

CUTTING & GRINDING

CUTTING TOOLS REFERENCE CHART

Tooling Type (See Codes Below)	Other	Size Range	USAGE		Manufacturers Comments
			Type of Material Machined	Tool Application	
A A Carbide, 1275 W. 2100 S., Salt Lake City, UT 84119 (801) 486-4881 www.aacarbide.com					
1, 2, 3		Variety of sizes	Wood, plastic, solid surface, non-ferrous	Portable and stationary router	Custom & standard profiles
3		Variety of sizes	Wood	NC & CNC Router	Including spirals
7, 10, 11, 8			Wood	Moulder	CNC grinding — short lead times
4, 5, 11			Wood	Shaper	On-site manufacturing
12, 13, 14		Variety of sizes	Wood, plastic, solid surf., non-ferr	Table, radial, panel saws, all saw types	Sales & service
5			Wood	Shaper	Sales, manufacturing & service
Bull Sharpening Service Inc., 6332 W. Roosevelt Road, Oak Park, IL 60304 (708) 386-2365 www.bullsharp.com					
1, 2, 3		All	Wood, panel products, plastics	CNC & hand routers	
4, 5, 6		Up to 12"	Wood	Molding & shaping	
7, 8, 10, 11		Up to 12"	Wood	Molding & shaping	
12, 13, 14		Up to 30"	Wood, panel products, plastics	CNC & table saws	
CMT USA Inc., 7609-D Bentley Road, Greensboro, NC 27409 (336) 854-0201 or (888) 268-2487 www.cmtusa.com					
1			Wood, composites, plastics	Cutters for portable, stationary, pin & CNC routing equipment	Complete range of orange teflon-coated router bits & specialty cutters, spinal & boring bits
12		4" - 16"	Wood, composites, melamine, veneers and non-ferrous metals	Blades for table saws, radial arm saws, miter & compound miter saws.	New line of orange teflon-coated blades for var. of apps. Avail in rip, crosscut, combination, melamine, compound miter, non-ferrous & dado
CTD Machines Inc., 2300 E. 11th St., Los Angeles, CA 90021 (213) 689-4455 www.ctdsaw.com					
12		10", 12", 16", 20" dia. carbide circ. blades	Wood, plastic, aluminum	Straight and mitre cutting	
Carter Diamond Tool Corp., 4475 Hamann Pkwy., Willoughby, OH 44094 (800) 628-8665 or (440) 946-7800 www.carterdiamond.com					
2		Variety of sizes	Designed to machine wood, MDF, plastic, composites and non-ferrous metals	CNC router	PCD-tipped tools designed to replace HSS & carbide
4, 5			Designed to machine wood, MDF, plastic, and composites		PCD-tipped tools designed to replace HSS & carbide
DPI-Advanced Finishing Technologies, 2241 Lake St., Niles, MI 49120 (269) 648-2259 www.dpi-aft.com					
1			Wood and wood byproducts	Dovetail bits	Manual and automatic dovetailers
Drake Corp., 916 Jeffco Executive Drive, Imperial, MO 63052 (800) 325-0988 www.draketools.com					
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	Single, Multiple flute Custom designs	All standards stocked	Wood, composite, plastic, non-ferrous	CNC, manual and panel processing equipment	Custom hogsers, specialty saws, CNC ground inserts, single and multiple flutes and service avail.
E.W.Tooling Inc., P.O. Box 38, 31540 125th St., Princeton, MN 55371 (763) 389-2635 www.ewtooling.com					
1, 2, 3		Custom sizes US/Metric	All natural woods & man-made	Cabinetry, laminate doors, components	Custom tooling for all rotating wood machining
4, 5	Carbide-tipped	Custom sizes US/Metric	All natural woods & man-made	Cabinetry, laminate doors, components	Constant diameter, straight/hydro bores
7, 8, 9, 10, 11		Custom sizes US/Metric	All natural woods & man-made	Cabinetry, laminate doors, components	Custom profile
Eagle America, 510 Center St., Chardon, OH 44024 (888) 872-7637 www.eagleamerica.com					
1	Router bits		Various	Router & CNC equipment	Company offers a wide variety of bits
1,2,7,12,13	Cutterheads				Planer and slotting cutterheads, etc.
Eagle International Carbide, P.O. Box 5639, Statesville, NC 28687 (800) 633-8068 www.eagle-carbide.com					
7,8,10,11	Saw tips & STBs		All woods	Circular saws	Diamond & CBN grinding wheels

CUTTING TOOLS TYPE CODES:

Bits

1. Carbide Router Bits
2. Diamond Router Bits
3. Insert Router Bits

Cutterheads

4. Diamond-Tipped Cutterheads
5. Insert Cutterheads
6. Solid Carbide Cutterheads

Knives

7. Carbide Knives
8. Corrugated Knives
9. Diamond-Tipped Knives
10. High-Speed Steel Knives
11. Insert Knives

Saw Blades

12. Carbide Saw Blades
13. Diamond-Tipped Saw Blades
14. High-Speed Steel Saw Blades

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FS Cruing, 55 Administration Rd., Unit 1, Concord, ON, Canada L4K 4G9 (800) 461-5319 or (905) 738-0145 www.fscruing.com

