



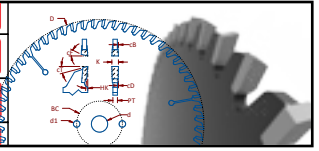
PRECISION SAW BLADES

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Fiberboard	Fb	Fb	Fb
Plywood	Pl	Pl	Pl
Hard Plastic	Hb	Hb	Hb



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Technical Information

This catalog contains our standard product offering for circular saw blades. Most of our standard product offering can be re-bored upon your request. If what you are looking for is not shown we can produce custom tooling for any project you may require. Please provide the below information to your Royce Ayr representative and we will provide a price, drawing and lead time.

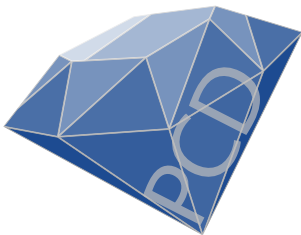
- 1) Type of machine tool is being used on
- 2) Type of feed system being used (mechanical or manual)
- 3) General RPM and feed rates that are required
- 5) Material being cut
- 6) Rough dimension including arbor size and tool diameter

PRO-LINE

ROYCE

ULTIMA

ULTIMAX



Pro-line Saws

Economically priced base line saw, geared towards the serious woodworking looking for a higher quality blade a step above the typical hardware store sawblade. Micro-grain carbide provides superior wear resistance.

Industrial Line

For Industrial applications. Minimal run out in saws provide precise cuts. Micro Grain carbide for extended life before sharpening is required. Large tips allow for multiple sharpenings on saws.

Ultima Line

For Industrial applications. Minimal run out in saws provide precise cuts. Unique sub micron chrome grade carbide for 20% more wear resistance over industrial Line saws. Large tips allow multiple sharpenings on saws.

Ultimax Line

For Industrial applications. Minimal run out in saws provide precise cuts. Unique sub micron chrome grade carbide for 20% more wear resistance over industrial Line saws. Large tips allow multiple sharpenings on saws. Unique grind style for cutting brittle laminates on panel saws

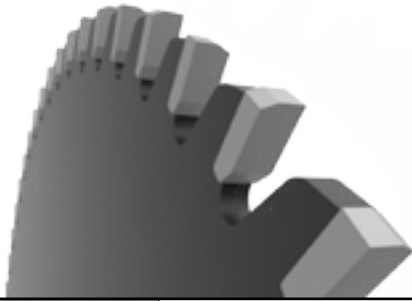
PCD Diamond

Polycrystalline diamond is a synthetic diamond made using extreme heat and pressure. PCD is incredibly hard, wear resistant, and has exceptional thermal capabilities. What this means for you is exceptional tool life when used in the proper applications. Due to the high hardness it is not recommended for rough applications where the tool is under impact.

Material Selection

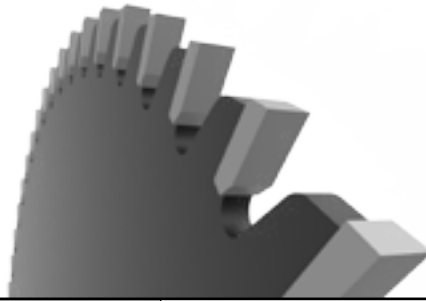
	Best	Good	Acceptable
Hardwoods	Hw	Hw	Hw
Softwoods	Sw	Sw	Sw
Particle Board	Pb	Pb	Pb
Fiberboard	Fb	Fb	Fb
Plywood	Pl	Pl	Pl
Hard Plastic	Hp	Hp	Hp
Soft Plastic	Sp	Sp	Sp
Fibre Re-enforced Plastic Composites	Rp	Rp	Rp
Aluminium	Al	Al	Al
Material with Laminate	Lm	Lm	Lm

Common Tooth Forms

**CA**

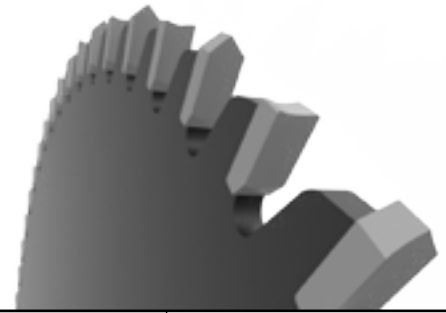
California

Used on extruded aluminum cutting as well as disposable blades for cutting steel on portable low RPM saws.

**FT**

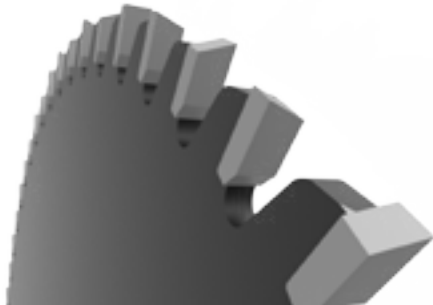
Flat Top

Simplest grind style, works well on ripping solid woods. Sufficient for a broad variety of other applications.

**HG**

Hollow Face

Designed to run on vertical panel saws where scoring unit is not used. Extremely sharp edges provide clean cut on bottom of melamine. Always best to use a scoring unit when cutting melamine. Blade will dull quicker due to sharp edge.

**MJ**

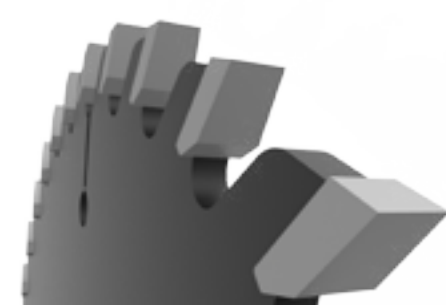
Mitre Joint

Excellent for cross cutting hardwoods on mitre saws. Similar to ATB but has a flat raker tooth as well. Breaks up the chips well.

**TCA**

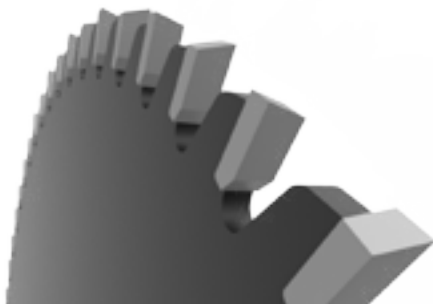
All Triple Chip

Less aggressive and more durable grind. Not as sharp of an edge as other grinds. Used on applications where durability is a concern. Also works well when cutting with grain on solid woods.

**TS**

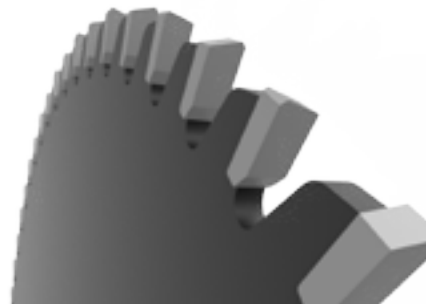
Tapered Scoring

Used for horizontal beam panel saws on the scoring unit. Clears out the bottom melamine layer ahead of the main blade to allow for a chip free bottom.

**ATB**

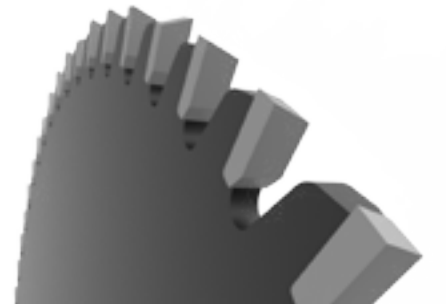
Alternate Top Bevel (Cut-off)

Good for cross cutting on solid woods, as well as cutting veneers. Extremely sharp cutting edge cuts clean but may be more prone to breaking.

**ATBCR**

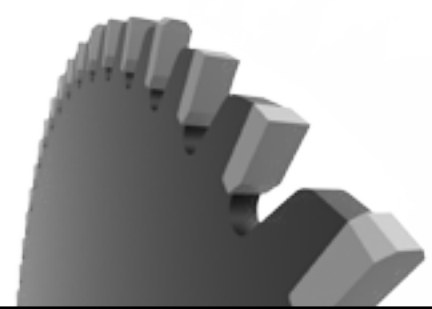
ATB Bevel with Chamfer

Similar to the ATB grind but has a broken corner for increased durability. Not as sharp an edge as the ATB.

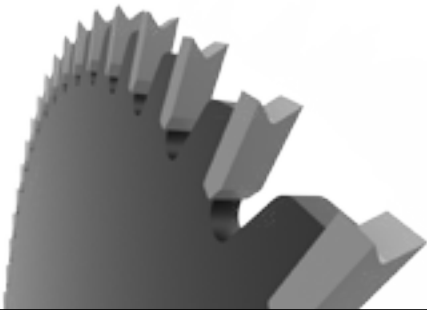
**DBR**

Double End Trim

Similar to ATB but made in left and right hand configurations. 3 teeth cut on 1 side and 1 tooth on the other side creating a finer finish on 1 side of the board.



TC	Triple Chip	TCCR	UM Ultimax
<p>Most popular for cutting man-made laminated panels. Durable and free cutting, breaks the chips up well. Also good for ripping lumber.</p>		<p>Similar to TCG but added chamfers on the straight teeth. Chamfers make for a more durable tip also provide smoother finish when ripping lumber.</p>	

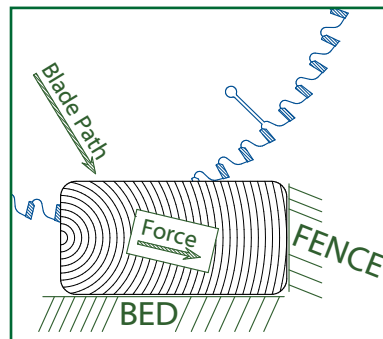


VTP	V-Top
<p>Extremely sharp edge. Excellent for cross cutting lumber. Because the edge is extremely sharp it is also more fragile than other grinds.</p>	

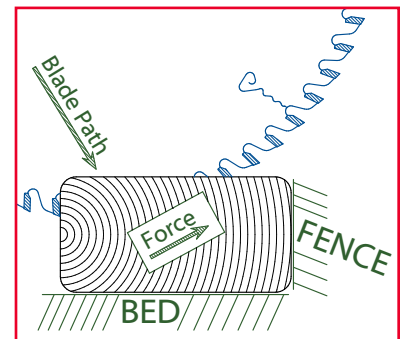
These are common grind styles. Other geometries available on request.

Selecting Hook Angle

As a general rule positive hook angles provide less resistance, and less horsepower to cut, they also have a sharper edge that may dull quicker. One important consideration when selecting hook angle is how the blade is traveling through the material, especially when the material is not clamped. Depending on the hook angle, the forces on the material can be quite different and depending on the machine being used different hook angles may be needed. See illustration on the right.

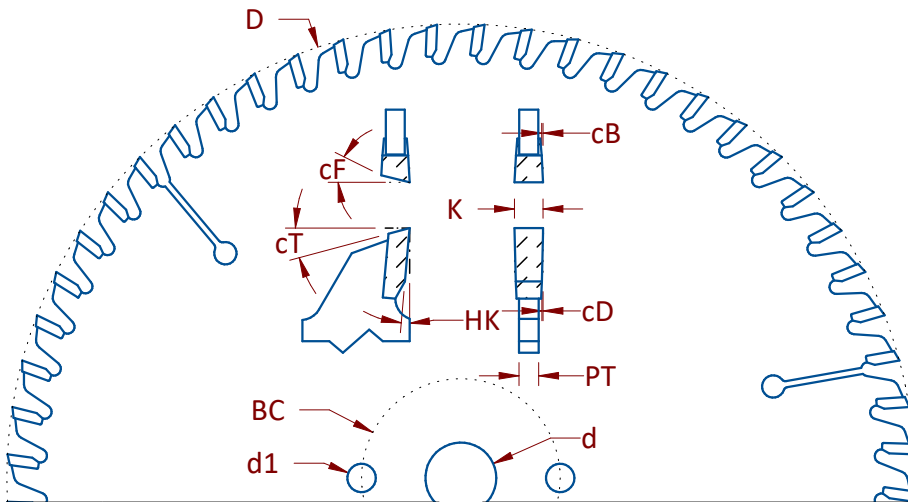


GOOD - Blade has negative hook that is forcing the material against the bed and fence of the machine.



BAD - Blade has positive hook that is forcing the material away from the bed of the machine. This may result in the part being expelled.

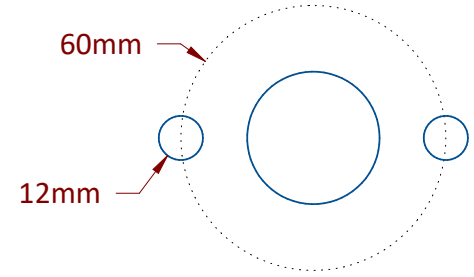
Explanation of Abbreviations



BC	Bolt circle
cB	Back clearance
cD	Down clearance
cF	Face angle
cT	Top clearance
D	Diameter

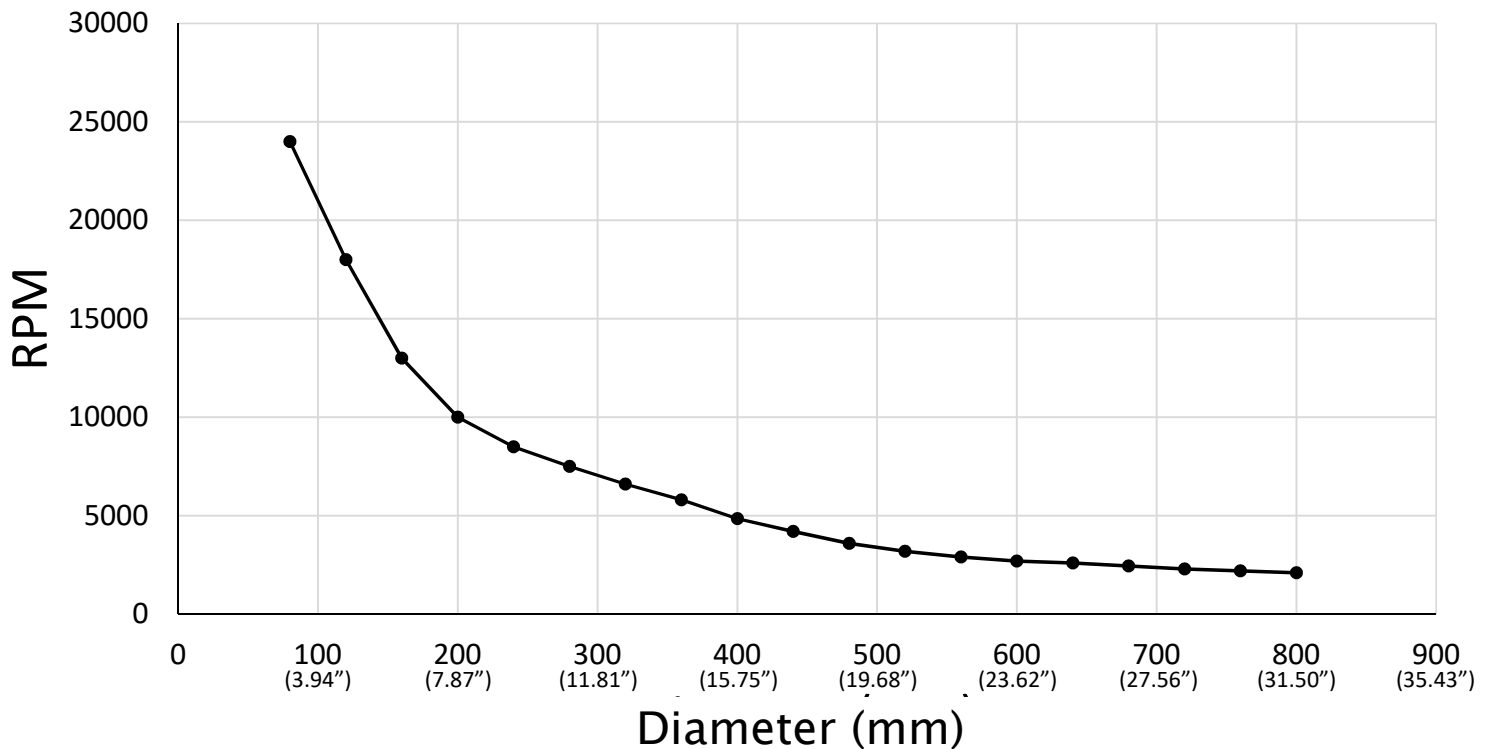
d	Arbor size
d1	Pinhole diameter
HK	Hook angle
K	Kerf
PT	Plate Thickness
Z	Number of teeth

Pinholes

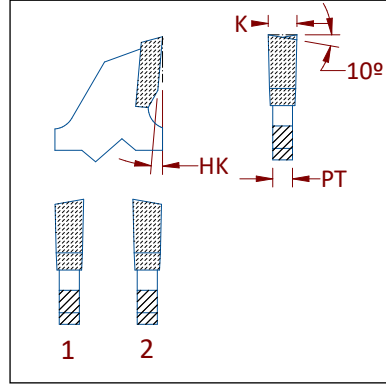


Pinhole locations will be expressed in a format of qty/diameter/bolt circle. For example, the pinholes would be shown for the sketch on the right in the following way 2/12/60mm.

Max Blade RPM



S02-Universal Cut Off Saw Blades



Hw Sw PI Fb

See Material Guide p6

Industrial universal saw blades. For precision sawing of solid woods, plywood, and veneered panels.

Industrial #	Ultima #	D	PT	K	HK	d	Z	Pinholes
02080480		8"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	48	
02080600	02080600U	8"	2.2mm (.087")	3.2mm (.126")	5°	5/8"	60	
02090480		9"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	48	
02090600	02090600U	9"	2.2mm (.087")	3.2mm (.126")	5°	5/8"	60	
02100480		10"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	48	
02100600	02100600U	10"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	60	
02100800	02100800U	10"	2.2mm (.087")	3.2mm (.126")	5°	5/8"	80	
<i>02100801</i>		10"	2.2mm (.087")	3.2mm (.126")	5°	1"	80	
02120481	02120481U	12"	2.5mm (.098")	3.5mm (.138")	15°	1"	48	
02120601	02120601U	12"	2.5mm (.098")	3.5mm (.138")	10°	1"	60	
02120601H	02120601HU	12"	2.8mm (.110")	3.8mm (.150")	10°	1"	60	
02120801	02120801U	12"	2.5mm (.098")	3.5mm (.138")	5°	1"	80	
02121001	02121001U	12"	2.5mm (.098")	3.5mm (.138")	5°	1"	100	
02140601	02140601U	14"	2.5mm (.098")	3.5mm (.138")	10°	1"	60	
02140601H	02140601HU	14"	3mm (.118")	4mm (.157")	10°	1"	60	
02140801	02140801U	14"	2.5mm (.098")	3.5mm (.138")	10°	1"	80	
02140801H	02140801HU	14"	3mm (.118")	4mm (.157")	10°	1"	80	
02141001	02141001U	14"	2.5mm (.098")	3.5mm (.138")	5°	1"	100	
02141001H	02141001HU	14"	3mm (.118")	4mm (.157")	5°	1"	100	
02160601	02160601U	16"	3mm (.118")	4mm (.157")	10°	1"	60	
02160801	02160801U	16"	3mm (.118")	4mm (.157")	10°	1"	80	
02161001	02161001U	16"	3mm (.118")	4mm (.157")	5°	1"	100	
02161201	02161201U	16"	3mm (.118")	4mm (.157")	5°	1"	120	
02180601		18"	3.4mm (.134")	4.6mm (.181")	10°	1"	60	
02180801		18"	3.4mm (.134")	4.6mm (.181")	10°	1"	80	
02181001	02181001U	18"	3.4mm (.134")	4.6mm (.181")	10°	1"	100	
02181201	02181201U	18"	3.4mm (.134")	4.6mm (.181")	5°	1"	120	
02200801		20"	3.4mm (.134")	4.6mm (.181")	15°	1"	80	
02201001		20"	3.4mm (.134")	4.6mm (.181")	10°	1"	100	
02201201	<i>02201201U</i>	20"	3.4mm (.134")	4.6mm (.181")	10°	1"	120	

S02–Universal Cut Off Saw Blades (Continued)

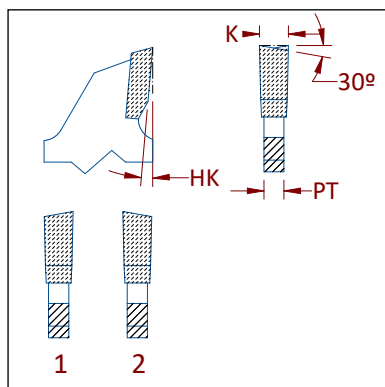
Industrial #	Ultima #	D	PT	K	HK	d	Z	Pinholes (mm)
02220483**	02220483U**	220mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	48	2/7/42
02220643**	02220643U**	220mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	64	2/7/42
02250603^	02250603U^	250mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	60	2/7/42 + 2/9/46.35 + 2/10/60
02250803^	02250803U^	250mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	80	2/7/42 + 2/9/46.35 + 2/10/60
02300723*^	02300723U*^	300mm	2.5mm (.098")	3.5mm (.138")	10°	30mm	72	2/7/42 + 2/9/46.35 + 2/10/60
02300963*^	02300963U*^	300mm	2.5mm (.098")	3.5mm (.138")	10°	30mm	96	2/7/42 + 2/9/46.35 + 2/10/60
02350843^	02350843U	350mm	2.5mm (.098")	3.5mm (.138")	10°	30mm	84	2/7/42 + 2/9/46.35 + 2/10/60
02351083^	02351083U	350mm	2.5mm (.098")	3.5mm (.138")	10°	30mm	108	2/7/42 + 2/9/46.35 + 2/10/60

*Altendorf, Omga, SCMI, Streibig | **Holz-Her | ^ Keyhole pinhole enables multiple pinhole patterns in one

S02A–Universal Saws for Aggregates

Industrial #	D	PT	K	HK	d	Z	Pinholes (mm)
02180243A	180mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	24	
02180483A	180mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	48	
02220243A	220mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	24	
02220483A	220mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	48	

S02M–Melamine Saw Blades



Pb Fb Lm PI

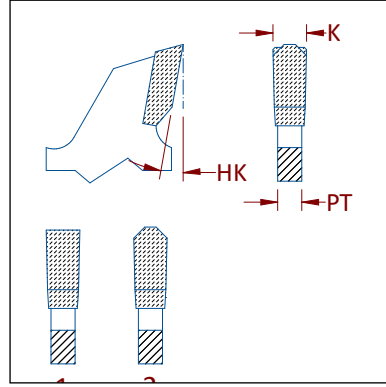
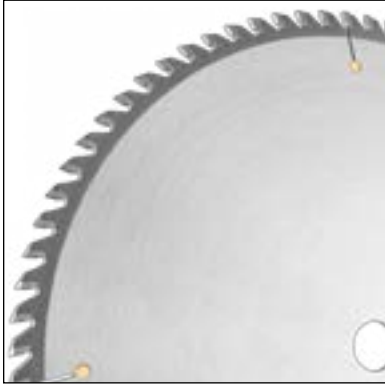
See Material Guide p6

Ultima melamine saw blades. For precision sawing of panel material. High 30deg ATB helps prevent chipping on back of melamine when scoring unit is not used.

Industrial #	Ultima #	D	PT	K	HK	d	Z	Pinholes (mm)
02080600M	02080600MU	8"	2.2mm (.087")	3mm (.118")	-5°	5/8"	60	
02090600M	02090600MU	9"	2.2mm (.087")	3mm (.118")	-5°	5/8"	60	
02100800M	02100800MU	10"	2.2mm (.087")	3mm (.118")	-5°	5/8"	80	
02121001M	02121001MU	12"	2.5mm (.098")	3.3mm (.130")	-5°	1"	100	
02141001M	02141001MU	14"	2.5mm (.098")	3.3mm (.130")	-5°	1"	100	
02161201M	02161201MU	16"	3.2mm (.126")	4.2mm (.165")	-5°	1"	120	
02220643M*	02220643MU*	220mm	2.2mm (.087")	3mm (.118")	-5°	30mm	64	2/7/42
02250803M^	02250803MU^	250mm	2.2mm (.087")	3mm (.118")	-5°	30mm	80	2/7/42 + 2/9/46.35 + 2/10/60
02300963M^	02300963MU^	300mm	2.5mm (.098")	3.3mm (.130")	-5°	30mm	96	2/7/42 + 2/9/46.35 + 2/10/60

* Holz-Her | ^ Keyhole pinhole enables multiple pinhole patterns in one

S03–Saw Blades for Laminated Panels



Pb **PI** **Lm** **Fb** **Hw** **Sw**

See Material Guide p6

Industrial laminated panel saw blade. Triple chip grind provides longer life when cutting laminated panels. Also works well on plastics.

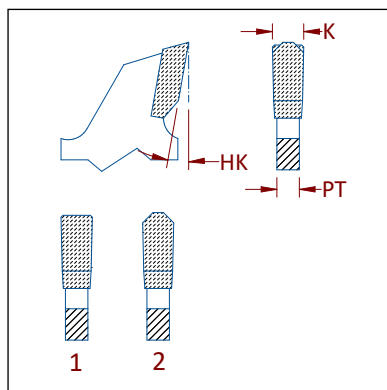
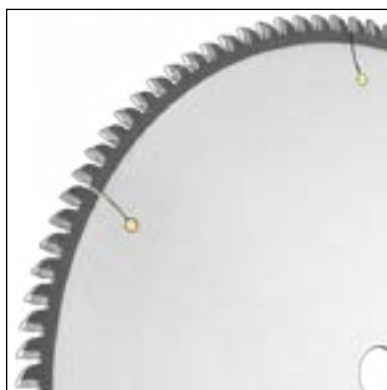
Industrial #	Ultima #	D	PT	K	HK	d	Z	Pinholes
03080480		8"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	48	
03080600	03080600U	8"	2.2mm (.087")	3.2mm (.126")	5°	5/8"	60	
03090480		9"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	48	
03090600	03090600U	9"	2.2mm (.087")	3.2mm (.126")	5°	5/8"	60	
03100480	03100480U	10"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	48	
03100600	03100600U	10"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	60	
03100800	03100800U	10"	2.2mm (.087")	3.2mm (.126")	5°	5/8"	80	
03100800H	03100800HU	10"	3mm (.118")	4mm (.157")	5°	5/8"	80	
03101000		10"	2mm (.079")	3mm (.118")	5°	5/8"	100	
03120481		12"	2.5mm (.098")	3.5mm (.138")	15°	1"	48	
03120601	03120601U	12"	2.5mm (.098")	3.5mm (.138")	10°	1"	60	
03120601H	03120601HU	12"	2.8mm (.110")	3.8mm (.150")	10°	1"	60	
03120801	03120801U	12"	2.5mm (.098")	3.5mm (.138")	5°	1"	80	
03121001	03121001U	12"	2.5mm (.098")	3.5mm (.138")	5°	1"	100	
03140601	03140601U	14"	2.5mm (.098")	3.5mm (.138")	10°	1"	60	
03140601H	03140601HU	14"	3mm (.118")	4mm (.157")	10°	1"	60	
03140801	03140801U	14"	2.5mm (.098")	3.5mm (.138")	10°	1"	80	
03140801H	03140801HU	14"	3mm (.118")	4mm (.157")	10°	1"	80	
03141001	03141001U	14"	2.5mm (.098")	3.5mm (.138")	5°	1"	100	
03141001H	03141001HU	14"	3mm (.118")	4mm (.157")	5°	1"	100	
03160601	03160601U	16"	3mm (.118")	4mm (.157")	10°	1"	60	
03160801	03160801U	16"	3mm (.118")	4mm (.157")	5°	1"	80	
03161001	03161001U*	16"	3mm (.118")	4mm (.157")	5°	1"	100	
03161201	03161201U*	16"	3mm (.118")	4mm (.157")	5°	1"	120	
03180601		18"	3.4mm (.134")	4.6mm (.181")	10°	1"	60	
03180801	03180801U	18"	3.4mm (.134")	4.6mm (.181")	10°	1"	80	
03181001	03181001U*	18"	3.4mm (.134")	4.6mm (.181")	10°	1"	100	
03181201	03181201U*	18"	3.4mm (.134")	4.6mm (.181")	5°	1"	120	
03200801		20"	3.4mm (.134")	4.6mm (.181")	15°	1"	80	
03201001	03201001U	20"	3.4mm (.134")	4.6mm (.181")	10°	1"	100	
03201201	03201201U*	20"	3.4mm (.134")	4.6mm (.181")	10°	1"	120	

S03–Saw Blades for Laminated Panels (Continued)

Industrial #	Ultima #	D	PT	K	HK	d	Z	Pinholes (mm)
03220483	03220483U	220mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	48	2/7/42
03220643	03220643U	220mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	64	2/7/42
03250603^	03250603U^	250mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	60	2/7/42 + 2/9/46.35 + 2/10/60
03250803^	03250803U^	250mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	80	2/7/42 + 2/9/46.35 + 2/10/60
03300723*^	03300723U*^	300mm	2.5mm (.098")	3.5mm (.138")	10°	30mm	72	2/7/42 + 2/9/46.35 + 2/10/60
03300963^	03300963U^	300mm	2.5mm (.098")	3.5mm (.138")	10°	30mm	96	2/7/42 + 2/9/46.35 + 2/10/60
03350843	03350843U	350mm	2.5mm (.098")	3.5mm (.138")	10°	30mm	84	2/7/42 + 2/9/46.35 + 2/10/60
03351083	03351083U	350mm	2.5mm (.098")	3.5mm (.138")	10°	30mm	108	2/7/42 + 2/9/46.35 + 2/10/60

*Altendorf, Omega, SCMI, Streibig | ^ Keyhole pinhole enables multiple pinholes patterns in one

S03M–Solid Surface Saw Blades



Pb **PI** **Lm** **Fb** **Hw** **Sp**

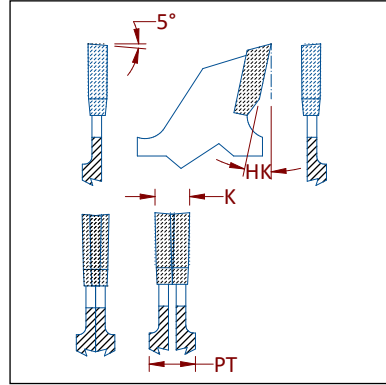
See Material Guide p6

Industrial Melamine saw blades. For precision sawing of panel material, special tooth design helps prevent chipping on back of melamine when scoring unit is not used.

Industrial #	Ultima #	D	PT	K	HK	d	Z	Pinholes (mm)
03080600M	03080600MU	8"	2.2mm (.087")	3.2mm (.126")	-5°	5/8"	60	
03100800M	03100800MU	10"	2.2mm (.087")	3.2mm (.126")	-5°	5/8"	80	
03120801M	03120801MU	12"	2.5mm (.098")	3.5mm (.138")	-5°	1"	80	
03121001M	03121001MU	12"	2.5mm (.098")	3.3mm (.130")	-5°	1"	100	
03141001M	03141001MU	14"	2.5mm (.098")	3.3mm (.130")	-5°	1"	100	
03161001M	03161001MU	16"	3.2mm (.126")	4.2mm (.165")	-5°	1"	100	
03161201M	03161201MU	16"	3.2mm (.126")	4.2mm (.165")	-5°	1"	120	
03181201M	03181201MU	18"	3.4mm (.134")	4.6mm (.181")	-5°	1"	120	
03201201M	03201201MU	20"	2.5mm (.098")	3.3mm (.130")	-5°	1"	120	
03220643M^	03220643MU^	220mm	2.2mm (.087")	3.2mm (.126")	-5°	30mm	64	2/7/42
03250803M^	03250803MU^	250mm	2.2mm (.087")	3.2mm (.126")	-5°	30mm	80	2/7/42 + 2/9/46.35 + 2/10/60
03300963M^	03300963MU^	300mm	2.5mm (.098")	3.3mm (.130")	-5°	30mm	96	2/7/42 + 2/9/46.35 + 2/10/60

*Altendorf, Omega, SCMI, Streibig | ^ Keyhole pinhole enables multiple pinhole patterns in one

S06-Adjustable Split Scoring Saw Blades

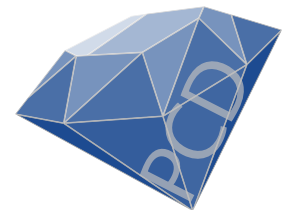


Pb Fb Lm PI

See Material Guide p6

Adjustable scoring saw blades for sliding table saws. 2 pc scoring saws with shims included to run on sliding table saws. kerf of scoring unit can be adjusted by adding and removing shims.

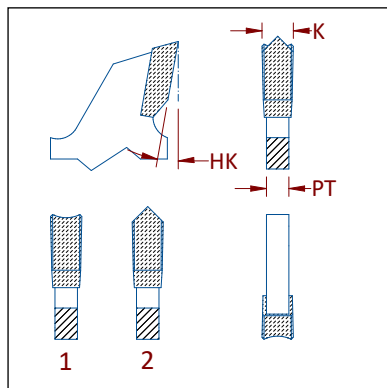
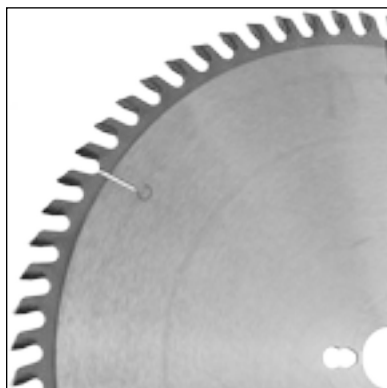
Industrial #	D mm	PT mm (inch)	K mm (inch)	HK	d	Z	Machine
06070202820	70	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	20mm	2x8	
06080202820	80	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	20mm	2x10	EMA Casadei, Minimax
06100242810	100	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	1"	2x12	Delta
06100242820	100	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	20mm	2x12	Schelling
06100242822	100	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	22mm	2x12	Altendorf, Martin, Panhans
06100242834	100	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	3/4"	2x12	SCMI, Delta
06120242820	120	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	20mm	2x12	SCM, Holz-Her
06120242822	120	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	22mm	2x12	Altendorf, Martin, Panhans
06120242834	120	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	3/4"	2x12	SCMI
06120242850	120	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	50mm	2x12	Altendorf
06125242820	125	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	20mm	2x12	
06125242822	125	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	22mm	2x12	Holz-Her
06125242834	125	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	3/4"	2x12	SCMI
06125404020	125	4.3 (.169") - 4.7 (.185")	4.0 (.157") - 4.4 (.173")	12°	20mm	2x20	SCM
06125404045	125	4.3 (.169") - 4.7 (.185")	4.0 (.157") - 4.4 (.173")	12°	45mm	2x20	Holzma
06160322820	160	4.3 (.169") - 4.7 (.185")	2.8 (.110") - 3.6 (.142")	12°	30mm	2x16	
06160322830	160	4.3 (.169") - 4.7 (.185")	2.8 (.110") - 3.6 (.142")	12°	30mm	2x16	Bauerle



PCD Diamond Tipped Saws

Industrial #	D mm	PT mm (inch)	K mm (inch)	HK	d	Z	Machine
06080202820-DIAMOND	80	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	20mm	2x10	EMA Casadei, Minimax
06100242820-DIAMOND	100	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	20mm	2x12	Schelling
06100242834-DIAMOND	100	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	3/4"	2x12	SCMI, Delta
06120242822-DIAMOND	120	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	22mm	2x12	Altendorf, Martin, Panhans
06120242834-DIAMOND	120	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	3/4"	2x12	SCMI
06120242850-DIAMOND	120	4.0 (.157") - 4.8 (.189")	2.8 (.110") - 3.6 (.142")	12°	50mm	2x12	Altendorf

S04–Hollow Face Saw Blades



Pb Lm PI Fb

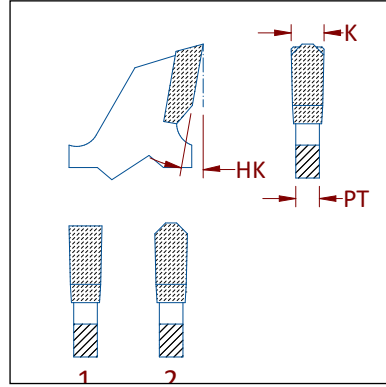
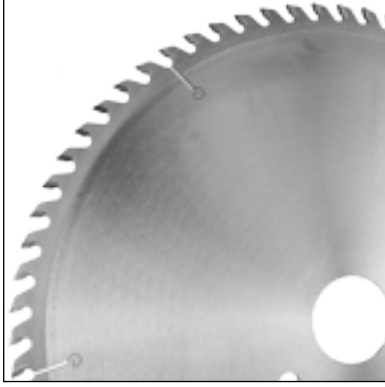
See Material Guide p6

Hollow face saw blades. Special hollow ground tooth helps to prevent chipping when no scoring unit is used on vertical panel saws.

