-5.8	20	CO-ATB	188557, pg 24
								220	36	5.5-6.5	-		Special Order
								180	2x24	5.0-6.0	20		Special Order
Schelling FT-M m FU	550	72	5.0	40		188899, * pg 23		200	34	5.0-5.8	20	CO-ATB	188557, pg 24
Schelling AT FT AT	550	72	5.0	40		188899, * pg 23		200	34	5.0-5.8	20	CO-ATB	188597, pg 24
	550	48	5.0	40	188519, pg 23			180	2x24	5.0-6.0	20		Special Order
Schelling AT	580	60	5.5	40		188863		180	2x24	5.0-6.0	20		Special Order
								200	36	5.0-6.0	20	CO-ATB	Special Order
Schelling FT	620	72	6.2	40		188864, pg 23		200	34	6.2-7.0	20	CO-ATB	188558, pg 24
								220	36	5.5-6.5	-		Special Order
								180	2x24	5.0-6.0	20		Special Order
Schelling AS FS AT	650	60	6.2	40		188889, * pg 23		200	34	6.2-7.0	20	CO-ATB	188558, pg 24
	650	48	6.2	40	188523			200	2x24	6.0-7.0	20		Special Order
	650	72	6.2	40		188492							
Schelling FS/FS-M FS-M m FU	670	60	6.2	40		188908, * pg 23		200	34	6.2-7.0	20	CO-ATB	188558, pg 24
								200	2x24	6.0-7.0	20		Special Order
Schelling AS	670	60	6.2	40		188908, * pg 23		200	34	6.2-7.0	20	CO-ATB	188558, pg 24
								200	2x24	6.0-7.0	20		Special Order
Schelling AS	680	60	6.2	40		188909, * pg 23		200	34	6.2-7.0	20	CO-ATB	188558, pg 24
	680	60	6.2	40	188956, pg 23			200	2x24	6.0-7.0	20		Special Order
Homag Sawtech CH03 Plus	300	72	4.4	75		188884, pg 21		150	28	4.4-5.2	45	CO-ATB	188885, pg 24
	300	60	4.4	75			188750						
Homag Sawtech CHF 41	350	60	4.4	75		188451, pg 21		200	36	4.5-5.5	45	CO-Scoring	Special Order
Homag Sawtech CH 3006	350	72	4.4	75		188452, pg 21		350	72	4.52	75		Special Order
Homag Sawtech CHF 51	400	72	4.4	75		188462, pg 22		200	36	4.5-5.5	45		Special Order
Homag Sawtech CV	300	96	4.4	75		188886, pg 25	ATB w/ chamfer	125	24	4.4/ 5.2	45	CO-ATB	188888, pg 24
								300	96	4.5	75	ATB w/ chamfer	188887, pg 25

* edge life-optimized panel sizing saws

Standard Gauges – Birmingham or Stubbs

Gauge	Inches	mm	Gauge	Inches	mm	Gauge	Inches	mm	Gauge	Inches	mm
0000	.454	11.532	7	.180	4.572	17	.058	1.473	27	.016	.406
000	.425	10.795	8	.165	4.190	18	.049	1.244	28	.014	.356
00	.380	9.652	9	.148	3.759	19	.042	1.066	29	.013	.330
0	.340	8.636	10	.134	3.403	20	.035	.889	30	.012	.305
1	.300	7.620	11	.120	3.048	21	.032	.812	31	.010	.254
2	.284	7.213	12	.109	2.768	22	.028	.711	32	.009	.229
3	.259	6.578	13	.095	2.413	23	.025	.635	33	.008	.203
4	.238	6.045	14	.083	2.108	24	.022	.559	34	.007	.178
5	.220	5.588	15	.072	1.828	25	.020	.508	35	.005	.127
6	.203	5.156	16	.065	1.651	26	.018	.457	36	.004	.102