2		Varies	Solid wood, veneered PB, MDF	CNC routers/machines	Full line in standard and custom profile
4		Varies	Solid wood, veneered PB, MDF	Shapers, planer, moulders, edgebander	Full line in standard and custom profile multi-head CNC machining center
13		Varies	Same plus plastics, circuit board	All types of saw machines	Full line in standard and custom profile

**FS Tool Corp., 210 S. Eighth St., P.O. Box 510, Lewiston, NY 14092-0510 (800) 387-9723
71 Hobbs Gate, Markham, ON, Canada L3R 9T9**

www.fstoolcorp.com

1		1/8" - 3-1/2" diameter	Solid wood, veneered PB, MDF	CNC, pin and hand routers	Full line of standard straight and profiled router bits. Custom sizes available.
2					
3		3/8" - 3/4" diameter	Solid wood, veneered PB, MDF	CNC, pin routers	Full line of standard straight router bits. Custom diameters and profile shapes avail.
5		Various	Solid wood, veneered PB, MDF	Shapers, planers, moulders edgebanders, double-end tenoners	Large range of standard heads. Custom sizes and profiles made to order
7		4" - 37" long	Solid wood, veneered PB, MDF	Planers and jointers	Stock and custom sizes available
8		1-1/4" - 2-3/4" long	Solid wood	Moulders	HCHC & M2 steel in 25" long bar lengths and 1/4" and 5/16" thicknesses
10		4" - 37" long	Solid wood	Planers and jointers	M2 and T1 steel knives from stock in larger range of sizes. Custom dimensions available
11		2mm - 120mm	Solid wood, veneered PB, MDF	Various	Standard straight 12 X 1.5mm inserts in stock.
2		4" -22" diameter	Various	All types of saw machines	Complete line . Avail. in XL4000 extended life.
13					
Carbide boring bits		2mm - 40mm diameter	Solid wood, veneered PB, MDF	Boring machines	Extensive range of both inch and metric sizes with threaded, straight and tapered shanks.
Solid carbide router bits		1/8" - 3/4" diameter	Solid wood, veneered PB, MDF	CNC routers	Inch and metric sizes available with up, down and compression shear

Forest City Tool, 620 23rd St. NW, Hickory, NC 28601 (800) 866-5464 www.forestcitytool.com

1, 2, 3, 4, 5, 7, 8, 10, 11, 13	Diamond & carbide tooling	All sizes	Various	CNC, hand, planers, moulders, boring, jointers	Complete range of carbide-tipped and HSS boring tools, multi-spur bits, router bits, moulder heads, moulder and planer steel, boring heads, plug cutters & custom tooling
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Freeborn Tool Co., 6202 N. Freya St., Spokane, WA 99217 (509) 484-3033 or (800) 523-8988 www.freeborntool.com

5, 6, 11			Solid wood, MDF, PB	Shapers, moulders	Custom available
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Great Lakes Custom Tool, 101 N. Old Peshtigo Road, Peshtigo, WI 54157 (715) 582-3884 or (800) 873-4528 www.glct.com

2, 3, 4, 5		Varies			
Carbide Router Bits	Tantung	As per application	Solid wood, wood composite, plastic, laminates	CNC routers	Custom & standard & sharpening service
Insert Tooling	Carbide, Tantung, Ceramic, Diamond	Smallest dia. 2"	Solid wood, wood composite, plastic, laminates	Routers, shapers, moulders, tenoners, jointers, profilers	Custom
Saw Blades	Carbide-tipped	Various	Solid wood, wood composite, plastic, laminates	Rip, table, panel saw, mitre, scoring, dado	Custom & standard & sharpening service
Knives	Carbide, HSS, Insert	Various	Solid wood, wood composite, plastic, laminates	Moulders, jointers, profilers	As per application
Other Insert Tooling	Carbide, Tantung, Ceramic, Diamond	Various	Solid wood, wood composite, plastic, laminates	Profile	Custom

Grizzly Industrial Inc., 1203 Lycoming Mall Circle, Muncy, PA 17756 (800) 523-4777 www.grizzly.com

Carbide-Tipped Router Bits		0.025" - 3 1/2"	Wood, plastic, solid surface, nonferrous	Router, shaper	
Insert Cutterheads		Many	Wood & wood products	Shaper, planer, jointer	

CUTTING TOOLS TYPE CODES:

Bits

1. Carbide Router Bits
2. Diamond Router Bits
3. Insert Router Bits

Cutterheads

4. Diamond-Tipped Cutterheads
5. Insert Cutterheads
6. Solid Carbide Cutterheads

Knives

7. Carbide Knives
8. Corrugated Knives
9. Diamond-Tipped Knives
10. High-Speed Steel Knives
11. Insert Knives

Saw Blades

12. Carbide Saw Blades
13. Diamond-Tipped Saw Blades
14. High-Speed Steel Saw Blades

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			Type of Material Machined	Tool Application	
Carbide-Tipped Cutterheads		2" - 5 3/4"	Wood, plastics, solid surface, non-ferrous	Shaper	
High Speed Steel Knives		1" - 24"	Wood & wood products	Router, shaper, planer, jointer	
Carbide-Tipped Saw Blades		Various	Wood, plastic, solid surface, nonferrous	Table saw, bandsaw	