Industrial #	D	PT	K	HK	d	Z	Pinholes (mm)
04220403-POS**	220mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	42	2/7/42
04220403-NEG**	220mm	2.2mm (.087")	3.2mm (.126")	-5°	30mm	42	2/7/42
04220420	220mm	2.2mm (.087")	3.2mm (.126")	10°	5/8"	42	
04250480	250mm	2.2mm (.087")	3.2mm (.126")	10°	5/8"	48	
04250483**	250mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	48	2/7/42 + 2/9/46.35 + 2/10/60
04250483-NEG**	250mm	2.2mm (.087")	3.2mm (.126")	-5°	30mm	48	2/7/42 + 2/9/46.35 + 2/10/60
04300601	300mm	2.2mm (.087")	3.2mm (.126")	10°	1"	60	
04350721	350mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	72	2/7/42 + 2/9/46.35 + 2/10/60

**Holz-Her Streibig

S05U–Ultima Horizontal Beam Saw Blades



Pb Fb Lm PI Hp

See Material Guide p6

Ultima horizontal beam saw blades. Made for horizontal beam panel saws. Micro grain carbide and premium grinding provide optimum tool life.

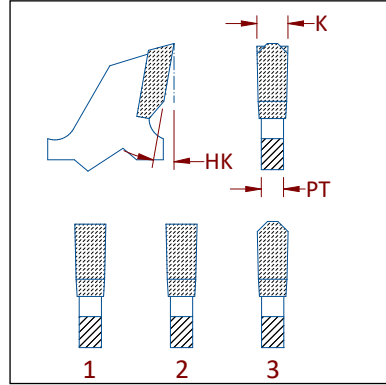
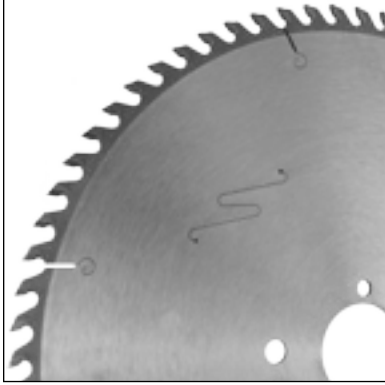
Industrial #	D (mm)	PT mm (inch)	K mm (inch)	HK	d	Z	Pinholes (mm)	Machine
05240543230U	240	2.2 (.087")	3.2 (.126")	15°	30mm	54	2/7/42	Scheer FM10
05250603230U	250	2.2 (.087")	3.2 (.126")	15°	30mm	60	2/7/42	
05300724430U	300	3.2 (.126")	4.4 (.173")	15°	30mm	72		
05305484430U	305	3.2 (.126")	4.4 (.173")	18°	30mm	48		Mayer, Panhans
05305604430U	305	3.2 (.126")	4.4 (.173")	15°	30mm	60		Mayer, Panhans
05305724430U	305	3.2 (.126")	4.4 (.173")	15°	30mm	72		Mayer, Panhans
05320604465U	320	3.2 (.126")	4.4 (.173")	15°	65mm	60	2/9/110	Selco EB80
05320724475U	320	3.2 (.126")	4.4 (.173")	15°	75mm	72	3/13/95	Giben Smart
05330604450U	330	3.2 (.126")	4.4 (.173")	15°	50mm	60	4/13/80	Giben
05350544475U	350	3.2 (.126")	4.4 (.173")	18°	75mm	54		Giben Trend
05350604475U	350	3.2 (.126")	4.4 (.173")	18°	75mm	60		Giben Gamma
05350724430U	350	3.2 (.126")	4.4 (.173")	15°	30mm	72	2/10/60	Schelling FXH/FM
05350724460U	350	3.2 (.126")	4.4 (.173")	15°	60mm	72	2/14/100	Holzma Type 72
05350724480U	350	3.2 (.126")	4.4 (.173")	15°	80mm	72	2/9/100 + 2/14/110	Gabbiani Galaxy 85
05350724481U	350	3.2 (.126")	4.4 (.173")	15°	80mm	72	4/9/100 + 2/14/110 + 2/7/110	SCM Prima 90 / Gabbiani Galaxy 85
05355724411U	355	3.2 (.126")	4.4 (.173")	15°	1 1/4"	72		SCMI
05355724430U	355	3.2 (.126")	4.4 (.173")	15°	30mm	72		Mayer, Panhans
05355724475U	355	3.2 (.126")	4.4 (.173")	15°	75mm	72		Giben Trend
05355724480U	355	3.2 (.126")	4.4 (.173")	15°	80mm	72	2/9/130 + 4/19/120	Selco EB90
05360724465U	360	3.2 (.126")	4.4 (.173")	15°	65mm	72	2/9/110	Selco EB100
05370724430U	370	3.2 (.126")	4.4 (.173")	15°	30mm	72	2/10/60	Panhans
05380604460U	380	3.2 (.126")	4.4 (.173")	15°	60mm	60	2/14/100	Holzma Type 81
05380724430U	380	3.2 (.126")	4.4 (.173")	15°	30mm	72	2/10/60	
05380724450U	380	3.2 (.126")	4.4 (.173")	15°	50mm	72	4/13/80	Giben Onix 105
05380724860U	380	3.5 (.138")	4.8 (.189")	15°	60mm	72	2/14/100	Holzma Type 82
05400604430U	400	3.2 (.126")	4.4 (.173")	15°	30mm	60	2/10/60	Schelling AW, FW, Panhans
05400604475U	400	3.2 (.126")	4.4 (.173")	15°	75mm	60	4/15/105	Giben
05400604480U	400	3.2 (.126")	4.4 (.173")	15°	80mm	60	4/9/100 + 2/14/110	Gabbiani Galaxy 115
05400724430U	400	3.2 (.126")	4.4 (.173")	15°	30mm	72	2/10/60	Schelling AW, FW, Panhans
05400724460U	400	3.2 (.126")	4.4 (.173")	15°	60mm	72		Anthon LNA
05400724465U	400	3.2 (.126")	4.4 (.173")	15°	65mm	72	2/9/110	
05400724475U	400	3.2 (.126")	4.4 (.173")	15°	75mm	72	4/15/105	Giben Prismatic-1/Starmatic

Continued on next page

S05U-Ultima Horizontal Beam Saw Blades (Continued)

Industrial #	D (mm)	PT mm (inch)	K mm (inch)	HK	d	Z	Pinholes (mm)	Machine
05400724480U	400	3.2 (.126")	4.4 (.173")	15°	80mm	72	4/9/100 + 2/14/110	Gabbiani Galaxy 115
05400724481U	400	3.2 (.126")	4.4 (.173")	15°	80mm	72	4/9/130 + 4/19/120	Selco EB110
05400844475U	400	3.2 (.126")	4.4 (.173")	15°	75mm	84	4/15/105	Giben Prismatic - 1
05420724460U	420	3.2 (.126")	4.4 (.173")	15°	60mm	72	2/10/80 + 2/14/125	Holzma Type 92
05420724860U	420	3.5 (.138")	4.8 (.189")	15°	60mm	72	2/10/80 + 2/14/125	Holzma Type 92
05430724430U	430	3.2 (.126")	4.4 (.173")	15°	30mm	72		
05430724460U	430	3.2 (.126")	4.4 (.173")	15°	60mm	72	2/11/85	Anthon CP
05430724475U	430	3.2 (.126")	4.4 (.173")	15°	75mm	72	4/15/105	Giben Prismatic - 115
05430724480U	430	3.2 (.126")	4.4 (.173")	15°	80mm	72	2/9/130 + 4/19/120	Selco EB 120
05430964475U	430	3.2 (.126")	4.4 (.173")	10°	75mm	96	4/15/105	Giben Prismatic - 115
05450604860U	450	3.5 (.138")	4.8 (.189")	15°	60mm	60	2/10/80 + 2/14/125	Holzma Type 11
05450724430U	450	3.2 (.126")	4.4 (.173")	15°	30mm	72		Panhans, Schelling AL, FL
05450724460U	450	3.2 (.126")	4.4 (.173")	15°	60mm	72	2/10/80 + 2/14/125	Holzma Type 11
05450724480U	450	3.2 (.126")	4.4 (.173")	15°	80mm	72	4/9/100 + 2/14/110	Gabbiani Galaxy 140
05450724481U	450	3.2 (.126")	4.4 (.173")	15°	80mm	72	2/9/130+ 4/19/120	Selco WN 600
05450724482U	450	3.2 (.126")	4.4 (.173")	15°	80mm	72	2/7/110+ 2/14/110	SCM Sigma 115
05450724860U	450	3.5 (.138")	4.8 (.189")	15°	60mm	72	2/10/80 + 2/14/125	Holzma Type 11
05450724880U	450	3.5 (.138")	4.8 (.189")	15°	80mm	72	2/9/130 + 4/19/120	Selco WN 600
05460724430U	460	3.2 (.126")	4.4 (.173")	15°	30mm	72	2/13/94	Schelling FL
05470724875U	470	3.5 (.138")	4.8 (.189")	15°	75mm	72	4/15/105	Giben Prismatic-3
05470964475U	470	3.2 (.126")	4.4 (.173")	12°	75mm	96	4/15/105	Giben Prismatic-3
05480724430U	480	3.2 (.126")	4.4 (.173")	15°	30mm	72		Schelling FL
05480724880U	480	3.5 (.138")	4.8 (.189")	15°	80mm	72	2/9/130 + 4/19/120	Selco WN 600
05500604430U	500	3.2 (.126")	4.4 (.173")	18°	30mm	60		Schelling FL
05500604475U	500	3.2 (.126")	4.4 (.173")	18°	75mm	60		Giben
05500604860U	500	3.5 (.138")	4.8 (.189")	18°	60mm	60	2/11/115	Holzma Type 21
05500724475U	500	3.2 (.126")	4.4 (.173")	15°	75mm	72		Giben
05500724860U	500	3.5 (.138")	4.8 (.189")	15°	60mm	72	2/11/115	Holzma Type 22
05500724875U	500	3.5 (.138")	4.8 (.189")	15°	75mm	72		Giben
05500964860U	500	3.5 (.138")	4.8 (.189")	10°	60mm	96		Holzma Type 21
05510724880U	510	3.5 (.138")	4.8 (.189")	15°	80mm	72	2/9/130 + 4/19/120	Selco
05520604860U	520	3.5 (.138")	4.8 (.189")	18°	60mm	60	2/11/115 + 2/19/120	Holzma Type 23
05520724860U	520	3.5 (.138")	4.8 (.189")	15°	60mm	72	2/11/115 + 2/19/120	Holzma Type 23
05530605030U	530	3.5 (.138")	5.0 (.197")	18°	30mm	60		Schelling AL
05550725010U	550	3.5 (.138")	5.0 (.197")	15°	100mm	72		Giben Model 17/19
05550725040U	550	3.5 (.138")	5.0 (.197")	18°	40mm	72		Schelling FT/AT
05565605010U	565	3.5 (.138")	5.0 (.197")	18°	100mm	60		Giben Model 17/19
05565725010U	565	3.5 (.138")	5.0 (.197")	15°	100mm	72		Giben Model 17/19
05570604860U	570	3.5 (.138")	4.8 (.189")	18°	60mm	60		Holzma Type 42
05570605860U	570	4.0 (.157")	5.8 (.228")	18°	60mm	60		Holzma Type 42
05600605860U	600	4.0 (.157")	5.8 (.228")	18°	60mm	60	2/11/115 + 4/19/120	Holzma Type 33, 42
05600725860U	600	4.0 (.157")	5.8 (.228")	18°	60mm	72	2/11/115 + 4/19/120	Holzma Type 33, 42
05630606240U	630	4.0 (.157")	6.2 (.244")	18°	40mm	60		Schelling
05650606010U	650	4.0 (.157")	6.0 (.236")	18°	100mm	60	2/10.5/150	Giben Model 19
05680606240U	680	4.2 (.165")	6.2 (.244")	18°	40mm	60	2/13/140	Schelling FS

S05UM–Ultimax Horizontal Beam Saw Blades



Pb Fb Lm PI

See Material Guide p6

Ultimax Vertical Beam saw blades. Made for horizontal beam panel saws. Micro grain carbide and premium grinding offer optimum tool life. Unique tooth design helps to prevent chipping on brittle laminates.

Industrial #	D mm	PT (mm)	K (mm)	HK	d	Z	Pinholes (mm)	Machine
05305604430UM	305	3.2 (.126")	4.4 (.173")	15°	30mm	60	2/10/60	Mayer
05320604465UM	320	3.2 (.126")	4.4 (.173")	15°	65mm	60	2/9/110	Selco EB80
05350724430UM	350	3.2 (.126")	4.4 (.173")	15°	30mm	72	2/10/60	Selco
05355724480UM	355	3.2 (.126")	4.4 (.173")	15°	80mm	72	2/9/130 + 4/19/120	Selco
05370724430UM	370	3.2 (.126")	4.4 (.173")	15°	30mm	72	2/10/60	Schelling FM-H
05380724860UM	380	3.5 (.138")	4.8 (.189")	15°	60mm	72	2/14/100	Holzma Type 82
05400724475UM	400	3.2 (.126")	4.4 (.173")	15°	75mm	72	4/15/105	Giben Prismatic-1/Starmatic
05400844475UM	400	3.2 (.126")	4.4 (.173")	15°	75mm	84	4/15/105	Giben Prismatic-1
05420724860UM	420	3.2 (.126")	4.8 (.189")	15°	60mm	72		Holzma
05430604480UM	430	3.2 (.126")	4.4 (.173")	15°	80mm	60	2/9/130 + 4/19/120	Selco
05430724430UM	430	3.2 (.126")	4.4 (.173")	15°	30mm	72		
05430964475UM	430	3.2 (.126")	4.4 (.173")	15°	75mm	96	4/15/105	Giben Prismatic-2
05450604430UM	450	3.2 (.126")	4.4 (.173")	15°	30mm	60	2/8.5/60	Scheer FM 22
05450604860UM	450	3.5 (.138")	4.8 (.189")	15°	60mm	60	2/14/125	Holzma Type 11
05450604880UM	450	3.5 (.138")	4.8 (.189")	15°	80mm	60	4/9/130 + 4/19/120	Selco
05450724430UM	450	3.2 (.126")	4.4 (.173")	15°	30mm	72		
05450724880UM	450	3.5 (.138")	4.8 (.189")	15°	80mm	72		Selco WN600/132
05480604830UM	480	3.5 (.138")	4.8 (.189")	15°	30mm	60		Schelling AL/FL
05480724430UM	480	3.2 (.126")	4.4 (.173")	15°	30mm	72		Schelling FL
05480724830UM	480	3.5 (.138")	4.8 (.189")	15°	30mm	72		Schelling AL/FL
05500604860UM	500	3.5 (.138")	4.8 (.189")	15°	60mm	60	2/11/115	Holzma
05500724860UM	500	3.5 (.138")	4.8 (.189")	15°	60mm	72	2/11/115	Holzma
05500725080UM	500	3.5 (.138")	5.0 (.197")	15°	80mm	72		Gabbiani, A10
05510724880UM	510	3.5 (.138")	4.8 (.189")	15°	80mm	72	2/9/130 + 4/19/120	Selco
05565605010UM	565	3.5 (.138")	5.0 (.197")	15°	100mm	60		Giben Model 69/19
05600605860UM	600	4.0 (.157")	5.8 (.228")	15°	60mm	60	2/11/115 + 2/19/120	Holzma Type 33
05600725860UM	600	4.0 (.157")	5.8 (.228")	15°	60mm	72		Holzma Type 33

Panel & Scoring Saw Reference Chart

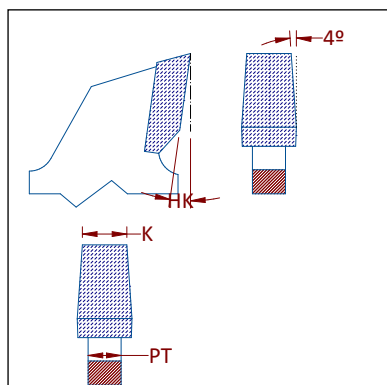
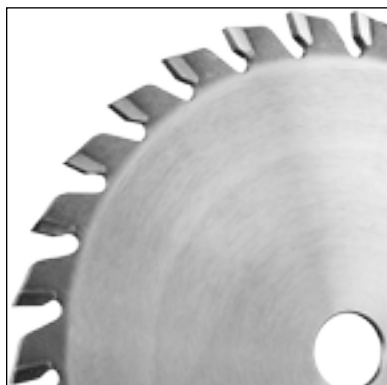
Part #	D (mm)	K (mm)	d (mm)	Z	Machine	Part #	D (mm)	K (mm)	d	Z
05400724460U	400	4.4	60	72	Anthon LN	07180304420U	180	4.4 - 5.4	20	30
05430724460U	430	4.4	60	72	Anthon CP	07180304420U	180	4.4 - 5.4	20	30
05250603230U	250	3.2	30	60	Casadei Linea	07125243220U	125	3.2 - 4.2	20	24
05350724480U	350	4.4	80	72	Gabbiani Galaxy 85	07160364455U	160	4.4 - 5.4	55	36
05400604480U	400	4.4	80	60	Gabbiani Galazy 115	07160364455U	160	4.4 - 5.4	55	36
05400724480U	400	4.4	80	72	Gabbiani Galazy 115	07160364455U	160	4.4 - 5.4	55	36
05450724480U	450	4.4	80	72	Gabbiani Galazy 140	07200364465U	200	4.4 - 5.4	65	36
05500724880U	500	4.8	80	72	Gabbiani A/10	07200364865U	200	4.8 - 5.8	65	36
05520724880U	520	4.8	80	72	Gabbiani	07160364855U	160	4.8 - 5.8	55	36
05530724880U	530	4.8	80	72	Gabbiani	07160364855U	160	4.8 - 5.8	55	36
05320724475U	320	4.4	75	72	Giben Smart	07200444450U	200	4.4 - 5.4	50	44
05355544475U	355	4.4	75	54	Giben Trend	07125244445U	125	4.4 - 5.4	45	24
05355604475U	355	4.4	75	60	Giben	07125244445U	125	4.4 - 5.4	45	24
05355724475U	355	4.4	75	72	Giben Trend	07125244445U	125	4.4 - 5.4	45	24
05365724475U	365	4.4	75	72	Giben	07125244445U	125	4.4 - 5.4	45	24
05380724450U	380	4.4	50	72	Giben Onix 105	07180444450U	180	4.4 - 5.4	50	44
05400604475U	400	4.4	75	60	Giben	07125244445U	125	4.4 - 5.4	45	24
05400724475U	400	4.4	75	72	Giben	07125244445U	125	4.4 - 5.4	45	24
05400844475U	400	4.4	75	84	Giben Prismatic-1	07160364455U	160	4.4 - 5.4	45	36
05430724475U	430	4.4	75	72	Giben Prismatic-115	07215424450U	215	4.4 - 5.4	50	42
05430964475U	430	4.4	75	96	Giben Prismatic-115	07215424450U	215	4.4 - 5.4	50	42
05470724875U	470	4.4	75	72	Giben Prismatic-3	07215424850U	215	4.8 - 5.8	50	42
05470964475U	470	4.4	75	96	Giben Prismatic-3	07215424450U	215	4.4 - 5.4	50	42
05500604475U	500	4.4	75	60	Giben	07125244445U	125	4.4 - 5.4	45	24
05500724475U	500	4.4	75	72	Giben	07125244445U	125	4.4 - 5.4	45	24
05500724875U	500	4.8	75	72	Giben	07125244845U	125	4.8 - 5.8	45	24
05550725010U	550	5.0	100	72	Giben Model 17/19	07180365055U	180	5.0 - 6.0	55	36
05565605010U	565	5.0	100	60	Giben Model 17/19	07180365055U	180	5.0 - 6.0	55	36
05565725010U	565	5.0	100	72	Giben Model 17/19	07180365055U	180	5.0 - 6.0	55	36
05380724860U	380	4.8	60	72	Holzma Type 81	07200364845U	200	4.8 - 5.8	45	36
05380724860U	380	4.8	60	72	Holzma Type 82	07180364845U	180	4.8 - 5.8	45	36
05420724460U	420	4.4	80	72	Holzma Type 92	07200364445U	200	4.4 - 5.4	45	36
05420724860U	420	4.8	60	72	Holzma Type 92	07200364845U	200	4.8 - 5.8	45	36
05450604860U	450	4.8	60	60	Holzma Type 11	07200364845U	200	4.8 - 5.8	45	36
05450724460U	450	4.4	60	72	Holzma Type 11	07200304445U	200	4.4 - 5.4	45	30
05450724860U	450	4.8	60	72	Holzma Type 11	07200364845U	200	4.8 - 5.8	45	36
05500604860U	500	4.8	60	60	Holzma Type 21	07200364845U	200	4.8 - 5.8	45	36
05500724860U	500	4.8	60	72	Holzma Type 22	07200364845U	200	4.8 - 5.8	45	36
05500964860U	500	4.8	60	96	Holzma Type 21	07200364845U	200	4.8 - 5.8	45	36
05520604860U	520	4.8	60	60	Holzma Type 23	07200364845U	200	4.8 - 5.8	45	36
05520724860U	520	4.8	60	72	Holzma Type 23	07200364845U	200	4.8 - 5.8	45	36
05540844860U	540	4.8	60	84	Holzma Type 33	07200364845U	200	4.8 - 5.8	45	36
05570604860U	570	4.8	60	60	Holzma Type 42	07200364845U	200	4.8 - 5.8	45	36

Continued on next page

Panel & Scoring Saw Reference Chart (Continued)

Part #	D (mm)	K (mm)	d (mm)	Z	Machine	Part #	D (mm)	K (mm)	d	Z
05570605860U	570	5.8	60	60	Holzma Type 42	07200364845U	200	4.8 - 5.8	45	36
05600605860U	600	5.8	60	60	Holzma Type 33, 42	07200364845U	200	4.8 - 5.8	45	36
05600725860U	600	5.8	60	72	Holzma Type 33, 42	07200364845U	200	4.8 - 5.8	45	36
05670605860U	670	5.8	60	60	Holzma Type 61	07200364845U	200	4.8 - 5.8	45	36
05670725860U	670	5.8	60	72	Holzma Type 61	07200364845U	200	4.8 - 5.8	45	36
05240543230U	240	3.2	30	54	Scheer FM10	07180423216U	180	3.2 - 4.2	16	42
05350724430U	350	4.4	30	72	Schelling FXH	07300484420U	300	4.4 - 5.4	20	48
05370724430U	370	4.4	30	72	Schelling FM	07200364420U	200	4.4 - 5.4	20	36
05400604430U	400	4.4	30	60	Schelling AW, FW	07150244420U	150	4.4 - 5.4	20	24
05400724430U	400	4.4	30	72	Schelling AW, FW	07150244420U	150	4.4 - 5.4	20	24
05450724430U	450	4.4	30	72	Schelling AL, FL	07200364420U	200	4.4 - 5.4	20	36
05480724430U	480	4.4	30	72	Schelling AL, FL	07200364420U	200	4.4 - 5.4	20	36
05500604430U	500	4.4	30	60	Schelling FW	07180364420U	180	4.4 - 5.4	20	36
05530605030U	530	5	30	60	Schelling AL	07200365020U	200	5 - 6	20	36
05550605040U	550	5	40	60	Schelling FT/AT	07200365020U	200	5 - 6	20	36
05580605540U	580	5.5	40	60	Schelling AT	07200365520U	200	5.5 - 6.5	20	36
05630606240U	630	6.2	40	60	Schelling	07200366220U	200	6.2 - 7.2	20	36
05650726240U	650	6.2	40	72	Schelling FS,AS	07200366220U	200	6.2 - 7.2	20	36
05670726040U	670	6	40	72	Schelling FS	07200366020U	200	6 - 7	20	36
05680606240U	680	6.2	40	60	Schelling FS	0720036220U	200	6.2 - 7.2	20	36
05350724481U	350	4.4	80	72	SCM Prima 90	07160364455U	160	4.4 - 5.4	55	36
05355724430U	355	4.4	30	72	SCM	07160364455U	160	4.4 - 5.4	55	36
05400724482U	400	4.4	80	72	SCM Sigma 115	07160364455U	160	4.4 - 5.4	55	36
05355724411U	355	4.4	1-1/4"	72	SCMI	07150244411U	150	4.4 - 5.4	1-1/4"	24
05320604465U	320	4.4	65	60	Selco EB80	07200364465U	200	4.4 - 5.4	65	36
05355724480U	355	4.4	80	72	Selco EB90	07200364465U	200	4.4 - 5.4	65	36
05360724465U	360	4.4	65	72	Selco EB100	07200364465U	200	4.4 - 5.4	65	36
05400724481U	400	4.4	80	72	Selco EB100	07200364465U	200	4.4 - 5.4	65	36
05430724481U	430	4.4	80	72	Selco EB120	07200364465U	200	4.4 - 5.4	65	36
05450724481U	450	4.4	80	72	Selco WN 600/132	07200364465U	200	4.4 - 5.4	65	36
05450724881U	450	4.8	80	72	Selco WN 600/132	07200364865U	200	4.8 - 5.8	65	36
05480724880U	480	4.8	80	72	Selco WN 600/145	07200364865U	200	4.8 - 5.8	65	36

S07U-Ultima Tapered Scoring Saw Blades



Pb Fb Lm PI

See Material Guide p6

Ultima tapered scoring saw for sliding table saws. For use on sliding table saws, kerf of scoring unit is adjusted by moving the saw deeper into the material. Micrograin carbide and premium grinding provide optimum tool life.

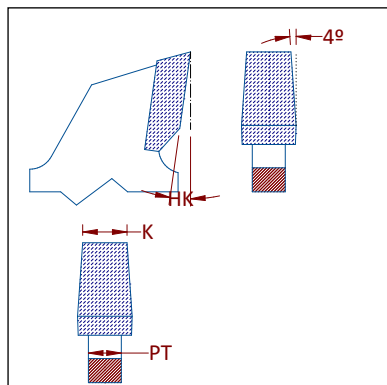
Industrial #	D mm	PT mm (inch)	K mm (inch)	HK	d	Z	Pinholes (mm)	Machine
07125243220U	125	2.2 (.087")	3.2 (.126") - 4.2 (.165")	8°	20mm	24		Casadei Linea
07125244420U	125	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	20mm	24		Panhans
07125244422U	125	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	22mm	24		Martin
07125244445U	125	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	45mm	24		Giben
07125244845U	125	3.5 (.138")	4.8 (.189") - 5.8 (.228")	8°	45mm	24		Giben
07127244445U	127	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	45mm	24		Giben
07140244445U	140	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	45mm	24		Euromac
07140323216U	140	2.2 (.087")	3.2 (.126") - 4.2 (.165")	8°	16mm	32	1/6/33	Scheer
07150244411U	150	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	1-1/4"	24		SCMI
07150244420U	150	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	20mm	24		Schelling
07150244430U	150	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	30mm	24		Mayer
07150364411U	150	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	1-1/4"	36		SCMI
07150364430U	150	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	30mm	36		SCM
07150364455U	150	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	55mm	36	3/7/66	Gabbiani
07160284445U	160	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	45mm	28	3/11/70	Giben Prismatic
07160364455U	160	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	55mm	36	3/7/66	Gabbiani, SCM
07160364855U	160	3.5 (.138")	4.8 (.189") - 5.8 (.228")	8°	55mm	36	3/7/66	Gabbiani
07175284445U	175	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	45mm	28		Holzma
07175364845U	175	3.5 (.138")	4.8 (.189") - 5.8 (.228")	8°	45mm	36		Holzma
07180304420U	180	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	20mm	30		Schelling-Anthon
07180304430U	180	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	30mm	30	2/10/60	
07180304445U	180	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	45mm	30		Schelling-Anthon
07180364430U	180	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	30mm	36		Panhans
07180364445U	180	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	45mm	36		Holzma, HPP 350
07180364845U	180	3.5 (.138")	4.8 (.189") - 5.8 (.228")	8°	45mm	36		Holzma Type 82
07180365055U	180	3.5 (.138")	5.0 (.197") - 6.0 (.236")	8°	55mm	36		Giben
07180423216U	180	2.2 (.087")	3.2 (.126") - 4.2 (.165")	8°	16mm	42	1/6/33	Scheer FM
07180444450U	180	3.2 (.126")	4.4 (.173") - 5.4 (.213")	12°	50mm	44	3/12.5/80	Giben Onix
07200364420U	200	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	20mm	36		Schelling
07200364430U	200	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	30mm	36	2/10/60	Scheer FM

Continued on next page

S07U–Ultima Tapered Scoring Saws (Continued)

Industrial #	D mm	PT mm (inch)	K mm (inch)	HK	d	Z	Pinholes (mm)	Machine
07200364445U	200	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	45mm	36		Holzma
07200364465U	200	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	65mm	36	2/9/100 + 2/9/100	Selco EB85+EB100
07200364820U	200	3.5 (.138")	4.8 (.189") - 5.8 (.228")	8°	20mm	36		Schelling
07200364845U	200	3.5 (.138")	4.8 (.189") - 5.8 (.228")	8°	45mm	36		Holzma
07200364865U	200	3.5 (.138")	4.8 (.189") - 5.8 (.228")	8°	65mm	36	2/9/100 + 2/9/100	Selco
<i>07200365020U</i>	200	3.5 (.138")	5.0 (.197") - 6.0 (.236")	8°	20mm	36		Schelling
07200365845U	200	4.0 (.157")	5.8 (.228") - 6.8 (.268")	8°	45mm	36		Holzma
<i>07200366220U</i>	200	4.0 (.157")	6.2 (.244") - 7.2 (.283")	8°	20mm	36		Schelling
<i>07200444450U</i>	200	3.2 (.126")	4.4 (.173") - 5.4 (.213")	12°	50mm	44	3/13/80	Giben Smart
07215424850U-ATB	215	3.5 (.138")	4.8 (.189") - 5.8 (.228")	8°	50mm	42	3/15/80	Giben Prismatic
07215424450U	215	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	50mm	42	3/15/80	Giben Prismatic
07300484420U	300	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	20mm	48		Schelling FXH
07300484430U	300	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	30mm	48		
<i>07300484450U</i>	300	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	50mm	48	3/15/80	Giben Prismatic
07300484465U	300	3.2 (.126")	4.4 (.173") - 5.4 (.213")	8°	65mm	48	2/9/100 + 2/9/110	Selco
<i>07320484845U</i>	320	3.5 (.138")	4.8 (.189") - 5.8 (.228")	8°	45mm	48		Holzma

S07-Tapered Scoring Saw Blades



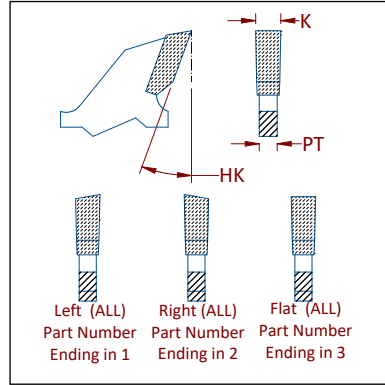
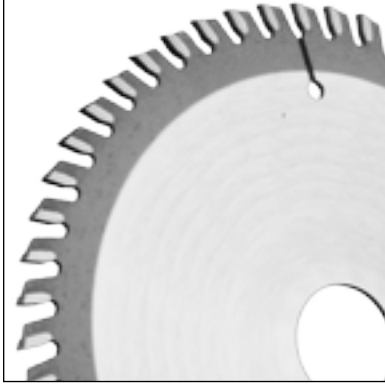
Pb Fb Lm PI

See Material Guide p6

Industrial tapered scoring saw for sliding table saws. Kerf of scoring unit is adjusted by moving the saw deeper into the material.

Industrial #	D	PT	K	HK	d	Z
07080163220	80mm	2.2mm (.087")	3.1mm (.122") - 4.1mm (.161")	8°	20mm	16
07100243210	100mm	2.2mm (.087")	3.1mm (.122") - 4.1mm (.161")	8°	1"	24
07100243520	100mm	2.5mm (.098")	3.4mm (.134") - 4.4mm (.173")	8°	20mm	24
07100244020	100mm	3.0mm (.118")	3.9mm (.154") - 4.9mm (.193")	8°	20mm	24
07110243520	110mm	2.5mm (.098")	3.4mm (.134") - 4.4mm (.173")	8°	20mm	24
<i>07110244020</i>	110mm	3.0mm (.118")	3.9mm (.154") - 4.9mm (.193")	8°	20mm	24
07115243520	115mm	2.5mm (.098")	3.4mm (.134") - 4.4mm (.173")	8°	20mm	24
<i>07115244020</i>	115mm	3.0mm (.118")	3.9mm (.154") - 4.9mm (.193")	8°	20mm	24
07120243520	120mm	2.5mm (.098")	3.4mm (.134") - 4.4mm (.173")	8°	20mm	24
07120243534	120mm	2.5mm (.098")	3.4mm (.134") - 4.4mm (.173")	8°	3/4"	24
<i>07120244020</i>	120mm	3.0mm (.118")	3.9mm (.154") - 4.9mm (.193")	8°	20mm	24
07120244034	120mm	3.0mm (.118")	3.9mm (.154") - 4.9mm (.193")	8°	3/4"	24
07125243520	125mm	2.5mm (.098")	3.4mm (.134") - 4.4mm (.173")	8°	20mm	24
07125243522	125mm	2.5mm (.098")	3.4mm (.134") - 4.4mm (.173")	8°	22mm	24
07125243534	125mm	2.5mm (.098")	3.4mm (.134") - 4.4mm (.173")	8°	3/4"	24
<i>07125244020</i>	125mm	3.0mm (.118")	3.9mm (.154") - 4.9mm (.193")	8°	20mm	24
07150243520	150mm	2.5mm (.098")	3.4mm (.134") - 4.4mm (.173")	8°	20mm	24
<i>07150244020</i>	150mm	3.0mm (.118")	3.9mm (.154") - 4.9mm (.193")	8°	20mm	24

S08–Universal Scoring Saw Blades



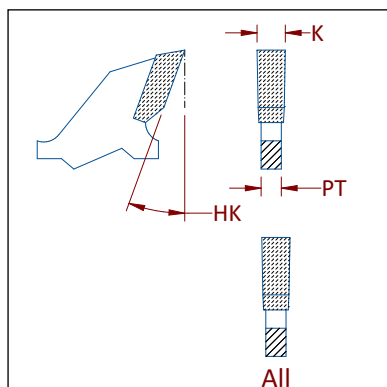
Pb Fb Lm PI

See Material Guide p6

Universal scoring saws. Used on double end tenoning machines for scoring laminates and veneers to prevent chipping on bottom of the cut.

