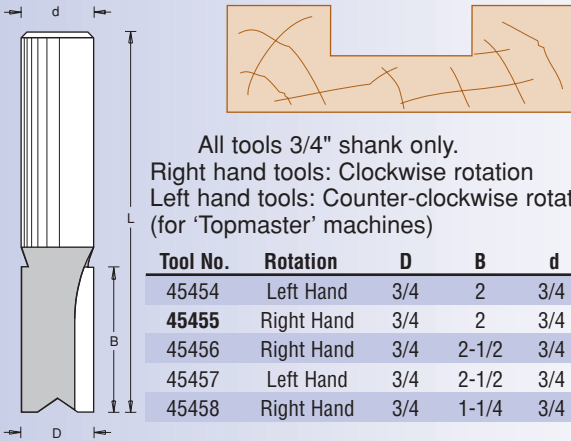


INDUSTRIAL/CNC/INSERT TOOLING



CNC ROUTER BITS

CNC 3/4" DIAMETER HIGH PRODUCTION STRAIGHT PLUNGE CUTTING 2 FLUTE • 3/4" SHANK

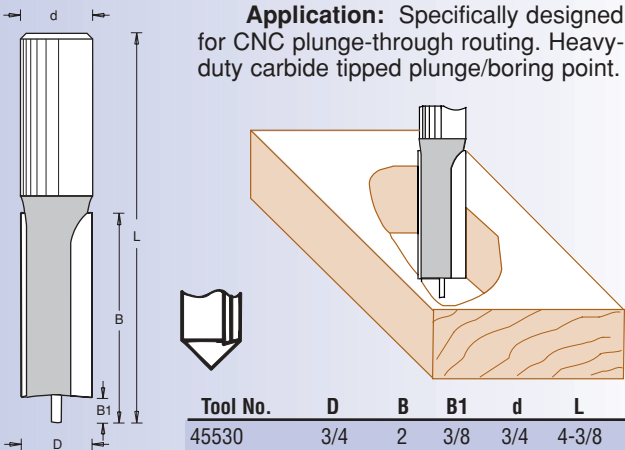


All tools 3/4" shank only.
Right hand tools: Clockwise rotation
Left hand tools: Counter-clockwise rotation
(for 'Topmaster' machines)

Tool No.	Rotation	D	B	d	L
45454	Left Hand	3/4	2	3/4	5
45455	Right Hand	3/4	2	3/4	4
45456	Right Hand	3/4	2-1/2	3/4	4-1/2
45457	Left Hand	3/4	2-1/2	3/4	5
45458	Right Hand	3/4	1-1/4	3/4	3-1/4

NOTE: Chipbreaker option (special order): Designed to cut chipboard and MDF at high automatic feed-rates found on CNC machines. Each flute is ground so that the chip breakers are staggered to each other, giving a straight cut. To order, add 'CB' suffix (ie: #45454-CB). Allow 2 weeks for delivery.

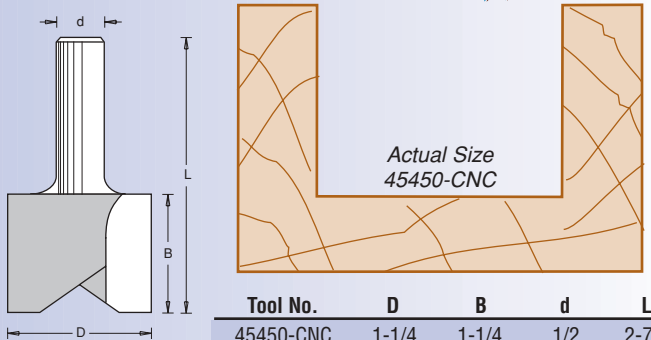
CNC PLUNGE 2 FLUTE • 3/4" SHANK WITH PLUNGE/BORING POINT



Application: Specifically designed for CNC plunge-through routing. Heavy-duty carbide tipped plunge/boring point.

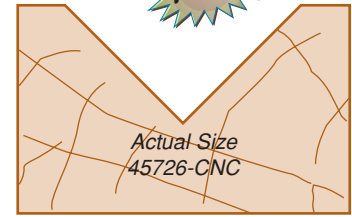
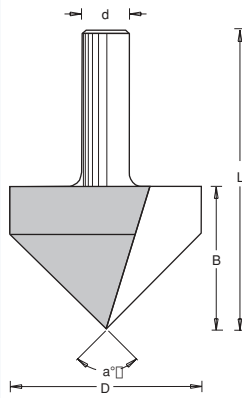
Tool No.	D	B	B1	d	L
45530	3/4	2	3/8	3/4	4-3/8

CNC PLUNGE 2 FLUTE



Tool No.	D	B	d	L
45450-CNC	1-1/4	1-1/4	1/2	2-7/8
45452-CNC	1-1/2	1-1/4	1/2	2-7/8
45453-CNC	1-3/4	1-1/4	1/2	2-7/8
45480-CNC	2	1-1/4	1/2	2-7/8

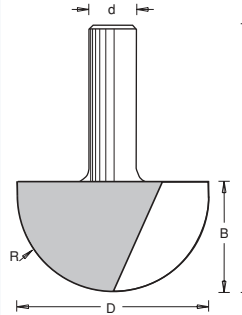
CNC 'V' GROOVE 2 FLUTE



Tool No.	D	a°	B	d	L
†45726-CNC	1-1/4	90°	3/4	1/2	2-1/2
†45728-CNC	1-1/2	90°	1	1/2	2-3/4
†45732-CNC	2	90°	1-3/4	1/2	3-1/4

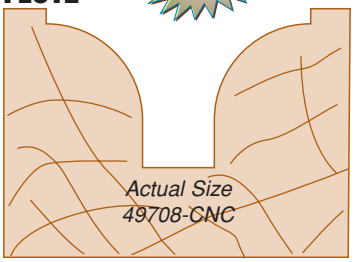
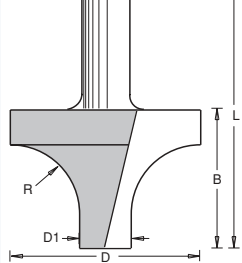
***NOTE:** 90° 'V' Groove bit is for decorative purposes and is not intended for 'miter-folding', etc.

CNC CORE BOX 2 FLUTE



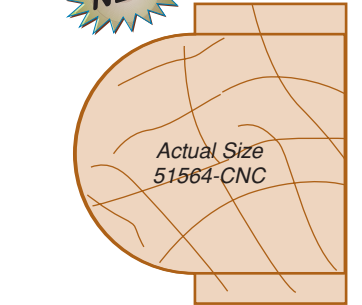
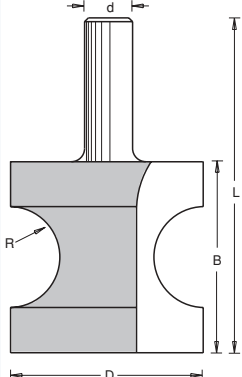
Tool No.	D	B	R	d	L
†45944-CNC	1-1/4	1-1/4	5/8	1/2	2-3/4
†45946-CNC	1-1/2	1-1/2	3/4	1/2	2-3/4
†45948-CNC	2	2	1	1/2	2-3/4

CNC PLUNGE ROUND 2 FLUTE



Tool No.	D	D1	B	R	d	L
†49706-CNC	1-3/8	.363	1	1/2	1/2	2-1/2
†49708-CNC	1-3/4	1/2	1-1/4	5/8	1/2	2-3/4
†49710-CNC	2	1/2	1-7/16	3/4	1/2	2-15/16

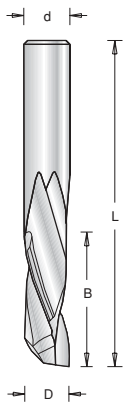
CNC BULLNOSE 2 FLUTE



Tool No.	D	B	R	d	L
†51564-CNC	2	2	5/8	1/2	3-1/2
†51566-CNC	2-3/8	2	3/4	1/2	3-1/2

†Warning: These tools have an open flute design (not anti-kickback) and are intended for high feed-rate machine use only. Do not use in portable routers.