GUHDO-USA Inc., 1135 JVL Industrial Court, Marietta, GA 30066 (800) 544-8436 www.guhdo.com

1, 2, 3		Various	Natural wood, MDF, composite		Router, boring, dovetail, HSS, mortising, milled to pattern
4,5,6		Various	Natural wood, MDF, composite		Fingerjoint, moulder, planer, profile, shaper, specialty, tenoner, tongue & groove, v-grooving
7, 8, 9, 10, 11		Various	Natural wood, MDF, composite		Cutterhead, jointer, milled, profiled, moulder planer, shaper, tenoner, etc.
12, 13		Various	Natural wood, MDF, composite		Co. offers a variety of saw blades.

H3D Tool Corp., P.O. Box 314, Newcomerstown, OH 43832 (888) 544-3726 www.H3DTool.com

Carbide Bits		All	Wood, MDF, Plywood, Solid Surface, Plastics		
Solid Carbide Cutterheads		All	Same as above		
Insert Cutterheads		All	Same as above		
Knives		All	Corrugated Insert		
Carbide Saw Blades		Thru 24"	Same as above		
Diamond Routers		All	Solid Wood, MDF, Plywood, Solid Surface, Plastics		
Diamond Tipped Cutterheads		All	Same as above		
Diamond Tipped Saw Blades		All	Same as above		

Heinemann Saw Co., 2017 Navarre Road S.W., Canton, OH 44706 (330) 456-4721 www.heinemannsaw.com

12 Saw blades	Carbide tip	4" - 84"	Wood, plastic, particleboard, fiberglass, non-ferrous metals, paper	Circular saw	Standard and custom, sharpening services.
14 Saw blades	Carbide tip	4" - 36"	Wood, paper	Circular blades	Standard and custom
10 Circular knives	HSS	4" - 20"	Paper, rubber	Circular knives	Standard and custom

Hot Knives, 8208 Exchange Way, St. Louis, MO 63144 (314) 963-3322 or (800) 854-5772 www.hotknives.com

5, 7, 8, 9, 10	Complete knife service	As needed	Natural wood, MDF, Composite	Moulders, shapers, planers	Made to order, custom-tailored; pre-cut roughed-out or finish-ground.
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L.R.H.Enterprises Inc., 9250 Independence Ave., Chatsworth, CA 91311 (800) 423-2544 www.lrhent.com

1	Router, shaper bits		Natural woods, composites, plastics.	Multiple speed routers, CNC routers	Anti-kickback body style. Made in USA. Balanced
6	King Cutters, executive component & architectural cutters	3-wing and custom multiple wing	Natural woods, PB, MDF, HDF and plastics	All shapers, edgebanders w/shaper head. Moulders, single- and double-end tenoners	Made in USA. Balanced. More than 900 standard profiles as well as custom made cutters
12 Moulder head	Magic Moulder	7" only	Wood, wood byproduct	5/8", 3/4" or 1" bore	83 profiles available
3 Insert Router Bits 5 Insert Cutterheads 11 Insert Knives					All heads machined on CNC equip., all tips programmed & ground on CNC grinders, all heads spun-balanced and holes are honed for smooth, vibration-free cuts

Leitz Tooling Systems Inc., 4301 E. Paris Ave.S.E., Grand Rapids, MI 49512 (800) 253-6070 www.leitztooling.com

1	Tipped profile solid spiral	8mm - 130mm	Composites, laminates, wood	Straight cuts sizing, grooving, profiling	Quick delivery for custom TCT routers cutters
2	Profiled or straight	8mm - 130mm	Composite, laminates, glued wood, solid wood	Straight cuts, sizing, grooving, profiling	DIACut 3-economy line of bits for grooving/ sizing. DIA tools are suited to CNC machines
3	Profiled or straight	8mm - 100mm	See above	Straight cuts, sizing, grooving, profiling	Designed for high rpm's and finish quality
4	Profiled or straight	80mm - 300mm	See above	Joining, rabbeting, profiling	Suited for edgebanding and panel processing

CUTTING TOOLS TYPE CODES:

Bits	Cutterheads	Knives	Saw Blades
1. Carbide Router Bits	4. Diamond-Tipped Cutterheads	7. Carbide Knives	12. Carbide Saw Blades
2. Diamond Router Bits	5. Insert Cutterheads	8. Corrugated Knives	13. Diamond-Tipped Saw Blades
3. Insert Router Bits	6. Solid Carbide Cutterheads	9. Diamond-Tipped Knives	14. High-Speed Steel Saw Blades
		10. High-Speed Steel Knives	
		11. Insert Knives	