Industrial #	D	PT	K	HK	d	Z	Tooth
08150301	150mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	30	Left
08150302	150mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	30	Right
08150303	150mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	30	Flat
08150303-40B	150mm	2.2mm (.087")	3.2mm (.126")	10°	40mm	30	Flat
08150481	150mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	48	Left
08150482	150mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	48	Right
08150483	150mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	48	Flat
08150483-60B	150mm	2.2mm (.087")	3.2mm (.126")	10°	60mm	48	Flat
08180361	180mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	36	Left
08180362	180mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	36	Right
08180541	180mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	54	Left
08180542	180mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	54	Right
08180543	180mm	2.2mm (.087")	3.2mm (.126")	10°	30mm	54	Flat
08200481	8"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	48	Left
08200482	8"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	48	Right
08200483	8"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	48	Flat
08200601	8"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	60	Left
08200602	8"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	60	Right
08200603	8"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	60	Flat

S09–Metric Anti Kickback Ripsaw



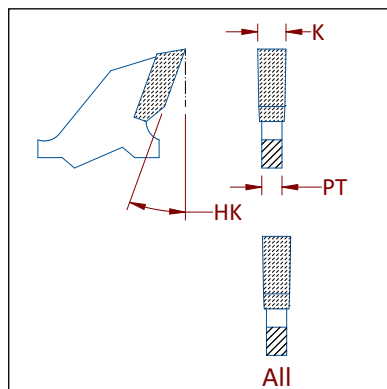
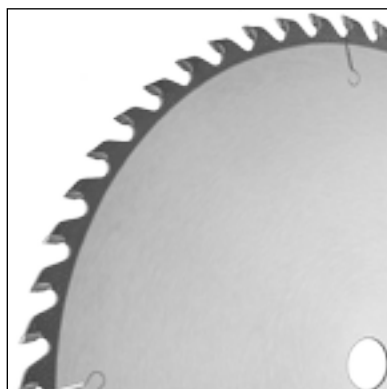
Hw Sw PI

See Material Guide p6

General saw blade for ripping soft and hard woods. Used on table, single line, and gang ripsaws. Anti Kickback shoulder prevents kickback of material when being fed.

Industrial #	D	PT	K	HK	d	Z	KW
09250240	250mm	2.2mm (.087")	3.2mm (.126")	20°	5/8"	24	
09250247	250mm	2.2mm (.087")	3.2mm (.126")	20°	70mm	24	2-20mm x 5mm
09300281	300mm	2.2mm (.087")	3.2mm (.126")	20°	1"	28	
09300287	300mm	2.2mm (.087")	3.2mm (.126")	20°	70mm	28	2-20mm x 5mm
09350321	350mm	2.5mm (.098")	3.5mm (.138")	20°	1"	32	
09350327	350mm	2.5mm (.098")	3.5mm (.138")	20°	70mm	32	2-20mm x 5mm
09400361	400mm	2.8mm (.110")	3.8mm (.150")	20°	1"	36	
09450401	450mm	2.8mm (.110")	4.0mm (.157")	20°	1"	40	
09500441	500mm	3.0mm (.118")	4.2mm (.165")	20°	1"	44	

S10TK–Thin Kerf Rip Saw Blades



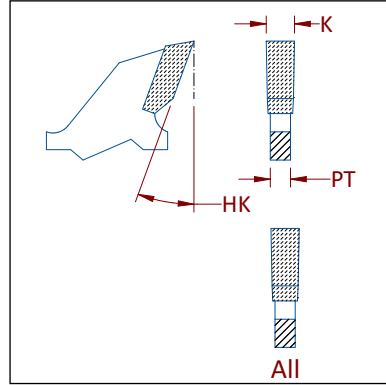
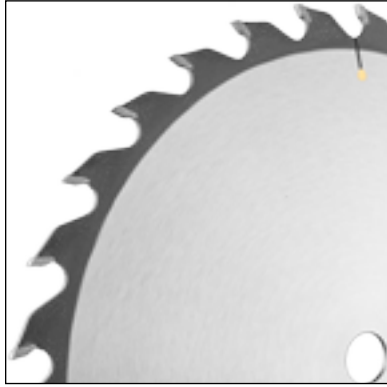
Pb PI Fb Hw Sw

See Material Guide p6

General saw blade for ripping soft and hard woods. Used on table, single line, and gang ripsaws. Thin kerf for more yield on wood, as well as reduced horsepower required to cut.

Industrial #	D	PT	K	HK	d	Z
10080340TK	8"	1.6mm (.063")	2.4mm (.095")	15°	5/8"	34
10100400TK	10"	1.6mm (.063")	2.4mm (.095")	15°	5/8"	40
10120481TK	12"	1.8mm (.071")	2.6mm (.102")	15°	1"	48
10140541TK	14"	1.8mm (.071")	2.6mm (.102")	15°	1"	54

S10 – Standard Rip Saw Blades



Hw Sw PI

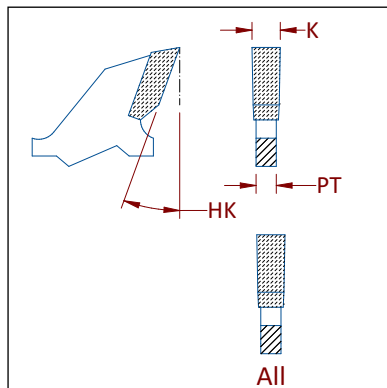
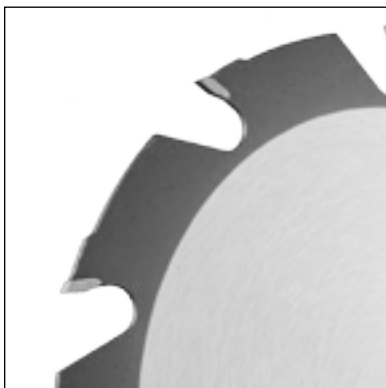
See Material Guide p6

General saw blade for ripping soft and hard wood. Used on table, single line, and gang rip saws.

Industrial #	Ultima #	D	PT	K	HK	d	Z	Keyways mm	Pinholes mm
10070184		7"	2.2mm (.087")	3.4mm (.134")	15°	40mm	18		
10080240		8"	2.2mm (.087")	3.4mm (.134")	15°	5/8"	24		
10090240		9"	2.2mm (.087")	3.4mm (.134")	20°	5/8"	24		
10100240	10100240U	10"	2.4mm (.094")	3.6mm (.142")	20°	5/8"	24		
10100247		10"	2.4mm (.094")	3.6mm (.142")	20°	70mm	24	2 - 20 x 5	
10120241	10120241U	12"	2.8mm (.110")	4.0mm (.157")	20°	1"	24		
10120247		12"	2.8mm (.110")	4.0mm (.157")	20°	70mm	24	2 - 20 x 5	
10120301	10120301U	12"	2.8mm (.110")	4.0mm (.157")	20°	1"	30		
10120307		12"	2.8mm (.110")	4.0mm (.157")	20°	70mm	30	2 - 20 x 5	
10140241		14"	3.0mm (.118")	4.3mm (.169")	20°	1"	24		
10140301	10140301U	14"	3.0mm (.118")	4.3mm (.169")	20°	1"	30		
10140307		14"	3.0mm (.118")	4.3mm (.169")	20°	70mm	30	2 - 20 x 5	
10140361		14"	3.0mm (.118")	4.3mm (.169")	20°	1"	36		
10160301		16"	3.0mm (.118")	4.3mm (.169")	20°	1"	30		
10160361		16"	3.0mm (.118")	4.3mm (.169")	20°	1"	36		
10180361		18"	3.4mm (.134")	4.7mm (.185")	20°	1"	36		
10300288*	10300288U*	300mm	2.2mm (.087")	3.4mm (.134")	20°	80mm	28	Raimann	Raimann

Raimann = 2 keyways 3.5mm x 13.5mm, 2 pinholes 13mm on 100mm BC and 4 pinholes 6.5mm on a 95mm BC

S11 – Easy Cut Rip Saw Blades



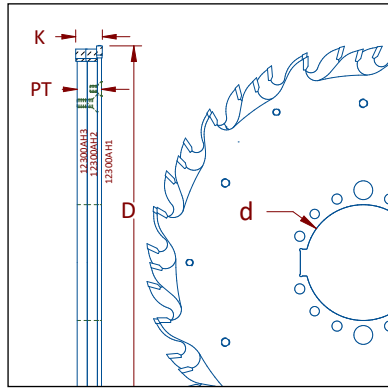
Hw Sw

See Material Guide p6

Easy cut rip saws for ripping wood in rough lumber applications. Suitable for high speed ripping in wet lumber applications.

Industrial #	D	PT	K	HK	d	Z
11070104	7"	2.2mm (.087")	3.5mm (.138")	20°	40mm	10
11080100	8"	2.2mm (.087")	3.5mm (.138")	20°	5/8"	10
11090100	9"	2.2mm (.087")	3.5mm (.138")	20°	5/8"	10
11100100	10"	2.2mm (.087")	3.5mm (.138")	20°	5/8"	10
11120121	12"	2.6mm (.102")	3.9mm (.154")	20°	1"	12
11140141	14"	3.0mm (.118")	4.3mm (.169")	20°	1"	14
11160161	16"	3.0mm (.118")	4.3mm (.169")	20°	1"	16

S12H-Rip Saw Hogging Units



Hw Sw Fb

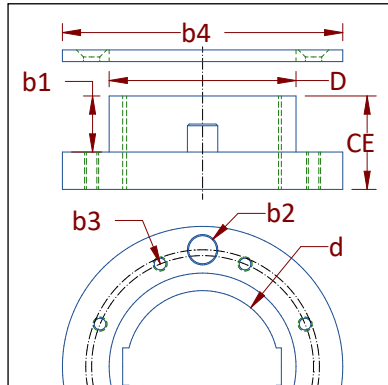
See Material Guide p6

Industrial Hogger units gang rip saws. Hogger units remove waste material to avoid long strips of wood, and enable the dust collector to take chips away. Impact resistant grade of carbide used to withstand demanding applications. Unique tooth design provides smooth finish on edge for Glue Joints.

Industrial #	Description	D	PT mm (inch)	K mm (inch)	HK	d	Z	Keyway + Pinholes
12300A01	Entire Assembly	300mm	18.4mm	16.8mm	-	80mm	12+12+36	Raimann
12300AH1	Replacement Blade	300mm	2.8mm	4mm	20°	80mm	36	Raimann
12300AH2	Replacement Hogger	295mm	7mm	8mm	15°	80mm	12	Raimann
12300AH3	Replacement Hogger	295mm	7mm	8mm	15°	80mm	12	Raimann

Raimann = 2 keyways 3.5mm x 13.5mm, 2 pinholes 13mm on 100mm BC and 4 pinholes 6.5mm on a 95mm BC

S12H-Hogging Flange



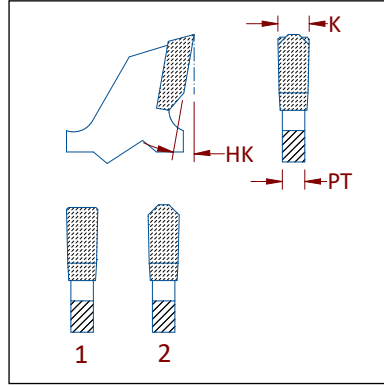
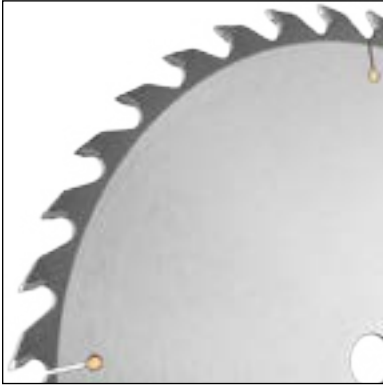
Hw Sw Fb

See Material Guide p6

Steel flange for Raimann hogger.

Industrial #	D	d	b1	b2	b3	b4	CE
12300AH5	80mm	65mm	24mm	2/13mm/100mm	8/M6/95mm	120mm	40mm

S12–Glue Joint Rip Saw Blades



Hw Hw

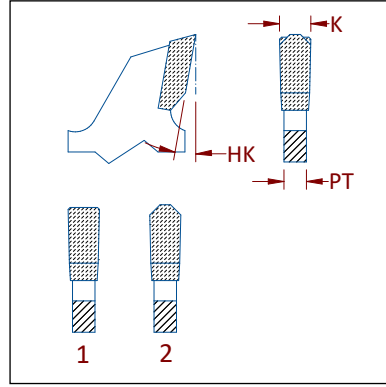
See Material Guide p6

Industrial rip saw blade for single line and gang rip saws. Impact resistant grade of carbide used to withstand demanding applications. Unique tooth design to produce smooth finish for Glue Joints.

Industrial #	Ultima #	D	PT mm (inch)	K mm (inch)	HK	d	Z	Keyway	Pinholes
12080240		8"	2.2 (.087")	3.4 (.134")	15°	5/8"	24		
12090240		9"	2.2 (.087")	3.4 (.134")	20°	5/8"	24		
12100240	12100240U	10"	2.4 (.094")	3.6 (.142")	20°	5/8"	24		
12100300		10"	2.4 (.094")	3.6 (.142")	20°	5/8"	30		
12100423	12100423U	10"	2.2 (.087")	3.2 (.126")	20°	3-1/8"	42		
12120361	12120361U	12"	2.8 (.110")	4.0 (.157")	20°	1"	36		
12120362	12120362U	12"	2.8 (.110")	4.0 (.157")	20°	2"	36		Diehl
12120363	12120363U	12"	2.8 (.110")	4.0 (.157")	20°	3-1/8"	36	Mereen-Johnson	
12120367	12120367U	12"	2.8 (.110")	4.0 (.157")	20°	70mm	36	SCM	
12140361	12140361U	14"	3.0 (.118")	4.3 (.169")	20°	1"	36		
12140362	12140362U	14"	3.0 (.118")	4.3 (.169")	20°	2"	36		Diehl
12140363	12140363U	14"	3.0 (.118")	4.3 (.169")	20°	3-1/8"	36	Mereen-Johnson	
12140367	12140367U	14"	3.0 (.118")	4.3 (.169")	20°	70mm	36	SCM	
12160361		16"	3.0 (.118")	4.3 (.169")	20°	1"	36		
12300283		300mm	4.0 (.157")	2.8 (.110")	20°				
12300288	12300288U	300mm	2.8 (.110")	4.0 (.157")	20°	80mm	28	Raimann	Raimann
12300363		300mm	2.8 (.110")	4.0 (.157")	20°	30mm	36	Sliding Table Saws	
12300368	12300368U	300mm	2.8 (.110")	4.0 (.157")	20°	80mm	36	Raimann	Raimann
12300488	12300488U	300mm	2.8 (.110")	4.0 (.157")	20°	80mm	48	Raimann	Raimann
12330288	12330288U	330mm	2.8 (.110")	4.0 (.157")	20°	80mm	28	Raimann	Raimann
12360368	12360368U	360mm	3.0 (.118")	4.3 (.169")	20°	80mm	36	Raimann	Raimann

Raimann = 2 keyways 3.5mm x 13.5mm, 2 pinholes 13mm on 100mm BC and 4 pinholes 6.5mm on a 95mm BC
 Diehl = 1 pinhole 9/16" on a 5" BC | Mereen-Johnson = 1 keyway 1/4" x 1/4" | Sliding Table Saws = Teardrop
 pinholes 2/10/60, 2/9/46.35 and 2/7/42

S12TK–Thin Kerf Glue Joint Saw Blades



Hw Hw

See Material Guide p6

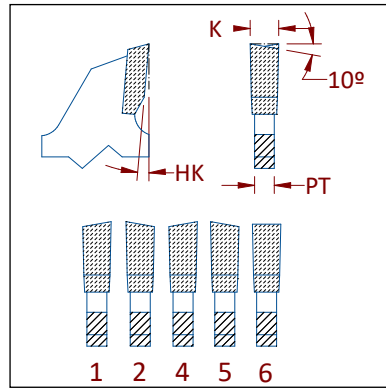
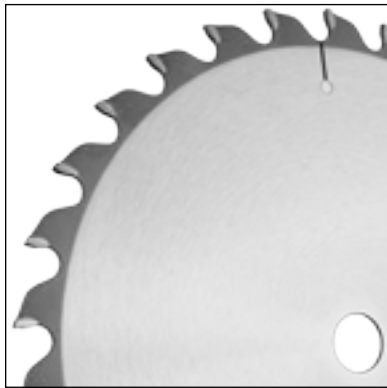
Industrial thin kerf rip saw blade for single line and gang rip saws. Thin kerf saws increase lumber yields on gang saws and require less horsepower to cut. Unique tooth design to produce smooth finish for Glue Joints.

Industrial #	Ultima #	D	PT mm (inch)	K mm (inch)	HK	d	Z	Keyway	Pinholes
12120361TK	12120361U-TK	12"	2.2 (.087")	3.2 (.126")	20°	1"	36		
12120363TK	12120363U-TK	12"	2.2 (.087")	3.2 (.126")	20°	3-1/8"	36	Mereen-Johnson	
12120427TK	12120427U-TK	12"	2.2 (.087")	3.2 (.126")	20°	70mm	42		
12120429TK	12120429U-TK	12"	2.0 (.079")	2.8 (.110")	20°	90mm	42		
12300288TK	12300288U-TK	300mm	2.0 (.079")	2.8 (.110")	20°	80mm	28	Raimann	Raimann
12300368TK	12300368U-TK	300mm	2.0 (.079")	2.8 (.110")	20°	80mm	36	Raimann	Raimann
12300488TK	12300488U-TK	300mm	2.0 (.079")	2.8 (.110")	20°	80mm	48	Raimann	Raimann

Raimann = 2 keyways 3.5mm x 13.5mm, 2 pinholes 13mm on 100mm BC and 4 pinholes 6.5mm on a 95mm BC

Mereen-Johnson = 1 keyway 1/4" x 1/4"

S13–Radial Arm Saw Blades



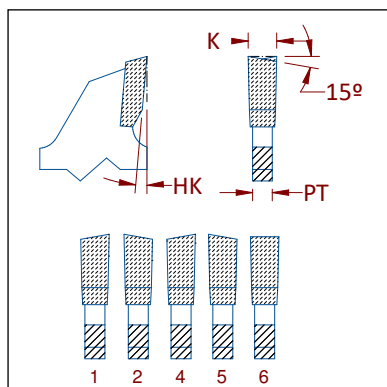
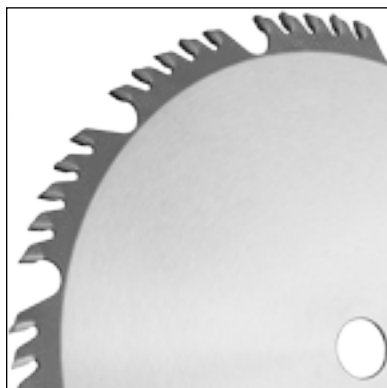
Hw Sw

See Material Guide p6

Industrial radial arm saw blades. For cross cutting hardwood and softwood on radial arm saws.

Industrial #	Ultima #	D	PT	K	HK	d	Z
13100240	13100240U	10"	2.4mm (.094")	3.6mm (.142")	0°	5/8"	24
13120301	13120301U	12"	2.8mm (.110")	4.0mm (.157")	0°	1"	30
13140361	13140361U	14"	3.0mm (.118")	4.2mm (.165")	0°	1"	36
13160401		16"	3.0mm (.118")	4.2mm (.165")	0°	1"	40

S14–Combination Saw Blades



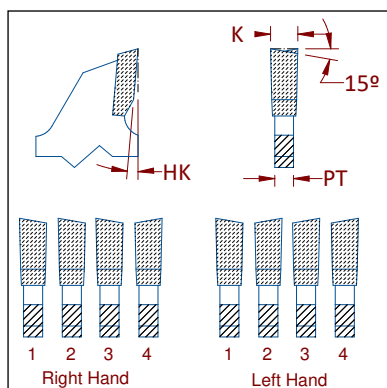
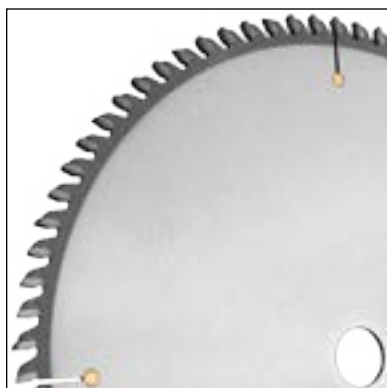
Hw Sw Fb PI

See Material Guide p6

Industrial combination saw blades. For all around general purpose. Will rip and cross cut solid wood as well as cut panel materials.

Industrial #	Ultima #	D	PT	K	HK	d	Z
14100500	14100500U	10"	2.4mm (.094")	3.6mm (.142")	15°	5/8"	50
14120601	14120601U	12"	2.8mm (.110")	4.0mm (.157")	15°	1"	60
14140701	14140701U	14"	3.0mm (.118")	4.2mm (.165")	15°	1"	70
14160801		16"	3.0mm (.118")	4.2mm (.165")	15°	1"	80
14180901		18"	3.4mm (.134")	4.6mm (.181")	15°	1"	90

S15– Double End Trim Saw Blades



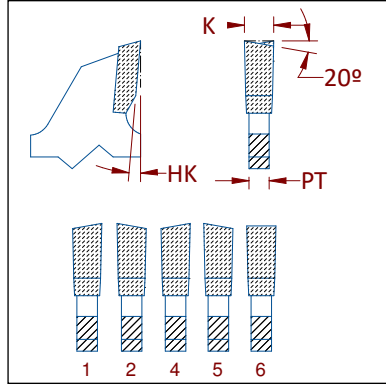
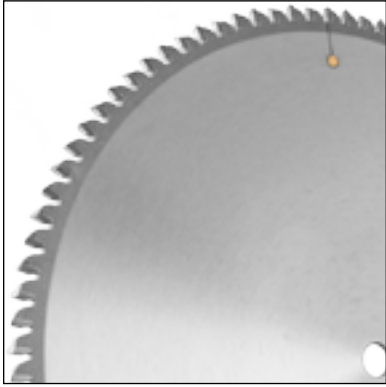
Hw Sw Fb PI

See Material Guide p6

Industrial double end trim saws. Designed for finish trim cuts on solid wood when tear out is a concern. 3 in 1 grind provides 3 times as many tips cutting on the finished edge for superior finish quality on 1 side of the cut.

Industrial #	Ultima #	D	PT	K	HK	d	Z
15100600L	15100600UL	10"	2.8mm (.110")	4.0mm (.157")	5°	5/8"	60
15100600R	15100600UR	10"	2.8mm (.110")	4.0mm (.157")	5°	5/8"	60
15120801L	15120801UL	12"	3.0mm (.118")	4.2mm (.165")	5°	1"	80
15120801R	15120801UR	12"	3.0mm (.118")	4.2mm (.165")	5°	1"	80
15140801L	15140801UL	14"	3.4mm (.134")	4.6mm (.181")	5°	1"	80
15140801R	15140801UR	14"	3.4mm (.134")	4.6mm (.181")	5°	1"	80
15141001L	15141001UL	14"	3.4mm (.134")	4.6mm (.181")	5°	1"	100
15141001R	15141001UR	14"	3.4mm (.134")	4.6mm (.181")	5°	1"	100
15161001L		16"	3.4mm (.134")	4.6mm (.181")	5°	1"	100
15161001R		16"	3.4mm (.134")	4.6mm (.181")	5°	1"	100

S16-Mitre Joint Saw Blades



Hw Sw Fb PI

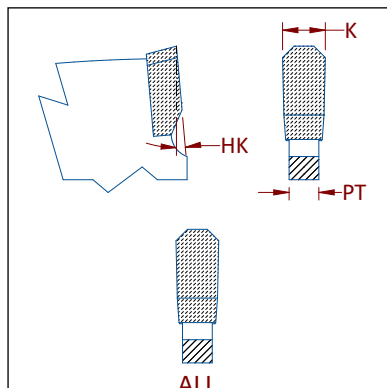
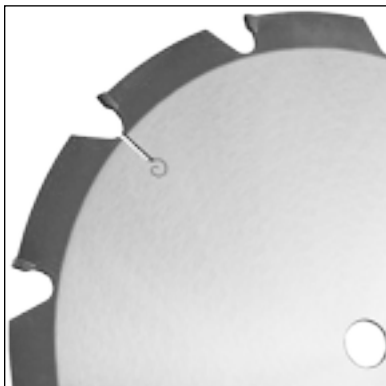
See Material Guide p6

Industrial mitre joint saw blades. For smooth trim cuts on mitre saws. Good for mouldings, trim, picture frames and crown mouldings.

Industrial #	Ultima #	D	PT	K	HK	d	Z
16080600		8"	2.2mm (.087")	3.2mm (.126")	-5°	5/8"	60
16084600-NEG		8.25"	2.2mm (.087")	3.2mm (.126")	-5°	5/8"	60
16085240*		8.5"	2.2mm (.087")	3.2mm (.126")	-15°	5/8"	24
16085480*		8.5"	2.2mm (.087")	3.2mm (.126")	-15°	5/8"	48
16085600		8.5"	2.2mm (.087")	3.2mm (.126")	-5°	5/8"	60
16090600		9"	2.2mm (.087")	3.2mm (.126")	-5°	5/8"	60
16100600		10"	2.2mm (.087")	3.2mm (.126")	-5°	5/8"	60
16100800-N (4+1)	16100800U	10"	2.2mm (.087")	2.8mm (.110")	-5°	5/8"	80
16101000		10"	2.2mm (.087")	2.8mm (.110")	-5°	5/8"	100
16120800		12"	2.5mm (.098")	3.2mm (.126")	-5°	5/8"	80
16120801		12"	2.5mm (.098")	3.5mm (.138")	-5°	1"	80
16121000	16121000U	12"	2.5mm (.098")	3.2mm (.126")	-5°	5/8"	100
16121001	16121001U	12"	2.5mm (.098")	3.2mm (.126")	-5°	1"	100
16131003		13"	2.8mm (.110")	3.8mm (.150")	-5°	30mm	100
16141000		14"	3.2mm (.126")	3.8mm (.150")	-5°	5/8"	100
16141001		14"	2.5mm (.098")	3.5mm (.138")	-5°	1"	100
16151001		15"	2.8mm (.110")	3.8mm (.150")	-5°	1"	100

* Standard Alternate top bevel grind, no raker

S17-Rescue Saw Blades



Sw Hw PI

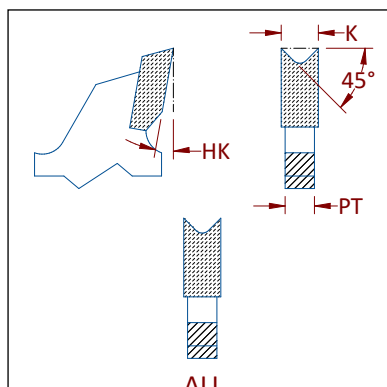
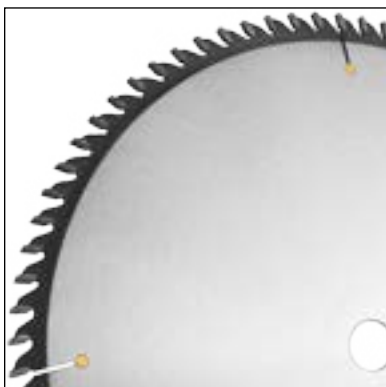
See Material Guide p6

Industrial rescue emergency saw blades. Designed for use in gas powered saws for demolition of buildings, or cutting up old pallets. Can run on portable saws such as Homelite, Stihl, Partner, Hoffco, Neilson, McCullough & others.

NOTE: Due to the rough nature these blades are used in they are not guaranteed.

Industrial #	D	PT	K	HK	d	Z
17120122	12"	2.6mm (.102")	3.9mm (.154")	-5°	20mm	12
17120242	12"	2.8mm (.110")	4.1mm (.161")	-5°	20mm	24
17140241	14"	3.0mm (.118")	4.3mm (.169")	-5°	1"	24

S18-"V" Top Saw Blades



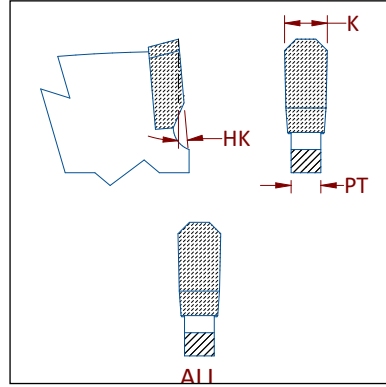
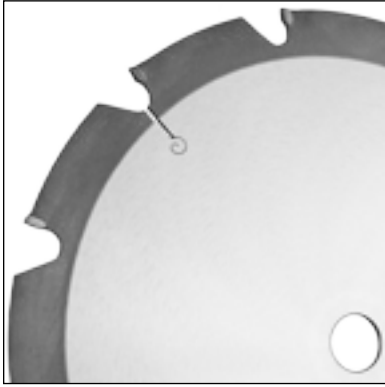
Hw Sw

See Material Guide p6

V-top saws for mitre cuts and optimizer saws. Extremely sharp tops provide exceptional cross cuts on mitre saws and optimizer saws.

Industrial #	D	PT	K	HK	d	Z
<i>18120601</i>	12"	2.5mm (.098")	3.5mm (.138")	10°	1"	60
<i>18140601</i>	14"	2.5mm (.098")	3.5mm (.138")	10°	1"	60
18140801	14"	2.5mm (.098")	3.5mm (.138")	10°	1"	80
<i>18160801</i>	16"	3.0mm (.118")	4.0mm (.157")	10°	1"	80
18161001	16"	3.0mm (.118")	4.0mm (.157")	10°	1"	100
18181001	18"	3.4mm (.134")	4.6mm (.181")	10°	1"	100
18181201	18"	3.4mm (.134")	4.6mm (.181")	10°	1"	120

S19–Nail Biter Saw Blades



Sw Hw PI

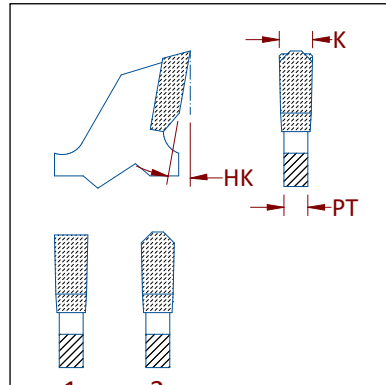
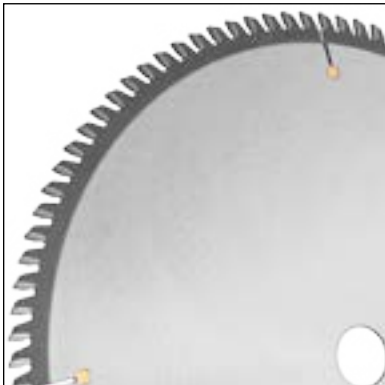
See Material Guide p6

Industrial nail biter saw blades. Designed for use in gas powered saws for demolition of buildings, or cutting up old pallets. Can run on portable saws such as Homelite, Stihl, Partner, Hoffco, Neilson, Mccullough & others.

NOTE: Due to the rough nature these blades are used in, they are not guaranteed.

Industrial #	D	PT	K	HK	d	Z
19100100	10"	2.4mm (.094")	3.6mm (.142")	-5°	5/8"	10
19100240	10"	2.4mm (.094")	4.0mm (.157")	0°	5/8"	24
19120121	12"	2.6mm (.102")	3.8mm (.150")	-5°	1"	12
19120241	12"	2.8mm (.110")	4.0mm (.173")	-5°	1"	24
19140141	14"	3.0mm (.118")	4.3mm (.169")	-5°	1"	14
19140241	14"	3.0mm (.118")	4.6mm (.181")	0°	1"	24
19160161	16"	3.0mm (.118")	4.3mm (.169")	-5°	1"	16
19160301	16"	3.4mm (.134")	5.0mm (.197")	0°	1"	30
19160401	16"	3.0mm (.118")	4.3mm (.169")	-5°	1"	40
19180361	18"	3.4mm (.134")	4.8mm (.189")	-5°	1"	36

S20TK–Thin Kerf TCG Saw Blades



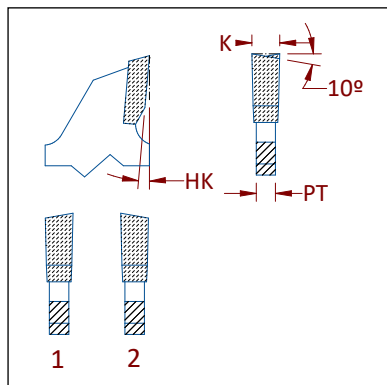
Hp Sp PI Pb

See Material Guide p6

Industrial thin kerf saws. Used on hard plastics such as acrylics and vinyl extrusion. Thin kerf saves material and requires less horsepower to cut.

Industrial #	D	PT	K	HK	d	Z
20080600TK	8"	1.6mm (.063")	2.2mm (.087")	5°	1"	60
20100800TK	10"	1.6mm (.063")	2.2mm (.087")	5°	1"	80
20101000TK	10"	1.6mm (.063")	2.2mm (.087")	5°	1"	100
20121001TK	12"	1.6mm (.063")	2.2mm (.087")	5°	1"	100
20141201TK	14"	1.8mm (.071")	2.4mm (.094")	5°	1"	120

S21TK–Thin Kerf ATB Saw Blades



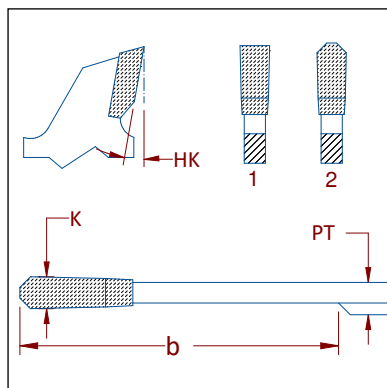
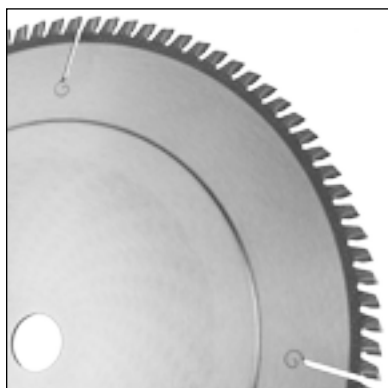
PI Hw Pb

See Material Guide p6

Industrial thin kerf saws. Used on solid wood veneered plywood, thin kerf saves material and requires less horsepower to cut.

