

Your best resource for knife blades, router bits and consumables for your i-cut® enabled digital cutting machine.



MATERIAL REFERENCE KEY

SELECT YOUR MATERIALS:

i-CUT DIGITAL CUTTING SYSTEMS
GraphicsRouter™

Material:	Thickness: inch: mm:	Cutting Method:	Knives & Bits:	Material:	Thickness: inch: mm:	Cutting Method:	Knives & Bits:	Material:	Thickness: inch: mm:	Cutting Method:	Knives & Bits:		
ACRYLIC, PLEXIGLAS cast or extruded - in clear or colored version	0.080" 2.0mm	Routing	i-5854	GATORFOAM polystyrene foam bonded between two layers of Luxcell wood-fiber veneer	0.188" 4.8mm	Routing	i-3874	PROPYLENE	0.040" 1.02mm	Routing	i-3862		
	0.125" 3.2mm	Routing	i-5854		0.375" 9.5mm	Routing	i-3880		0.060" 1.53mm	Routing	i-3862		
	0.250" 6.4mm	Routing	i-5854		0.500" 12.7mm	Routing	i-3880		0.010" 0.25mm	Routing	i-3924		
	0.500" 12.7mm	Routing	i-5854		0.750" 19.1mm	Routing	i-3888		0.020" 0.51mm	Routing	i-3924		
	0.750" 19.1mm	Routing	i-3888		1.000" 25.4mm	Routing	i-3889		0.118" 3.0mm	Routing	i-3862		
	1.000" 25.4mm	Routing	i-3889		1.250" 31.8mm	Routing	i-3892		0.157" 4.0mm	Routing	i-3862		
	1.250" 31.8mm	Routing	i-3842		1.500" 38mm	Routing	i-3892		0.197" 5.0mm	Routing	i-3874		
	1.500" 38mm	Routing	i-3842						0.236" 6.0mm	Routing	i-3880		
ALUMICORE, ALUMIFACE plastic corrugated core and thin aluminum facing	0.080" 2.0mm	Routing	i-3874	GATORPLAST, ULTRABOARD, KAPPA polystyrene facing w/ foam center	0.188" 4.8mm	Routing	i-6432	STEEL thin solid sheet metal	0.010" 0.25mm	Routing	i-3924		
	0.125" 3.2mm	Routing	i-3880		0.500" 12.7mm	Routing	i-6432		0.020" 0.51mm	Routing	i-3924		
	0.250" 6.4mm	Routing	i-3888		0.750" 19.1mm	Routing	i-6432		0.040" 1.02mm	Routing	i-3854		
	0.500" 12.7mm	Routing	i-3888		1.000" 25.4mm	Routing	i-6432		0.080" 2.03mm	Routing	i-3862		
ALUMINUM thin soft sign aluminum	0.025" 0.70mm	Routing	i-3916	LENTICULAR clear acrylic with 2-way visible lens surface	0.080" 2.04mm	Routing	i-3862		WOOD, HARD solid hard wood, ash, beech, birch, cherry, mahogany, maple, oak, teak, walnut	0.125" 3.2mm	Routing	i-5210	
	0.040" 1.00mm	Routing	i-3916		0.125" 3.18mm	Routing	i-3874			0.250" 6.4mm	Routing	i-5212	
	0.060" 1.50mm	Routing	i-3924		0.250" 6.35mm	Routing	i-3880			0.500" 12.7mm	Routing	i-5212	
	0.080" 2.00mm	Routing	i-3930		0.060" 1.52mm	Routing	i-3862			0.750" 19.1mm	Routing	i-5212	
BRASS thin soft sheet brass	0.010" 0.25mm	Routing	i-3916	LEXAN, POLYCARBONATE in clear and colored	0.100" 2.54mm	Routing	i-3862			WOOD, SOFT solid soft wood, cedar, pine, redwood	1.000" 25.4mm	Routing	i-5212
	0.020" 0.51mm	Routing	i-3916		0.188" 4.76mm	Routing	i-3862				1.250" 31.8mm	Routing	i-5212
	0.030" 0.76mm	Routing	i-3916		PARTICLE BOARD solid particle board	0.125" 3.2mm	Routing				i-5710	1.380" 35mm	Routing
COPPER thin solid sheet copper	0.010" 0.25mm	Routing	i-3916	0.250" 6.4mm		Routing	i-5710				ZINC thin solid sheet zinc	0.010" 0.25mm	Routing
	0.020" 0.51mm	Routing	i-3916	0.375" 9.53mm		Routing	i-5712	0.020" 0.51mm				Routing	i-3916
	0.030" 0.76mm	Routing	i-3916	0.500" 12.7mm	Routing	i-5712	0.040" 1.02mm	Routing				i-3916	
COROPLAST, PLASTIC CORRUGATE plastic/styrene corrugate	0.125" 3.2mm	Routing	i-2626	0.750" 19.1mm	Routing	i-5712	PLYWOOD	0.125" 3.2mm				Routing	i-5710
	0.250" 6.4mm	Routing	i-2626	1.000" 25.4mm	Routing	i-5712		0.500" 12.7mm				Routing	i-5712
	0.500" 12.7mm	Routing	i-2626	0.750" 19.1mm	Routing	i-5712		0.750" 19.1mm	Routing			i-5712	
COUNTER TOP LAMINATE	0.050" 1.27mm	Routing	i-3916	1.000" 25.4mm	Routing	i-5712	POLYCARBONATE	0.040" 1.02mm	Routing			i-3862	
	0.075" 1.91mm	Routing	i-3916	1.250" 31.8mm	Routing	i-5712		0.080" 2.04mm	Routing			i-3862	
	0.079" 2.00mm	Routing	i-3862	1.380" 35mm	Routing	i-2418		0.120" 3.05mm	Routing			i-3874	
DIBOND, ALUCOBOND polyethylene core with thin aluminum face	0.118" 3.00mm	Routing	i-3862	0.160" 4.06mm	Routing	i-3880							
	0.157" 4.00mm	Routing	i-3874										
	0.236" 6.00mm	Routing	i-3880										
ENGRAVING BOARD	0.125" 3.18mm	Routing	i-3862										
	0.188" 4.76mm	Routing	i-3862										
	0.250" 6.35mm	Routing	i-3974										