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5	Standard and custom	80mm - 300mm	See above	Jointing, rabbetting, profiling	Three insert systems
6	TCT cutterheads	80mm - 300mm dia.	See above	Jointing, rabbetting, profiling	Quick delivery for custom TCT cutterheads
7	Blanks or profiled	20mm - 180mm	Composite material, solid wood	Profiling	CNC profiled from CAD data
8	60 degree corrugations	20mm - 635mm	Solid wood or composite	Moulder or shaper	Centrostar planer head
12	Std., thin kerf, low noise	100 - 650mm dia.	Solid wood, composite, metals	Ripping or cross cutting	New micro fine carbide tips for longer run times
13	Diamond saws	100 - 400mm dia.	Composite, laminates, glued wood	Scoring, parting, grooving	Used on very abrasive materials

Leuco Tool Corp., 500 Industrial Court West, Villa Rica, GA 30180 (800) 631-0096 www.leucotool.com

1		3 - 80mm (1/8" - 3")	All	Sizing, grooving, profiling	Solid Carbide Spirals, repair service
2		10 - 80mm (3/8" - 3")	All	Sizing, grooving, profiling	Disposable, Diamax, Leucodia Profiler, repair serv.
3		12 - 80mm (1/2" - 3")	All	Sizing, grooving, profiling	Super Profiler, Eco-Pro, Custom; repair service
4		50 - 400mm (2" - 16")	All	Sizing, grooving, profiling	Many standard tools available; repair service
5		50 - 400mm (2" - 16")	All	Sizing, grooving, profiling	Super Profiler, Eco-Pro, Custom; repair service
6	TCT	50 - 400mm (2" - 16")	All	Sizing, grooving, profiling	Custom; repair service
11		1.2 - 120mm (3/64" - 5")	All	Sizing, grooving, profiling	Various grades for different materials; repair service
12		80- 670mm (3"- 26")	All	Panel sizing, cutoff, rip	Topline, Proline inch standards; repair service
13		80-500mm (3"- 20")	All	Panel sizing, cutoff, rip	Custom by application; repair service

Misenheimer Saw & Tool Inc., P.O. Box 1163, Morristown, TN 37816 (423) 587-4300 www.misenheimerinc.com

Router bits 1, 2, 3		Per application	Wood, composite, plastic, ss	CNC routers	Custom and standard sharpening
Insert tooling	Carbide, Jonalloy	Per application	Solid wood, composite, laminates	Routers, moulders, shapers, tenoners, Flooring machines	Custom
Knives	Profile, carbide and HSS	Per application	Solid wood, wood composite	Moulders, shapers, tenoners	Custom
Saw blades	Carbide-tipped, thin kerf	3" - 36"	Wood, plastic, laminates, comp.	Gang, rip, panel saws	Custom & standard

NAP GLADU, 1180 Wernsing Road, Jasper, IN 47546 (800) 457-7468 (US) (800) 363-9117 (Canada) (US) www.napgladu.com

1 Bits	Brazed & solid carbide	Metric & English	Natural & Man-made material	Hand and CNC routers	Up/Down, Shear-spirals, compression
2	Diamond router bits	English	Natural & Man-made material	Hand and CNC routers	Disposable and standard
3	Insert Router bits	Metric & English	Natural & Man-made material	Hand and CNC routers	Standard, dedicated, universal
4	Diamond cutterheads	Per customer profile	Natural & Man-made material	Shapers, moulders, tenoners	Custom made to profile
5	Insert cutterheads	Per customer profile	Natural & Man-made material	Shapers, moulders, tenoners	Custom made to profile
8	Corrugated knives	1/4" & 5/16" thick 1-1/4" to 3" height	Natural woods	Moulders	
11	Insert Knives	All standard sizes	Natural & Man-made material	All insert cutterheads	Various carbide grades available
12	Carbide-tipped saw blades	2" to 72" diameter	Natural & Man-made material	All saw blade operations	Various tooth configurations
13	Diamond-tipped saw blades	2" to 20" diameter	Man-made material	Panel and Score saws	
1	Bit	1" +	Solid wood	Overhead routers	Custom
2	PCD Bit	1/2" and custom	Solid wood, wood fiber comp.	CNC routers	Staggered or solid tooth design
3	Insert Carbide	10mm and custom	Solid wood, wood fiber comp.	Overhead & CNC routers	CNC profiled carbide inserts
4	PCD	Custom made	Solid wood, wood fiber comp.	Moulders, tenoners	Staggered or solid tooth design
5	Carbide Insert	Custom made	Solid wood, wood fiber comp.	Shapers, moulders, tenoners	CNC profiled carbide inserts
6	Carbide	Custom made	Solid wood	Shapers	Milled to pattern
7	Carbide	Various	Solid wood	Router bits, cutterheads	Several hardness grades

CUTTING TOOLS TYPE CODES:

Bits

1. Carbide Router Bits
2. Diamond Router Bits
3. Insert Router Bits

Cutterheads

4. Diamond-Tipped Cutterheads
5. Insert Cutterheads
6. Solid Carbide Cutterheads

Knives

7. Carbide Knives
8. Corrugated Knives
9. Diamond-Tipped Knives
10. High-Speed Steel Knives
11. Insert Knives

Saw Blades

12. Carbide Saw Blades
13. Diamond-Tipped Saw Blades
14. High-Speed Steel Saw Blades

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8	HSS	Various	Solid wood	Planers	Cut/ground to customer spec
9	PCD	5mm - 30mm	Wood fiber composites	Cutterheads	Special applications
10	HSS	Various	Solid wood		Cut to size
11	Carbide inset	Various	Solid wood, wood fiber comp.	Router bits, cutterheads	Stock
12		100mm to 700mm	Solid wood, wood fiber comp.	Rip, table, sliding table, panel saw	Sharpening service
13		100mm to 700mm	Wood fiber composites	Sliding table saw, panel saw	Sharpening service