Decimal and Metric Equivalents

Fraction	Decimal	mm	Fraction	Decimal	mm	Fraction	Decimal	mm	Fraction	Decimal	mm
1/64	.015625	.40	17/64	.265625	6.8	33/64	.515625	13.1	49/64	.765625	19.5
1/32	.03125	.80	9/32	.28125	7.2	17/32	.53125	13.5	25/32	.78125	19.9
3/64	.46875	1.2	19/64	.296875	7.6	35/64	.546875	13.9	51/64	.796875	20.2
1/16	.0625	1.6	5/16	.3125	8.0	9/16	.5625	14.3	13/16	.8125	20.6
5/64	.078125	2.0	21/64	.328125	8.4	37/64	.578125	14.7	53/64	.828125	21.0
3/32	.09375	2.4	11/32	.34375	8.8	19/32	.59375	15.1	27/32	.84375	21.4
7/64	.109375	2.8	23/64	.359375	9.2	39/64	.609375	15.5	55/64	.859375	21.8
1/8	.125	3.2	3/8	.375	9.6	5/8	.625	15.9	7/8	.875	22.2
9/64	.140625	3.6	25/64	.390625	10.0	41/64	.640625	16.3	57/64	.890625	22.6
5/32	.15625	4.0	13/32	.40625	10.4	21/32	.65625	16.7	29/32	.90625	23.0
11/64	.171875	4.4	27/64	.421875	10.8	43/64	.671875	17.1	59/64	.921875	23.4
3/16	.1875	4.8	7/16	.4375	11.2	11/16	.6875	17.5	15/16	.9375	23.8
13/64	.203125	5.2	39/64	.453125	11.6	54/64	.703125	17.9	61/64	.953125	24.2
7/32	.21875	5.6	15/32	.46875	12.0	23/32	.71875	18.3	31/32	.96875	24.6
15/64	.234375	6.0	31/64	.484375	12.4	47/64	.734375	18.7	63/64	.984375	25.0
1/4	.25	6.4	1/2	.5	12.8	3/4	.75	19.1	1	1.0	25.4

Conversion Chart

1 Inch	=	25.4 Millimeters
.001 Inch	=	.0254 Millimeters
1 Millimeter	=	.03937 Inches
.1 Millimeter	=	.00394 Inches
.01 Millimeter	=	.00039 Inches
1 Pound	=	.4536 Kilograms
1 Ounce	=	28.3495 Grams
1 Kilogram	=	2.2046 Pounds
1 Gallon	=	3.7853 Litres
1 Litre	=	.2642 Gallons
1 Bar	=	14.5 PSI
1 PSI	=	.069 Bars
1 Kilowatt	=	1.33 Horsepower
1 Horsepower	=	.750 Kilowatts

Boring Chart for Wood Screws

Screw Number	A Maximum Head Diameter	Threads per Inch	B Shank Diameter (Inches in Decimals)	Nearest Fractional Equivalent	C Root Diameter (Inches in Decimals)	Nearest Fractional Equivalent
0	.119	32	.060	1/16 .002 Oversized	.040	3/64 .007 Oversized
1	.146	28	.073	5/64 .005 Oversized	.046	3/64 Basic Size
2	.172	26	.086	3/32 .007 Oversized	.054	1/16 .008 Oversized
3	.199	24	.099	7/64 .010 Oversized	.065	1/16 .002 Undersized
4	.225	22	.112	7/64 .003 Undersized	.075	5/64 .003 Oversized
5	.252	20	.125	1/8 Basic Size	.085	5/64 .007 Undersized
6	.279	18	.138	9/64 .002 Oversized	.094	3/32 Basic Size
7	.305	16	.151	5/32 .005 Oversized	.102	7/64 .007 Oversized
8	.332	15	.164	5/32 .007 Undersized	.112	7/64 .003 Undersized
9	.358	14	.177	11/64 .005 Undersized	.122	1/8 .003 Oversized
10	.385	13	.190	3/16 .002 Undersized	.130	1/8 .005 Undersized
11	.411	12	.203	13/64 Basic Size	.139	9/64 .001 Oversized
12	.438	11	.216	7/32 .003 Oversized	.148	9/64 .007 Undersized
14	.491	10	.242	1/4 .008 Oversized	.165	5/32 .009 Undersized
16	.544	9	.268	17/64 .002 Undersized	.184	3/16 .003 Oversized
18	.597	8	.294	19/64 .003 Oversized	.204	13/64 .001 Undersized
20	.650	8	.320	5/16 .007 Undersized	.223	7/32 .004 Undersized
24	.756	7	.372	3/8 .003 Oversized	.260	1/4 .010 Undersized

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