Industrial #	D	PT	K	HK	d	Z
21080600TK	8"	1.6mm (.063")	2.2mm (.087")	5°	1"	60
21100800TK	10"	1.6mm (.063")	2.2mm (.087")	5°	1"	80
<i>21101000TK</i>	10"	1.6mm (.063")	2.2mm (.087")	5°	1"	100
21121001TK	12"	1.6mm (.063")	2.2mm (.087")	5°	1"	100
21141201TK	14"	1.8mm (.071")	2.4mm (.094")	5°	1"	120

S22–Thin Rim TCG Saw Blades



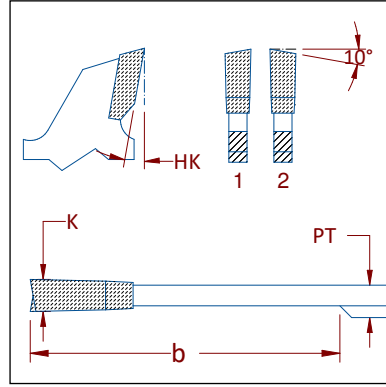
Hp Sp PI Pb

See Material Guide p6

Industrial thin kerf saws. Used on hard plastics such as acrylics and vinyl extrusion, thin rim provides minimal material consumption and requires less horsepower to cut.

Industrial #	D	PT	K	HK	d	Z	b
<i>22080600</i>	8"	2.2mm (.087")	2.2mm (.087")	5°	5/8"	60	2"
22100800	10"	2.2mm (.087")	2.2mm (.087")	5°	5/8"	80	2"
22120801	12"	2.4mm (.094")	2.4mm (.094")	5°	1"	80	2"
22121001	12"	2.4mm (.094")	2.4mm (.094")	5°	1"	100	2"

S23–Thin Rim ATB Saw Blades



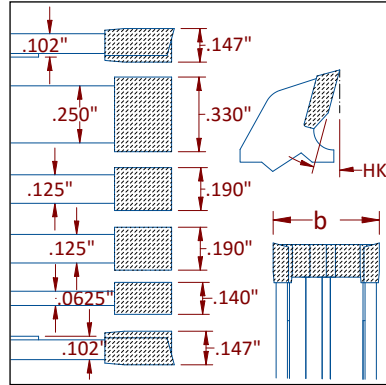
PI Hw Pb

See Material Guide p6

Industrial thin kerf saws. Used on solid wood veneered plywood, thin rim provides minimal material consumption and requires less horsepower to cut.

Industrial #	D	PT	K	HK	d	Z	b
23080600	8"	2.2mm (.087")	2.2mm (.087")	5°	5/8"	60	2"
23100800	10"	2.2mm (.087")	2.2mm (.087")	5°	5/8"	80	2"
23120801	12"	2.4mm (.094")	2.4mm (.094")	5°	1"	100	2"
23121001	12"	2.4mm (.094")	2.4mm (.094")	5°	1"	100	2"

S30–Industrial Dado Sets



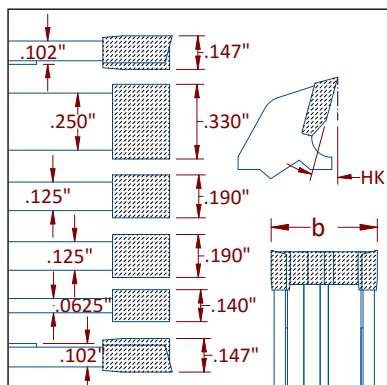
Hw Sw PI

See Material Guide p6

Industrial dado sets. Designed for producing grooves, dados and rabbeting on most wood based material.

Industrial #	D	b	HK	d	Z
3006240	6"	13/16"	15°	5/8"	24
3008240	8"	13/16"	15°	5/8"	24
3008241	8"	13/16"	15°	1"	24
3008400	8"	13/16"	15°	5/8"	40
3008401	8"	13/16"	15°	1"	40
3010240	10"	13/16"	15°	5/8"	24
3010241	10"	13/16"	15°	1"	24
3010600	10"	13/16"	15°	5/8"	60
3010601	10"	13/16"	15°	1"	60
3012361	12"	13/16"	15°	1"	36
3012601	12"	13/16"	15°	1"	60

S30M–Melamine Industrial Dado Sets



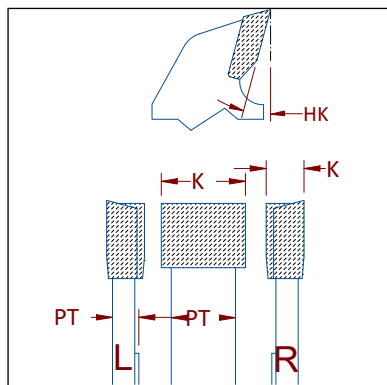
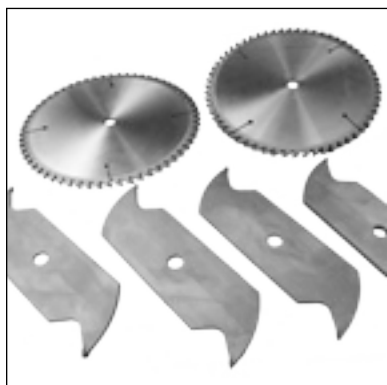
Pb PI Lm

See Material Guide p6

Industrial dado sets. Designed for producing grooves, dados and rabbeting on most wood based material. Negative hook angle helps avoid chipping in laminated material.

Industrial #	D	b	HK	d	Z
3008400M	8"	13/16"	-5° / 15°	5/8"	40
3010600M	10"	13/16"	-5° / 15°	5/8"	60

S31 –Replacement Parts for Dado Sets



Na

See Material Guide p6

Replacement blades / parts for Dado Sets S30 and S30M. Fillers come standard with 5/8" arbor, can be re bored to 1". **Bold** parts indicate outside saws, non-bold parts indicate fillers.

OUTSIDE SAWS

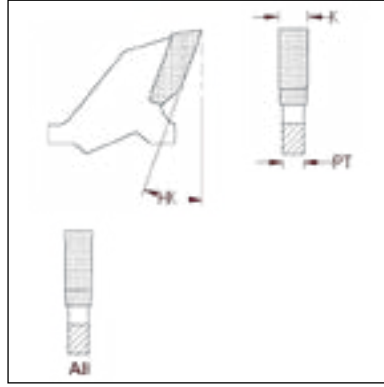
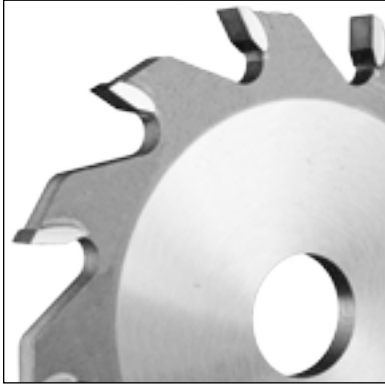
Part#	D	PT	K	HK	d	Z
3106240L	6"	.102"	.147"	15°	5/8"	24
3106240R	6"	.102"	.147"	15°	5/8"	24
3108240L	8"	.102"	.147"	15°	5/8"	24
3108240R	8"	.102"	.147"	15°	5/8"	24
3108241L	8"	.102"	.147"	15°	1"	24
3108241R	8"	.102"	.147"	15°	1"	24
3108400L	8"	.102"	.147"	15°	5/8"	40
3108400R	8"	.102"	.147"	15°	5/8"	40
3108401L	8"	.102"	.147"	15°	1"	40
3108401R	8"	.102"	.147"	15°	1"	40
3110240L	10"	.102"	.147"	15°	5/8"	24
3110240R	10"	.102"	.147"	15°	5/8"	24
3110241L	10"	.102"	.147"	15°	1"	24
3110241R	10"	.102"	.147"	15°	1"	24
3110600L	10"	.102"	.147"	15°	5/8"	60
3110600R	10"	.102"	.147"	15°	5/8"	60
3110601L	10"	.102"	.147"	15°	1"	60
3110601R	10"	.102"	.147"	15°	1"	60

Part#	D	PT	K	HK	d	Z
3112361L	12"	.102"	.147"	15°	1"	36
3112361R	12"	.102"	.147"	15°	1"	36
3112601L	12"	.102"	.147"	15°	1"	60
3112601R	12"	.102"	.147"	15°	1"	60

FILLERS

Part#	D	PT	K	HK	d	Z
3106062	6"	1/16"	.140"	15°	5/8"	2
3106125	6"	1/8"	.190"	15°	5/8"	2
3106250	6"	1/4"	.330"	15°	5/8"	2
3108062	8"	1/16"	.140"	15°	5/8"	2
3108125	8"	1/8"	.190"	15°	5/8"	2
3108250	8"	1/4"	.330"	15°	5/8"	2
3110062	10"	1/16"	.140"	15°	5/8"	2
3110125	10"	1/8"	.190"	15°	5/8"	2
3110250	10"	1/4"	.330"	15°	5/8"	2
3112062	12"	1/16"	.140"	15°	1"	2
3112125	12"	1/8"	.190"	15°	1"	2
3112250	12"	1/4"	.330"	15°	1"	2

S35-Industrial Grooving Saws



Hw Sw PI Pb Hp Sp

See Material Guide p6

Industrial carbide tipped grooving saws. Excellent for grooving in solid wood as well as most plastics.

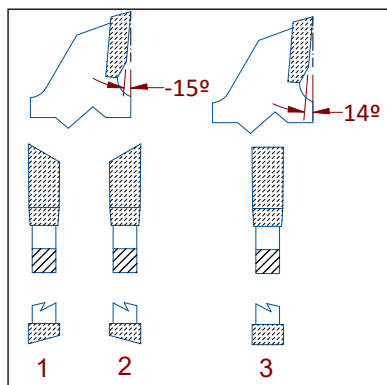
METRIC SIZES

Part#	D (mm)	PT (mm)	K (mm)	HK	d (mm)	Z
35061215	150	1.0	1.5	15°	30	12
35061220	150	1.6	2.0	15°	30	12
35061222	150	1.6	2.2	15°	30	12
35061225	150	1.8	2.5	15°	30	12
35061230	150	2.0	3.0	15°	30	12
35061232	150	2.0	3.2	15°	30	12
35061235	150	2.5	3.5	15°	30	12
35061240	150	2.8	4.0	15°	30	12
35061245	150	3.5	4.5	15°	30	12
35061250	150	3.6	5.0	15°	30	12
35061260	150	5.0	6.0	15°	30	12
35061270	150	5.5	7.0	15°	30	12
35061280	150	5.5	8.0	15°	30	12
35061210	150	7.5	10	15°	30	12
35061810	150	7.5	10	15°	30	18
35061815	150	1.0	1.5	15°	30	18
35061818	150	1.0	1.8	15°	30	18
35061820	150	1.4	2.0	15°	30	18
35061825	150	1.8	2.5	15°	30	18
35061830	150	2.0	3.0	15°	30	18
35061840	150	2.8	4.0	15°	30	18
35061850	150	3.6	5.0	15°	30	18
35061860	150	5.0	6.0	15°	30	18
35061880	150	5.5	8.0	15°	30	18
35071810	180	7.5	10	15°	30	18
35071820	180	1.6	2.0	15°	30	18
35071825	180	1.8	2.5	15°	30	18
35071830	180	2.0	3.0	15°	30	18
35071840	180	2.8	4.0	15°	30	18
35071850	180	3.5	5.0	15°	30	18

IMPERIAL SIZES

Part#	D (in)	PT (in)	K (in)	HK	d (in)	Z
35061224	6"	.071"	3/32"	15°	5/8"	12
35061231	6"	.087"	1/8"	15°	5/8"	12
35061247	6"	.138"	3/16"	15°	5/8"	12
35061263	6"	.189"	1/4"	15°	5/8"	12
35061279	6"	.252"	5/16"	15°	5/8"	12
35061295	6"	.315"	3/8"	15°	5/8"	12
35082431	8"	.087"	1/8"	15°	5/8"	24
35082447	8"	.138"	3/16"	15°	5/8"	24
35082463	8"	.189"	1/4"	15°	5/8"	24
35082479	8"	.252"	5/16"	15°	5/8"	24
35082495	8"	.315"	3/8"	15°	5/8"	24
35102431	10"	.087"	1/8"	15°	5/8"	24
35102447	10"	.138"	3/16"	15°	5/8"	24
35102463	10"	.189"	1/4"	15°	5/8"	24
35102479	10"	.252"	5/16"	15°	5/8"	24
35102495	10"	.315"	3/8"	15°	5/8"	24

S32-Plate Jointer Replacement Saw Blades



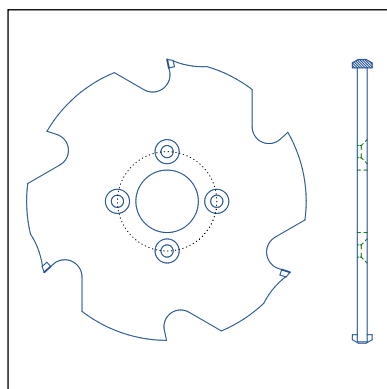
Hw Sw PI Pb

See Material Guide p6

Industrial plate jointer saw blades. For biscuit joint machines.

Industrial #	D	PT	K	HK	d	Z	Pinholes
3210062	100mm	2.97/3.43mm	3.95mm	15/14°	22mm	2+4	
3210062CS	100mm	2.97/3.43mm	3.95mm	15/14°	22mm	2+4	4/4cs/36mm

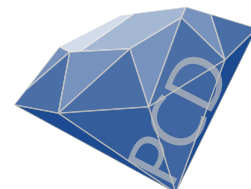
S32D-Clamex P Jointer Saw Blades



Hw Sw PI Pb

See Material Guide p6

PCD diamond tipped lamello blades for Clamex P system. PCD diamond blades will last 30-50 times longer than carbide blades.



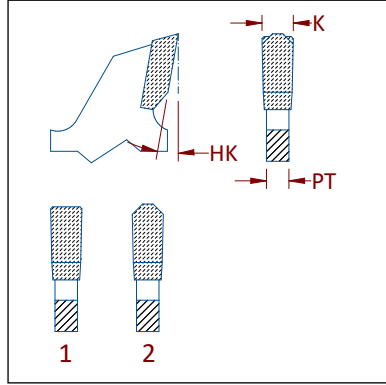
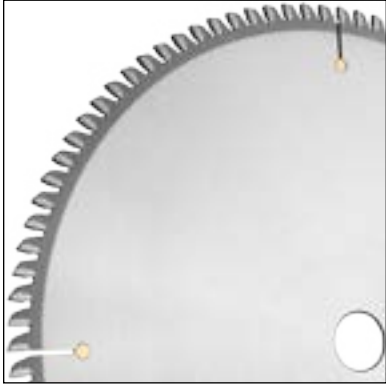
Industrial #	D	PT	K	HK	d	Z	Pinholes
3210032D	100mm	3.5mm	7mm	12°	22mm	3	4/4cs/35mm

Lamello Biscuits



Part #	Description
LAM-CHIP#0	Box of #0 Jointing Plates 1000pcs
LAM-CHIP#10	Box of #10 Jointing Plates 1000pcs
LAM-CHIP#20	Box of #20 Jointing Plates 1000pcs

S25–Melt Free Plastic Cutting Saw Blades



Hp Sp PI

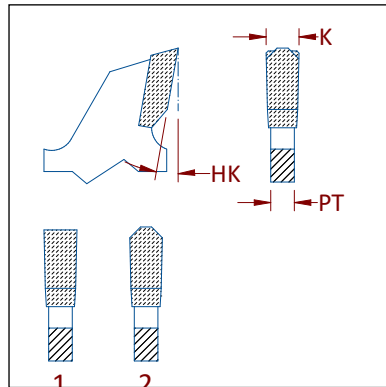
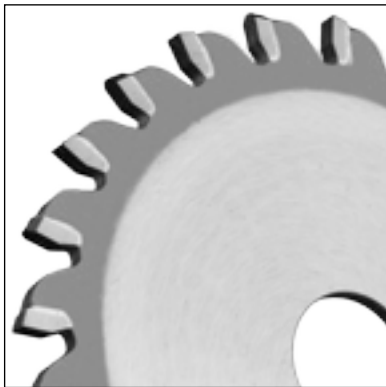
See Material Guide p6

Industrial plastic cutting saw blades. Designed for cutting single and multiple sheets of plastic where melting or chipping is a concern.

Industrial #	Ultima #	D	PT	K	HK	d	Z	Pinholes
25080600	25080600U	8"	2.2mm (.087")	2.7mm (.106")	0°	5/8"	60	
25100800	25100800U	10"	2.2mm (.087")	2.7mm (.106")	0°	5/8"	80	
25121001	25121001U	12"	2.5mm (.098")	3.2mm (.126")	0°	1"	100	
25141001	25141001U	14"	3.0mm (.118")	3.7mm (.146")	0°	1"	100	
25161201	25161201U	16"	3.2mm (.126")	3.8mm (.150")	-5°	1"	120	
25181201	25181201U	18"	3.4mm (.134")	4.0mm (.157")	-5°	1"	120	
25220643*	25220643U*	220mm	2.2mm (.087")	2.7mm (.106")	0°	30mm	64	2/7/42 mm

* Holz Her vertical panel saw

S26–Aluminum Saws for Portable Machines



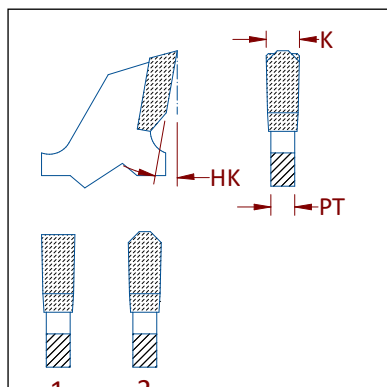
Al Rp

See Material Guide p6

Industrial aluminum blades for portable machines. Ideal for Pneumatic trim saws used for trimming fiberglass or aluminum.

Industrial #	D	PT	K	HK	d	Z
26100240	100mm	2.2mm (.087")	2.8mm (.110")	0°	3/4"	24
26100240H	100mm	3.4mm (.134")	3.9mm (.154")	-5°	5/8"	24
26115240H	115mm	3.4mm (.134")	3.9mm (.154")	-5°	7/8"	24

S27–Plastic and Non Ferrous Mitre Saw Blades

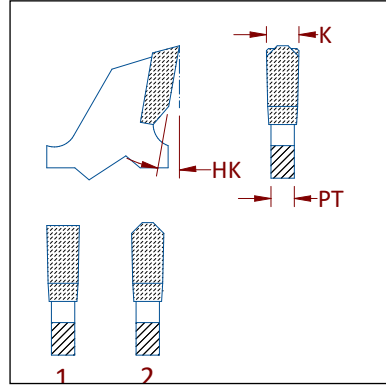
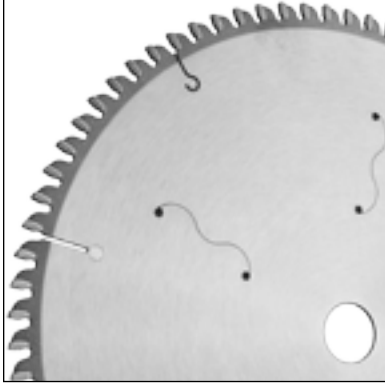

Hp Al

See Material Guide p6

Industrial plastic and non ferrous cutting saw blades. Designed for cutting plastic or non ferrous extrusions on mitre saws. Teeth with higher tooth counts for thin sections of plastic and aluminum.

Industrial #	D	PT	K	HK	d	Z	Pinholes (mm)	Machine
272160480	8.5"	2.2mm (.087")	2.8mm (.110")	-15°	5/8"	48		Elu, Hitachi
272160600	8.5"	2.2mm (.087")	2.8mm (.110")	-5°	5/8"	60		Elu, Hitachi
272501260*	250mm	1.8mm (.071")	2.2mm (.087")	-10°	5/8"	126		
272551000*	10"	2.2mm (.087")	2.8mm (.110")	-5°	5/8"	100		
273009630**	300mm	2.6mm (.102")	3.2mm (.126")	-5°	30mm	96	2/7/42 + 2/10/60	
273051000	12"	2.6mm (.102")	3.2mm (.126")	-5°	5/8"	100		Pistorious
273301030	330mm	2.8mm (.110")	3.4mm (.134")	-5°	30mm	100		
273301032	330mm	2.8mm (.110")	3.4mm (.134")	-5°	32mm	100		
273510832	350mm	2.8mm (.110")	3.4mm (.134")	-5°	32mm	108		
273551000	14"	2.8mm (.110")	3.4mm (.134")	-5°	5/8"	100		Pistorious
273801032	380mm	2.8mm (.110")	3.4mm (.134")	-5°	32mm	100		Hitachi, Ryobi
273551000	355mm	2.8mm (.110")	3.4mm (.134")	-5°	5/8"	100		

S28–Non Ferrous Industrial Saw Blades

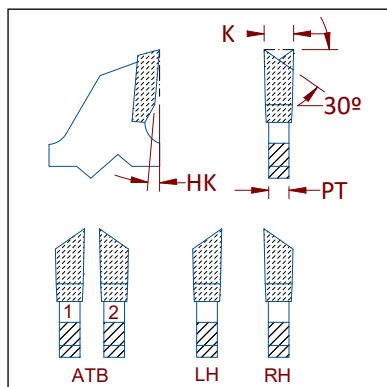

Al **Hp** **Sp**

See Material Guide p6

Industrial non ferrous saw blades. For cutting various shapes of aluminum and plastics. Teeth with higher tooth counts for thin sections of aluminum.

Industrial #	D	PT	K	HK	d	Z
28080480	200mm	2.2mm (.087")	2.8mm (.110")	-5°	5/8"	48
28080600	200mm	2.2mm (.087")	2.8mm (.110")	-5°	5/8"	60
28090480	9"	2.2mm (.087")	2.8mm (.110")	-5°	5/8"	48
28090600	9"	2.2mm (.087")	2.8mm (.110")	-5°	5/8"	60
28100600	250mm	2.6mm (.102")	3.2mm (.126")	-5°	5/8"	60
28100800	250mm	2.6mm (.102")	3.2mm (.126")	-5°	5/8"	80
28100800T	10"	2.2mm (.087")	2.8mm (.110")	-5°	5/8"	80
28110724	275mm	2.6mm (.102")	3.2mm (.126")	-5°	40mm	72
28110904	275mm	2.6mm (.102")	3.2mm (.126")	-5°	40mm	90
28120601	300mm	2.6mm (.102")	3.2mm (.126")	-5°	1"	60
28120801	300mm	2.5mm (.098")	3.2mm (.126")	-5°	1"	80
28121001	300mm	2.5mm (.098")	3.2mm (.126")	-5°	1"	100
28140601	350mm	3.0mm (.118")	3.8mm (.150")	-5°	1"	60
28140801	350mm	3.2mm (.126")	3.8mm (.150")	-5°	1"	80
28141001	350mm	3.2mm (.126")	3.8mm (.150")	-5°	1"	100
28160801	400mm	3.2mm (.126")	3.8mm (.150")	-5°	1"	80
28161001	400mm	3.2mm (.126")	3.8mm (.150")	-5°	1"	100
28161201	400mm	3.2mm (.126")	3.8mm (.150")	-5°	1"	120
28180801	450mm	3.4mm (.134")	4.0mm (.157")	-5°	1"	80
28181001	450mm	3.4mm (.134")	4.0mm (.157")	-5°	1"	100
<i>28181001i</i>	18"	3.4mm (.134")	4.0mm (.157")	-5°	1"	100
28181201	450mm	3.4mm (.134")	4.0mm (.157")	-5°	1"	120
28201001	500mm	3.4mm (.134")	4.0mm (.157")	-5°	1"	100
<i>28201001i</i>	20"	3.4mm (.134")	4.0mm (.157")	-5°	1"	100
28201201	500mm	3.4mm (.134")	4.0mm (.157")	-5°	1"	120
28201201i	20"	3.4mm (.134")	4.0mm (.157")	-5°	1"	120
28221201	550mm	3.6mm (.142")	4.2mm (.165")	-5°	1"	120
28221201i	22"	3.6mm (.142")	4.2mm (.165")	-5°	1"	120

S36–Edge Banding / Edge Clipping Saws



Sp Hp Hw

See Material Guide p6

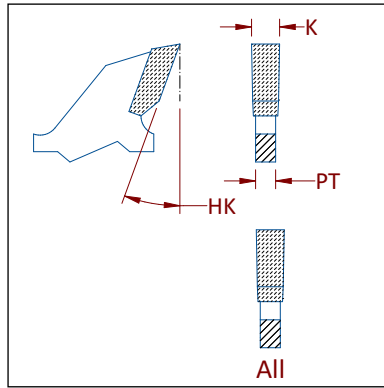
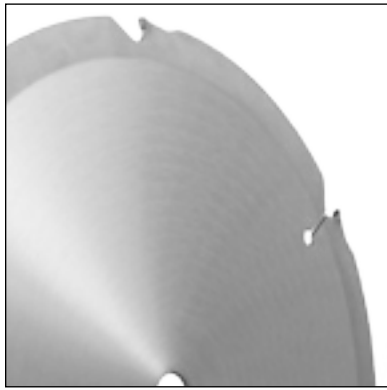
Edge banding clipping saw blades. Designed to be used on automatic edge banding machines for clipping PVC and wood tape.

Industrial #	D mm	PT	K	HK	d mm	Z	Pinholes (mm)	Tooth Style	Machine
3610002L16	100	2.2mm (.087")	3.2mm (.126")	-6°	16	20		LH	Ott
3610002L32	100	2.2mm (.087")	3.2mm (.126")	-6°	32	20		LH	Wilmsmeyer
3610002R16	100	2.2mm (.087")	3.2mm (.126")	-6°	16	20		RH	Ott
3610002L32	100	2.2mm (.087")	3.2mm (.126")	-6°	32	20		LH	Wilmsmeyer
3610004L	100	2.0mm (.079")	3.0mm (.118")	8°	32	20		LH	Homag
3610004R	100	2.0mm (.079")	3.0mm (.118")	8°	32	20		RH	Homag
3610006	100	2.2mm (.087")	3.6mm (.142")	8°	32	20		ATB	Homag
3610008	100	1.6mm (.063")	2.6mm (.102")	8°	32	30		ATB	Brandt
3610010L	100/92	2.2mm (.087")	5.6mm (.220")	8°	32	20 + 20		LH	Homag
3610010R	100/92	2.2mm (.087")	5.6mm (.220")	8°	32	20 + 20		RH	Homag
3610012	100	1.6mm (.063")	2.4mm (.095")	15°	22	12		ATB	Holz Her
3611002-22	110	2.5mm (.098")	3.6mm (.142")	8°	22	20		ATB	Holz Her
3611002-32	110	2.5mm (.098")	3.6mm (.142")	8°	32	20		ATB	Homag
3611003L40	110	2.5mm (.098")	3.2mm (.126")	10°	40	20	4/6cs/52	LH	Homag
3611003R40	110	2.5mm (.098")	3.2mm (.126")	10°	40	20	4/6cs/52	RH	Homag
3611502L52	115	2.5mm (.098")	3.2mm (.126")	10°	52	30		LH	Biesse
3611502L56	115	2.2mm (.087")	3.2mm (.126")	10°	56	30	3/6.6/8.2	LH	Biesse
3611502R52	115	2.5mm (.098")	3.2mm (.126")	10°	52	30		RH	Biesse
3611502R56	115	2.2mm (.087")	3.2mm (.126")	10°	56	30	3/6.6/8.2	RH	Biesse
3612002-32	120	2.5mm (.098")	3.2mm (.126")	10°	32	20		ATB	Homag
3612004L	120	2.5mm (.098")	3.2mm (.126")	-5°	40	20	4/6cs/52	LH	Homag
3612004R	120	2.5mm (.098")	3.2mm (.126")	-5°	40	20	4/6cs/52	RH	Homag
3612006	120	2.8mm (.110")	3.6mm (.142")	8°	40	24	8/6cs/52	ATB	Homag
3614002	140	2.2mm (.087")	3.2mm (.126")	10°	16	36		ATB	Ott
3615002L	150	2.2mm (.087")	3.5mm (.138")	12°	20	30		LH	Olympia
3615002R	150	2.2mm (.087")	3.5mm (.138")	12°	20	30		RH	Olympia
3615004L20	150	2.2mm (.087")	3.5mm (.138")	-8°	20	30		LH	Olympia
3615004L30	150	2.2mm (.087")	3.5mm (.138")	-8°	30	30		LH	Homag
3615004R20	150	2.2mm (.087")	3.5mm (.138")	-8°	20	30		RH	Olympia
3615004R30	150	2.2mm (.087")	3.5mm (.138")	-8°	30	30		RH	Homag
3615006	150	2.2mm (.087")	3.2mm (.126")	10°	22	48		ATB	IMA
3615007L	150	2.5mm (.098")	3.6mm (.142")	10°	30	24 + 6	4/6.3cs/50	LH	Stefani
3615007R	150	2.5mm (.098")	3.6mm (.142")	10°	30	24 + 6	4/6.3cs/50	RH	Stefani

S36–Edge Banding / Edge Clipping Saws (Continued)

Industrial #	D mm	PT	K	HK	d mm	Z	Pinholes (mm)	Tooth Style	Machine
3616002	160	2.2mm (.087")	3.2mm (.126")	15°	30	24		ATB	Holz Her
3616004	160	2.2mm (.087")	3.2mm (.126")	10°	20	48		ATB	Holz Her
3616006	160	2.2mm (.087")	3.2mm (.126")	-8°	22	48		ATB	IMA
3617002L20	170	2.2mm (.087")	3.2mm (.126")	10°	20	40		LH	Stefani
3617002L30	170	2.2mm (.087")	3.2mm (.126")	10°	30	40		LH	Stefani
3617002R20	170	2.2mm (.087")	3.2mm (.126")	10°	20	40		RH	Stefani
3617002R30	170	2.2mm (.087")	3.2mm (.126")	10°	30	40		RH	Stefani

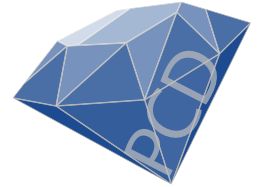
S50–Cement Board Blades



PI Hp

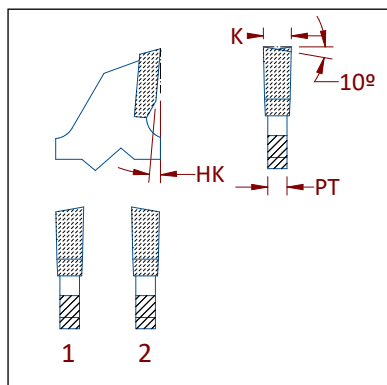
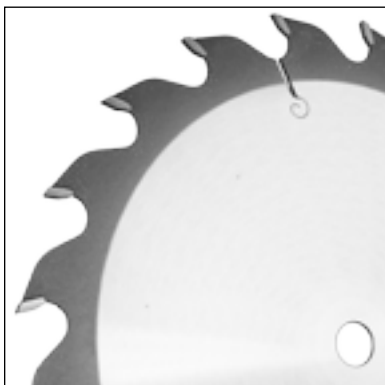
See Material Guide p6

Industrial saws for cutting cement and composite boards. Great for abrasive material that rapidly wears out conventional carbide saws. PCD Diamond tips provide superior wear resistance.



Industrial #	D	PT	K	HK	d	Z	Pinholes
50055040-DIA	5.5"	1.6mm	2.2mm	10°	5/8"	4	
50072040-DIA	7-1/4"	1.6mm	2.2mm	10°	5/8"	4	
50080060-DIA	8"	1.6mm	2.2mm	10°	5/8"	6	
50100060-DIA	10"	1.6mm	2.2mm	10°	5/8"	6	
50120081-DIA	12"	1.6mm	2.2mm	10°	1"	8	

P10–Proline Rip Saw Blades



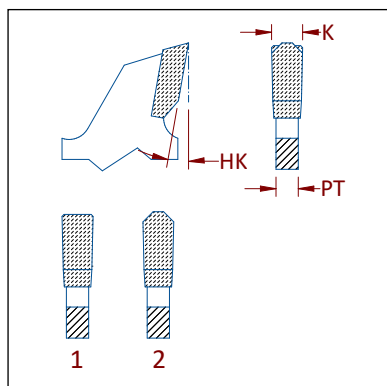
Hw Sw Fb PI

See Material Guide p6

Proline melamine saw blades. Economically priced, for general ripping on table saws or multiple rip saws.

Industrial #	D	PT	K	HK	d	Z
P1010020	10"	2.2mm (.087")	3.2mm (.126")	20°	5/8"	20
P1012024	12"	2.2mm (.087")	3.2mm (.126")	20°	1"	24
P1014036	14"	2.5mm (.098")	3.5mm (.138")	20°	1"	36

P12–Proline Glue Joint Rip Saw Blades



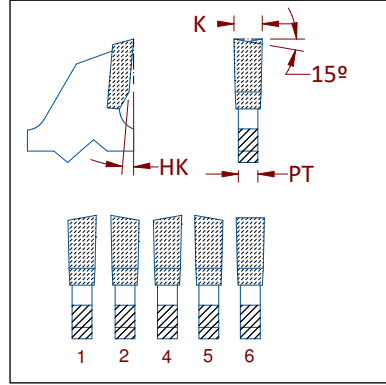
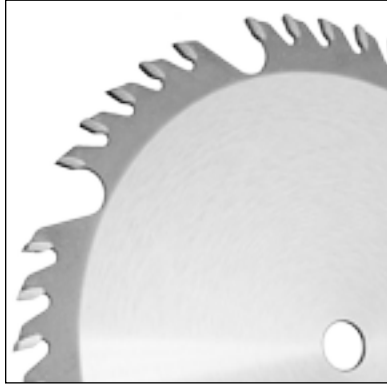
Hw Sw Fb PI

See Material Guide p6

Proline glue joint rip saw blades. Economically priced, for ripping on table saws or multiple rip saws. Tooth design provides optimum finish for glue joints.

Industrial #	D	PT	K	HK	d	Z
P1210030	10"	2.2mm (.087")	3.2mm (.126")	20°	5/8"	30
P1212036	12"	2.2mm (.087")	3.2mm (.126")	20°	1"	36

P14–Proline Combination Saw Blades



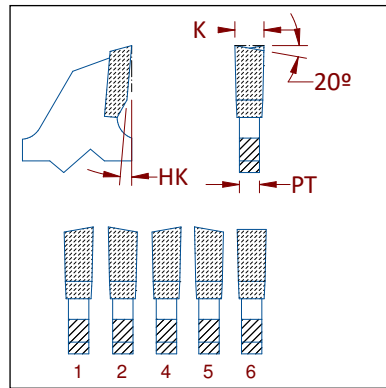
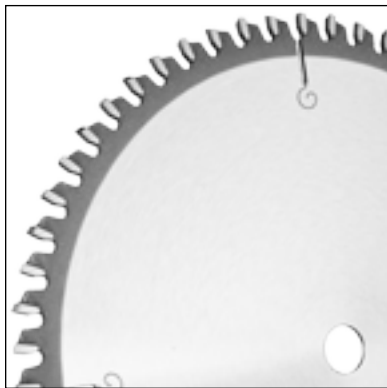
Hw Sw Fb PI

See Material Guide p6

Proline combination saw blades. Economically priced, for all around general purpose. Will rip and cross cut solid wood as well as cut panel materials.