Newman Machine Co. Inc., 507 Jackson St., P.O. Box 5467, Greensboro, NC 27435-0467 (336) 273-8261

www.newmanwhitney.com

QUIETCUT cutterhead (helical carbide)	Planer cutterhead High Speed Steel, carbide	4 1/2" - 13 3/16" D to 52" long	Solid wood, plastic, solid wood composites, MDF, glued panels		Full line of planer cutterheads
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Nordic Saw & Tool Manufacturers, 2114 Divanian Drive, Turlock, CA 95382 (800) 345-3535 www.nordicsaw.com

	Carbide-tipped saw blades	US & Metric	All		Excellent delivery times
	Carbide-tipped shaper cutters	US & Metric	All		Repair Service on all tooling
	Carbide-tipped router bits	US & Metric	All		
	Drill bits	US & Metric	All		
	Dados	US & Metric	All		
	Finger joint shaper cutters	US & Metric	All		
	Indexable insert shaper cutters and router bits	US & Metric	All		
1	Solid carbide router bits	US & Metric	All		
	Jointer/planer knives	US & Metric	All		HSS, carbide-tipped solid carbide
	Custom carbide	US & Metric	All		Blades, cutters, bits

LMT Onsrud LP. 1081 S. Northpoint Blvd.. Waukegan, IL 60085 847-362-1560 or 800-234-1560 www.onsrud.com

HSS Router Bit	HSS	1/8" - 1"	Wood	Routing	CNC
1	Solid carbide	1/8" - 3/4"	All wood products	Routing	Wood-Rout
1	Carbide tip	1/8" - 2"	MDF	Routing	MDF
1	Solid carbide	1/8" - 3/4"	Laminates	Routing	Compression spiral
1	Solid carbide	1/16" - 1/2"	Plastics	Routing	Plastic bits

Practical Products Co., 3925 Virginia Ave., Cincinnati, OH 45227 (513) 561-6560 www.practicalprods.com

1	Solid carbide	1/4" diameter	Dec. laminates		Flush and bevel trim bits
1	Carbide-tipped	1/8" - 1/2"	Dec. laminates and wood		Flush, bevel, plunge, panel bits
	Carbide-tipped	35mm	Wood	Hinge mounting	Boring bits

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Bits

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2. Diamond Router Bits
3. Insert Router Bits

Cutterheads

4. Diamond-Tipped Cutterheads
5. Insert Cutterheads
6. Solid Carbide Cutterheads

Knives

7. Carbide Knives
8. Corrugated Knives
9. Diamond-Tipped Knives
10. High-Speed Steel Knives
11. Insert Knives

Saw Blades

12. Carbide Saw Blades
13. Diamond-Tipped Saw Blades
14. High-Speed Steel Saw Blades

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Profile Technology Inc., 9116 Rott Road, St. Louis, MO 63127 (314) 965-9111 www.profiletech.com

5 Dedicated or multi-insert	Carbide	By application	Wood/non-ferrous	CNC through manual	Precision-ground micrograin inserts. Custom engineered to fit customer machines
11	Carbide	By application	Wood/non-ferrous	CNC through manual	Custom CNC inserts for new or existing tools
12	Carbide-tipped saw blade	By application	Wood/non-ferrous	CNC through manual	Precision ground, custom engineered to specs.
1		By application	Wood/non-ferrous	CNC through manual	Catalog or custom engineered special profiles
6 Brazed style cutterheads	Carbide	By application	Wood/non-ferrous	CNC through manual	Custom engineered by application

RP Fletcher Machine Co., 4305 E. U.S. Hwy. 64, Lexington, NC 27292 (800) 4381054 www.fletcher-machine.com

2		3/8 in. and up	MDF, PB, laminates, abrasive materials, hardwoods, resins	Routers	Broad range of tooling.
4		All sizes	MDF, PB, laminates, abrasive materials, hardwoods, resins	Shapers, moulders	CAD-generated profiles; CNC machined
13		All sizes	See above	Trim, score, hog	Quiet running, ATB, TCG

Riverside Tool Corp., P.O. Box 1425, Elkhart, IN 46515 (574) 522-6798 or (800) 430-8498 www.riversidetool.com