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The Material Reference Key above is a list of popular materials possible to process with the systems. Cutting methods, knife blades, and router bits are recommendations only and vary for most materials according to material thickness and print/top laminates. Above recommendations are for direct-printed non-laminated materials. Laminate materials may require down cut bits. Bits designated with an XL have been developed for high speed operation.

F.O.B. Lake Geneva, Wisconsin, USA. Excludes Tax.

PRICE LIST

Subject to change without prior notice. All prices in US Dollars. Mar. 2007

SELECT / ROUTER BITS / ACCESSORIES:

Soft/Hard Wood i-cut Bits™					Soft Metal i-cut Bits™					Soft/Hard Plastic i-cut Bits™					Soft/Hard Plastic i-cut Bits™				
Router Bit:	Part no.	Cutting Method:	Tool Head:	Price pcs.	Router Bit:	Part no.	Cutting Method:	Tool Head:	Price pcs.	Router Bit:	Part no.	Cutting Method:	Tool Head:	Price pcs.	Router Bit:	Part no.	Cutting Method:	Tool Head:	Price pcs.
i-5710	957-410	Routing	Router	\$19.00	i-2916	962-916	Routing	Router	\$41.00	i-2874	962-874	Routing	Router	\$27.00	i-6673	966-073	Routing	Router	\$41.00
<i>Soft, hard composite wood w/top print/laminate e.g. 6mm shank, 4mm cut dia., double flute, 0.60716mm cut length, down cut</i>					<i>Aluminum, hard laminate w/top print/laminate e.g. 6mm shank, 3mm cut dia., single flute, 0.45712mm cut length, down cut</i>					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/top print/laminate e.g. 6mm shank, 4mm cut dia., single flute, 0.75720mm cut length, down cut</i>					<i>Acrylic, Polycarbonate, Sintra e.g. edge-rounding (1/8"3mm thick) 6mm shank, 6mm cut dia., double flute, 0.40710mm cut length, 0.1273mm rounding radius</i>				
i-5210	952-410	Routing	Router	\$19.00	i-3916	963-916	Routing	Router	\$41.00	i-3874	963-874	Routing	Router	\$27.00	i-6674	966-074	Routing	Router	\$41.00
<i>Soft, hard composite wood w/back print/laminate or blank e.g. 6mm shank, 4mm cut dia., double flute, 0.60716mm cut length, up cut</i>					<i>Aluminum, hard laminate w/back print/laminate or blank e.g. 6mm shank, 3mm cut dia., single flute, 0.45712mm cut length, up cut</i>					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/back print/lam. or blank e.g. 6mm shank, 4mm cut dia., single flute, 0.75720mm cut length, up cut</i>					<i>Acrylic, Polycarbonate, Sintra e.g. edge-rounding (5/32"4mm thick) 6mm shank, 6mm cut dia., double flute, 0.40710mm cut length, 0.1674mm rounding radius</i>				
i-5712	957-412	Routing	Router	\$19.00	i-2924	962-924	Routing	Router	\$41.00	i-2880	961-869	Routing	Router	\$27.00	i-6675	966-075	Routing	Router	\$41.00
<i>Soft, hard composite wood w/top print/laminate e.g. 6mm shank, 6mm cut dia., double flute, 1.00725mm cut length, down cut</i>					<i>Aluminum, hard laminate w/top print/laminate e.g. 6mm shank, 4mm cut dia., single flute, 0.75720mm cut length, down cut</i>					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/top print/laminate e.g. 6mm shank, 5mm cut dia., single flute, 0.60716mm cut length, down cut</i>					<i>Acrylic, Polycarbonate, Sintra e.g. edge-rounding (3/16"6mm thick) 6mm shank, 6mm cut dia., double flute, 0.40710mm cut length, 0.2075mm rounding radius</i>				
i-5212	952-412	Routing	Router	\$19.00	i-3924	963-924	Routing	Router	\$41.00	i-3880	961-870	Routing	Router	\$27.00	i-6676	966-076	Routing	Router	\$41.00