Industrial #	D	PT	K	HK	d	Z
P1407240	7-1/4"	1.8mm (.071")	2.8mm (.110")	15°	5/8"	40
P1408040	8"	1.8mm (.071")	2.8mm (.110")	15°	5/8"	40
P1409040	9"	2.0mm (.078")	3.0mm (.118")	15°	5/8"	40
P1410050	10"	2.2mm (.087")	3.2mm (.126")	15°	5/8"	50
P1412060	12"	2.2mm (.087")	3.2mm (.126")	15°	1"	60

P16–Proline Mitre Joint Saw Blades



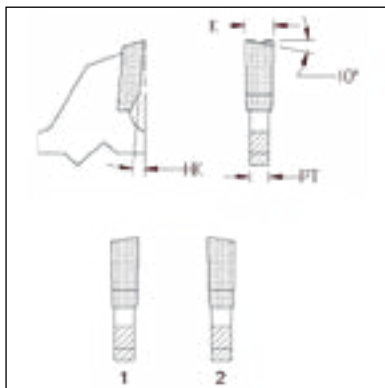
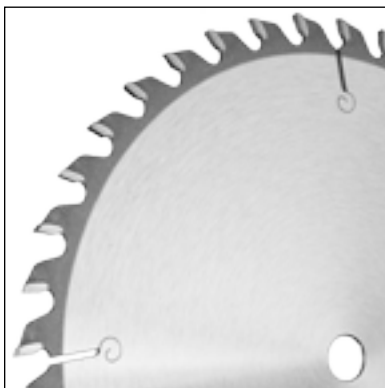
Hw Sw Fb PI

See Material Guide p6

Proline mitre joint saw blades. Economically priced, for smooth trim cuts on mitre saws. Good for mouldings, trim, picture frames and crown mould. Not recommended for Pistorius or INMES double end trim machines. Industrial series blades should be used to avoid whistling / howling of saws.

Industrial #	D	PT	K	HK	d	Z
P1608060	8"	1.8mm (.071")	2.8mm (.110")	-5°	5/8"	60
P1609060	9"	1.8mm (.071")	2.8mm (.110")	-5°	5/8"	60
P1610060	10"	2.2mm (.087")	2.9mm (.115")	-5°	5/8"	60
P1610080	10"	2.2mm (.087")	2.9mm (.115")	-5°	5/8"	80
P1612080	12"	3.2mm (.102")	2.2mm (.126")	-5°	1"	80
P1612100	12"	2.5mm (.098")	3.2mm (.126")	-5°	1"	100
P1612105	12"	2.5mm (.098")	3.2mm (.126")	-5°	5/8"	100

P17–Proline ATB Cut off Saw Blades



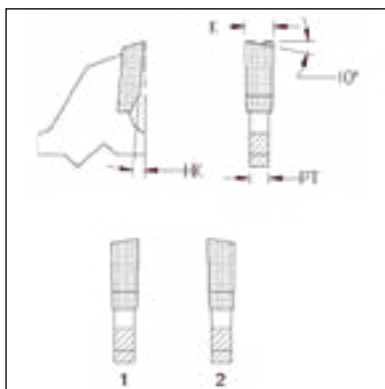
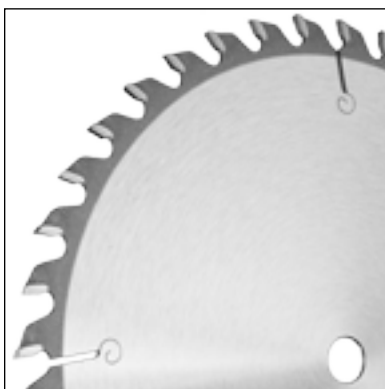
Hw Sw Fb PI

See Material Guide p6

Proline cut off “ATB” saw blades. Economically priced, all around general purpose cut off saw blades.

Industrial #	D	PT	K	HK	d	Z
P1706540	6.5"	1.8mm (.071")	2.8mm (.110")	10°	5/8"	40
P1707240	7.25"	1.8mm (.071")	2.8mm (.110")	10°	5/8"	40
P1708040	8"	1.8mm (.071")	2.8mm (.110")	10°	5/8"	40
P1708060	8"	1.8mm (.071")	2.8mm (.110")	5°	5/8"	60
P1708240	8.25"	1.8mm (.071")	2.8mm (.110")	15°	5/8"	40
P1710040	10"	2.2mm (.087")	3.2mm (.126")	12°	5/8"	40
P1710060	10"	2.2mm (.087")	3.2mm (.126")	12°	5/8"	60
P1710080	10"	2.2mm (.087")	3.2mm (.126")	5°	5/8"	80
P1712072	12"	2.2mm (.087")	3.2mm (.126")	12°	1"	72
P1712096	12"	2.2mm (.087")	3.2mm (.126")	5°	1"	96
P1714084	14"	2.5mm (.098")	3.5mm (.138")	15°	1"	84
P1714108	14"	2.5mm (.098")	3.5mm (.138")	5°	1"	108

P18–Proline Thin Kerf Mitre Joint Saw Blades



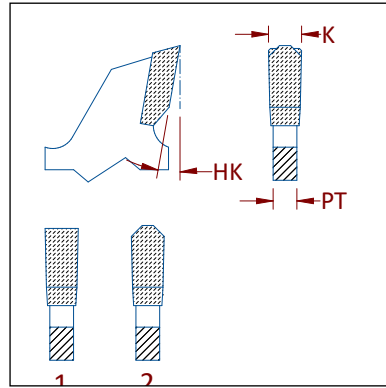
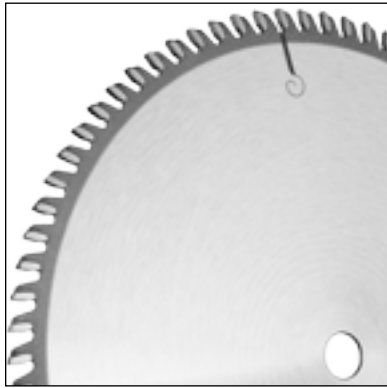
Hw Sw PI

See Material Guide p6

Proline thin kerf saw blades. Economically priced, thin kerf saw requires less horsepower to cut. Great for mitre saw crosscuts.

Industrial #	D	PT	K	HK	d	Z
P1810060	10"	1.8mm (.071")	2.3mm (.091")	-5°	5/8"	60
P1812060	12"	2.2mm (.087")	2.8mm (.110")	-5°	1"	60
P1812080	12"	2.0mm (.079")	2.5mm (.099")	-5°	1"	80

P21 – Proline TCG Cut off Saw Blades



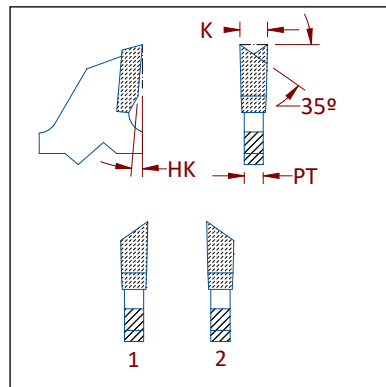
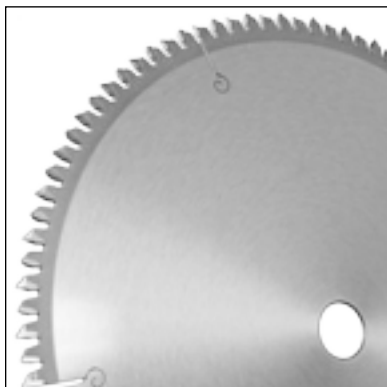
Pb PI Lm Hp Sp

See Material Guide p6

Proline cut off “TCG” saw blades. Economically priced and designed for optimum blade life in laminated panel material. Will work well on most plastics.

Industrial #	D	PT	K	HK	d	Z	Pinholes (mm)
P2106540	6.5"	1.8mm (.071")	2.8mm (.110")	10°	5/8"	40	
P2107240	7.25"	1.8mm (.071")	2.8mm (.110")	10°	5/8"	40	
P2108060	8"	1.8mm (.071")	2.8mm (.110")	5°	5/8"	60	
P2110040	10"	2.2mm (.087")	3.2mm (.126")	10°	5/8"	40	
P2110060	10"	2.2mm (.087")	3.2mm (.126")	12°	5/8"	60	
P2110080	10"	2.2mm (.087")	3.2mm (.126")	5°	5/8"	80	
P2112060	12"	2.2mm (.087")	3.2mm (.126")	15°	1"	60	
P2112072	12"	2.2mm (.087")	3.2mm (.126")	12°	1"	72	
P2112073	12"	2.2mm (.087")	3.2mm (.126")	12°	30mm	72	2/7/42 + 2/9/46.35 + 2/10/60
P2112093	12"	2.2mm (.087")	3.2mm (.126")	5°	30mm	96	2/7/42 + 2/9/46.35 + 2/10/60
P2112096	12"	2.2mm (.087")	3.2mm (.126")	5°	1"	96	
P2114084	14"	2.5mm (.098")	3.5mm (.138")	15°	1"	84	

P22 – Proline Melamine Saw Blades



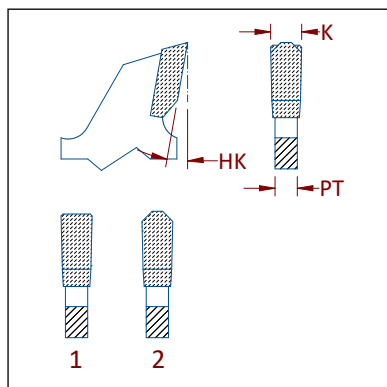
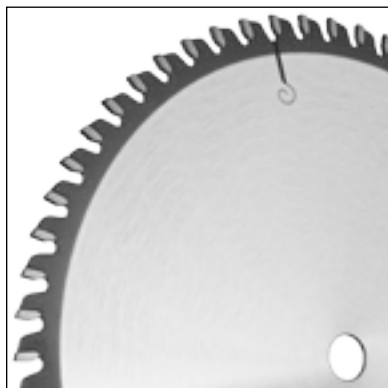
Lm Pb PI Fb

See Material Guide p6

Proline melamine saw blades. Economically priced and designed for cutting Melamine on a table saw without a scoring unit. Will provide a reasonable bottom edge.

Industrial #	D	PT	K	HK	d	Z	Pinholes (mm)
P2210080	10"	2.2mm (.087")	3.2mm (.126")	-5°	5/8"	80	
P2212100	12"	2.2mm (.087")	3.2mm (.126")	-5°	1"	100	
P2212103	12"	2.2mm (.087")	3.2mm (.126")	-5°	30mm	100	2/7/42 + 2/9/46.35 + 2/10/60

P23–Proline Solid Surface Saw Blades



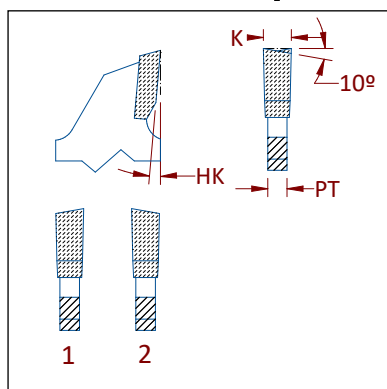
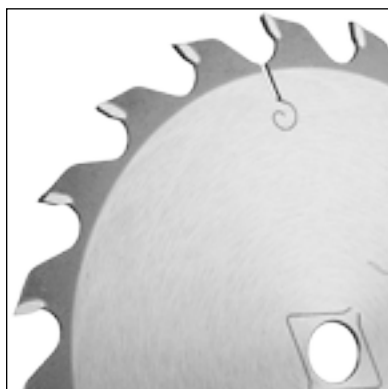
Hp Sp Lm AI

See Material Guide p6

Proline solid surface saw blades. Economically priced and designed for fine cuts in laminated panels, as well as hard and soft plastics.

Industrial #	D	PT	K	HK	d	Z	Pinholes (mm)
P2308060	8"	2.2mm (.087")	3.2mm (.126")	0°	5/8"	60	
<i>P2309063</i>	9"	2.2mm (.087")	3.2mm (.126")	0°	30mm	60	2/7/42 + 2/9/46.35 + 2/10/60
P2310060	10"	2.2mm (.087")	3.2mm (.126")	0°	5/8"	60	
P2310072	10"	2.2mm (.087")	3.2mm (.126")	0°	5/8"	72	
P2312084	12"	2.2mm (.087")	3.2mm (.126")	0°	1"	84	

P26–Proline General Purpose Saw Blades



Sw Hw PI Fb Pb

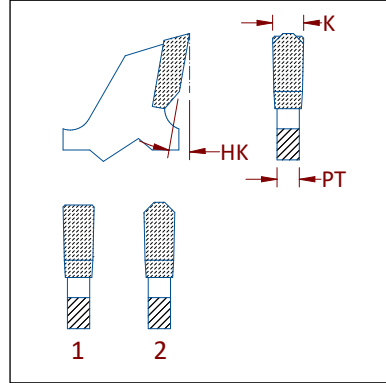
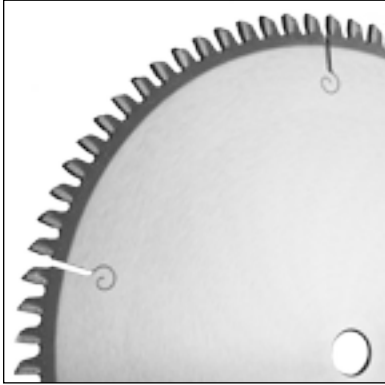
See Material Guide p6

Proline general purpose saw blades. Economically priced and designed for general purpose cutting of hard and softwoods.

Industrial #	D	PT	K	HK	d	Z
P2606524	6.5"	1.8mm (.071")	2.8mm (.110")	15°	5/8"	24
P2607220*	7.25"	1.8mm (.071")	2.8mm (.110")	15°	5/8"	20
P2608024*	8"	1.8mm (.071")	2.8mm (.110")	15°	5/8"	24
P2609024	9"	2.0mm (.078")	3.0mm (.118")	15°	5/8"	24
P2610030	10"	2.2mm (.087")	3.2mm (.126")	15°	5/8"	30
P2612048	12"	2.2mm (.087")	3.2mm (.126")	15°	1"	48
P2614042	14"	2.2mm (.087")	3.2mm (.126")	15°	1"	42

* Skill bore, has diamond knockout as indicated in picture

P28–Proline Non Ferrous Saw Blades



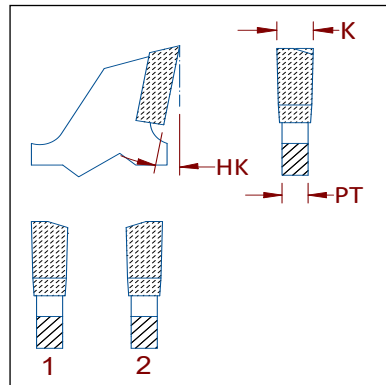
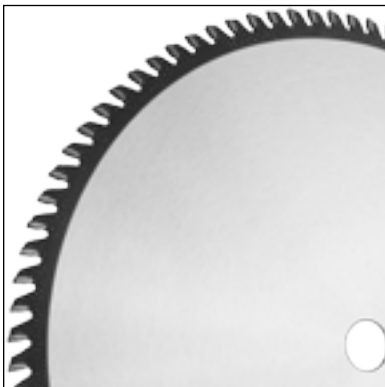
Al Hp Sp

See Material Guide p6

Proline non ferrous saw blades. Economically priced saw for cutting aluminum and plastics. For solids and extrusions.

Industrial #	D	PT	K	HK	d	Z	Pinholes (mm)
P2807240	7.25"	1.8mm (.071")	2.4mm (.095")	-5°	5/8"	40	
P2808040	8"	1.8mm (.071")	2.4mm (.095")	-5°	5/8"	40	
P2808060	8"	1.8mm (.071")	2.4mm (.095")	-5°	5/8"	60	
P2810060	10"	2.6mm (.102")	3.2mm (.126")	-5°	5/8"	60	
P2810080	10"	2.6mm (.102")	3.2mm (.126")	-5°	5/8"	80	
P2810100	10"	2.6mm (.102")	3.2mm (.126")	-5°	5/8"	100	
P2812080	12"	2.6mm (.102")	3.2mm (.126")	-5°	1"	80	
P2812100	12"	2.6mm (.102")	3.2mm (.126")	-5°	1"	100	
P2812103	12"	2.6mm (.102")	3.2mm (.126")	-5°	30mm	100	2/7/42 + 2/9/46.35 + 2/10/60

S29–Steel Cutting Dry Cut Saw Blades



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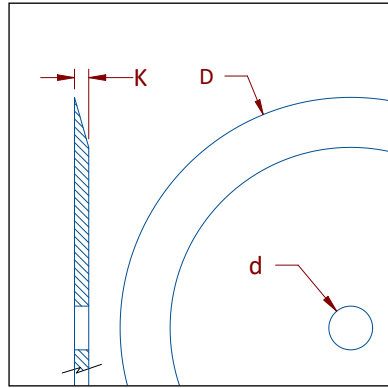
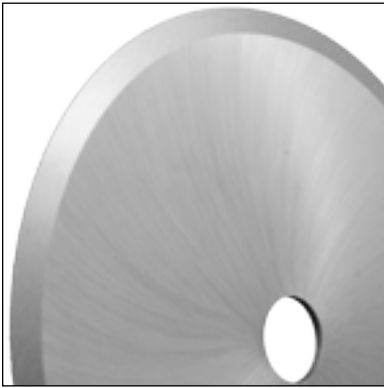
See Material Guide p6

Industrial metal cutting saw blades. Ideal for cutting ferrous metals on dry cut mitre saws. Good for cutting insulating foam boards with steel cladding.

NOTE: Due to the rough nature of these applications, tips are not guaranteed against breakage.

Industrial #	D	PT	K	HK	d	Z
29062300	6-1/4"	1.6mm (.063")	2.2mm (.087")	0°	5/8"	30
29070360	7-1/4"	1.6mm (.063")	2.2mm (.087")	5°	20mm	36
29100483	10"	1.8mm (.071")	2.4mm (.094")	5°	30mm	48
29100603	10"	1.8mm (.071")	2.2mm (.087")	5°	30mm	60
29120601	12"	1.8mm (.071")	2.2mm (.087")	5°	1"	60
29120841	12"	1.8mm (.071")	2.2mm (.087")	5°	1"	84
29140901	14"	2.0mm (.079")	2.5mm (.098")	5°	1"	90

122 – HSS Accura® Circular Knives

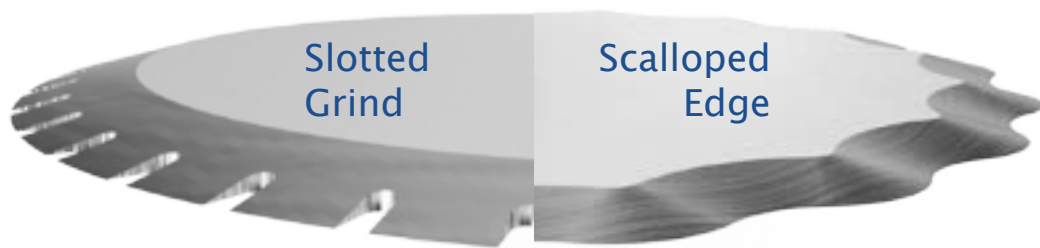
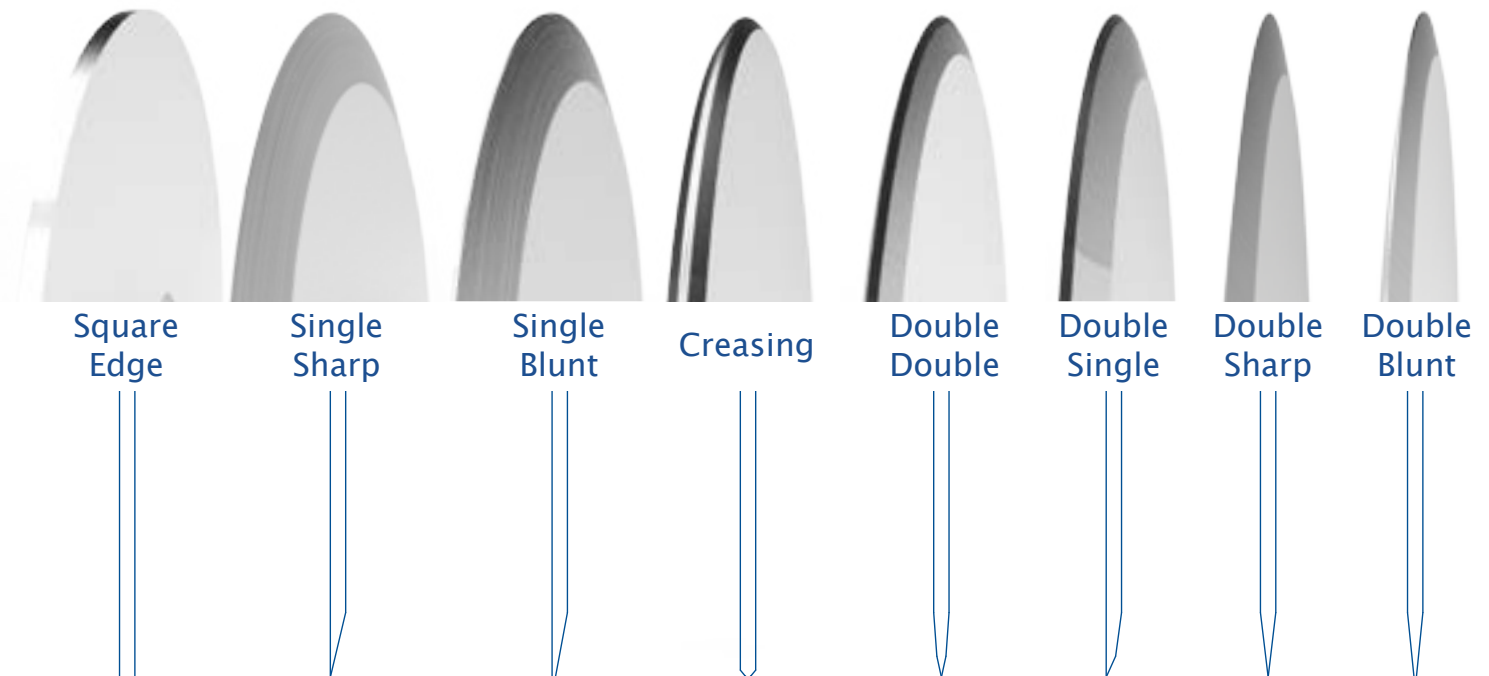


Accura® HSS circular knives for rubber are made from a tough durable M-2 material. Blades can be made with a variety of different bevel styles.

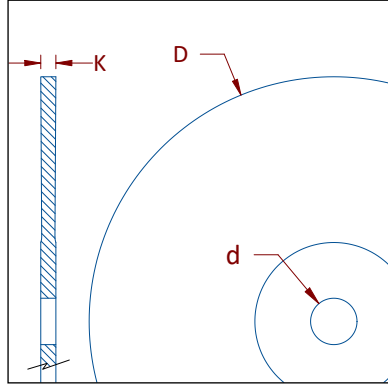
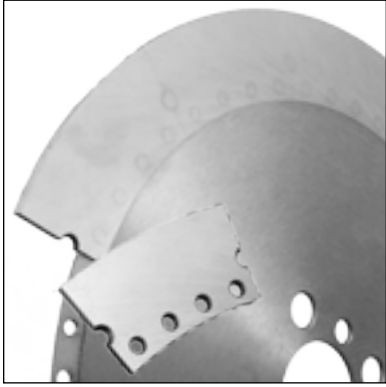


Part #	D	K	d
Custom	150mm - 400mm	1.6mm - 3.5mm	5/8" - 8"

Optional Edge Styles



S33 – HSS Segmental Saw Blades



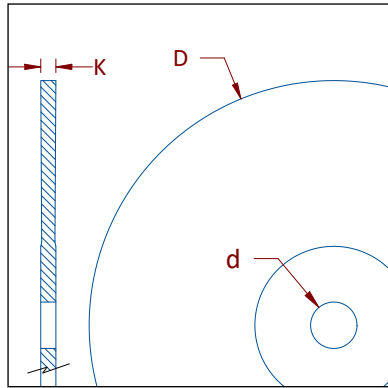
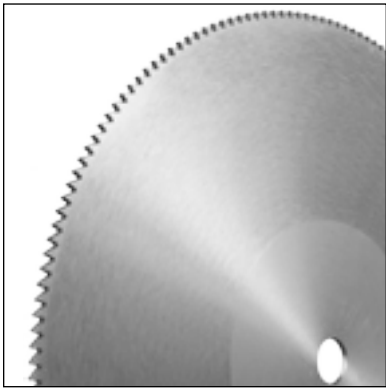
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See Material Guide p6

Heavy duty segmental circular saw blades with fitted HSS-segments. Segmental saws are used in a variety of applications. Segments can be replaced when they become damaged.

Part #	D	K	d	Z
Upon Request	250mm - 1010mm	3.0mm - 8.0mm	32mm - 100mm	As required

F34 – CV Friction Saw Blades for Ferrous Metal



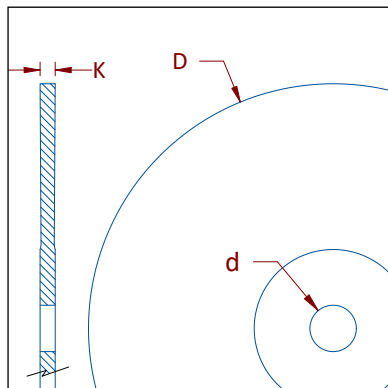
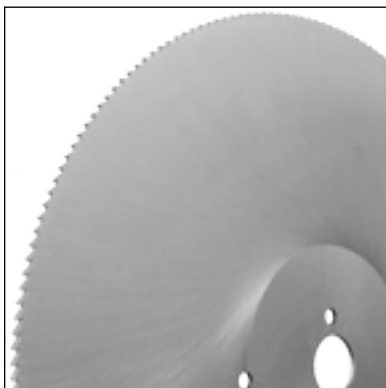
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See Material Guide p6

Friction saws are made from chrome vanadium or tungsten molybdenum steel and hollow ground on both sides. Friction saws are used on high speed machines to cut at 18,000 to 24,000 SFPM.

Part #	D	K	d	Z
F34250251 180T	250mm	2.5mm	5/8"	180
F34400404 240T	400mm	4.0mm	40mm	240
F34400604 240T	400mm	6.0mm	40mm	240
F34450404 240T	450mm	4.0mm	40mm	240
F34520404 300T	520mm	4.0mm	40mm	300

M32 – HSS Accura® Non Ferrous Bright Finish Saws

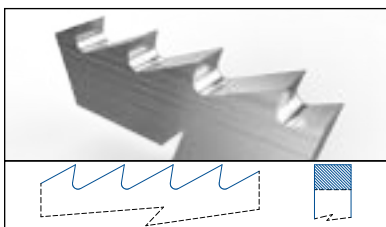


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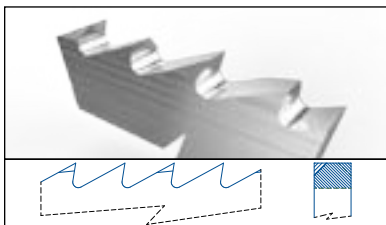
Accura® HSS saw blades for non-ferrous materials are made from HSS/M-2 material and designed to run at speeds up to 7000 SFPM. These blades are hollow ground, in BRIGHT finish and used for cutting aluminum, copper, brass and bronze as well as a variety of plastics. Designed to cut with minimal burrs and a score free finish.

Optional Tooth Styles



A - Toothform

This tooth style is used for cutting narrow sections of non-ferrous metals such as aluminum or copper. Also works well if a flat bottom cut is required when slotting.



AW - Toothform

"A" toothform with alternate chip. Used for same applications as "A" toothform, recommended for thicker blades to reduce the amount of force on the material that each tooth applies.



B - Toothform

Best used for cutting Solid sections of non-ferrous materials, where larger chips are produced. Curved tooth geometry provides superior chip-forming to help evacuate them from the cut.

Part numbers shown on following page.....

SAWBLADES

Part #	D	K	d
M32150121	150mm	1.2mm	5/8"
M32150161	150mm	1.6mm	5/8"
<i>M32150162</i>	150mm	1.6mm	1"
<i>M32150202</i>	150mm	2.0mm	1"
<i>M32160161</i>	160mm	1.6mm	5/8"
M32175161	175mm	1.6mm	5/8"
M32200121	200mm	1.2mm	5/8"
M32200161	200mm	1.6mm	5/8"
M32200201	200mm	2.0mm	5/8"
<i>M32200202</i>	200mm	2.0mm	1"
<i>M32200251</i>	200mm	2.5mm	5/8"
<i>M32200252</i>	200mm	2.5mm	1"
<i>M32200301</i>	200mm	3.0mm	5/8"
<i>M32200302</i>	200mm	3.0mm	1"
<i>M32225121</i>	225mm	1.2mm	5/8"
<i>M32225122</i>	225mm	1.2mm	1"
M32225161	225mm	1.6mm	5/8"
<i>M32225162</i>	225mm	1.6mm	1"
M32225201	225mm	2.0mm	5/8"
<i>M32225202</i>	225mm	2.0mm	1"
<i>M32225251</i>	225mm	2.5mm	5/8"
M32250121	250mm	1.2mm	5/8"
<i>M32250122</i>	250mm	1.2mm	1"
M32250161	250mm	1.6mm	5/8"
<i>M32250162</i>	250mm	1.6mm	1"
M32250201	250mm	2.0mm	5/8"
<i>M32250202</i>	250mm	2.0mm	1"
M32250251	250mm	2.5mm	5/8"
<i>M32250252</i>	250mm	2.5mm	1"
M32250301	250mm	3.0mm	5/8"
<i>M32250302</i>	250mm	3.0mm	1"
<i>M32275161</i>	275mm	1.6mm	5/8"
<i>M32275162</i>	275mm	1.6mm	1"
<i>M32275201</i>	275mm	2.0mm	5/8"
<i>M32275202</i>	275mm	2.0mm	1"
M32275251	275mm	2.5mm	5/8"
<i>M32275252</i>	275mm	2.5mm	1"
<i>M32300122</i>	300mm	1.2mm	1"
M32300161	300mm	1.6mm	5/8"
M32300162	300mm	1.6mm	1"
M32300201	300mm	2.0mm	5/8"
M32300202	300mm	2.0mm	1"
M32300251	300mm	2.5mm	5/8"
M32300252	300mm	2.5mm	1"
<i>M32300301</i>	300mm	3.0mm	5/8"
<i>M32300302</i>	300mm	3.0mm	1"

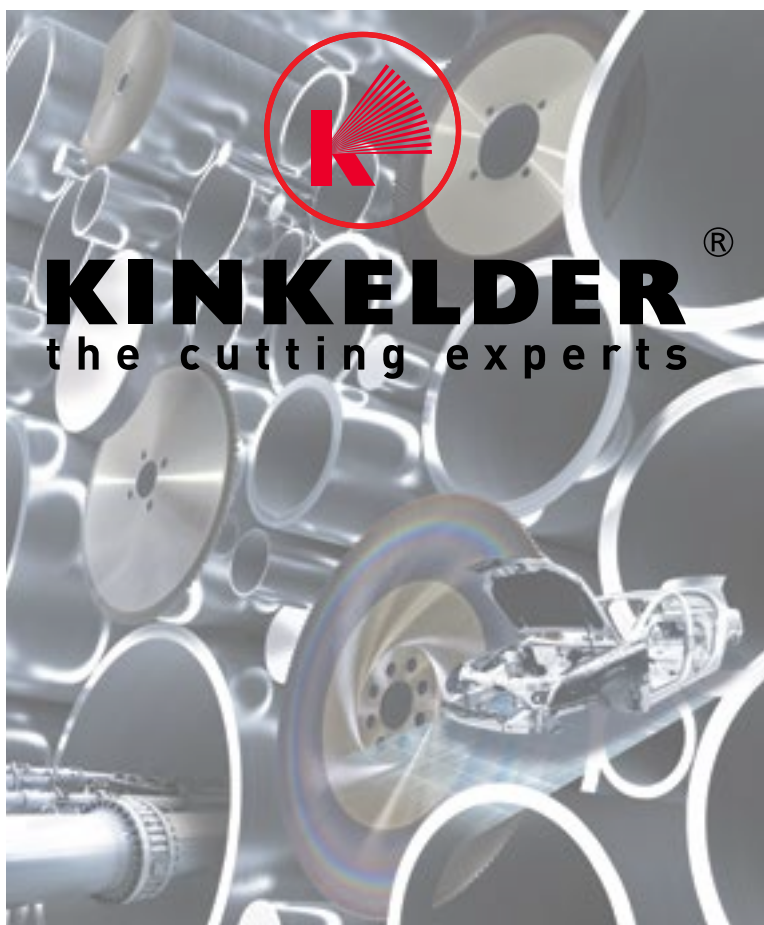
Part #	D	K	d
<i>M32315251</i>	315mm	2.5mm	5/8"
M32315252	315mm	2.5mm	1"
M32315301	315mm	3.0mm	5/8"
M32350202	350mm	2.0mm	1"
M32350251	350mm	2.5mm	5/8"
M32350252	350mm	2.5mm	1"
<i>M32350301</i>	350mm	3.0mm	5/8"
M32350302	350mm	3.0mm	1"
M32400252	400mm	2.5mm	1"
<i>M32400352</i>	400mm	3.5mm	1"

Canadian Dealer

Royce Ayr is the exclusive Canadian dealer for the Kinkelder brand of HSS coldsaw blades and carbide tipped metal cutting saw blades. Kinkelder is a worldwide leader in circular saw blade cutting technology for the steel industry.

By working closely with our customers, we can analyze the sawing processes, and identify key variables in both material and machine conditions. We are then able to drive down production costs by optimizing cutting parameters and performance, reducing your cost per cut.

We maintain an intensive network of technical expertise drawn from both the manufacturing and academic tooling sectors. By keeping up-to-date of the latest advances in machine technology and metallurgy we can provide customers with advanced, state of the art saw blades and the technical support necessary to optimize their cutting process.



HSS Standard Series Saws



Alpha (Steam)

Steam treated Alpha saw blades have a black oxide surface layer for longer blade life compared to the uncoated saws. Used on manual and semi-automatic sawing machines cutting steel. Good for tubes, profiles and solids. Designed for structural steels and non-alloy tool steel with a tensile strength up to 700 N / mm².



Solar (TiN)

Due to the higher oxidation temperature, this TiN coated Solar saw blade is able to cut materials with high tensile strengths. Can be used on tubes, profiles and solids with a tensile strength up to 750 N / mm².