1	Solid,carbide,carbide-tipped	Various, custom	Wood, composites, plastic	CNC, manual	New, service
2	PCD	Various, custom	Wood, composites, plastic	CNC	New, service
3	Carbide, alloy	Various, custom	Wood, composites, plastic	CNC, manual	New, service
4	PCD	Various, custom	Wood, composites, plastic	moulders, tenoners	New, service
5	Carbide, alloy	Various, custom	Wood, composites, plastic	shapers, moulders, tenoners	New, service
7	Backpack,inlay,profile,straigh	Various, custom	Wood, composites, plastic	router bits, cutterheads	New, service
8	Backpack,HSS,profile,straigh	Various, custom	Wood, composites, plastic	router bits, cutterheads	New, service
109	Profiled,straigh	Various, custom	Wood, composites, plastic	router bits, cutterheads	New, service
11	Carbide,alloy	Various, custom	Wood, composites, plastic	router bits, cutterheads	New, service
12		Various, custom	Wood, composites, plastic, metals	rip, table, sliding table, panel saw	New, service
13		Various, custom	Wood, composites, plastic	sliding table, panel saw	New, service

Robb Jack Corp., 3300 Nicolaus Road, Lincoln, CA 95648 (916) 645-6045 or (800) 527-8883 www.robbjack.com

1	Custom	.005" - 1"	Solid wood, PB, MDF and Laminated materials	CNC routers	Complete line of solid carbide router bits
2	Custom	1/8" - 3/4"	Same as above	CNC routers	Complete line of PCD-Tipped router bits
12	Custom	3/4" - 6" O.D.	All wood materials, plastics, rubber, non-ferrous and ferrous	CNC routers	Complete line of solid carbide slitting saws
13	Custom	Std. & Metric	Same as above	CNC routers	Special sizes available

**Royce//Ayr Cutting Tools Inc., 6391 Walmore Road, Niagara Falls, NY 14304 (800) 959-5641
405 Sheldon Drive, Cambridge, ON, Canada N1T 2B7**

www.royceayr.com

1	Custom & standard	1/16"-3-5/8"	Solid wood, PB, MDF, veneered	CNC, pin, hand routers	Straight & profiled router. Custom sizes avail.
2	Custom & standard	3/8"-4"	Solid wood, PB, MDF, veneered and laminated materials	CNC, pin routers	Complete line of straight and profiled routerbits. Special sizes and profiles made to order
3	Custom & standard	Various sizes	See above	CNC, pin routers	Straight and profiled insert router bits avail.

CUTTING TOOLS TYPE CODES:

Bits

1. Carbide Router Bits
2. Diamond Router Bits
3. Insert Router Bits

Cutterheads

4. Diamond-Tipped Cutterheads
5. Insert Cutterheads
6. Solid Carbide Cutterheads

Knives

7. Carbide Knives
8. Corrugated Knives
9. Diamond-Tipped Knives
10. High-Speed Steel Knives
11. Insert Knives

Saw Blades

12. Carbide Saw Blades
13. Diamond-Tipped Saw Blades
14. High-Speed Steel Saw Blades

CUTTING & GRINDING

CUTTING TOOLS REFERENCE CHART

Tooling Type (See Codes Below)	Other	Size Range	USAGE		Manufacturers Comments
			Type of Material Machined	Tool Application	
4	Custom & standard	Various sizes	See above	Various incl. CNC	Straight & profiled. Staggered or solid tips
5	Custom & standard	Various sizes	See above	Various incl. CNC	Straight and profiled cutterheads to order
6	Custom	Various sizes	See above	Various	Straight and profiled cutterheads to order
7	Straight & profiled	Various sizes	Solid wood & MDF	Planers and jointers	
8	Straight & profiled	Various sizes	Solid wood & MDF	Moulders	D-2, M-2, T-1 @ 25" bars or custom profiled
10		Various sizes	Solid wood	Planers and jointers	M-2 and T-1 knives at any length
11	Custom profiled	Various sizes	Solid wood, PB, MDF, veneered and laminated materials	Various	All standard inserts in stock variety of quantities. Micro finish and long life grades
12	Custom & standard	4"-40"	Wood materials, plastics, rubber non-ferrous and ferrous, metal	Various	Full line of carbide-tipped saw blades. Available in standard and ultra long life tips
13	Custom & standard	5"-28"	PB, MDF, laminates, resins other abrasive materials	Various	Sharpening service available
14	Coated	160mm-500mm	Ferrous, non-ferrous materials	Various	Coldsaws and other specialty machine knives

Saber Diamond Tools Inc., 101 Saber Pkwy., Villa Rica, GA 30180 (888) 240-4324 www.saberdiamond.com

2					All types of diamond router bits incl. profiled
4	Inc. shapers & moulders				For all applications and machine work
13	Diamond score blades, panel saws				For all aspects of panel processing
12					
3, 5, 11	Carbide insert tools				
	Profile sanding tools				

Safranek Enterprises Inc., 4005 El Camino Real, Astascadero, CA 93422 (805) 466-1563 www.hersaf.com

1, 3	Bits	1/8" - 1-1/2"	Solid & engineered wood, plastics solid surfacematerials	Manual or automatic router systems, CNC	Router, dovetail, mortising bits
	Cutterheads		Same as above	Manual or automatic systems, CNC	Dado, slotting, v-grooving cutterheads

Charles G.G. Schmidt & Co., 301 W. Grand Ave., Montvale, NJ 07645-1869 (800) 724-6438 www.cggschmidt.com