COMPRESSION SPIRAL SOLID CARBIDE SINGLE FLUTE

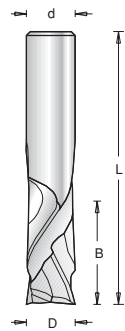


Solid carbide compression spiral bits are designed for CNC applications requiring high feed rates and a clean finish. Particularly suitable for double-sided melamine or laminated material. Choose either single flute for the highest possible feed rate or double flute for the best finish.

Tool No.	D	B	d	L
46140	1/4	7/8	1/4	2-1/2
46142	3/8	7/8	3/8	3
46144	3/8	1	1/2	3
46148	3/8	1-1/8	1/2	3
46150	1/2	7/8	1/2	3
46152	1/2	1	1/2	3
46156	1/2	1-1/8	1/2	3
46159	1/2	1-1/4	1/2	3
46160	1/2	1-5/8	1/2	3-1/2
46164	5/8	2	5/8	4
46168	3/4	2	3/4	4

NEW

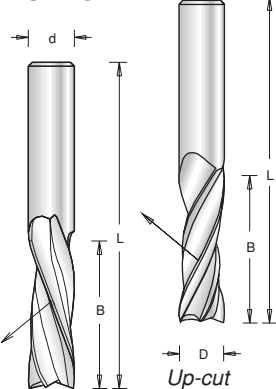
COMPRESSION SPIRAL SOLID CARBIDE 2 FLUTE



Same application as the single flute compression spirals, but with a higher quality finish and slower feed rate.

Tool No.	D	B	d	L
46170	1/4	7/8	1/4	2-1/2
46174	3/8	1	1/2	3
46178	3/8	1-1/8	1/2	3
46182	1/2	1	1/2	3
46186	1/2	1-1/8	1/2	3
46188	1/2	1-1/4	1/2	3
46190	1/2	1-5/8	1/2	3-1/2
46194	5/8	2	5/8	4
46198	3/4	2	3/4	4

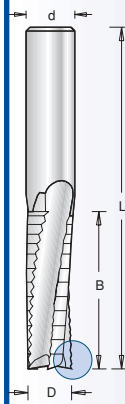
SPIRAL FLUTE PLUNGE SOLID CARBIDE 3 FLUTE



New 3 flute design for very high quality finish. Up-cut or down-cut spiral.

'Up-cut' Tool No.	'Down-cut' Tool No.	D	B	d	L
46114	46214	3/8	1-1/4	1/2	3
46116	46216	1/2	1-1/2	1/2	3-1/2
46118	46218	1/2	2	1/2	4
46120	46220	5/8	2	5/8	4
46122	46222	3/4	2-1/8	3/4	4

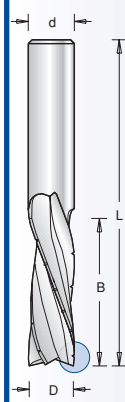
SPIRAL ROUGHING SOLID CARBIDE 3 FLUTE CHIPBREAKER



Specially designed for high RPM/feed rate CNC routers. Unique chipbreaker design is available with up-cut or down-cut. Will leave a wavy, striated finish.

'Up-cut' Tool No.	'Down-cut' Tool No.	D	B	d	L
46124	46224	1/2	1-5/8	1/2	3-1/2
46126	46226	1/2	2	1/2	4
46128	46228	5/8	2-1/8	5/8	4
46130	46230	3/4	2-1/4	3/4	4

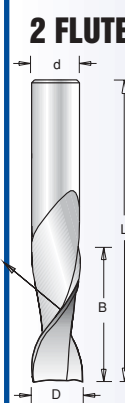
FINISHING SPIRAL SOLID CARBIDE 3 FLUTE CHIPBREAKER



Similar to the 3 flute 'Roughing' series, these tools provide a higher quality finish.

'Up-cut' Tool No.	'Down-cut' Tool No.	D	B	d	L
46132	46232	1/2	1-1/8	1/2	3
46134	46234	1/2	1-5/8	1/2	3-1/2
46136	46236	5/8	2-1/8	5/8	4
46138	46238	3/4	2-1/4	3/4	4

SPIRAL FLUTE PLUNGE SOLID CARBIDE 2 FLUTE



Spiral bits produce faster, cleaner cuts in hardwoods, plastics, Corian® and other brands of solid surface materials, etc. 'Up-cut' design expels chips away from the workpiece, allowing for deeper and easier mortising. 'Down-cut' design expels chips away from the router. Premium micro-grain carbide, increased clearance geometry and razor-sharp cutting edges with polished flutes provides a superior finish and longer tool life.

'Up-cut' Tool No.	'Down-cut' Tool No.	D	B	d	L
46100	46200	1/8	1/2	1/4	2
46310	46410	5/32	5/8	1/4	2-1/2
46101	46201	3/16	3/4	1/4	2
46314	46414	7/32	1	1/4	2-1/2
46102	46202	1/4	3/4	1/4	2-1/2
46316	46416	1/4	1-1/8	1/4	3
46317	46417	9/32	1	5/16	2-1/2
46318	46418	5/16	1-1/8	1/2	3
46319	46419	5/16	1-1/8	5/16	3
46103	46203	3/8	1	3/8	2-1/2
46320	46420	3/8	1-1/4	3/8	3
46104	46204	3/8	1-1/4	1/2	3
46105	46205	7/16	1-1/4	1/2	3
46106	46206	1/2	1-1/4	1/2	3
46107	46207	1/2	1-5/8	1/2	3-1/2
46108	46208	5/8	1-5/8	5/8	3-1/2
46109	46209	3/4	1-5/8	3/4	4

Products shown in **Bold** indicate most popular items.

Corian® is a registered trademark of the Dupont Co.

INDUSTRIAL/CNC/INSERT TOOLING

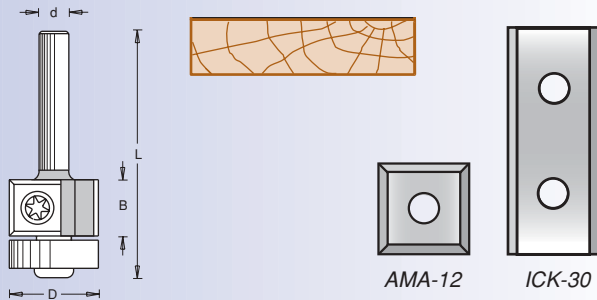
INSERT ROUTER BITS

CARBIDE INSERT TOOLING WITH SERVICE-FREE REPLACEABLE CARBIDE NEVER NEEDS SHARPENING

Quality tools available for those who consider long-term cost efficiency. This type of tooling never requires sharpening and, therefore, tool diameter remains constant for extreme accuracy and repeatability. Fully-sharpened multiple cutting edges, which are rotated to expose new edges, are replaced when they become dull or chipped. This method proves very economical for both high production and routine applications. Insert carbide is substantially harder than brazed carbide thereby lasting much longer.