HSS EC 3000

Advanced PVD coating for wear protection which lowers the friction coefficient. The EC 3000 saw blade is a cost efficient solution for cutting structural and non-alloy tool steel thin walled tubes. Tubes and profiles can be cut on manual and semi-automatic sawing machines with greater ease. It can also be used for cutting thin walled tubes on automatic machines, stainless steel tubes and profiles.

HSS Advanced Series Saws



HSS Supreme

Due to a sophisticated multilayer coating, the Supreme saw blade series can cut with higher speeds, and feeds and handle harder tubes. The integral body enables thinner kerf blades to maintain stiffness when cutting. Used for steel tubes and profiles with a tensile strength up to 800 N/mm².



Power Integral

The thicker hub and thinned cutting area of the Power Integral saw blade provide a low friction coefficient and reduced cutting resistance combined with higher strength. This enables these saw blades to be used for fast cutting of thin walled products. Used for thin walled (stainless) steel tubes, brass or copper.



Performance 3000

Performance 3000 is an all around saw blade for industrial applications on a very high performance level. The sophisticated multilayer coating combines high temperature resistance with a very low friction coefficient. Used on harder materials at higher cutting speeds.



Power 2000

The Power 2000 saw blade has a thin kerf for cutting thin walled tubes and profiles. A superior surface finish and low friction PVD coating ensure low vibration, less burr and reduced risk of tube-end deformation. Ideal for very thin walled tubes and profiles, both steel and stainless steel.



Fusion

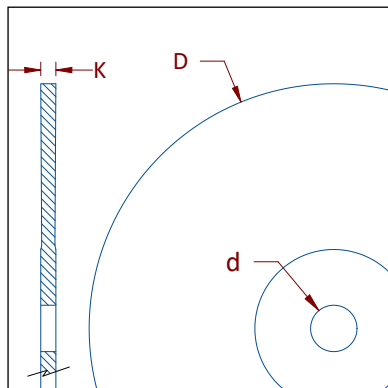
A special multilayer coating with high thermal insulation capacity enables the Fusion saw blade to cut harder materials at high cutting speeds with spray mist coolant. Used on medium to high tensile (carbon) steel.



Pulsar

Pulsar saw blades distinguish themselves by a low friction coefficient, which makes them especially efficient at cutting harder materials at higher cutting speeds. Also very suitable for cutting stainless steel and sticky, gummy materials.

C31 – HSS Coldsaws



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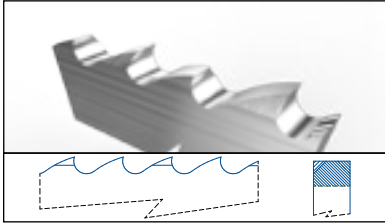
Below table shows the different sizes of blades that can be ordered. Part numbers shown are most popular Alpha series (Standard Steam treated). Coated blades have limited availability but can be ordered in. Tooth style must be specified at the time of ordering.

Industrial #	D	K	d
<i>C31160153</i>	160mm	1.5mm	32mm
C31200163	200mm	1.6mm	32mm
<i>C31200203</i>	200mm	2.0mm	32mm
C31200204	200mm	2.0mm	40mm
C31225163	225mm	1.6mm	32mm
<i>C31225164</i>	225mm	1.6mm	40mm
C31225203	225mm	2.0mm	32mm
C31225204	225mm	2.0mm	40mm
<i>C31225254</i>	225mm	2.5mm	40mm
C31250163	250mm	1.6mm	32mm
C31250164	250mm	1.6mm	40mm
C31250203	250mm	2.0mm	32mm
C31250204	250mm	2.0mm	40mm
C31250253	250mm	2.5mm	32mm
C31250254	250mm	2.5mm	40mm
<i>C31250303</i>	250mm	3.0mm	32mm
<i>C31250304</i>	250mm	3.0mm	40mm
C31275203	275mm	2.0mm	32mm
C31275204	275mm	2.0mm	40mm
C31275253	275mm	2.5mm	32mm
C31275254	275mm	2.5mm	40mm
C31275304	275mm	3.0mm	40mm
C31300253	300mm	2.5mm	32mm
C31300254	300mm	2.5mm	40mm
C31300256	300mm	2.5mm	38mm
C31300303	300mm	3.0mm	32mm
<i>C31300304</i>	300mm	3.0mm	40mm
C31315203	315mm	2.0mm	32mm
<i>C31315204</i>	315mm	2.0mm	40mm

Industrial #	D	K	d
C31315253	315mm	2.5mm	32mm
C31315254	315mm	2.5mm	40mm
C31315256	315mm	2.5mm	38mm
C31315303	315mm	3.0mm	32mm
C31315304	315mm	3.0mm	40mm
C31325253	325mm	2.5mm	32mm
C31325254	325mm	2.5mm	40mm
C31325256	325mm	2.5mm	38mm
C31325303	325mm	3.0mm	32mm
C31325304	325mm	3.0mm	40mm
C31350253	350mm	2.5mm	32mm
C31350254	350mm	2.5mm	40mm
C31350255	350mm	2.5mm	50mm
C31350303	350mm	3.0mm	32mm
C31350304	350mm	3.0mm	40mm
C31350305	350mm	3.0mm	50mm
<i>C31370254</i>	370mm	2.5mm	40mm
C31370303	370mm	3.0mm	32mm
C31370304	370mm	3.0mm	40mm
C31370305	370mm	3.0mm	50mm
C31400304	400mm	3.0mm	40mm
C31400305	400mm	3.0mm	50mm
C31400354	400mm	3.5mm	40mm
C31400354	400mm	3.5mm	40mm
<i>C31400355</i>	400mm	3.5mm	50mm
<i>C31425354</i>	425mm	3.5mm	40mm
<i>C31425355</i>	425mm	3.5mm	50mm
<i>C31450354</i>	450mm	3.5mm	40mm
<i>C31450355</i>	450mm	3.5mm	50mm

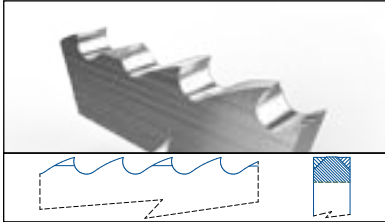
Tooth forms on following page.....

Tooth Style Explanation



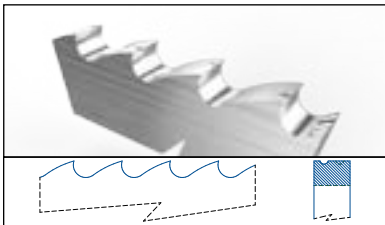
BW - Toothform

Best suited for cutting light gauge tubes and sections made of steel or non-ferrous metals. Typically not used on blades that have a tooth pitch of 4mm and smaller.



C - Toothform

Best suited for cutting solids and thick walled tubes. The chamfered tooth sits 0.2mm to 0.3mm higher than the square tooth. Typically not used on blades with a tooth pitch of 5mm and larger.



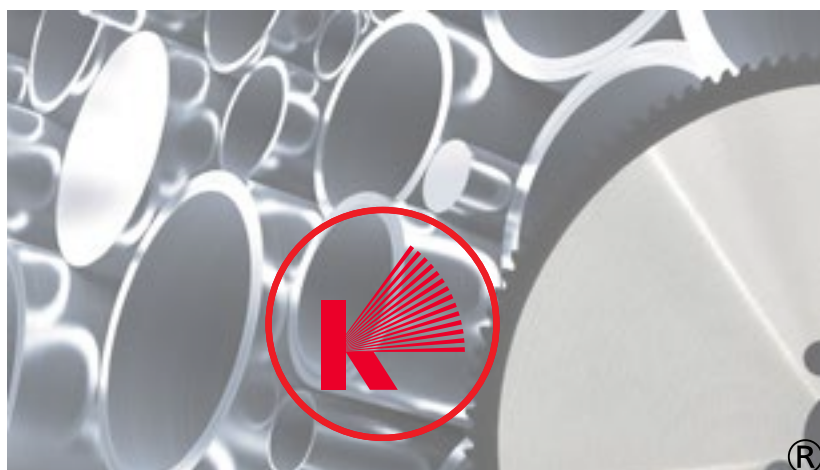
RIL - Toothform

Most effective for tube and profile cutting, especially for PVD coated blades. Tooth style minimizes burr formation even at high cutting speeds, and extends blade life.

TCT Series

By taking a proactive strategy to R&D Kinkelder stays ahead of the market and maintains leadership in high efficiency cutting. Focus is always on reducing the total cost of the sawing process in challenging technical environments. This philosophy has taken Kinkelder to a leading global position in product innovation and quality, productivity expertise, consultancy and troubleshooting capabilities.

A continuation of this strategic market approach saw the introduction of the Connexioncut coated carbide range of circular saw blades in the early 2000's. Employing the same applications based approach and concentrating on delivering predictable production cost reduction to Customers, Kinkelder has become the market leader in this new and rapidly growing market.



KINKELDER

the cutting experts

TCT – CX Series



CX1

The PVD coated carbide tipped CX 1 saw blade has been developed for cutting solid steel with tensile strengths between 800 - 1,600 N/mm² at very high production rates.



CX3

The CX 3 saw blade has been developed for cutting tubes on high performance automatic sawing machines, at a higher maximum cutting speed than with HSS saw blades. It is most effective on sawing machines with accurate control of chip load and variable feed rate.



CX4

The high nickel content of austenitic stainless steel tubes makes them difficult to cut with HSS saw blades. With the dedicated tooth geometry of the carbide tipped and PVD coated CX 4 saw blade, perfect surface finish and burr-free tube ends will be achieved.



CX5

The CX 5 saw blade has been specifically designed to cut thin walled tubes. Because of its light cutting properties it is also very well suited for use on a wide range of automatic cut-off machines.



CX6

CX 6 saw blades are carbide tipped and PVD coated for cutting solid stainless steel. With their proprietary geometry, very fast cutting and good surface finish can be achieved. Depending on steel grade and dimensions, dedicated tooth geometries are available.



CX7

CX 7 is a Cermet tipped, PVD coated saw blade dedicated to cut low to medium strength carbon steel. On many applications, blade life of 50 m² and more can be achieved.

TCT – Champion Series



Champion SL

The Champion SL saw blade achieves extended blade life at solid cutting by combining the performance advantages of Cermet with the latest PVD coating technology.



Champion TL

Champion TL is our latest blade for cutting tubes with tensile strength of 600 – 1,100 N/mm² on high output/high quality saw machines.



Champion TH

Champion TH has been developed to cut thin walled tubes with tensile strengths up to 1,800 N/mm². The Champion TH saw blade can cope with cutting speeds up to 350 m/min and very high feed rates.

TCT – Flying Cut Off



TubeMaster

Designed especially for orbital flying cut-off applications. Key features include fracture resistant carbide, protected with a high-tech TiAlN-based PVD coating. Combined with a light cutting geometry for smooth chip evacuation, excellent surface finish is achieved. This geometry reduces vibration when cutting thin walled tubes (<4mm), achieving excellent blade life.



TubeMaster Stainless

The TubeMaster Stainless saw blade has specifically been developed for cutting stainless steel tubes on orbital flying cut-off units. These saw blades can cope with cutting speeds between 60 – 120 m/min.



ScarfMaster

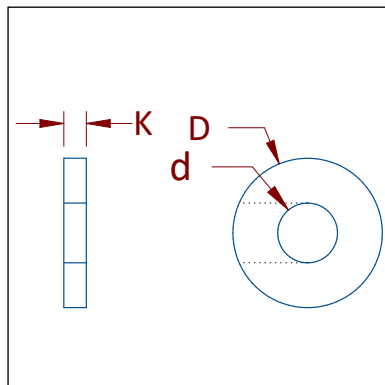
The PVD coated carbide tipped ScarfMaster has especially been designed for flying cut-off applications dealing with heavy inside scarf. It features a very specific tooth geometry, combined with highly shock resistant carbide tips.



SpeedMaster

SpeedMaster is a TCT saw blade for single- and twin cut-off units on steel tube mills. It provides an opportunity to greatly increase the tube manufacturing line speeds and cut the production costs.

584 – Bore Reducing Bushings

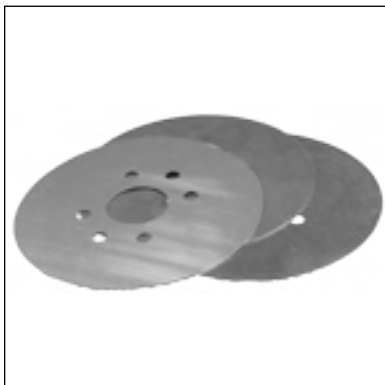


Reducing bushings for use on saw blades. Bushings can be pressed into saws so they are permanent, or supplied separate. If possible it is best to not have to use a bushing as this can add runout to the saw.

Part #	D	K	d
584-M20.625	20mm	1.8mm	5/8"
584-M20.750	20mm	2.2mm	3/4"
584-M22.M20SP	22mm	0.200"	20mm
584-M22.625	22mm	1.8mm	5/8"
584-M22.750	22mm	1.8mm	3/4"
584-M22.750SP	22mm	0.200"	3/4"
584-M30.1000	30mm	1.8mm	1"
584-M30.625	30mm	1.8mm	5/8"
584-M30.750	30mm	1.8mm	3/4"
584-M32.625	32mm	2.2mm	5/8"

Part #	D	K	d
584-M40.1000	40mm	2.2mm	1"
584-M40.32	40mm	0.125"	32mm
584-075.0625	3/4"	1.8mm	5/8"
584-1.00.20M	1"	1.8mm	20mm
584-1.00.22M	1"	2.2mm	22mm
584-1.00.625	1"	1.8mm	5/8"
584-1.00.750	1"	1.8mm	3/4"
584-1.250.0625	1-1/4"	2.0mm	5/8"
584-1.250.1000	1-1/4"	2.0mm	1"
584-1.250.1125	1-1/4"	2.2mm	1-1/8"

583 – Shim Sets for Split-Scoring Saws



Shim sets for split scoring saw units. Consist of 5 pcs. All 5pcs will create a thickness of 0.85mm thick.

Part #	D	d
583-SET.050022-34	50mm	22mm
583-SET.060022-42	60mm	22mm
583-SET.060025-34	60mm	25mm
583-SET.080022-34	80mm	22mm
583-SET.080025-34	80mm	25mm

Part #	D	d
583-SET.080030-42	80mm	30mm
583-SET.090022-42	90mm	22mm
583-SET.090022-42-39	90mm	22mm
583-SET.090050-60	90mm	50mm

Pitch Off



Environmentally safe bio degradable cleaner. Safe, non toxic detergent. Works great for removing pitch and residue on tooling. Simply spray on area to be cleaned, leave for 2-3 minutes and then wipe away.

Part #	Description
RCT-PITCH.OFF	12oz Aerosol Spray

Spray N Slide



Friction modifier for machine surfaces. Good for a variety of machines to enable easier sliding of material on machine.

Part #	Description
RCT-SNS.14	12oz Aerosol Spray-N-Slide Friction Modifier

Bee's Wax

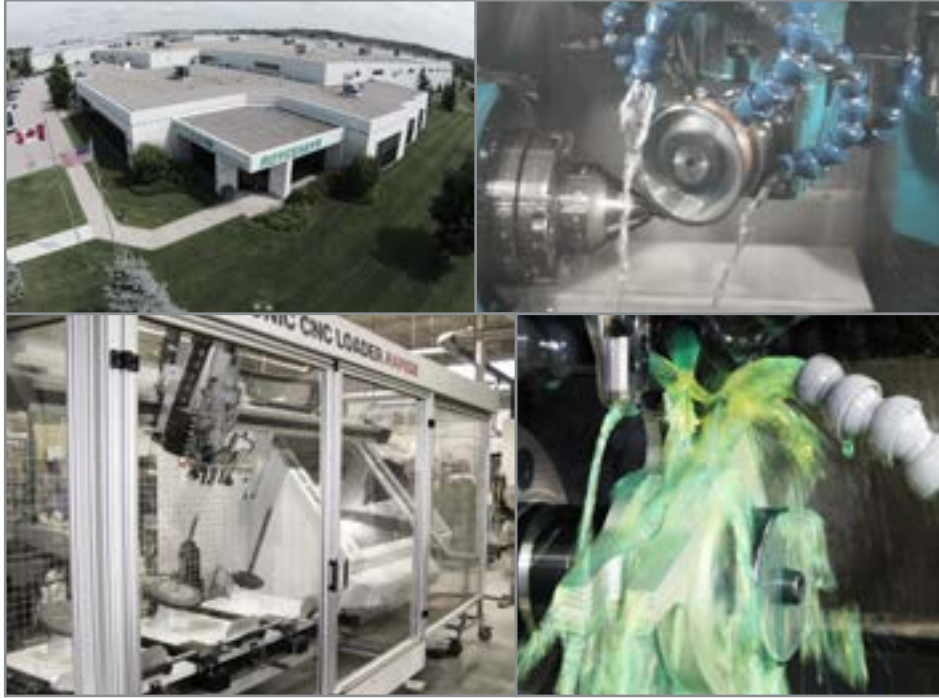


Natural Wax for lubrication of saws when cutting aluminum or other non-ferrous metals.

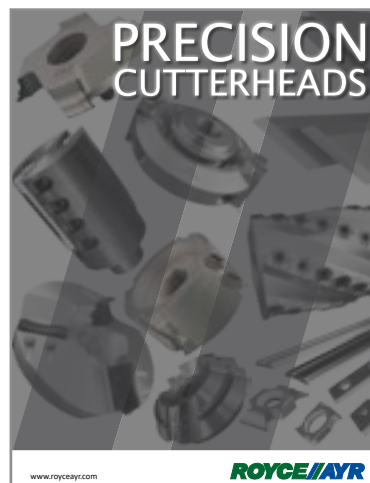
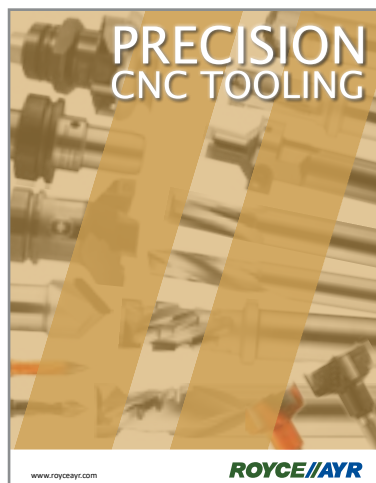
Part #	Description
LUBE-WAX	Bee's Wax Stick

Precision Sharpening Services

Royce Ayr is capable of sharpening cutting tools back to original factory performance levels to keep them cutting as good as new. Same advanced machinery used to manufacture the tooling is used for servicing the tools.



Other Products Available



Custom Tooling

Didn't find what you are looking for? We can produce a custom tool to meet your needs. Over 30% of our products are custom tooling. One of our sales representatives would be more than happy to discuss your needs, and utilize our experienced technical application specialists. Brazed Carbide, Insertable Carbide or Polycrystalline Diamond (PCD), the process is simple.

- 1) Contact your Royce Ayr representative to discuss your need.
- 2) A quotation will be sent as soon as possible for you to review.
- 3) If the quotation is approved, provide any drawings or samples required for the order.
- 3) A drawing will be sent within 2-5 days depending on the complexity.
- 4) Once drawing is finalized and we have received your approval we will proceed with production.



Royce Ayr Conditions of Sale

Limited Warranty

All items in the Royce Ayr catalog, unless otherwise noted, are warranted for 90 days against defects in workmanship and materials. Normal wear or misuse of a tool is not covered by this warranty. Merchandise may be returned within the 90 day period to Royce Ayr for assessment and if a defect is found the tool will either be replaced, repaired, or refunded at our discretion. In no way will Royce Ayr be responsible for any incidental or consequential damages resulting from use of our products. Stock items being returned free of defect must be within the 90 day period and may be subject to a 15% restocking fee.

Special Items

Special items that are not shown in the catalog are covered by the limited warranty. Items free of defect may be returned but are subject to Royce Ayr cutting tools discretion. If the items are able to be returned a 15% restocking fee will apply.

Custom Tooling

Custom tools made to order are covered by the limited warranty. The customer is responsible to verify details shown on drawing such as but not limited to profile specifications, overall tool dimensions, arbor size, shank size, etc. These items are covered against defect in workmanship and material. Custom orders cannot be returned unless a defect in workmanship or materials existed at time of delivery.

No Sale is Final

If you have a problem with an order placed, or with the ordering experience please call us. We want you to be satisfied with our products and services and will do our best possible to make sure that happens.

Deliveries

Unless otherwise specified partial orders will be shipped until the order is filled. Lead times and deliveries are provided as a best estimate and every effort will be made by Royce Ayr to meet these deadlines. Royce Ayr is not liable for any incurred expenses resulting from late delivery.

CDN ■ 405 Sheldon Drive,
Cambridge, ON, N1T 2B7

USA ■ 6391 Walmore Road,
Niagara Falls, NY, 14304

ROYCE//AYR

P.800.959.5641 | F.519.623.9371

HSS | CARBIDE | PCD

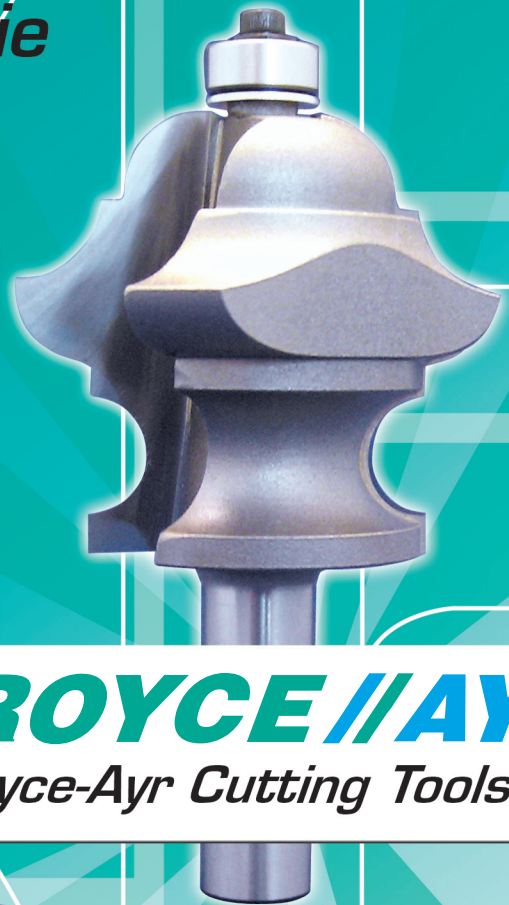
tooling@royceayr.com | www.royceayr.com

Revision-02
2018-07

QUALITY PERFORMANCE PRECISION

ROUTER BITS

mèche de toupie



ROYCE//AYR
Royce-Ayr Cutting Tools Inc.



ISO 9001:2008
registered

SATISFACTION GUARANTEED

Limited Warranty

All items in the Royce//Ayr catalogue, unless otherwise noted, are warranted for 90 days against defects in workmanship and materials. Normal wear and tear or use of a tool for other than the intended purpose is not covered by this warranty. Merchandise may be returned to Royce//Ayr Cutting Tools for repair or replacement at our option. Royce//Ayr liability is limited to repair or replacement of the merchandise. In no event shall Royce//Ayr be liable for any incidental or consequential damages.

Special Items

Special items are those not in the Royce//Ayr catalogue and are special ordered for the customer. These items are covered by our limited warranty. If a special item is defective, it is covered like any other catalogue item.

Custom Items

Custom items are those that are made to our customer's specifications and are not normally carried by Royce//Ayr or the manufacturer. The customer is responsible to make sure his specifications meet his needs. These items cannot be returned unless there is a defect in workmanship or materials.

No Sale is Final

If you have a problem with an order you placed with Royce//Ayr, please call. We want you to be satisfied with our products and service.

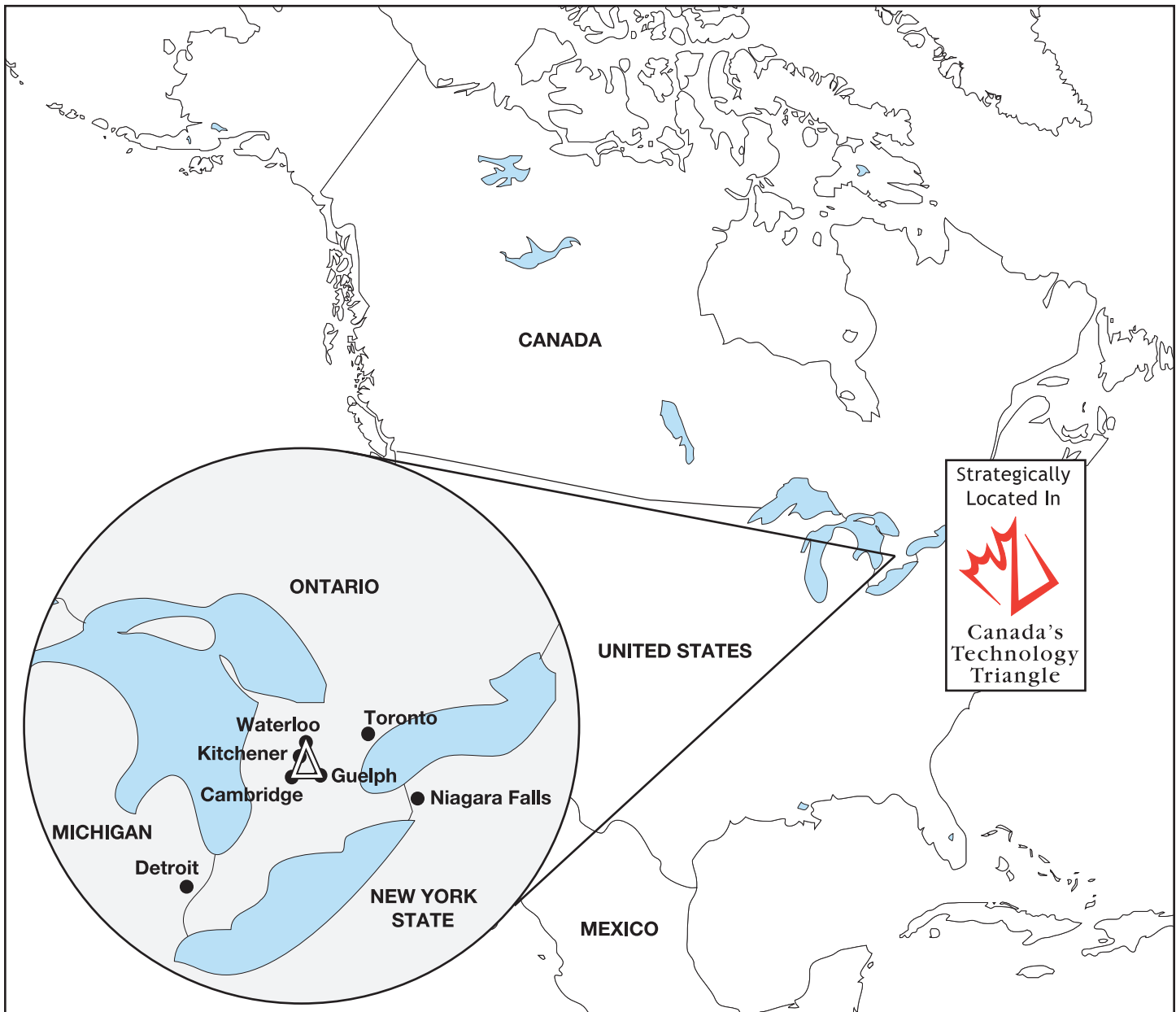
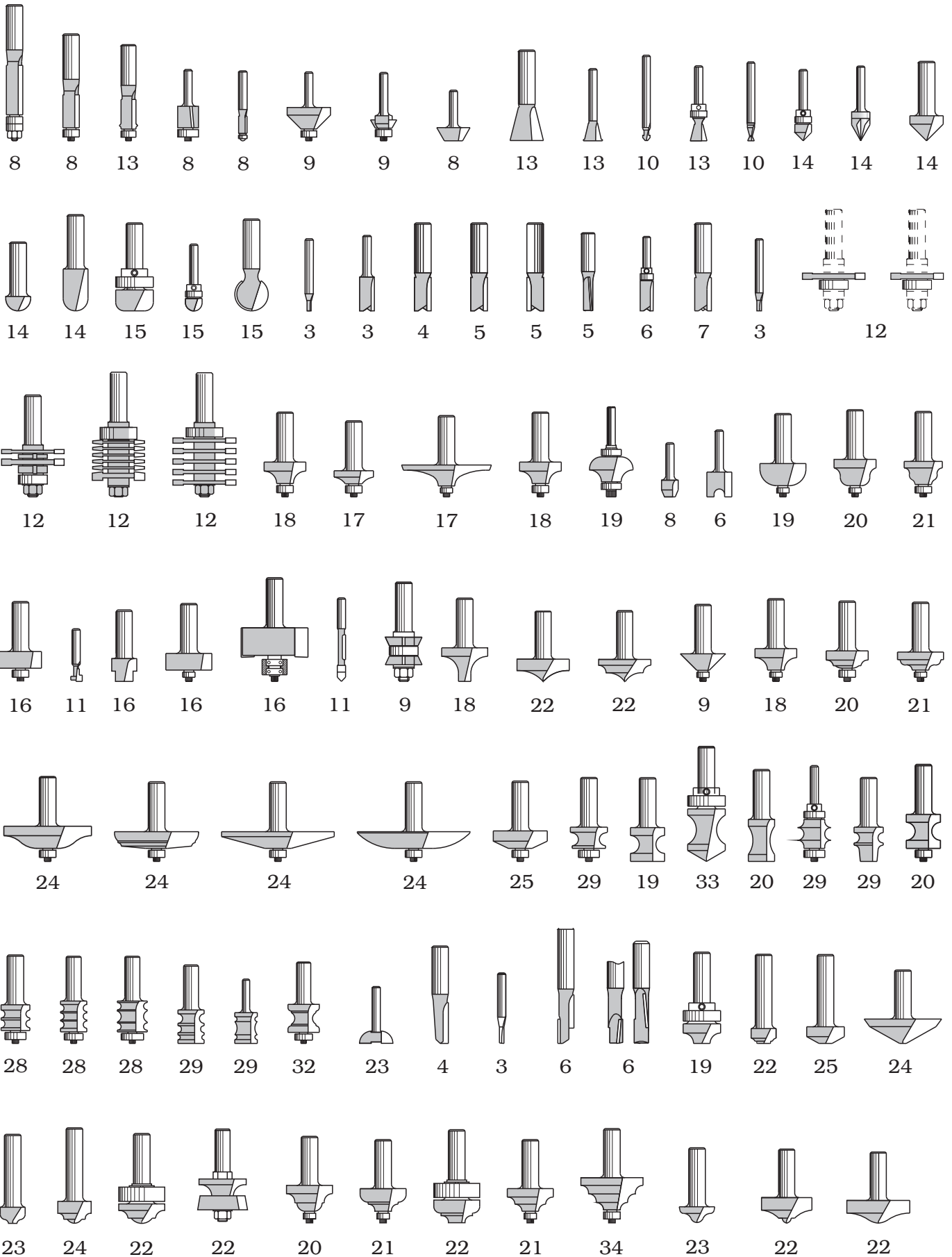
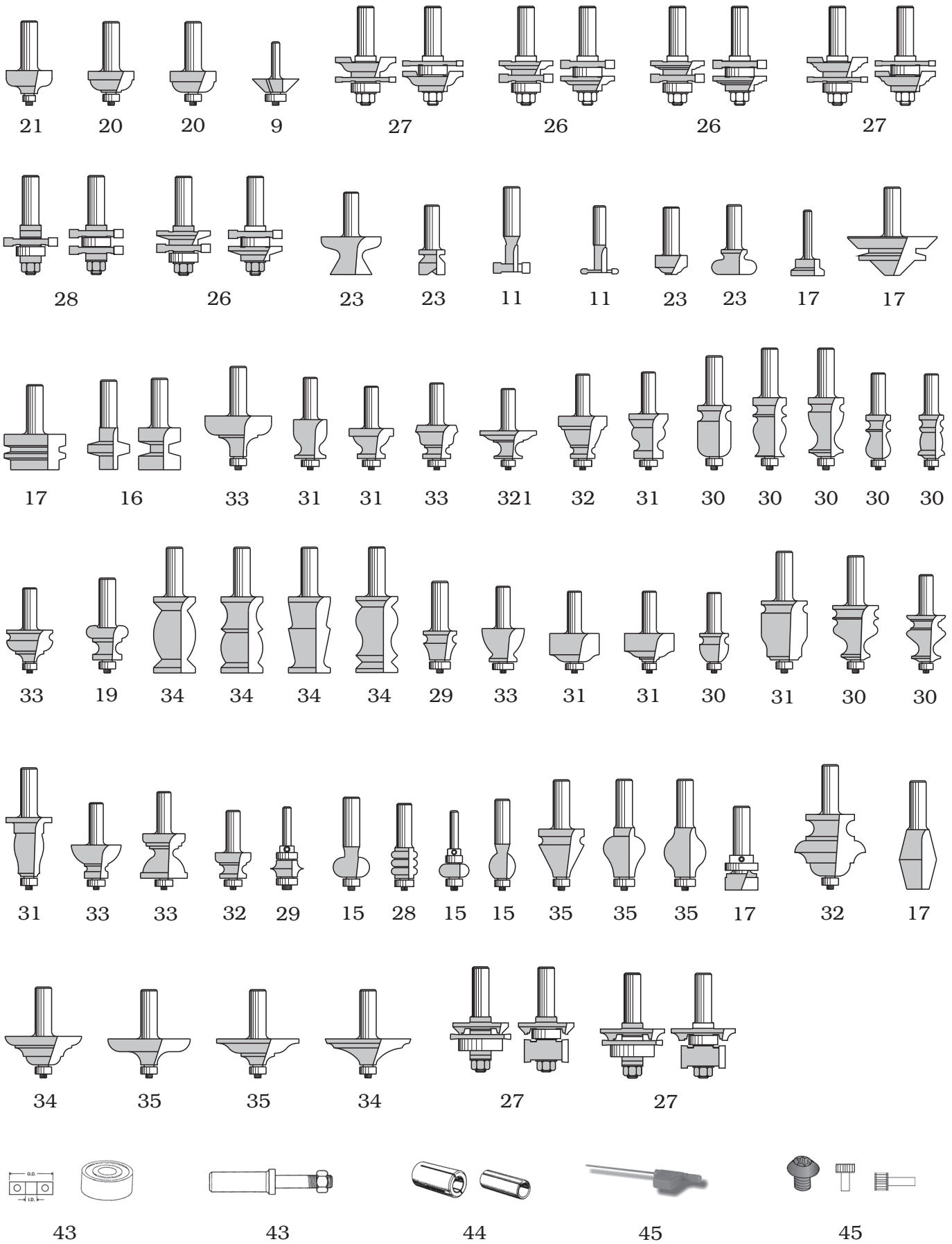