1	Std & Custom	Per application	Natural, man made, solid surface	Manual and CNC	Alloy steel bodies, carbide or S-alloy tipped
2	Std & custom	Per application	Natural, man made	CNC	For long runs
3	Custom	Per application	Natural, man made, solid surface	CNC	For maintaining profile
4	Custom	Per application	Natural, man made	Shaper, moulder, tenoner	For controlled feeds and RPM
5	Std & Custom	Per application	Natural, man made	Shaper, moulder, tenoner	For maintaining profile
7	Std & Custom	Straight and profiled	Natural, man made, solid surface	Shaper, planer, moulder, tenoner	For long runs
8	Steel & Carbide	1-1/4" to 3-1/2"	Natural, man made	Shaper, planer, moulder, tenoner	
10	M2 HSS, XLW	Varied	Natural	Shaper, planer, moulder, tenoner	
11	Std. & Custom	Per application	Natural, man made, solid surface	Shaper, planer, moulder, tenoner	For maintaining profile
12	Std. & Custom	Ripping, cross cutting	Natural, man made, solid surface	All types of machines	Carbide and S-Alloy tipped

Southeast Tool Inc., 101 GE Plant Road, P.O. Box 1597, Conover, NC 28613 (828) 324-2019 www.southeasttool.com

1	Spiral	1/8"-3/4"	Solid wood, MDF, laminated prod. chipboard, fiberboard, solid surface, plastics, plywood	Plunging, routing, dadoes, straight	CNC router and pin routers sharpening service available
1	Slotting	1/16"-1/4"	Same as above	Slotting	CNC or hand router
1	Spiral compressions	3/8"-3/4"	MDF, laminated products	Double-sided material	Sharpening service available
3	Custom	1" and up	All types	Custom profile	
7	Solid carbide	2" to 20"	All types		
11	Custom	Most	All types	Custom profile	Custom insert knives

CUTTING TOOLS TYPE CODES:

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5. Insert Cutterheads
6. Solid Carbide Cutterheads

Knives

7. Carbide Knives
8. Corrugated Knives
9. Diamond-Tipped Knives
10. High-Speed Steel Knives
11. Insert Knives

Saw Blades

12. Carbide Saw Blades
13. Diamond-Tipped Saw Blades
14. High-Speed Steel Saw Blades

CUTTING & GRINDING

CUTTING TOOLS REFERENCE CHART

Tooling Type (See Codes Below)	Other	Size Range	USAGE		Manufacturers Comments
			Type of Material Machined	Tool Application	
Stiles Machinery Inc., 3965 44th St. SE, Grand Rapids, MI 49512 (616) 698-7500 www.stilesmachinery.com					
	Corrugated Knife Cutterheads	Variety	Solid Woods, MDF	Moulding & planing	Conventional & hydro
5	Custom Cutterheads	Variety	Solid Woods, MDF	Moulding & planing	
7, 8, 9, 10, 11	M2, M3, T1, Carbide, Other	Variety	Solid Woods, MDF	Moulding & planing	
	Service				Templates, profile grinding, spindle repair
	Grinding Wheels	Variety			CBN, PCD
Super Thin Saws, P.O. Box 299, Waterbury, VT 05676 (802) 244-8101 www.superthinsaws.com					
12		4" - 20"	Solid wood, plastic, aluminum MDF and other materials	Ripsaws, moulders, flooring and specialty machines	Thin kerf saw blades; smooth cutting and durable
TenonCam-CNC System, 220 Bissell, San Jacinto, CA 92582 (951) 487-7680 www.tenoncam.com					
1	Milled to pattern	1/4 tenon	3/4 sheet stock	CNC router	LP/melamine, hardwood or softwood sheet stock with MDF/PB/stave or veneer cores
1	Milled to pattern	3/16 tenon	5/8 sheet stock	CNC router	Same as above
1	Milled to pattern	1/8 tenon	1/2 sheet stock	CNC router	Same as above
Terminus Technologies Inc., 11640 Adie Rd., St. Louis, MO 63043 (314) 997-4252 www.terminus-stl.com					
	Cutterheads				Moulder, planer, profile, shaper, tenoner knives
	Knives			tenoner	Cutterhead, jointer, moulder, shaper,
Total Saw Solutions, W4481 S. Cherry Road, Phillips, WI 54555 (800) 773-3133 www.totalsawsolutions.com					
12, 13	Circular, bandsaw blades	Various	Wood, plastic, alum, MDF, etc.		Thin kerf blades for bandsaws & circular saws
Vanguard Tool Corp., 57 Marshall Way, Fieldale, VA 24089 (800) 669-5071 www.vanguardtool.com					
1	Router bits	1/64" to 1 1/4"	Wood, plastic, metal, composites	CNC routers, mills	Made in the USA
Vortex Tool Co., 5605 E. Jelinek Ave., Schofield, WI 54476 (715) 355-7707 or (800) 355-7708 www.vortextool.com					
1 Carbide router bits,	Solid carbide, carbide-tipped and insert	1/8" - 2"	Solid wood, man-made materials	CNC and manual equipment	
Diamond router bits	PCD tipped & abrasive	Varied	Solid wood, man-made, composites		
3 Insert router bits	Straight routing & profile	Varied	Solid wood, man-made materials	CNC & manual	
7, 8, 10, 11					
4 Diamond-tipped cutterheads Std. straight & profile				Moulder, shaper, edgebanding	
5				Moulder, shaper, edgebanding	
	Profile inserts; V-Groove	2" - 12"	Solid wood, man-made materials	CNC & manual	
6 Solid carbide cutterheads					
12 Carbide saw blades					
Wadkin North America, P.O. Box 2226, Fairview, NC 28730 (336) 665-1907 or (828) 628-4414 www.wadkin.com					
1	Boring, auger bits	All sizes	Solid wood		
5, 6	Moulder, shaper, tenoner	All sizes	Solid wood, MDF	Planing & profiling	Standard & custom profiles
7, 8, 10, 11	Knives	All sizes	Solid wood, MDF	Planing & profiling	Moulder, cutterhead, tenoner knives
12			Solid wood, MDF	Crosscut, ripping	
Michael Weinig Inc., P.O. Box 3158, Mooresville, NC 28117 (704) 799-0100, (800) 666-8533 www.weinigusa.com					
	Corrugated knife cutterheads	122-250mm OD 40-330mm length	Solid woods, MDF and other synthetic materials	Moulding & planing	Conventional & hydro cutterheads
5 Universal Insert Cutters	Spiral, helical planer heads tongue and groove	125-195mm OD 35-320mm length	Solid woods, MDF and other synthetic materials	Moulding & planing	Carbide inserts for dedicated profiles
7, 8, 9, 10, 11	Corrugated and planer knives and inserts	Bars avail. up to 25'L Widths of 1- 1/2"-3"	Solid woods, MDF and other synthetic materials.	Moulding & planing	Premium and economy grades of HSS; TCT inlaid and double back carbide
12		300-700mm OD Z28 - Z200	Solid woods, MDF and other synthetic materials	Cross-cut and ripping	For exclusive use on Raimann and Grecon Dimter saws