- * Strict tolerances
- * Never needs sharpening
- * Less downtime
- * High-volume economy
- * Recognized Amana Tool® quality
- * Knife seats directly into tool body
- * Highest quality micrograin carbide inserts available in several different grades

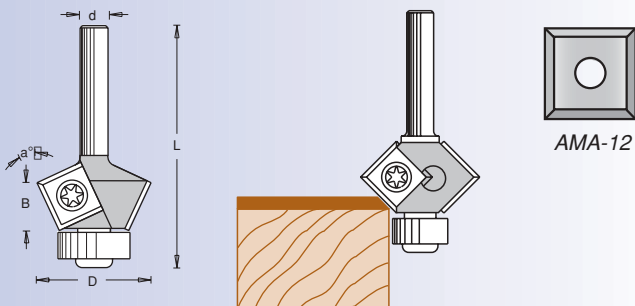
INSERT FLUSH TRIM 2 FLUTE WITH BALL BEARING GUIDE



Tool No.	D	B	d	L	Repl. Knives (min. order 10 ea.)
RC-1000	3/4	15/32	1/4	2-1/8	AMA-12
RC-1002	3/4	1-1/8	1/4	2-3/4	ICK-30
RC-1004	3/4	1-1/8	1/2	3-1/4	ICK-30

NOTE: #RC-1000 has four cutting edges per knife. #RC-1002 & #RC-1004 have two cutting edges per knife. #5005 Torx® key included. Replacement bearing #47711. Replacement screws #67115.

INSERT BEVEL TRIM 2 FLUTE WITH BALL BEARING GUIDE



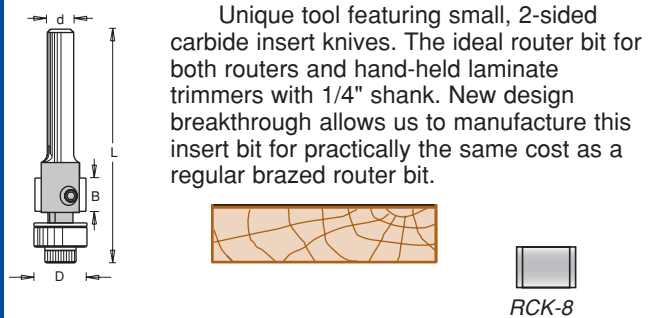
Tool No.	a°	D	B	d	L	Repl. Knives (min. order 10 ea.)
RC-1008	15°	13/16	7/16	1/4	2-1/4	AMA-12
RC-1010	25°	31/32	7/16	1/4	2-1/4	AMA-12
RC-1012	30°	1	7/16	1/4	2-1/4	AMA-12
RC-1014	45°	1-1/16	7/16	1/4	2-1/4	AMA-12

NOTE: All bevel trim bits have four cutting edges per knife. #5005 Torx® key included. Replacement bearing for #RC-1014 use #47701. All others use #47712 bearing. Replacement screws #67115.

Products shown in **Bold** indicate most popular items.

ECONOMY INSERT FLUSH TRIM 2 FLUTE

NEW Grades of Carbide Knives available. See pages 87-89.



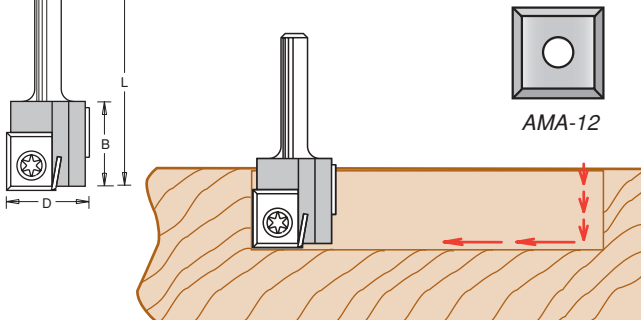
Tool No.	D	B	d	L	Repl. Knives (min. order 10 ea.)
RC-2000	1/2	8mm(5/16)	1/4	2-1/4	*RCK-8

Replacement bearing #47706. Replacement knife hex key #5011. Replacement knife screws #67016. Replacement bearing screw #67018. Allen key for bearing #5007.

ECONOMY INSERT STAGGERED PLUNGE 2 FLUTE

NEW

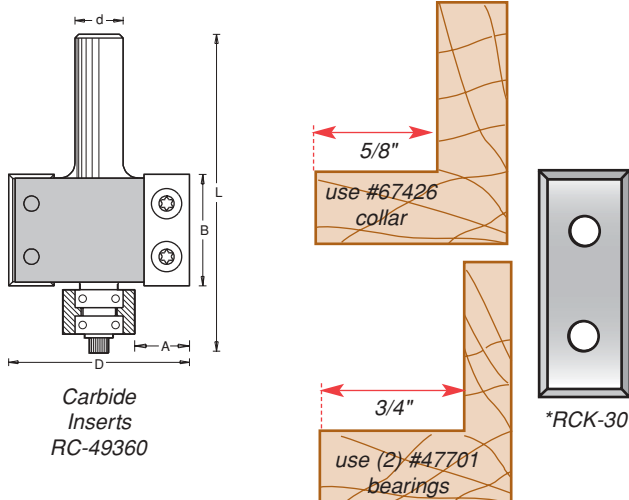
Staggered insert knives along with a fixed plunge knife (see diagram), utilizes 4-sided carbide inserts. Economically priced.



Tool No.	D	B	d	L	Repl. Knives (min. order 10 ea.)
RC-1024	3/4	3/4	1/4	2	AMA-12
RC-1026	7/8	3/4	1/4	2	AMA-12

Replacement screws #67115. #5005 Torx® key included.

INSERT SUPERABBET™ 2 FLUTE WITH BALL BEARING GUIDES



Ingenious rabbeting bit that will enable rabbet cuts from flush through 3/4" in 1/16" increments, and five undersized plywood sizes, using optional collars. Particularly useful when working with large stock, or when a precise rabbet depth is required (ie. 23/32 depth for plywood). There are 18 different rabbet sizes available between the standard and optional collars. The basic tool (#RC-49360) is supplied with a 2" diameter rabbet bit, hex key, instructions and all necessary parts for 5/8" and 3/4" depth rabbets. Patent applied for.

Repl. Knives

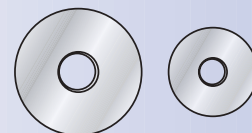
Tool No.	D	A	B	d	L	Min. order
RC-49360	2	5/8&3/4	30MM	1/2	3-3/8	*RCK-30

*Standard general purpose replacement knives = #RCK-30; Knives also available for MDF & solid surface materials - please see page 89 for further information.

Warning: Maximum RPM = 22,000

SUPERABBET ACCESSORIES

18 different depths with 1 tool!