<i>Soft, hard composite wood w/back print/laminate or blank e.g. 6mm shank, 6mm cut dia., double flute, 1.00725mm cut length, up cut</i>					<i>Aluminum, hard laminate w/back print/laminate or blank e.g. 6mm shank, 4mm cut dia., single flute, 0.75720mm cut length, up cut</i>					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/back print/lam. or blank e.g. 6mm shank, 5mm cut dia., single flute, 0.60716mm cut length, up cut</i>					<i>Acrylic, Polycarbonate, Sintra e.g. edge-rounding (1/4"7.5mm thick) 6mm shank, 6mm cut dia., double flute, 0.40710mm cut length, 0.2576mm rounding radius</i>				
Soft Plastic i-cut Bits™					Soft/Hard Plastic i-cut Bits™					12mm i-cut Bits™									
Router Bit:	Part no.	Cutting Method:	Tool Head:	Price pcs.	Router Bit:	Part no.	Cutting Method:	Tool Head:	Price pcs.	Router Bit:	Part no.	Accessories	Collet Size:	Price pcs.					
i-9152	960-152	Routing	Router	\$51.00	i-3930	961-868	Routing	Router	\$41.00	i-3888	963-888	Routing	Router	\$30.00	i-5718	952-418	Routing	12mm	\$93.00
<i>Sintra, Styrene w/2-sided print/laminate or blank e.g. 6mm shank, 6mm cut dia., single flute, 0.85722mm cut length, compression cut</i>					<i>Aluminum, hard laminate w/top print/laminate e.g. 6mm shank, 5mm cut dia., single flute, 0.60716mm cut length, down cut</i>					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/top print/laminate e.g. 6mm shank, 6mm cut dia., single flute, 0.75720mm cut length, down cut</i>					<i>Soft, hard composite wood w/top print/laminate e.g. 12mm shank, 12mm cut dia., double flute, 1.38735mm cut length, up cut</i>				
i-6432	956-432	Routing	Router	\$27.00	i-2854	962-854	Routing	Router	\$27.00	i-2889	961-871	Routing	Router	\$30.00	i-5618	952-644	Routing	12mm	\$93.00
<i>Gatorplast, Ultraboard, Kappa w/direct print or blank e.g. 6mm shank, 6mm cut dia., double flute, 1.00725mm cut length, straight cut</i>					<i>Aluminum, hard laminate w/back print/laminate or blank e.g. 6mm shank, 5mm cut dia., single flute, 0.30718mm cut length, up cut</i>					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/top print/laminate e.g. 6mm shank, 6mm cut dia., single flute, 1.15730mm cut length, down cut</i>					<i>Soft, hard composite wood w/back print/laminate e.g. 12mm shank, 12mm cut dia., double flute, 1.38735mm cut length, down cut</i>				
i-2624	952-624	Routing	Router	\$48.00	i-3842	963-842	Routing	Router	\$27.00	i-3889	961-872	Routing	Router	\$30.00	i-5645	957-645	Routing	12mm	\$82.00
<i>Coroplast w/2-sided direct print e.g. 6mm shank, 4mm cut dia., double flute, 0.63716mm cut length, up cut</i>					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/top print/laminate e.g. 6mm shank, 6mm cut dia., single flute, 1.50738mm cut length, up cut</i>					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/back print/lam. or blank e.g. 6mm shank, 6mm cut dia., single flute, 1.15730mm cut length, up cut</i>					<i>Sintra, Styrene, Acrylic, Dibond, w/top print / laminate 12mm shank, 12mm cut dia., double flute, 1.38735mm cut length, down cut</i>				
i-2626	952-626	Routing	Router	\$49.00	i-2854	962-854	Routing	Router	\$27.00	i-3892	961-872	Routing	Router	\$30.00	i-5746	952-746	Routing	12mm	\$105.00