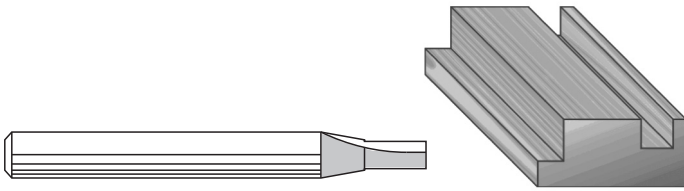
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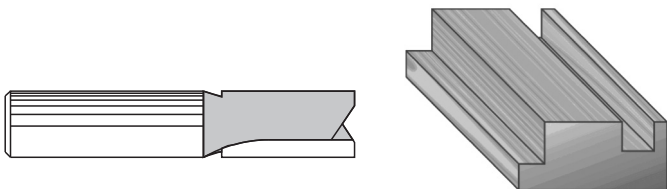






Straight Bits, 1/4" Shank, 1 Flute

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88000A*	1/16"	3/16"	1/4"	1-7/8"
LR88000*	1/8"	7/16"	1/4"	2"
LR88001*	5/32"	7/16"	1/4"	2"
LR88002*	3/16"	7/16"	1/4"	2"
LR88006*	7/32"	3/4"	1/4"	2"
LR88008	1/4"	1/2"	1/4"	2"
LR88012*	1/4"	3/4"	1/4"	2"
LR88016*	1/4"	1"	1/4"	2-1/4"
LR88020*	1/4"	1"	1/4"	2-7/8"
LR88024	9/32"	3/4"	1/4"	2"
LR88026	5/16"	1"	1/4"	2-1/4"
LR88028	3/8"	3/4"	1/4"	1-15/16"
LR88030	3/8"	1"	1/4"	2-3/8"
LR88032	1/2"	3/4"	1/4"	1-3/4"
LR88034	1/2"	1"	1/4"	2-1/8"
LR88036	5/8"	3/4"	1/4"	1-15/16"
LR88038	3/4"	3/4"	1/4"	1-3/4"

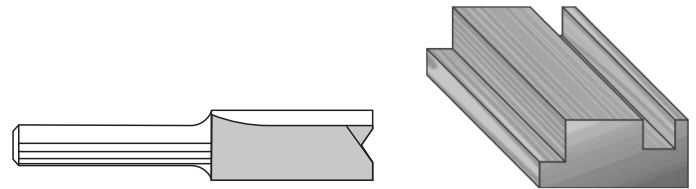


Straight Bits, 1/4" Shank, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88096	1/16"	3/16"	1/4"	1-7/8"
LR88098	3/32"	1/4"	1/4"	1-7/8"
LR88100L*	1/8"	7/16"	1/4"	2"
LR88100*	1/8"	5/16"	1/4"	2-3/16"
LR88102*	5/32"	7/16"	1/4"	2"
LR88104*	3/16"	7/16"	1/4"	2"
LR88105*	3/16"	5/8"	1/4"	2-1/8"
LR88106	7/32"	3/4"	1/4"	1-7/8"
LR88108	1/4"	1/2"	1/4"	2"
LR88110*	1/4"	3/4"	1/4"	2"
LR88112*	1/4"	1"	1/4"	2-1/4"
LR88116*	1/4"	1"	1/4"	2-7/8"
LR88120	9/32"	3/4"	1/4"	2"
LR88122*	9/32"	1"	1/4"	2-1/4"
LR88124	5/16"	3/4"	1/4"	2"
LR88128*	5/16"	1"	1/4"	2-1/4"
LR88134	3/8"	3/4"	1/4"	2"
LR88136	3/8"	1"	1/4"	2-1/4"

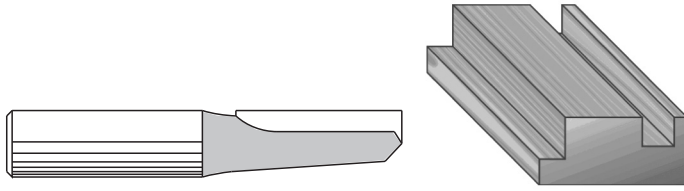
Two Flutes Continued

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88138*	3/8"	1-1/4"	1/4"	2-1/2"
LR88140	7/16"	3/4"	1/4"	2"
LR88142	7/16"	1"	1/4"	2-1/8"
LR88144	1/2"	3/4"	1/4"	2"
LR88146	1/2"	1"	1/4"	2-1/8"
LR88148	1/2"	1-1/4"	1/4"	2-1/2"
LR88150	9/16"	3/4"	1/4"	2-1/8"
LR88152	9/16"	1"	1/4"	2-1/2"
LR88154	5/8"	3/4"	1/4"	2"
LR88155	5/8"	1"	1/4"	2-1/4"
LR88156	11/16"	3/4"	1/4"	2"
LR88157	11/16"	1"	1/4"	2-1/4"
LR88158	3/4"	3/4"	1/4"	2"
LR88159	3/4"	1"	1/4"	2-1/4"
LR88160	13/16"	3/4"	1/4"	2"
LR88162	7/8"	3/4"	1/4"	2"
LR88164	15/16"	3/4"	1/4"	2"
LR88166	1"	3/4"	1/4"	2"



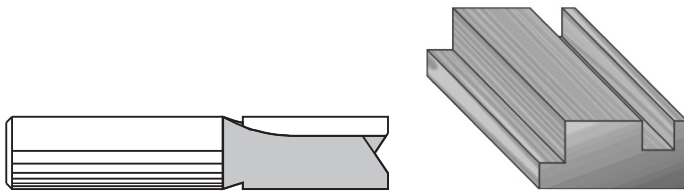
Straight Bits "Metric", 1/4" Shank, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88168*	3mm	7/16"	1/4"	1-9/16"
LR88170*	4mm	7/16"	1/4"	2"
LR88172*	5mm	7/16"	1/4"	2"
LR88174*	6mm	3/4"	1/4"	2"
LR88176	7mm	3/4"	1/4"	2"
LR88178	8mm	3/4"	1/4"	2"
LR88180*	8mm	1"	1/4"	2-1/4"
LR88182	9mm	3/4"	1/4"	2"
LR88184	10mm	3/4"	1/4"	2"
LR88186	11mm	3/4"	1/4"	2"
LR88188	12mm	3/4"	1/4"	2"
LR88190	13mm	3/4"	1/4"	2"
LR88192	14mm	3/4"	1/4"	2"
LR88194	15mm	3/4"	1/4"	2"
LR88196	16mm	3/4"	1/4"	2"
LR88198	16mm	1-1/4"	1/4"	2-1/4"
LR88200	17mm	3/4"	1/4"	2"
LR88202	18mm	3/4"	1/4"	2"
LR88204	19mm	3/4"	1/4"	2"
LR88206	20mm	3/4"	1/4"	2"
LR88208	21mm	3/4"	1/4"	2"
LR88210	22mm	3/4"	1/4"	2"
LR88212	25mm	3/4"	1/4"	2"



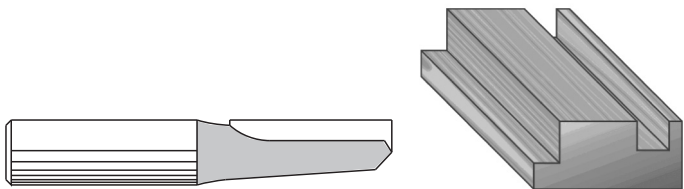
Straight Bits, 3/8" Shank, 1 Flute

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88300*	1/4"	3/4"	3/8"	2-1/4"
LR88310	3/8"	1"	3/8"	2-11/16"
LR88312*	3/8"	1-1/4"	3/8"	2-5/8"



Straight Bits, 3/8" Shank, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88314*	1/8"	7/16"	3/8"	2"
LR88316*	5/32"	7/16"	3/8"	2"
LR88317*	3/16"	7/16"	3/8"	2"
LR88320*	1/4"	3/4"	3/8"	2-1/4"
LR88324*	5/16"	1"	3/8"	2-1/2"
LR88326	3/8"	3/4"	3/8"	2-1/4"
LR88328	3/8"	1"	3/8"	2-1/2"
LR88330*	3/8"	1-1/4"	3/8"	2-3/4"
LR88332*	3/8"	1-1/4"	3/8"	3-3/8"
LR88336	7/16"	1"	3/8"	2-1/2"
LR88340	1/2"	1"	3/8"	2-1/2"
LR88342	1/2"	1-1/4"	3/8"	2-1/2"
LR88346	5/8"	3/4"	3/8"	2-1/4"
LR88350	13/16"	3/4"	3/8"	2-1/4"
LR88352	7/8"	3/4"	3/8"	2-1/4"
LR88354	1"	3/4"	3/8"	2-1/4"

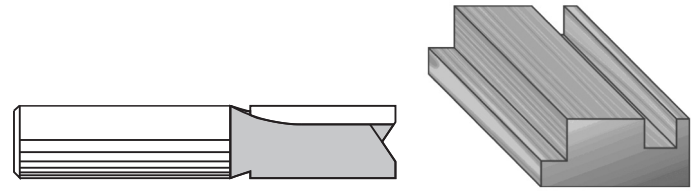


Straight Bits, 1/2" Shank, 1 Flute

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88400*	1/4"	3/4"	1/2"	2-1/2"
LR88404*	1/4"	1"	1/2"	2-1/2"
LR88408*	5/16"	1"	1/2"	2-3/4"
LR88414	3/8"	1"	1/2"	2-1/2"

One Flute Continued

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88416*	3/8"	1-1/4"	1/2"	2-3/4"
LR88420	1/2"	1"	1/2"	2-1/2"
LR88422	1/2"	1-1/4"	1/2"	2-7/8"
LR88424	1/2"	1-1/4"	1/2"	3-3/8"
LR88426	1/2"	1-1/2"	1/2"	3-1/8"
LR88428*	1/2"	2"	1/2"	4-1/4"
LR88432	1/2"	2-1/4"	1/2"	4-1/4"
LR88421	9/16"	1-1/4"	1/2"	2-7/8"
LR88423	5/8"	1-1/4"	1/2"	2-7/8"

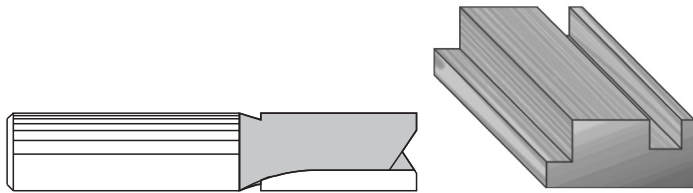


Straight Bits, 1/2" Shank, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88497	15/64"	3/4"	1/2"	2-1/2"
LR88498	1/4"	1/2"	1/2"	2"
LR88500*	1/4"	3/4"	1/2"	2-1/2"
LR88500L*	1/4"	1"	1/2"	2-1/2"
LR88504	5/16"	3/4"	1/2"	2-1/2"
LR88506*	5/16"	1"	1/2"	2-1/2"
LR88516	3/8"	3/4"	1/2"	2-1/2"
LR88518	3/8"	1"	1/2"	2-1/2"
LR88520*	3/8"	1-1/4"	1/2"	3"
LR88524	13/32"	1"	1/2"	2-3/4"
LR88528	7/16"	1"	1/2"	2-5/8"
LR88530	7/16"	1-1/4"	1/2"	3"
LR88532	31/64"	1"	1/2"	2-5/8"
LR88534	1/2"	1"	1/2"	2-5/8"
LR88536	1/2"	1-1/4"	1/2"	2-7/8"
LR88542	1/2"	1-1/2"	1/2"	3"
LR88544	1/2"	1-1/2"	1/2"	4-1/4"
LR88548*	1/2"	2"	1/2"	4-1/4"
LR88550*	1/2"	2-1/2"	1/2"	4-1/2"
LR88558	17/32"	1-1/4"	1/2"	2-7/8"
LR88560	9/16"	1"	1/2"	2-5/8"
LR88562	9/16"	1-1/4"	1/2"	2-7/8"
LR88564	5/8"	1"	1/2"	2-5/8"
LR88568	5/8"	1-1/4"	1/2"	2-7/8"
LR88570	5/8"	1-1/2"	1/2"	3"
LR88572	5/8"	2"	1/2"	3-5/8"
LR88578	21/32"	1-1/4"	1/2"	2-7/8"
LR88582	11/16"	1-1/4"	1/2"	2-7/8"
LR88584	23/32"	1-1/4"	1/2"	2-7/8"
LR88588	3/4"	1"	1/2"	2-5/8"
LR88590	3/4"	1-1/4"	1/2"	2-7/8"
LR88592	3/4"	1-1/2"	1/2"	3"
LR88594	3/4"	2"	1/2"	3-5/8"
LR88600	25/32"	1-1/4"	1/2"	2-7/8"
LR88602	13/16"	1"	1/2"	2-5/8"
LR88604	13/16"	1-1/4"	1/2"	2-7/8"
LR88606	7/8"	1"	1/2"	2-5/8"

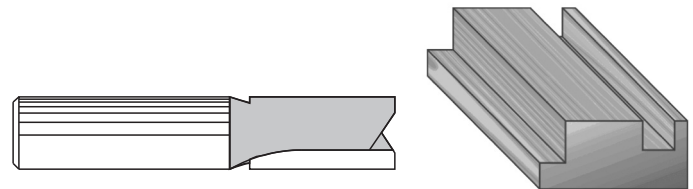
Two Flutes Continued

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88610	7/8"	1-1/4"	1/2"	2-7/8"
LR88612	15/16"	1-1/4"	1/2"	2-7/8"
LR88614	1"	1"	1/2"	2-5/8"
LR88616	1"	1-1/4"	1/2"	2-7/8"
LR88618	1"	1-1/2"	1/2"	3"
LR88620	1"	2"	1/2"	3-5/8"
LR88622	1-1/16"	1-1/4"	1/2"	2-7/8"
LR88628	1-1/8"	1-1/4"	1/2"	2-7/8"
LR88624	1-3/16"	1-1/4"	1/2"	2-7/8"
LR88632	1-1/4"	1-1/4"	1/2"	2-7/8"
LR88636	1-3/8"	1-1/4"	1/2"	2-7/8"
LR88638	1-1/2"	1-1/4"	1/2"	2-7/8"
LR88640	1-5/8"	1-1/4"	1/2"	2-7/8"
LR88642	1-3/4"	1-1/4"	1/2"	2-7/8"
LR88644	1-7/8"	1-1/4"	1/2"	2-7/8"
LR88646	2"	1-1/4"	1/2"	2-7/8"



Straight Bits, 1/2" Shank, "LH" 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88433	5/16"	3/4"	1/2"	2-1/2"
LR88434*	5/16"	1"	1/2"	2-3/4"
LR88435	3/8"	1"	1/2"	2-3/4"
LR88436	7/16"	1-1/4"	1/2"	3"
LR88437	1/2"	1-1/4"	1/2"	2-7/8"
LR88437A	1/2"	1-1/2"	1/2"	3"
LR88438*	1/2"	2"	1/2"	4-1/4"
LR88439	9/16"	1-1/4"	1/2"	2-7/8"
LR88440	5/8"	1-1/4"	1/2"	2-7/8"
LR88441	3/4"	1-1/4"	1/2"	2-7/8"
LR88442	3/4"	2"	1/2"	3-5/8"
LR88443	13/16"	1-1/4"	1/2"	2-7/8"
LR88444	7/8"	1-1/4"	1/2"	2-7/8"
LR88445	1"	1-1/4"	1/2"	2-7/8"

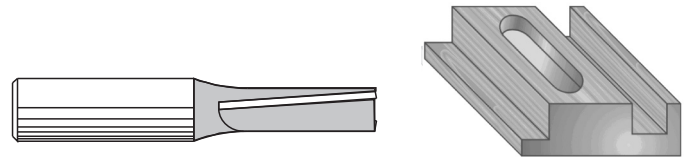


Straight Bits "Metric", 1/2" Shank, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88648*	6mm	3/4"	1/2"	2-1/2"
LR88650*	8mm	1"	1/2"	2-5/8"
LR88652	10mm	1"	1/2"	2-1/2"

Two Flutes Continued

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88654*	10mm	1-1/4"	1/2"	3"
LR88656	12mm	1"	1/2"	2-5/8"
LR88658	12mm	1-1/4"	1/2"	2-7/8"
LR88660	12mm	1-1/2"	1/2"	3"
LR88662*	12mm	2"	1/2"	4-1/4"
LR88664	14mm	1"	1/2"	2-5/8"
LR88668	16mm	1"	1/2"	2-5/8"
LR88670	16mm	1-1/4"	1/2"	2-7/8"
LR88672	16mm	1-1/2"	1/2"	3-1/8"
LR88674	18mm	1-1/4"	1/2"	2-7/8"
LR88676	19mm	1"	1/2"	2-5/8"
LR88678	19mm	1-1/4"	1/2"	2-7/8"
LR88680	19mm	1-1/2"	1/2"	3-1/8"
LR88682	20mm	1"	1/2"	2-5/8"
LR88684	20mm	1-1/4"	1/2"	2-7/8"
LR88686	22mm	1"	1/2"	2-5/8"
LR88688	25mm	1-1/4"	1/2"	2-7/8"
LR88690	25mm	1-1/2"	1/2"	3-1/8"
LR88692	27mm	1-1/4"	1/2"	2-7/8"
LR88694	30mm	1"	1/2"	2-5/8"
LR88696	35mm	1"	1/2"	2-5/8"
LR88698	40mm	1-1/4"	1/2"	2-7/8"
LR88700	51mm	1-1/4"	1/2"	2-7/8"



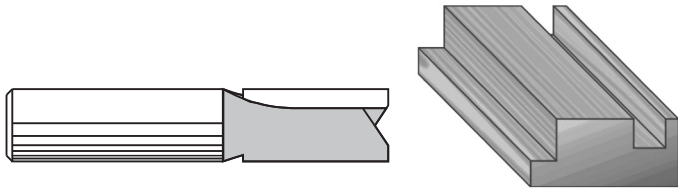
Down-Cut Shear Cut Straight Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88922	3/8"	1"	1/2"	2-3/4"
LR88926	1/2"	1-1/4"	1/2"	2-7/8"
LR88928	1/2"	1-1/2"	1/2"	3-1/8"
LR88930	1/2"	2"	1/2"	4-1/4"



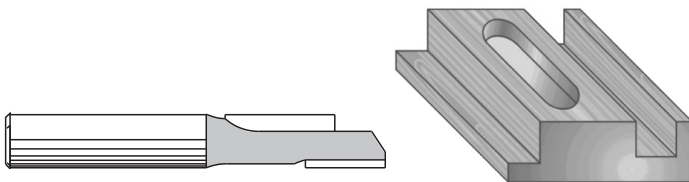
Up-Cut Shear Cut Straight Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88932	3/8"	1"	1/2"	2-3/4"
LR88934	1/2"	1"	1/2"	2-5/8"
LR88936	1/2"	1-1/4"	1/2"	2-7/8"
LR88938	1/2"	1-1/2"	1/2"	3-1/8"
LR88940	1/2"	2"	1/2"	4-1/4"
LR88942	3/4"	1-1/4"	1/2"	2-7/8"
LR88944	1"	1-1/4"	1/2"	2-7/8"



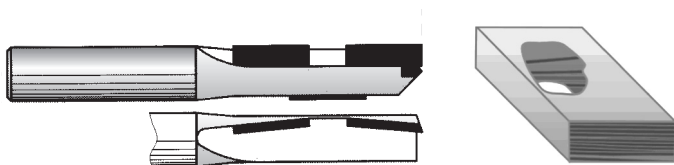
Straight Bits, 3/4" Shank, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88708	3/4"	2"	3/4"	4"
LR88774	3/4"	2-1/2"	3/4"	5"
LR88779	1"	3"	3/4"	5-1/8"



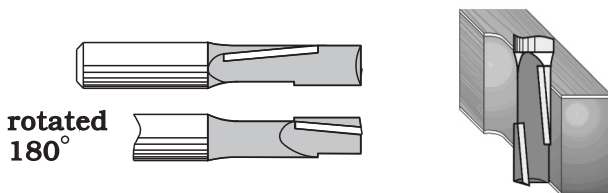
Stagger Tooth Straight Bits

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88801	1/4"	1"	1/4"	2-1/4"
LR88800	3/8"	1-3/8"	3/8"	3"
LR88802	3/8"	1-1/2"	1/2"	3-1/8"
LR88806	1/2"	1-3/4"	1/2"	3-1/4"
LR88808	1/2"	2-1/4"	1/2"	4"
LR88809	1/2"	2-1/4"	1/2"	4-1/4"



Compression Bits

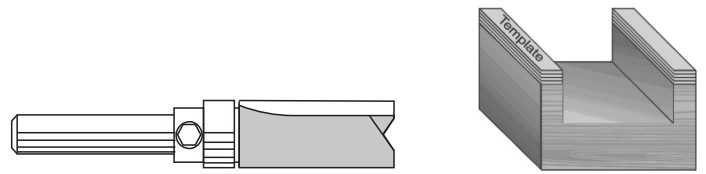
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88814	3/4"	2"	1/2"	4-1/4"
LR88815	3/4"	2"	3/4"	4-3/8"



rotated
180°

Stagger Shear Tooth Bits

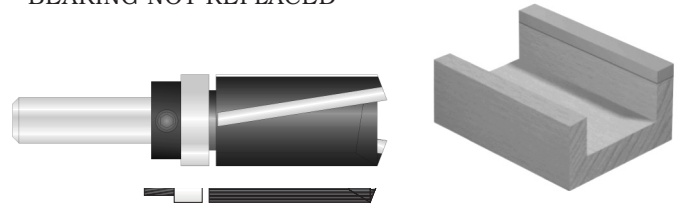
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88811	1/2"	1-1/4"	1/2"	3-1/8"
LR88812	1/2"	2"	1/2"	4-1/4"



Straight Bits, with Centre Bearing, 2 Flutes

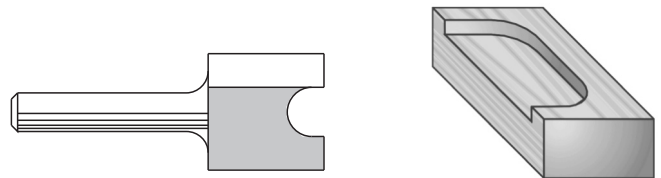
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Bearing
LR93067	1/2"	1/4"	1/4"	2"	LR95004A
LR93068	1/2"	1"	1/4"	2-1/2"	LR95004A
LR93068B	1/2"	1/2"	1/4"	2-1/4"	LR95004A
LR93068A	1/2"	1-1/4"	1/4"	2-3/4"	LR95004A
LR93069	5/8"	1"	1/4"	2-1/2"	LR95005
LR93070	3/4"	1"	1/4"	2-1/2"	LR95006
LR93072	3/4"	1-1/4"	1/4"	2-3/4"	LR95006
LR93072B	3/4"	1"	1/2"	3"	LR95006C
LR93072C	3/4"	2"	1/2"	3-5/8"	LR95006C
LR93073A*	1"	1"	3/8"	2-3/4"	
LR93073	1"	1-3/4"	1/2"	3-3/4"	LR95008E
LR93074	1-1/8"	1-1/2"	1/2"	3-5/8"	LR95009
LR93075	1-1/4"	1-3/4"	1/2"	4"	LR95009A
LR93071	1-1/2"	1-3/4"	1/2"	3-1/4"	LR95008B

* BEARING NOT REPLACED



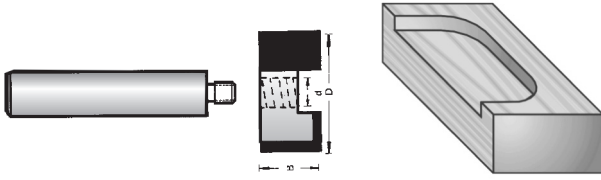
Down Shear Straight Bits, with Centre Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Bearing
LR93091	3/4"	1-1/4"	1/2"	3-5/16"	LR95006
LR93092	3/4"	1-1/2"	1/2"	3-1/2"	LR95006
LR93093	3/4"	2"	1/2"	4"	LR95006



Mortising Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR89000	1/2"	3/4"	1/4"	2"
LR89002	5/8"	3/4"	1/4"	2"
LR89004	3/4"	3/4"	1/4"	2"
LR89005	1"	3/4"	1/4"	2"
LR89006	1-1/4"	1-1/4"	1/2"	2-7/8"
LR89006A	1-1/4"	9/16"	1/4"	2"

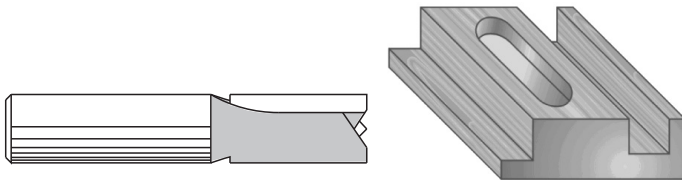


Mortising Bits, 2 Flutes, Screw Type

Part Number	Cutting Dia	Cutting Length	Thread Hole
LR89007	5/8"	1/2"	1/4 - 28 Thread
LR89008	3/4"	1/2"	1/4 - 28 Thread
LR89009	1"	1/2"	1/4 - 28 Thread
LR89010	1-1/4"	5/8"	1/4 - 28 Thread

Replacement Shanks:

LR95106 = 1/4" Shank x 1/4 - 28 Thread
 LR95108 = 1/2" Shank x 1/4 - 28 Thread



Bottom Carbide Straight Bits, for Plunging, 1/4" Shank, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88124BP	5/16"	3/4"	1/4"	2"
LR88134BP	3/8"	3/4"	1/4"	2"
LR88136BP	3/8"	1"	1/4"	2-1/4"
LR88144BP	1/2"	3/4"	1/4"	2"
LR88146BP	1/2"	1"	1/4"	2-1/8"
LR88154BP	5/8"	3/4"	1/4"	2"
LR88162BP	7/8"	3/4"	1/4"	2"
LR88166BP	1"	3/4"	1/4"	2"

Bottom Carbide Straight Bits, for Plunging, 1/2" Shank, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR88504BP	5/16"	3/4"	1/2"	2-1/2"
LR88520BP	3/8"	1-1/4"	1/2"	3"
LR88528BP	7/16"	1"	1/2"	2-3/4"
LR88534BP	1/2"	1"	1/2"	2-5/8"
LR88536BP	1/2"	1-1/4"	1/2"	2-7/8"
LR88544BP	1/2"	1-1/2"	1/2"	3-1/8"
LR88548BP	1/2"	2"	1/2"	4-1/4"
LR88568BP	5/8"	1-1/4"	1/2"	2-7/8"
LR88572BP	5/8"	2"	1/2"	3-3/4"
LR88588BP	3/4"	1"	1/2"	2-5/8"
LR88610BP	7/8"	1-1/4"	1/2"	2-7/8"
LR88614BP	1"	1"	1/2"	2-5/8"
LR88639BP	1-5/8"	1"	1/2"	2-5/8"
LR88642BP	1-3/4"	1-1/4"	1/2"	2-7/8"
LR88644BP	1-7/8"	1-1/4"	1/2"	2-7/8"

CHIP BREAKER BITS



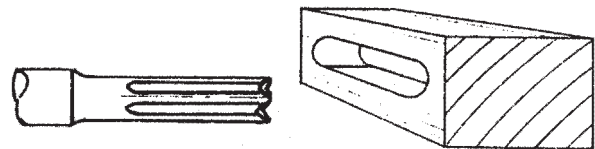
This type of router bit is ideal for cutting hardboard and chipboard at high feed rates. Each flute is ground so that chip breakers offset each other, giving a straight cut.

Any double flute router bit in this catalog can be ordered as a Chip Breaker bit by writing the letters "CB" after the catalog number of that bit.

Reciprocating Slot Mortise Bits, 4 Flutes

Shank Diam = 13mm x 50mm
 For **Balestrini Machines**

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR89050	6mm	45mm	13mm	100mm
LR89052	7mm	45mm	13mm	100mm
LR89054	8mm	45mm	13mm	100mm
LR89056	9mm	45mm	13mm	100mm
LR89058	10mm	55mm	13mm	110mm
LR89060	11mm	55mm	13mm	110mm
LR89062	12mm	55mm	13mm	110mm
LR89064	13mm	55mm	13mm	110mm
LR89066	14mm	55mm	13mm	110mm
LR89068	15mm	55mm	13mm	110mm
LR89070	16mm	55mm	13mm	110mm

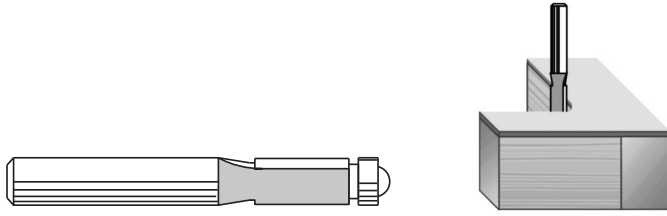


Slot Mortise Bits, 3 Flutes

Shank Diam = 16mm x 50mm
 For **Bacci Machines** (Right & Left Hand Rotations)

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR89072	6mm	55mm	16mm	110mm
LR89076	8mm	55mm	16mm	110mm
LR89080	10mm	55mm	16mm	110mm
LR89084	12mm	55mm	16mm	110mm
LR89088	14mm	60mm	16mm	115mm
LR89092	16mm	60mm	16mm	115mm
LR89094	18mm	60mm	16mm	115mm
LR89096	20mm	60mm	16mm	115mm

Add "L" to end of part number for **LEFT HAND** rotation

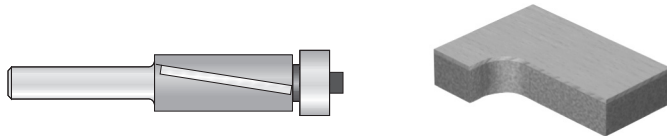


Flush Trim Bits, with Bearing

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Bearing
Double Flute					
LR92998	1/4"	1"	1/4"	2-1/2"	LR95001
LR92999	1/4"	1/2"	1/4"	2"	LR95001
LR93000	3/8"	1"	1/4"	2-5/8"	LR95000
LR93002	3/8"	1/2"	1/4"	2-1/4"	LR95000
LR93004	1/2"	1"	1/4"	2-5/8"	LR95004
LR93006	1/2"	1/2"	1/4"	2-1/4"	LR95004
LR93008	1/2"	1"	1/2"	3-1/4"	LR95004
LR93010	1/2"	1/2"	1/2"	2-3/4"	LR95004
LR93012	1/2"	1-1/2"	1/4"	3-3/8"	LR95004
LR93008L	1/2"	1-1/2"	1/2"	3-7/8"	LR95004
LR93008X	1/2"	2"	1/2"	4-1/4"	LR95004
LR93009	1/2"	1"	3/8"	2-3/4"	LR95004
LR93007	5/8"	5/8"	1/4"	2-1/4"	LR95005B
LR93013	3/4"	1"	1/2"	3"	LR95006

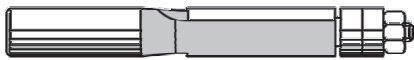
Triple Flute

LR93050	1/2"	1"	1/4"	2-5/8"	LR95004
LR93052	1/2"	1/2"	1/4"	2-1/4"	LR95004
LR93054	1/2"	1"	1/2"	3-1/4"	LR95004
LR93056	1/2"	1/2"	1/2"	2-3/4"	LR95004
LR93058	1/2"	1-1/2"	1/2"	3-7/8"	LR95004
LR93053	7/8"	1/2"	1/4"	2-1/4"	LR95008F



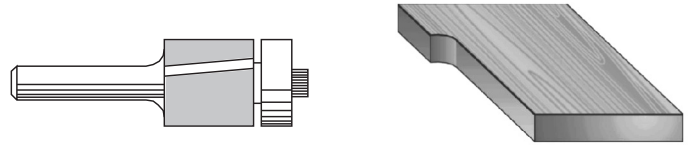
Up-Shear Flush Trim Bits, with Bearing

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Bearing
Double Flute					
LR93020	1/2"	1"	1/4"	2-5/8"	LR95004
LR93021	3/4"	1/2"	1/2"	4"	LR95006
LR93022	3/4"	2"	1/2"	4-5/8"	LR95006



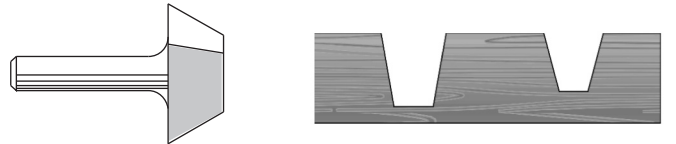
Flush Trim Bits, with Double Bearing

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Bearing
Double Flute					
LR93076	1/2"	1-1/2"	1/2"	4-1/16"	LR95004
LR93078	1/2"	2"	1/2"	4-1/2"	LR95004
Triple Flute					
LR93080	1/2"	1-1/2"	1/2"	4-1/16"	LR95004



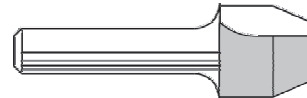
Helix Laminate Flush Trim Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Bearing
LR93202	1/2"	1"	1/4"	2-5/8"	LR95004
LR93203	1/2"	1"	1/2"	3"	LR95004
LR93199	5/8"	5/8"	1/4"	2-3/16"	LR95005
LR93200	3/4"	5/8"	1/4"	2-3/8"	LR95006
LR93201	3/4"	1"	1/4"	2-7/8"	LR95006
LR93204	3/4"	1-1/2"	1/2"	4"	LR95006
LR93205	3/4"	2"	1/2"	4-1/2"	LR95006



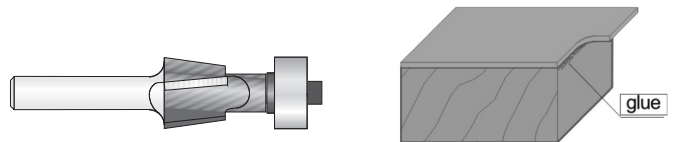
Bevel Bits, No Plunge, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Bevel
LR93082	9/16"	5/8"	1/4"	1-3/4"	10 Deg
LR93084	1/2"	1/2"	1/4"	2"	15 Deg
LR93088	7/8"	3/8"	1/4"	1-5/8"	23 Deg
LR93098	1"	3/8"	1/4"	1-5/8"	30 Deg
LR93099	1-3/8"	3/8"	1/4"	1-5/8"	45 Deg



Combination: Bevel & Flush Trim Bits

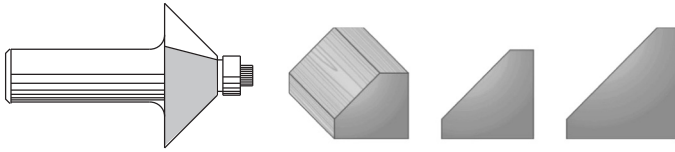
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Bevel	# of Wings
LR93408	3/8"	1/2"	1/4"	1-5/8"	23 Deg	2
LR93401	1/2"	1/2"	1/4"	1-5/8"	23 Deg	1
LR93404	1/2"	1/2"	1/4"	1-5/8"	23 Deg	2
LR93403	1/2"	1/2"	1/4"	1-5/8"	30 Deg	2
LR93400	1/2"	1/2"	1/4"	1-5/8"	45 Deg	2



Bevel Trim Bit with Down Shear, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Bevel
LR93101	19/32"	1/2"	1/4"	2-5/16"	8 Deg