COLLARS & COLLAR KITS

67500 6-piece collar kit for 1/16", 1/8", 1/4", 3/8", 1/2" depth rabbets.

Includes the following:

Product No.	Collar Dia.	'A' Rabbet Depth
67398	2	Flush
67400	1-7/8	1/16
67402	1-3/4	1/8
67408	1-1/2	1/4
67414	1-1/4	3/8
67420	1	1/2

67700 5-piece collar kit for 15/64" (6mm), 23/64" (9mm), 5/32" (12mm), 19/32" (15mm) and 23/32" (18mm) depth rabbets.

Includes the following:

Product No.	Collar Dia.	'A' Rabbet Depth
67406	1-17/32	15/64 (6MM)
67412	1-9/32	23/64 (9MM)
67418	1-1/16	15/32 (12MM)
67424	13/16	9/32 (15MM)
67430	9/16	23/32 (18MM)

67600 5-piece collar kit for 3/16", 5/16", 7/16", 9/16", 11/16" depth rabbets.

Includes the following:

Product No.	Collar Dia.	'A' Rabbet Depth
67404	1-5/8	3/16
67410	1-3/8	5/16
67416	1-1/8	7/16
67422	7/8	9/16
67428	5/8	11/16

67800 21-piece Collar Kit including 16 individual collars shown above, 2 extra #47701 bearings, #67206 spacer, #5000 allen key and #67094 allen screw.

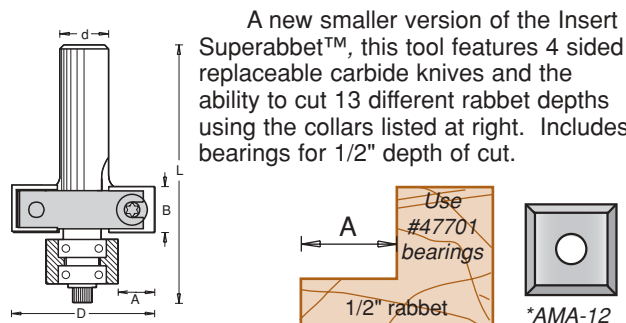
Recommended by:



For SSV® Fabrication

For actual size wood profiles, and other rabbet bits, please see pages 46 & 47.

INSERT SUPERABBET, JR™ 2 FLUTE WITH BALL BEARING GUIDES



A new smaller version of the Insert Superabbet™, this tool features 4 sided replaceable carbide knives and the ability to cut 13 different rabbet depths using the collars listed at right. Includes bearings for 1/2" depth of cut.

Tool No.	D	A	B	d	L
RC-49355	1-1/2	*Flush to 1/2"	12MM(.472)	1/2	3

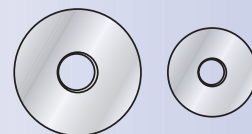
*Using optional collars. Standard depth=1/2"

Warning: Maximum RPM = 22,000

*Standard general purpose replacement knives = #AMA-12; Knives also available for MDF & solid surface materials - please see page 87 for further information.

SUPERABBET, JR™ ACCESSORIES

13 different depths with 1 tool!



COLLARS & COLLAR KITS

#67350 5-piece collar kit for Flush, 1/16", 1/8", 1/4" and 3/8" depth rabbets.

Individual Collars:

Product No.	Collar Dia.	'A' Rabbet Depth
67408	1-1/2	Flush
67410	1-3/8	1/16
67412	1-9/32	7/64
67414	1-1/4	1/8
67416	1-1/8	3/16
67418	1-1/16	7/32

#67355 17-piece collar kit including all 12 individual collars, two #47701 bearings, #67204 spacer, #5000 allen key and #67094 allen screw.

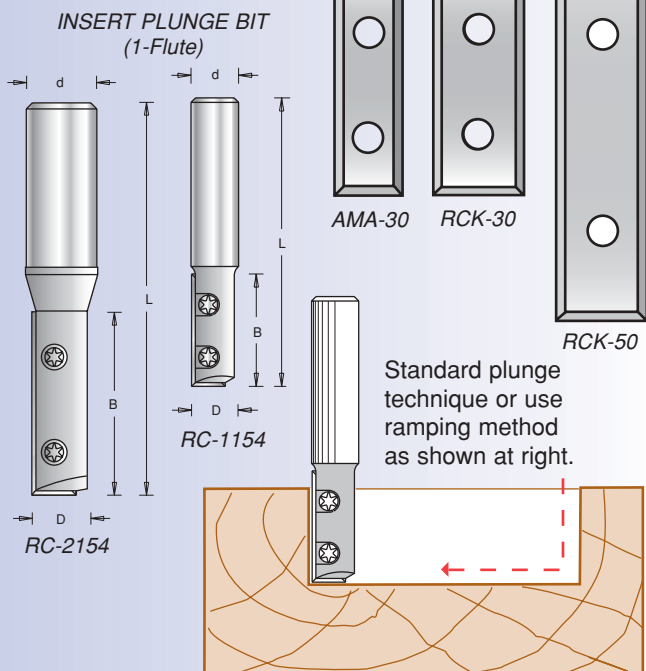
Product No.	Collar Dia.	'A' Rabbet Depth
67420	1	1/4
67422	7/8	5/16
67424	13/16	11/32
67426	3/4	3/8
67428	5/8	7/16
67430	9/16	15/32

For actual size wood profiles, and other rabbet bits, please see pages 46 & 47.

INSERT ROUTER BITS

INSERT PLUNGE

SINGLE FLUTE

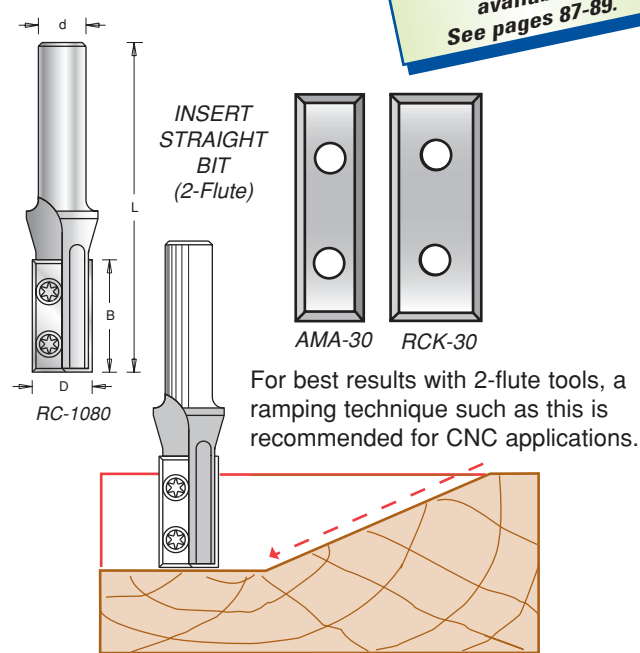


(d) 1/2" Shank Tool No.	CNC (d) 3/4" Shank Tool No.	D	B	L	Repl. Knives (min. order 10 ea.)
RC-1154	RC-2154	1/2	30MM	3-1/4	AMA-30
RC-1156	RC-2156	5/8	30MM	3-3/8	RCK-30
RC-1158	RC-2158	5/8	50MM	4-1/8	RCK-50
RC-1160	RC-2160	3/4	30MM	3-3/8	RCK-30
RC-1162	RC-2162	3/4	50MM	4-1/8	RCK-50
RC-1164	RC-2164	7/8	30MM	3-3/8	RCK-30
RC-1166	RC-2166	7/8	50MM	4-1/8	RCK-50

NOTE: All above plunge bits have two cutting edges per knife. #5005 Torx® key included. Metric sizes from 12MM to 22MM available on special order — please inquire. Replacement screws #67117.