<i>Coroplast w/2-sided direct print e.g. 6mm shank, 6mm cut dia., double flute, 1.00725mm cut length, up cut</i>					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/top print/laminate e.g. 6mm shank, 2mm cut dia., single flute, 0.30718mm cut length, down cut</i>					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/back print/lam. or blank e.g. 6mm shank, 6mm cut dia., single flute, 1.50738mm cut length, up cut</i>					<i>Sintra, Styrene, Acrylic, Dibond, w/top print / laminate 12mm shank, 12mm cut dia., double flute, 2.16755mm cut length, up cut</i>				
i-9132	961-873	Routing	Router	\$54.00	i-3854	963-854	Routing	Router	\$27.00	i-5854	958-854	Routing	Router	\$32.00	i-5744	952-744	Routing	12mm	\$98.00
<i>Acrylic, Polycarbonate, Sintra w/2-s. print/laminate e.g. 6mm shank, 6mm cut dia., single flute, 1.00725mm cut length, compression cut</i>					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/back print/lam. or blank e.g. 6mm shank, 2mm cut dia., single flute, 0.30718mm cut length, up cut</i>					<i>Acrylic w/top print e.g. 6mm shank, 6mm cut dia., single flute, 0.50713mm cut length, up cut</i>					<i>Sintra, Styrene, Acrylic, Dibond, w/top print / laminate 12mm shank, 12mm cut dia., double flute, 1.77745mm cut length, up cut</i>				
Engraving/V-Grooving i-cut Bits™					i-2862					i-5245					Accessories				
Router Bit:	Part no.	Cutting Method:	Tool Head:	Price pcs.	962-862 Routing Router \$27.00					952-245 Routing Router \$34.00					Accs. Part Accessories Price Type: no. Type: pcs.				
<i>6mm shank, 12mm cut dia., double flute, 0.3579mm cut length, 90° angle V-grooving</i>					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/top print/laminate e.g. 6mm shank, 3mm cut dia., single flute, 0.30718mm cut length, down cut</i>					<i>Acrylic, Polycarbonate, Dibond Sintra: ball nose routing e.g. 6mm shank, 3mm cut dia., double flute, 0.50713mm cut length, up cut</i>					<i>Used to resurface MDF table tops</i>				
i-6630	956-630	Routing	Router	\$36.00	i-3862					i-5285					Starter Kit \$375.00				
<i>Acrylic, hard plastic letter engraving, etc. 6mm shank, 4mm engraving depth, 50° angle engraving</i>					963-862 Routing Router \$27.00					952-285 Routing Router \$34.00					(1) i-5817 (2) i-3880 (2) i-3888 (2) i-3888				
<i>Acrylic, hard plastic letter engraving, etc. 6mm shank, 4mm engraving depth, 60° angle engraving</i>					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/top print/laminate e.g. 6mm shank, 3mm cut dia., single flute, 0.45712mm cut length, down cut</i>					<i>Acrylic, Polycarbonate, Dibond Sintra: bottom surfacing e.g. 6mm shank, 3mm cut dia., double flute, 0.2576mm cut length, 0.04" corner radius, up cut</i>					(1) i-3874 (1) i-2880 (1) i-2888 (1) i-2888				
					i-3866					i-6358					i-4306				
					963-866 Routing Router \$27.00					966-358 Routing Router \$69.00					934-355 6mm collet \$34.00				
					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/top print/laminate e.g. 6mm shank, 3mm cut dia., single flute, 0.45712mm cut length, down cut</i>					<i>Acrylic, Polycarbonate, Dibond Sintra: bottom surfacing e.g. 6mm shank, 6mm cut dia., double flute, 0.40710mm cut length, 0.05" corner radius, up cut</i>					<i>Collet for all 6mm router bits</i>				
					<i>Sintra, Styrene, Acrylic, Polycarbonate, Dibond w/back print/lam. or blank e.g. 6mm shank, 3mm cut dia., single flute, 0.45712mm cut length, up cut</i>										i-4312 934-361 12mm collet \$37.00				
															<i>Collet for all 12mm router bits</i>				



TO ORDER - Web: www.icuttools.com
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