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CUTTING & GRINDING

CUTTING TOOLS REFERENCE CHART

Tooling Type (See Codes Below)	Other	Size Range	USAGE		Manufacturers Comments
			Type of Material Machined	Tool Application	
Wisconsin Knife Works, 2505 Kennedy Dr., Beloit, WI 53511 (608) 363-7888 or (800) 225-5959 www.wkwinc.com					
1, 2	HSS Router Bits Carbide-tipped & Solid carbide	1/4" Shk - 3/4" shk, Standard and custom Variety of styles	Natural woods, laminate, plastics, solid surface, non-ferrous and composites	Portable and stationary routers, NC/CNC routers	Industrial quality and applications, standard parts or custom engineered.
Cutterheads fingerjointer	Moulder, tenoner, shaper, engineered	Standard and custom	Solid Wood, MDF, LVL shaping	Moulding, planing, fingerjointing, mechanical,	Custom mfg, hydro and straight, Quick Loc
Knives 7, 8, 10, 11	Bak Pak carbide system Fingerjoint cutters Milled to Pattern OPT1, M-2, AKM, D-2	Stock and custom, HSS, Carbide	Natural woods, MDF, LVL, etc.	Moulding, planing, fingerjointing, OPT1™, Premium Grade shaping, special applications	Standard HSS, Carbide Bak Pak 2™, AKM™ Economy Grade, Milled to Pattern, Badger Coated
Wood Tech Enterprises Inc., P.O. Box 2226, Fairview, NC 28730 (828) 628-4414 or (800) 866-5464 www.woodtechtooling.com					
1		Any size available	Solid wood, plywood, man-made materials, plastics	Portable & stationary routers, CNC routers	Industrial-quality standard and custom tooling
3		Any size available	Solid wood, plywood, man-made materials, plastics	All mfrs. standard knives and custom profiles	Planing, plunging, profiling, custom profiles, grooving
8	HSS, AKM and OptiKnife BAK-PAK Carbide	1/4" - 3/8" thick 1-1/4" - 3-1/2" wide 25" standard bar length	Solid wood	Planing and profiling	For use in corrugated moulder heads. 60° and 90° configurations
8	Carbide-tipped	5/16" - 3/8" thick 1-1/2" - 3" wide	Solid wood or MDF	Planing and profiling	For use in all corrugated moulder heads
	Corrugated Back Moulder Heads/Hydro-Lock/Straight Bore/Self-Centering Sleeves	Variable sizes		For holding corrugated knives	For use on moulders and shapers
11		Any size available	Solid wood or MDF	Planing and profiling applications	
5		Stock and custom		Planing and profiling applications	For use with shapers and moulders
10		Any size available	Solid wood	Planers, jointers, shapers, mill-to-pattern	
12		Any size available	Solid wood, plywood, man-made materials, plastics	Crosscut, ripping, panel saws, all applications	Standard & custom blades for most any application or machine
Woodworkers' Tool Works, P.O. Box 217, Black River Falls, WI 54615 (800) 475-9991 www.woodworkerstoolworks.com					
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14					Custom and standard tooling made to specifications -- all standard on hand

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