INSERT STRAIGHT NON-PLUNGING / 2 FLUTE

NEW Grades of Carbide Knives available. See pages 87-89.



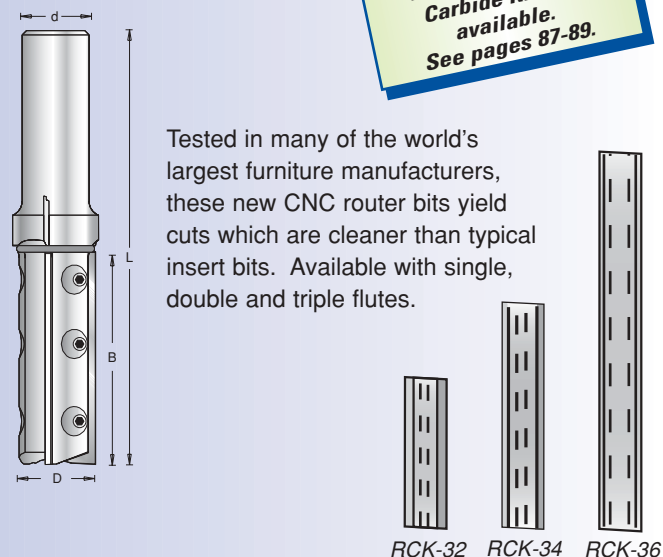
(d) 1/2" Shank Tool No.	CNC (d) 3/4" Shank Tool No.	D	B	L	Repl. Knives (min. order 10 ea.)
RC-1080	RC-2080	5/8	30MM	3-3/8	AMA-30
*RC-1082	*RC-2082	5/8	50MM	4-1/8	AMA-30
RC-1084	RC-2084	3/4	30MM	3-3/8	RCK-30
*RC-1086	*RC-2086	3/4	50MM	4-1/8	RCK-30
RC-1088	RC-2088	7/8	30MM	3-3/8	RCK-30
*RC-1090	*RC-2090	7/8	50MM	4-1/8	RCK-30

NOTE: All above two flute bits have two cutting edges per knife. #5005 Torx® key included. Metric sizes from 14MM to 22MM available on special order — please inquire. Replacement screws #67115.

NOTE: For all tools above marked with an (*) a 50MM cutting edge is achieved using two 30MM staggered knives.

INSERT CNC STRAIGHT

NEW Grades of Carbide Knives available. See pages 87-89.



Value check list:

- ✓ High speed cuts with super clean finish.
- ✓ Channel set, double edge knives.
- ✓ Double sided cutting edge per blade for economy.
- ✓ Insert carbide is much harder than brazed carbide.
- ✓ Minimum amount of down time for blade changes.

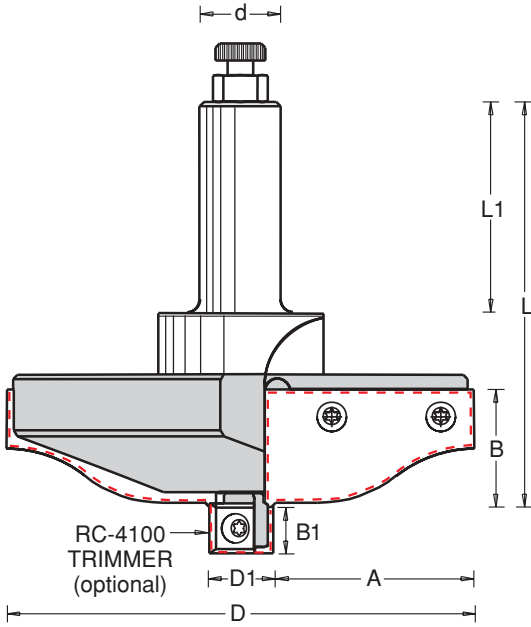
Tool No.	Flutes	D	B	d	L	Repl. Knives (min. order 10 ea.)
RC-3100	1	3/8	20MM	1/2	2-7/8	RCK-32
RC-3110	1	1/2	30MM	1/2	3-1/8	RCK-34
RC-3200	2	1/2	30MM	1/2	3-1/8	RCK-34
RC-3204	2	5/8	30MM	3/4	3-1/4	RCK-34
RC-3208	2	5/8	50MM	3/4	4	RCK-36
RC-3260	2	3/4	30MM	3/4	3-1/4	RCK-34
RC-3264	2	3/4	50MM	3/4	4	RCK-36
RC-3300	3	3/4	30MM	3/4	3-1/4	RCK-34
RC-3304	3	3/4	50MM	3/4	4	RCK-36
RC-3305	3	3/4	30MM	5/8	3-1/4	RCK-34
RC-3307	3	3/4	50MM	5/8	4	RCK-36

Replacement 3 x .5mm set screws for #RC-3100 use #67015 (4mm long); #RC-3110 & #RC-3200 use #67016 (5mm long); all others use #67017 (6mm long). Replacement 1.5MM special hex key #5011.

INFINITY SYSTEM™



Exclusively from Amana - the New Infinity™ is a versatile CNC tooling system for raised panel door making. Features include micrograin replaceable carbide insert knives and eight different profiles that can be used with a single tool body. An optional trim cutter (#RC-4100) with 4-sided knives is also available. Sold without knives (select knives from illustrations below).



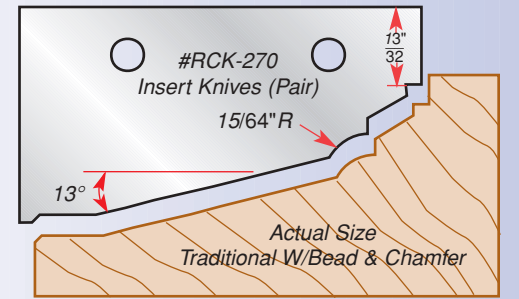
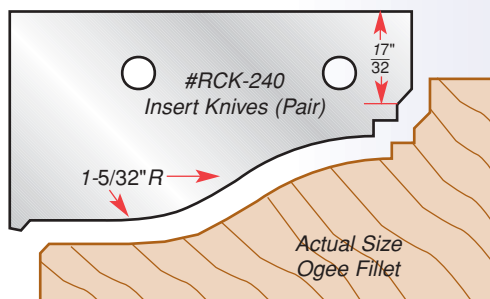
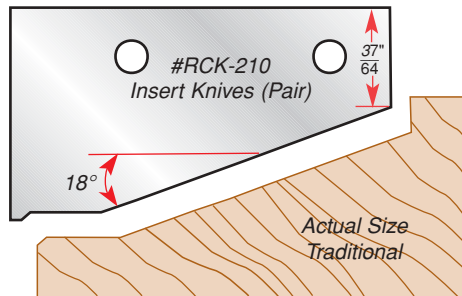
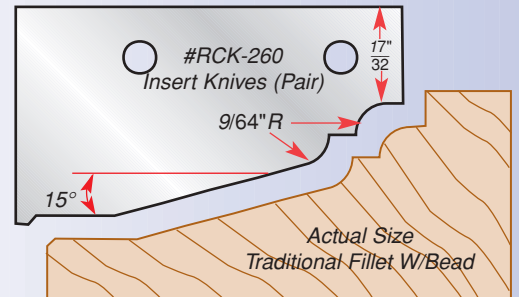
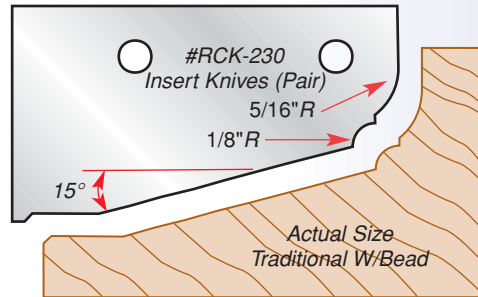
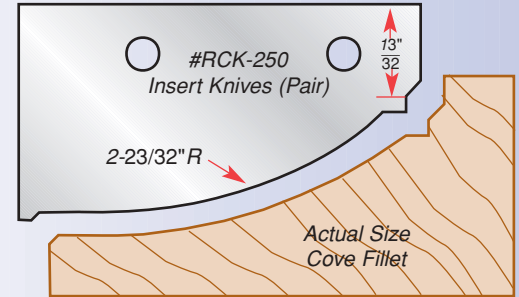
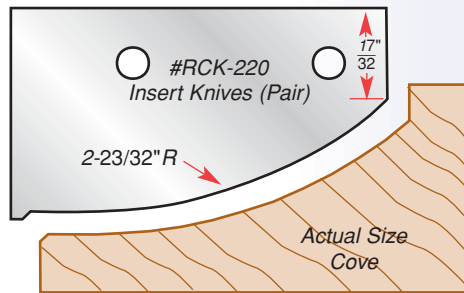
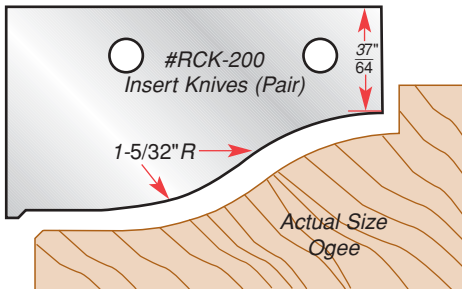
Tool No.	D	D1	A	B	B1	d	L1	L
RC-4000	112MM (4-1/2)	18MM	1-31/32	28MM (1-3/32)	12MM	3/4	2-1/8	3-3/4
RC-4020	112MM (4-1/2)	18MM	1-31/32	28MM (1-3/32)	12MM	20MM	2-1/8	3-3/4
RC-4040	112MM (4-1/2)	18MM	1-31/32	28MM (1-3/32)	12MM	25MM	2-1/8	3-3/4
† RC-4100	-	18MM	-	-	12MM	-	-	-

Replacement Parts:

Order No.	Description	Order No.	Description
67115	Torx® knife screws (4 required)	67163	Plug (in place of trimmer)
67115	Torx® trimmer screws (2 required)	67165	4 x 7MM Allen screw for above
5005	Torx® #T-15 key for above	5001	2MM (5/64) Allen key for above
67158	Hex screw for shank adjustment		
67159	Hex nut for shank adjustment		

†Optional 18MM trim cutter. Standard replacement knives for RC-4100=#AMA-12 (min. order 10 each).

*Additional 12MM trim knives for MDF and solid surface also available - please see page 87 for further information.

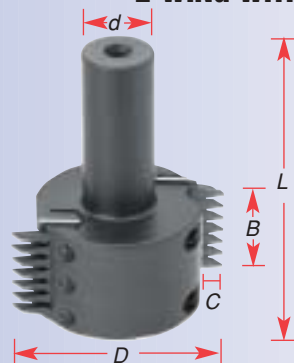


INDUSTRIAL/CNC/INSERT TOOLING

CNC INSERT ROUTER BITS

FINGER JOINT CNC INSERT

2-WING WITH CARBIDE INSERT KNIVES



Heavy duty solid tool-steel body for production finger jointing on CNC routers. Features 1-sided replaceable carbide knives.

Tool No.	D	B	C	d	L	MAX RPM
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61500	60MM	40MM	12MM	MK2	125MM	12,000
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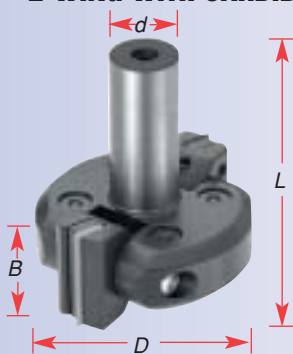
NEW 61502	60MM	40MM	12MM	3/4	125MM	12,000
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Replacement Parts:

Order No.	Description	Size	Qty. Required
RCK-92	1-sided Knives (pair)	40x1.5MM	1
BP-40	Steel backing plate	—	2
WB-50	Wedge blocks	—	2
67144	Knife screws	6x1x8MM	4
5004	'L' shaped hex key	3MM	1

INDEXABLE CHAMFER CNC INSERT

2-WING WITH CARBIDE INSERT KNIVES



This cutterhead utilizes solid tool-steel body with 2-sided replaceable carbide knives. An exclusive adjustment system is used that features positive stops at 7.5° increments for precise indexing.

Tool No.	D	B	Adjustment		L	MAX RPM
			Range	d		

61510	85MM	40MM	-45° to +90°	1"	125MM	12,000
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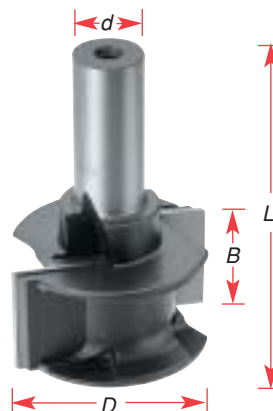
NEW 61512	85MM	40MM	-45° to +90°	3/4"	125MM	12,000
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Replacement Parts:

Order No.	Description	Size	Qty. Required
RCK-40	2-sided Knife (pair)	40x12x1.5MM	1
67144	Knife screws 8x16MM	4	4
67166	Retaining screws	5x.8x16MM	4
67174	Allen head screws	6x1x8MM	4
67171	Screw head retainer	—	4
67173	Screw tail retainer	5x.8MM threaded	4
WB-50	Wedge blocks	—	2
5004	'L' shaped hex key	3.0MM	1
5014	'T' handle hex key	4.0MM	1

CONCAVE CNC INSERT

2-WING / MILL TO PATTERN WITH CARBIDE INSERT KNIVES



Heavy-duty CNC router bit featuring solid tool steel body with 1-sided replaceable carbide knives. Designed for mill-to-pattern profiles with convex shapes (see drawing).

Tool No.	D	B	d	L	MAX RPM
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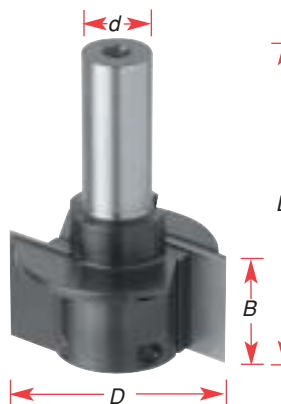
61522	80MM	40MM	25MM	125MM	12,000
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NEW 61523	80MM	40MM	1"	125MM	12,000
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NEW 61524	80MM	40MM	3/4"	125MM	12,000
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PROFILE CNC INSERT

2-WING / MILL TO PATTERN WITH CARBIDE INSERT KNIVES



Solid tool-steel body with replaceable carbide blanks for CNC routers. Profile allows for custom grinding such as a corner round type pattern. Available with MK2 or 1" shank.

Tool No.	D	B	d	L	MAX RPM
----------	---	---	---	---	---------

61530	80MM	40MM	MK2	125MM	12,000
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61532	80MM	40MM	1"	125MM	12,000
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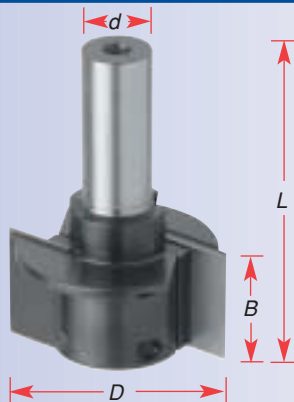
61534	80MM	40MM	25MM	125MM	12,000
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61536	80MM	40MM	3/4"	125MM	12,000
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Replacement Parts:

Order No.	Description	Size	Qty. Required
ICK-42	Blank knives (pair)	40x30x2MM	1
WB-66	Wedge blocks	—	2
67144	Allen screws	8x16MM	4
BP-20	Steel backing plate	—	2
67178	Allen bolt	8x25MM	1
67180	Hex nut	8MM	1
5004	'L' shaped hex key	3MM	1

PROFILE PRO™ CNC INSERT WITH INTERCHANGEABLE STEEL KNIVES



Solid tool-steel insert router bit for CNC applications. Features include the availability of over 135 different steel knives from our Profile Pro™ line. Please see pages 154-158 for listing of knives. Furnished with two #64F000 straight knives.

Tool No.	D	B	d	L	MAX RPM
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61542	80MM	40MM	25MM	125MM	12,000
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61540	80MM	40MM	MK2	125MM	12,000
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61544	80MM	40MM	1"	125MM	12,000
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61546	80MM	40MM	3/4"	125MM	12,000
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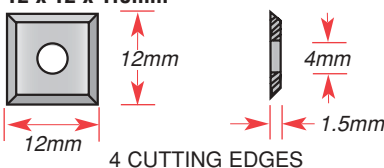
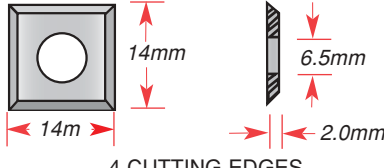
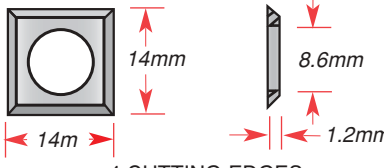
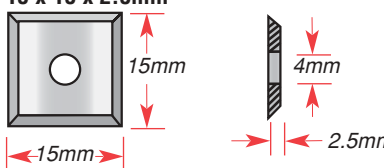
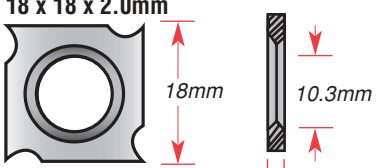
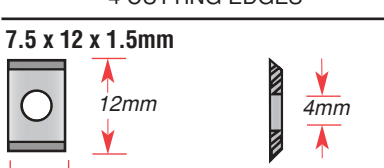
Replacement Parts:

Order No.	Description	Size	Qty. Required
64F000	Straight knives (pair)	40MM	1
WB-40	Wedge block	—	2
67144	8x1MM allen screws	8x16MM	2
67198	Allen bolt	8x25MM	1
67180	Hex nut	8MM	1

NOTE: Photo varies slightly from actual product

STRAIGHT CARBIDE INSERT KNIVES

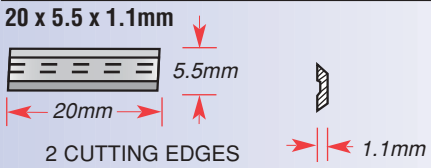
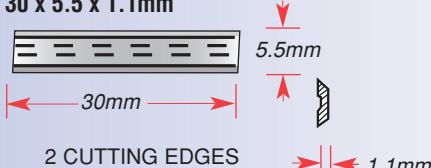
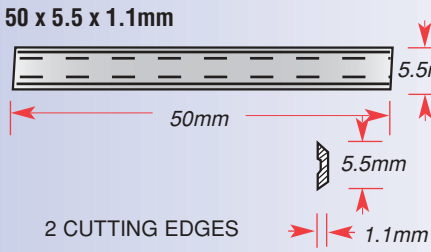
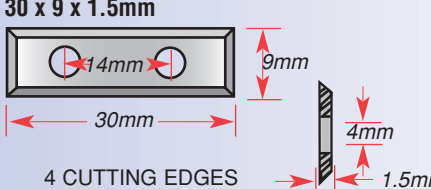
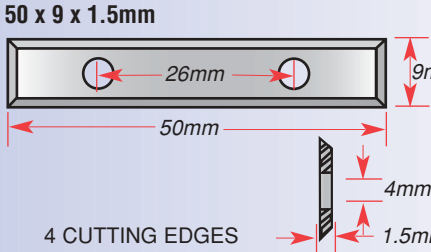
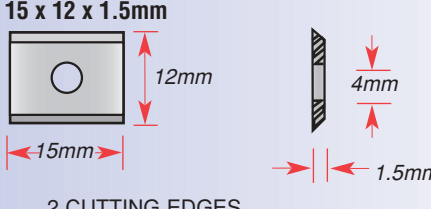
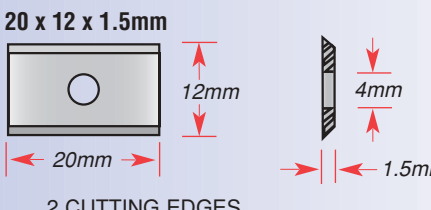
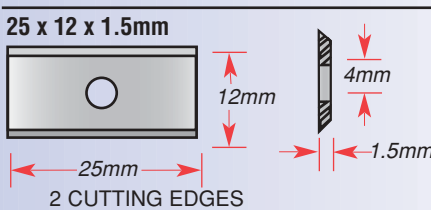
New grades now available for different material types such as softwood/hardwood, MDF/solid surface and micro-finish for general purpose. All knives have a 35° bevel, except the micro finish 'MF' series which has a 45° bevel. **MINIMUM ORDER 10 EACH.**

	'G' 35° General Purpose Wood, Chipboard, Plywood	'S' 35° Softwood/ Hardwood	'H' 35° MDF, Chipboard, Solid Surface	'MF' 45° Micro-finish General Purpose	Tool Application
12 x 12 x 1.5mm 	Order No. AMA-12	Order No. SMA-12 NEW	Order No. HMA-12 NEW	Order No. MFA-12 NEW	Insert Trim Bits RC-1000, RC-1008, RC-1010, RC-1012, RC-1014.
14 x 14 x 2.0mm 	Order No. RCK-70	Order No. SCK-70 NEW	Order No. HCK-70 NEW	—	Insert Cutterheads 61288, 61292, 61340, 61360, 61362, 61460, 61462, 61470, 61472, 61480, 61482.
14 x 14 x 1.2mm 	Order No. RCK-71	—	—	—	Insert Cutterheads 61330, 61350, 61450, 61452.
15 x 15 x 2.5mm 	Order No. RCK-15 NEW	—	—	—	Various
18 x 18 x 2.0mm 	Order No. RCK-18	—	—	—	Insert Cutterheads 61330, 61350, 61450, 61452.
7.5 x 12 x 1.5mm 	Order No. AMA-17	—	Order No HCK-17	—	Insert Trim Bits RC-1040, RC-1042, RC-1044. Insert Cutterheads 61360, 61384.

INDUSTRIAL/CNC/INSERT TOOLING

CARBIDE INSERT KNIVES

**MINIMUM
ORDER
10 EACH.**

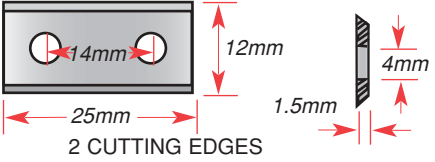


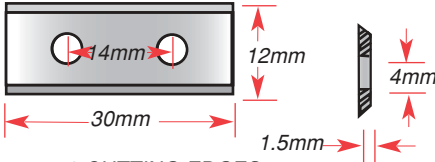




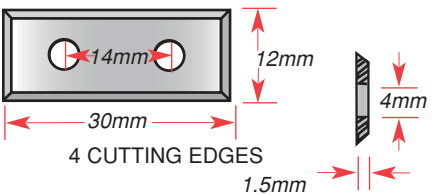



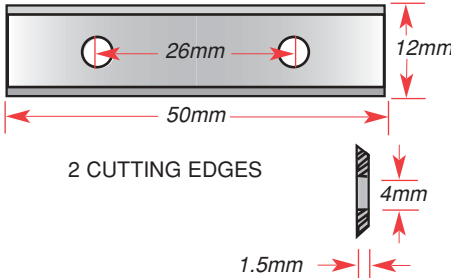



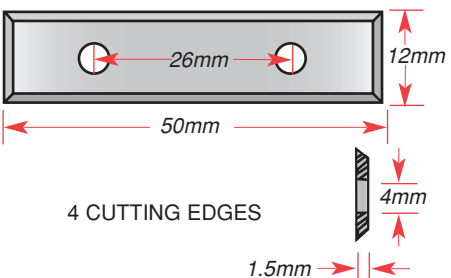



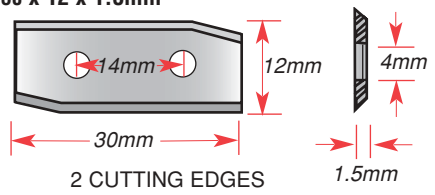
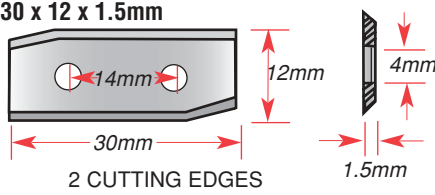
	'G' 35° General Purpose Wood, Chipboard, Plywood	'S' 35° Softwood/ Hardwood	'H' 35° MDF, Chipboard, Solid Surface	'MF' 45° Micro-finish General Purpose	Tool Application
20 x 5.5 x 1.1mm  2 CUTTING EDGES	Order No. RCK-32	—	—	—	Insert Straight Bit RC-3100.
30 x 5.5 x 1.1mm  2 CUTTING EDGES	Order No. RCK-34	—	Order No. HCK-34 NEW	—	Insert Straight Bits RC-3110, RC-3200, RC-3204, RC-3260, RC-3300, RC-3305, RC-3310, RC-3312, RC-3318, RC-3320.
50 x 5.5 x 1.1mm  2 CUTTING EDGES	Order No. RCK-36	—	Order No. HCK-36 NEW	—	Insert Straight Bits RC-3208, RC-3264, RC-3304, RC-3307, RC-3314, RC-3316, RC-3322, RC-3324.
30 x 9 x 1.5mm  4 CUTTING EDGES	Order No. AMA-30	—	—	—	Insert Straight Bits RC-1080, RC-1082, RC-1154, RC-2080, RC-2082, RC-2154.
50 x 9 x 1.5mm  4 CUTTING EDGES	Order No. AMA-50	—	—	—	Various
15 x 12 x 1.5mm  2 CUTTING EDGES	Order No. ICK-15	—	Order No. HCK-15 NEW	—	Insert Cutterheads 61342, 61362, 61386.
20 x 12 x 1.5mm  2 CUTTING EDGES	Order No. ICK-20	Order No. SCK-20 NEW	Order No. HCK-20 NEW	—	Insert Cutterhead 61388.
25 x 12 x 1.5mm  2 CUTTING EDGES	Order No. AMA-25 NEW	—	Order No. HMA-25 NEW	—	Various

Products shown in **Bold** indicate most popular items.

INDUSTRIAL/CNC/INSERT TOOLING

CARBIDE INSERT KNIVES

**MINIMUM
ORDER
10 EACH.**

	'G' 35° General Purpose Wood, Chipboard, Plywood	'S' 35° Softwood/ Hardwood	'H' 35° MDF, Chipboard, Solid Surface	'MF' 45° Micro-finish General Purpose	Tool Application
25 x 12 x 1.5mm  <p>2 CUTTING EDGES</p>	Order No. ICK-25 	—	Order No. HCK-25 	—	Various
30 x 12 x 1.5mm  <p>2 CUTTING EDGES</p>	Order No. ICK-30 	Order No. SCK-30 	Order No. HCK-30 	Order No. MFK-30 	Insert Trim Bits RC-1002, RC-1004, and general use.
30 x 12 x 1.5mm  <p>4 CUTTING EDGES</p>	Order No. RCK-30 	Order No. SRK-30 	Order No. HRK-30 	—	Insert Straight Bits RC-1084, RC-1086, RC-1088, RC-1090, RC-1156, RC-1160, RC-1164, RC-2084, RC-2086, RC-2088, RC-2090, RC-2156, RC-2160, RC-2164.
50 x 12 x 1.5mm  <p>2 CUTTING EDGES</p>	Order No. ICK-50 	Order No. SCK-50 	Order No. HCK-50 	—	Insert Cutterheads 61304, 61306, 61310.
50 x 12 x 1.5mm  <p>4 CUTTING EDGES</p>	Order No. RCK-50 	Order No. SRK-50 	Order No. HRK-50 	—	Insert Cutterheads RC-1158, RC-1162, RC-1166, RC-2158, RC-2162, RC-2164.
30 x 12 x 1.5mm  <p>2 CUTTING EDGES</p>	Order No. ICK-35RH	—	—	—	Edgebander trim knives, right hand.
30 x 12 x 1.5mm  <p>2 CUTTING EDGES</p>	Order No. ICK-35LH	—	—	—	Edgebander trim knives, left hand.

Products shown in **Bold** indicate most popular items.