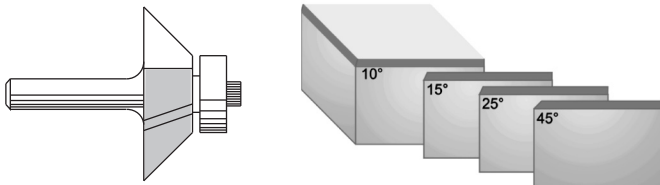
Replacement Bearings: LR95004



Chamfer Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Bevel
A LR91500	1-1/4"	1/2"	1/4"	2"	45 Deg
A LR91504	1-1/4"	1/2"	1/2"	2-3/8"	45 Deg
B LR91508	2"	3/4"	1/2"	2-5/8"	45 Deg
B LR91512	2-1/2"	1"	1/2"	2-13/16"	45 Deg

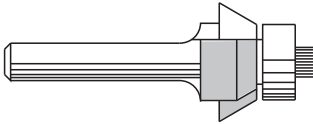
Replacement Bearings: (A) LR95002 (B) LR95004



Chamfer Bits, with Bearing, 3 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Bevel
LR93040	3/4"	3/8"	1/4"	1-7/8"	10 Deg
LR93042	13/16"	3/8"	1/4"	1-7/8"	15 Deg
LR93044	15/16"	3/8"	1/4"	1-7/8"	25 Deg
LR93046	1-7/16"	3/8"	1/4"	1-7/8"	45 Deg

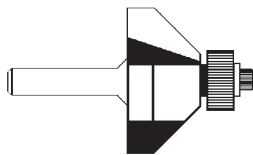
Replacement Bearing: LR95005B



Chamfer Bits, with Bearing, 2 Flutes

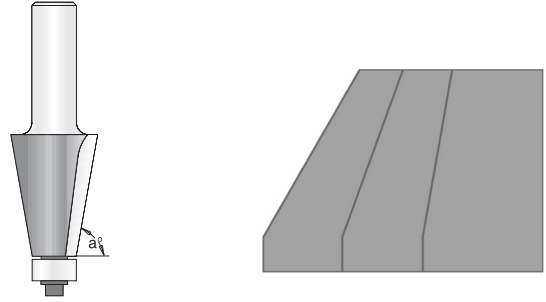
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Bevel
A LR93060	1/2"	1/4"	1/4"	2-1/8"	0 Deg
A LR93062	5/8"	1/4"	1/4"	2-1/8"	15 Deg
C LR93062A	5/8"	1/2"	1/4"	2"	15 Deg
A LR93064	3/4"	1/4"	1/4"	2-1/8"	25 Deg
B LR93066	1"	1/4"	1/4"	2-1/8"	45 Deg
B LR93066A	1"	3/8"	1/4"	2"	15 Deg

Replacement Bearings: (A) LR95004 (B) LR95006 (C) LR95002



Bevel Bit, 2 Flutes

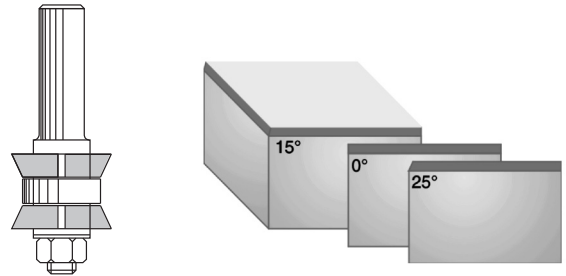
Part Number	Cutting Dia	Cutting Height	Shank Dia	Overall Length	Bevel
LR93107	1-3/8"	11/16"	1/4"	2-1/4"	45 Deg



Bevel Bits with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Axis
LR93102	2-3/32"	1-1/8"	1/2"	3-5/16"	60 Deg
LR93103	1-41/64"	1-1/8"	1/2"	3-5/16"	67.5 Deg
LR93104	1-1/2"	1-1/8"	1/2"	3-5/16"	70 Deg
LR93105	1-15/64"	1-1/8"	1/2"	3-5/16"	75 Deg
LR93106	1"	1-1/8"	1/2"	3-5/16"	80 Deg

Replacement Bearings: LR95004



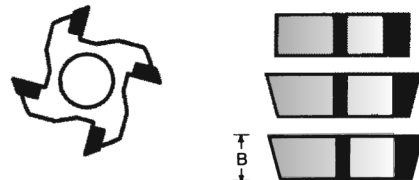
Trim Cutter Assembly

Part Number	Cutting Dia	Cutting Length	Shank Dia	Bevel
LR93100	7/8"	1/4"	1/4"	0 Degree
LR93108	7/8"	1/4"	1/2"	0 Degree
LR93110	1"	1/4"	1/4"	15 Degree
LR93118	1"	1/4"	1/2"	15 Degree
LR93120	1-1/16"	1/4"	1/4"	25 Degree
LR93128	1-1/16"	1/4"	1/2"	25 Degree

Replacement Parts:

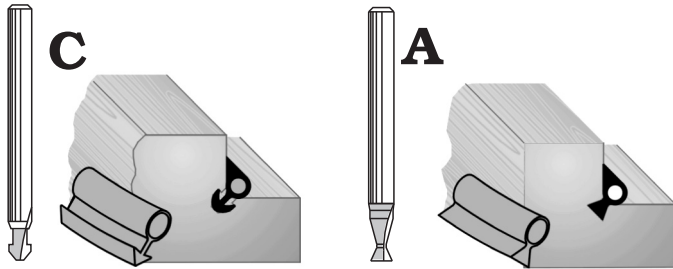
Ball Bearing: LR95008
 Shank 1/4": LR95100
 Shank 1/2": LR95104

Assembly comes with
 1 cutter only
 (not as illustrated)



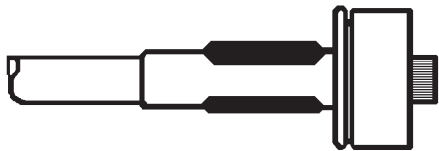
4 Wing Cutters Only

Part Number	Cutting Dia	Cutting Height	Inside Dia	Bevel
LR93140	7/8"	1/4"	5/16"	0 Degree
LR93150	1"	1/4"	5/16"	15 Degree
LR93160	1-1/16"	1/4"	5/16"	25 Degree



Tee/Bumper Moulding Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Bevel
LR89400A	13/64"	5/32"	1/4"	2-3/8"	25 Deg
LR89400C	19/64"	15/32"	1/4"	2-9/16"	38 Deg



Laminate Overhang Trim Bit, Carbide Tipped

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overhang	Overall Length
LR93500	3/8"	1/2"	1/4"	3/16"	2-13/16"



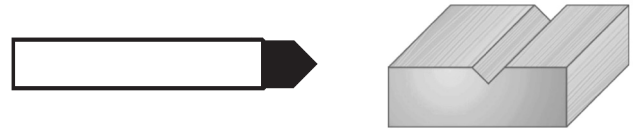
Flush Trimming Bits, Solid Carbide

Part Number	Cutting Dia	Cutting Length	Shank Dia	Bevel	Overall Length
LR94000	1/4"	1/4"	1/4"	0 Degree	1-1/2"
LR94002	1/4"	3/8"	1/4"	0 Degree	1-1/2"



Bevel Trimming Bits, Solid Carbide

Part Number	Cutting Dia	Cutting Length	Shank Dia	Bevel	Overall Length
LR94004	3/16"	1/4"	1/4"	7 Degree	1-1/2"
LR94005	3/16"	1/4"	1/4"	7 Degree	2-1/2"



V-Groove and Scorer, 90 Degree, Solid Carbide

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR89298	1/8"	1/4"	1/4"	1-1/2"
LR89299	3/16"	1/4"	1/4"	1-1/2"
LR89300	1/4"	1/4"	1/4"	1-1/2"



Rip & Slotter Bit, Solid Carbide

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94300	1/4"	1/4"	1/4"	1-1/2"



Flush Trimmer Bits, with Boring Point, Solid Carbide

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94010	1/4"	1/4"	1/4"	1-1/2"
LR94012	1/4"	3/8"	1/4"	1-1/2"



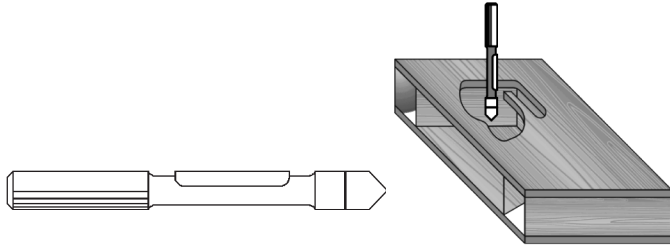
Flush & Bevel Trimming Bit, Solid Carbide

Part Number	Cutting Dia	Cutting Length	Shank Dia	Bevel	Overall Length
LR94008	1/4"	3/8"	1/4"	0+7 Degree	1-1/2"



Round Bottom Veining Bits, Solid Carbide

Part Number	Cutting Dia	Cutting Length	Shank Dia	Radius	Overall Length
LR89200	1/8"	1/4"	1/4"	1/16"	1-1/2"
LR89202	3/16"	1/4"	1/4"	3/32"	1-1/2"
LR89204	1/4"	11/32"	1/4"	1/8"	1-1/2"



HSS Straight Edge Panel Bits

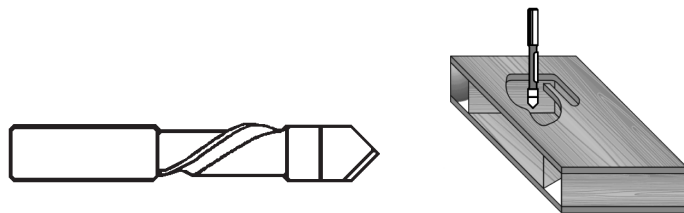
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
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Single Flute

LR82000	1/4"	3/4"	1/4"	2-5/8"
LR82006	5/16"	3/4"	1/4"	2-5/8"
LR82010	3/8"	3/4"	3/8"	2-5/8"
LR82012	3/8"	7/8"	3/8"	3"
LR82016	1/2"	1"	1/2"	3-1/2"

Double Flute

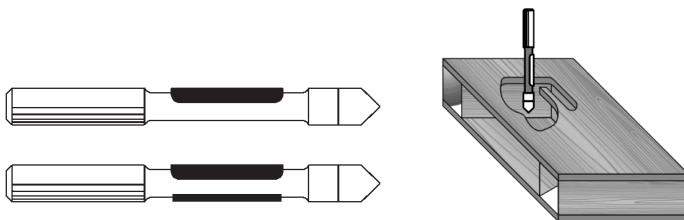
LR82100	1/4"	3/4"	1/4"	2-5/8"
LR82106	3/8"	7/8"	3/8"	2-3/4"



HSS Single Edge Downcut Panel Pilots

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
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LR82300	1/4"	3/4"	1/4"	2-5/8"
LR82304	3/8"	7/8"	3/8"	3-1/2"
LR82306	1/2"	1-3/4"	1/2"	4-1/2"



Carbide Tipped Straight Edge Panel Bits

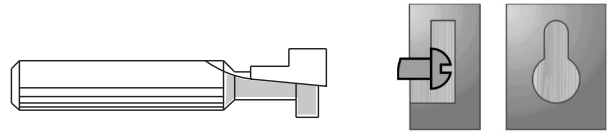
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
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Single Flute

LR90000	1/4"	3/4"	1/4"	2-5/8"
LR90004	3/8"	1"	3/8"	2-7/8"
LR90008	1/2"	1-3/16"	1/2"	3-1/2"
LR90012	1/2"	2"	1/2"	4-3/4"

Double Flute

LR90030	3/8"	1"	1/4"	2-7/8"
LR90034	3/8"	1"	3/8"	2-7/8"
LR90038	1/2"	1-3/16"	1/2"	3-1/2"
LR90042	1/2"	2"	1/2"	4-3/4"



Key Hole Bits

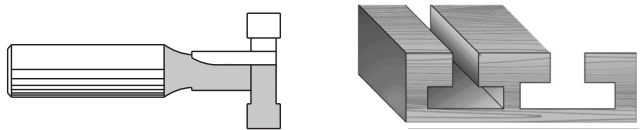
Part Number	Cutting Dia	Cutting Length	Shank Dia	Neck Dia
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Carbide Tipped, 1 Flute

LR83450	3/8"	3/8"	1/4"	3/16"
LR83452	1/2"	3/8"	1/4"	5/16"

Solid Carbide, 2 Flutes

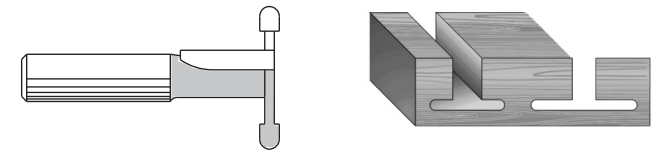
LR89452	25/64"	3/8"	1/4"	3/16"
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T-Slot Bits, 2 Flutes (Straight)

Part Number	Large Dia	Small Dia	Cutting Length	Shank Dia	Overall Length
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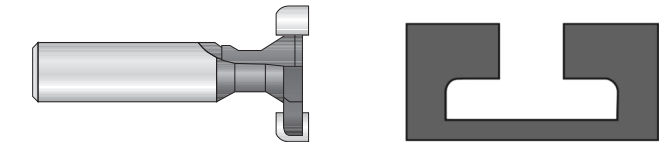
LR89455	1-3/32"	3/8"	5/16"	1/2"	2-5/8"
LR89457	1-3/32"	3/8"	5/16"	3/8"	2-3/8"
LR89456	1-3/8"	1/2"	3/8"	1/2"	2-9/16"



T-Slot Bits, 2 Flutes (Radius)

Part Number	Large Dia	Small Dia	Cutting Length	Shank Dia	Overall Length	Radius
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LR89458A	1-1/8"	7/16"	5/32"	1/2"	2-1/16"	5/32"
LR89458	1-1/8"	7/16"	5/32"	3/8"	2-5/32"	5/32"
LR89459	1-39/64"	3/8"	5/32"	1/2"	2-1/16"	5/32"



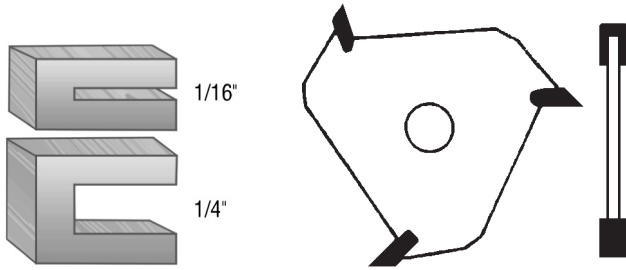
LR89453	1-3/16"	13/32"	21/32"	1/2"	2-3/8"
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T-Slot Bits, 2 Flutes (Bevelled)

Part Number	Large Dia	Small Dia	Cutting Length	Shank Dia	Overall Length
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LR89454	1-3/8"	11/32"	17/32"	1/2"	2"
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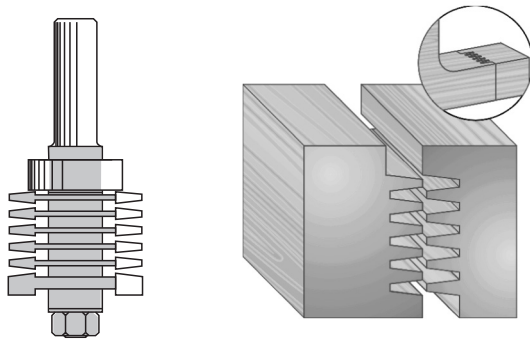
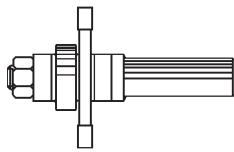
Slotting Cutters, 3 Wings

Part Number	Cutting Dia	Spindle Dia	Kerf	Depth of Cut
LR92321	1-7/8"	5/16"	1/16"	1/2"
LR92331	1-7/8"	5/16"	.065"	1/2"
LR92341	1-7/8"	5/16"	.070"	1/2"
LR92361	1-7/8"	5/16"	.075"	1/2"
LR92351	1-7/8"	5/16"	5/64"	1/2"
LR92371	1-7/8"	5/16"	.085"	1/2"
LR92391	1-7/8"	5/16"	3/32"	1/2"
LR92401	1-7/8"	5/16"	.110"	1/2"
LR92411	1-7/8"	5/16"	1/8"	1/2"
LR92421	1-7/8"	5/16"	.140"	1/2"
LR92431	1-7/8"	5/16"	5/32"	1/2"
LR92441	1-7/8"	5/16"	3/16"	1/2"
LR92461	1-7/8"	5/16"	1/4"	1/2"

2 & 4 wing cutters available upon request

Parts for Cutter Assemblies:

- 1/4" Shank: LR95100
- 3/8" Shank: LR95102
- 1/2" Shank: LR95104
- 1/2" CNC Shank: LR95110
- Ball Bearing: LR95008

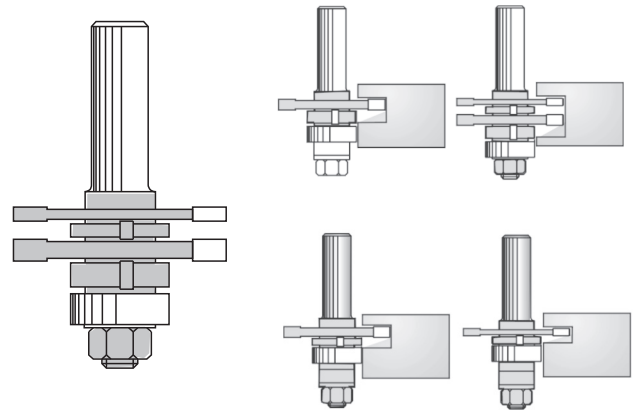


Finger Joint Bit, 3 Wings

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR85733	1-9/16"	1-3/16"	1/2"	3-3/4"

Replacement Parts:

- Finger Slot Cutter: LR85734 - 5pcs
- Abutting Edge Cutter: LR85735 - 1pc
- Arbor & Nut 1/2": LR95105A
- Ball Bearing: LR95010
- Spacers: LR95308 (3.4mm) 6pcs
- Washers: LR95306 (1.0mm) 2pcs
- Shims: LR95304 (0.5mm) 1pc
- LR95302 (0.1mm) 10pcs

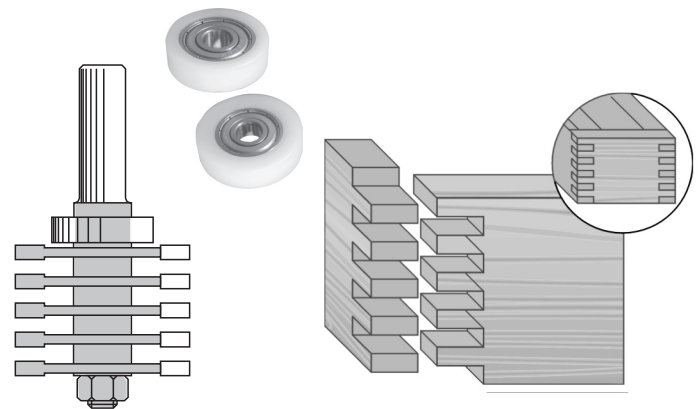


Multipurpose Slotting Cutters Set, 2 Wings

Part Number	Cutting Dia	Spindle Dia	Shank Dia	Depth of Cut
LR92500	1-7/8"	5/16"	1/2"	1/2"

Complete Set consists of:

- Four 2 wing slotting cutters marked:
 - Cutter "A" (3.2mm) LR92501A
 - Cutter "B" (4.0mm) LR92501B
 - Cutter "C" (4.8mm) LR92501C
 - Cutter "D" (6.3mm) LR92501D
- Arbor & Nut 1/2": LR95105
- Ball Bearing: LR95008
- Spacers: LR95309 (6.0mm) 3pcs
- Washers: LR95306 (1.0mm) 5pcs
- Shims: LR95304 (0.5mm) 4pcs
- LR95302 (0.1mm) 10pcs

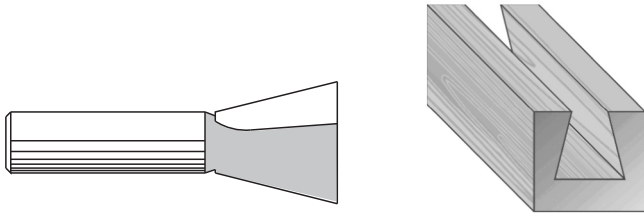


Box Joint Set, 3 Wings

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR92737	1-7/8"	1-3/8"	1/2"	3-3/4"

Replacement Parts:

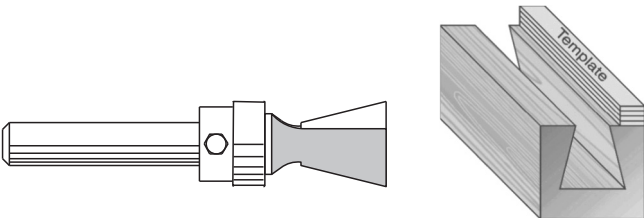
- Slotting Cutter: LR92431 - 5pcs
- Arbor & Nut 1/2": LR95105A
- Ball Bearings: LR95023, LR95025, LR95026
- Spacers: LR95311 (5.5mm) 4pcs
- Washers: LR95306 (1.0mm) 1pc
- Shims: LR95304 (0.5mm) 1pc



Dovetail Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Degree Ea Side
LR89400A	13/64"	5/32"	1/4"	2-3/8"	25 Degree
LR89400B	1/4"	5/16"	1/4"	2-1/2"	7 Degree
LR89400	5/16"	3/8"	1/4"	2-1/2"	9 Degree
LR89409	5/16"	3/8"	1/2"	2-1/2"	9 Degree
LR89402	3/8"	3/8"	1/4"	1-5/8"	9 Degree
LR89410	3/8"	3/8"	1/2"	1-5/8"	9 Degree
LR89406	3/8"	3/8"	3/8"	2"	9 Degree
LR89404	1/2"	1/2"	1/4"	1-3/4"	14 Degree
LR89412	1/2"	1/2"	1/2"	2-3/16"	14 Degree
LR89413	17/32"	1/2"	1/4"	1-3/4"	14 Degree
LR89414	5/8"	5/8"	1/2"	2-3/8"	7 Degree
LR89415	5/8"	7/8"	1/2"	2-1/16"	7 Degree
LR89416	3/4"	7/8"	1/2"	2-1/2"	7 Degree
LR89417	3/4"	3/4"	1/2"	2-1/2"	14 Degree
LR89418	7/8"	7/8"	1/2"	2-5/8"	7 Degree
LR89419	7/8"	7/8"	1/2"	2-5/8"	14 Degree
LR89420	1"	1"	1/2"	2-5/8"	14 Degree
LR89421	1-1/8"	3/4"	1/2"	2-3/8"	7 Degree
LR89422	1-1/4"	1"	1/2"	2-5/16"	14 Degree

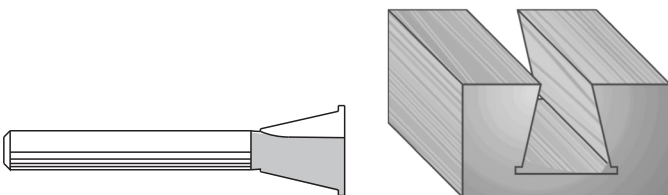
Add "L" to end of part number for **LEFT HAND** rotation



Dovetail Bit, with Bearing, 2 Flutes

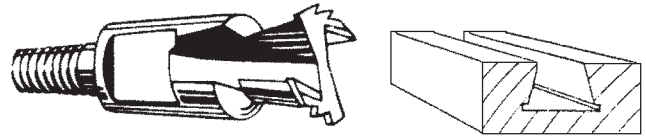
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Degree Ea Side
LR94272	1/2"	1/2"	1/4"	2-1/4"	14 Degree

Replacement Bearing: LR95004A



Dovetail Bit, with Spurs, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Degree Ea Side
LR89423	9/16"	17/32"	1/4"	2-3/16"	14 Degree

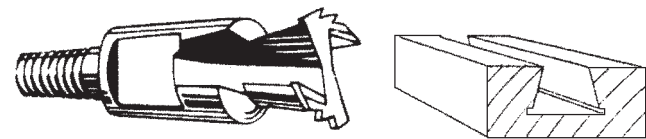


Carbide Tipped Auto Dovetail Bits

Threaded shank for: Wyson-Miles, Dodds or Bell machines

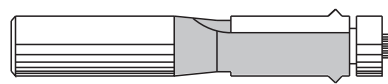
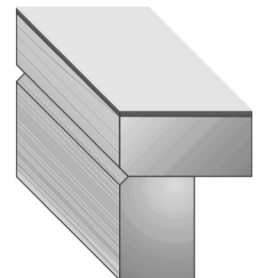
LR89500 (Series)

NOTE: Available Upon Request Only



Carbide Tipped Auto Dovetail Bits

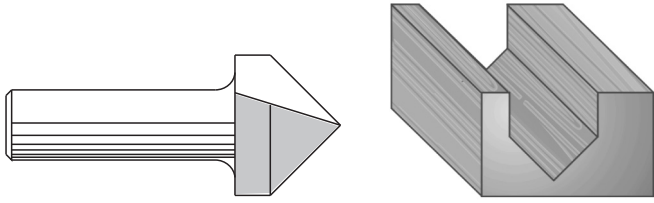
Part Number	Large Dia	Tail Length	Shank Dia
High Speed Steel			
LR89541	1/2"	3/8"	3/8-20 Thread
Carbide Tipped			
LR89641	1/2"	3/8"	3/8-20 thread



Flush Trim "V" Groove Bits, with Bearing, 2 Flutes

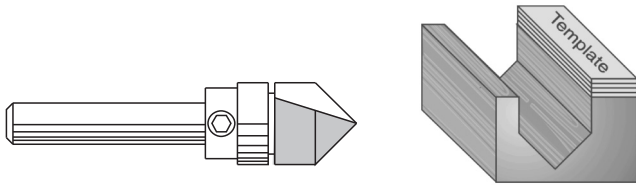
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR93034	1/2"	1"	1/4"	2-5/8"
LR93038	1/2"	1"	1/2"	3-1/4"

Replacement Bearing: LR95004



"V" Grooving Bits, 2 Flutes

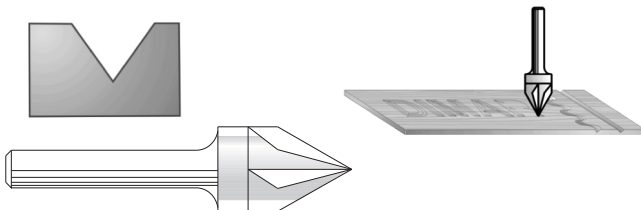
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Degree
LR89302	3/8"	3/8"	1/4"	1-3/4"	90 Degree
LR89302A	3/8"	1/2"	1/2"	1-3/4"	90 Degree
LR89303	1/2"	1/2"	1/4"	1-3/4"	90 Degree
LR89303A	1/2"	1/2"	1/2"	2-1/8"	90 Degree
LR89304	5/8"	1/2"	1/4"	1-3/4"	90 Degree
LR89304A	5/8"	1/2"	1/2"	2-1/8"	90 Degree
LR89305	3/4"	1/2"	1/4"	1-3/4"	90 Degree
LR89306	3/4"	5/8"	1/2"	2-1/4"	90 Degree
LR89309	7/8"	5/8"	1/4"	2"	90 Degree
LR89309A	7/8"	5/8"	1/2"	2-1/4"	90 Degree
LR89307	1"	5/8"	1/4"	1-3/4"	90 Degree
LR89308	1"	3/4"	1/2"	2-3/8"	90 Degree
LR89310	1-1/4"	1"	1/2"	2-1/2"	90 Degree
LR89312	1-1/2"	1-1/4"	1/2"	2-7/8"	90 Degree
LR89314	1-3/4"	1-1/2"	1/2"	3"	90 Degree
LR89316	2"	1-3/4"	1/2"	3"	90 Degree
LR89318	1/2"	1/2"	1/4"	1-3/4"	60 Degree
LR89320	1/2"	1/2"	1/4"	1-3/4"	70 Degree



"V" Grooving Bits, with Bearing, 2 Flutes

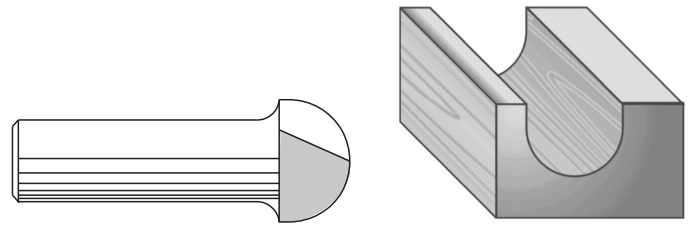
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Degree
LR94268	1/2"	1/2"	1/4"	2"	90 Degree

Replacement Bearing: LR95004A



Solid Carbide Engraving Bit

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Degree
LR89340	9/16"	7/8"	1/4"	2-1/4"	60 Degree

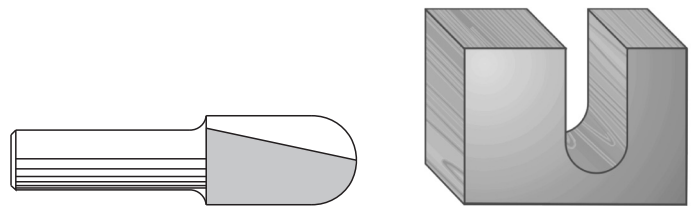


Core Box Bits (Round Nose), 2 Flutes

Part Number	Cutting Dia	Radius	Cutting Length	Shank Dia	Overall Length
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Shallow Profile

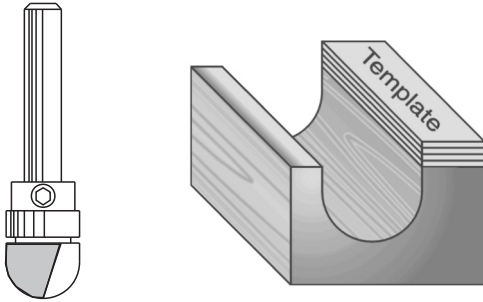
LR89200A	1/8"	1/16"	3/8"	1/4"	1-3/4"
LR89202A	3/16"	3/32"	1/2"	1/4"	1-3/4"
LR89205	5/16"	5/32"	3/8"	1/4"	1-1/2"
LR89206	3/8"	3/16"	1/4"	1/4"	1-1/2"
LR89206A	3/8"	3/16"	1/4"	1/2"	1-7/8"
LR89207	7/16"	7/32"	5/8"	1/4"	1-3/4"
LR89207A	7/16"	7/32"	5/8"	1/2"	2-3/8"
LR89208	1/2"	1/4"	5/16"	1/4"	1-1/2"
LR89208A	1/2"	1/4"	5/16"	1/2"	2"
LR89210	5/8"	5/16"	3/8"	1/4"	1-1/2"
LR89210A	5/8"	5/16"	3/8"	1/2"	2"
LR89212	3/4"	3/8"	1/2"	1/4"	1-1/2"
LR89212A	3/4"	3/8"	1/2"	1/2"	2"
LR89211	7/8"	7/16"	5/8"	1/4"	1-3/4"
LR89211A	7/8"	7/16"	5/8"	1/2"	2"
LR89213	1"	1/2"	5/8"	1/4"	1-3/4"
LR89213A	1"	1/2"	5/8"	1/2"	2-3/16"
LR89215	1-1/4"	5/8"	3/4"	1/2"	2-3/16"



Part Number	Cutting Dia	Radius	Cutting Length	Shank Dia	Overall Length
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Deep Profile

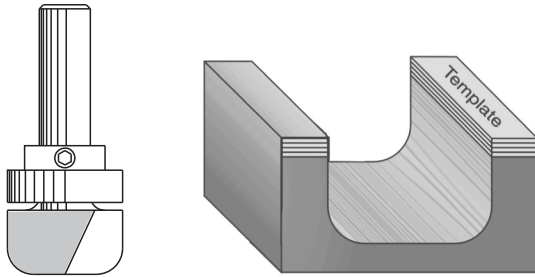
LR89204A	1/4"	1/8"	1/2"	1/4"	1-3/4"
LR89214	3/8"	3/16"	1"	1/2"	2-3/4"
LR89216	1/2"	1/4"	1-1/4"	1/2"	2-3/4"
LR89218	9/16"	9/32"	1-1/4"	1/2"	2-3/4"
LR89220	5/8"	5/16"	1-1/4"	1/2"	2-3/4"
LR89222	3/4"	3/8"	1-1/4"	1/2"	2-3/4"
LR89224	7/8"	7/16"	1-1/4"	1/2"	2-3/4"
LR89226	1"	1/2"	1-1/4"	1/2"	2-3/4"
LR89226A	1-1/4"	5/8"	1-1/4"	1/2"	2-3/4"
LR89226B	1-1/2"	3/4"	1-1/4"	1/2"	2-3/4"
LR89227	2"	1"	1-1/4"	1/2"	2-3/4"



Core Box Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Radius	Cutting Length	Shank Dia	Overall Length
LR94270	1/2"	1/8"	1/2"	1/4"	2"

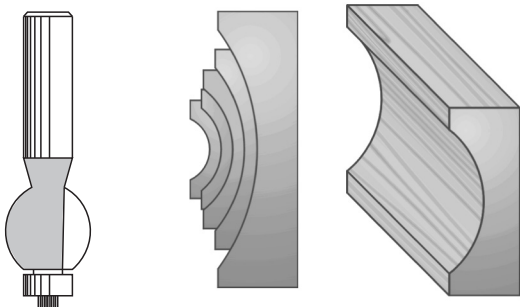
Replacement Bearing: LR95004A



Cove Plunge Type Bits, with Centre Bearing, 2 Flutes

Part Number	Cutting Dia	Radius	Cutting Length	Shank Dia	Overall Length
A LR89280	1/2"	1/8"	1/2"	1/4"	2-1/8"
B LR89281	3/4"	1/4"	5/8"	1/4"	2-5/16"
C LR89282	3/4"	1/4"	5/8"	1/2"	2-5/16"
D LR89283	1-1/8"	1/4"	5/8"	1/2"	2-5/8"

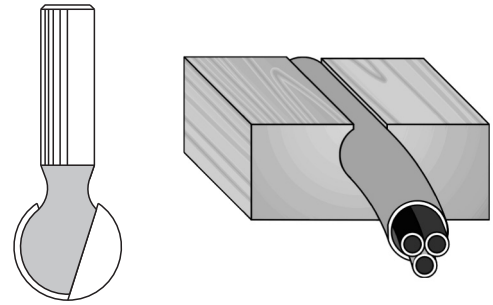
Replacement Bearing: (A) LR95004A (B) LR95006 (C) LR95006C (D) LR95009



Convex Beading Bits, 2 Flutes

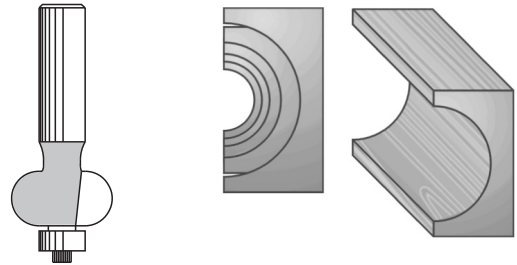
Part Number	Cutting Dia	Radius	Cutting Length	Shank Dia	Overall Length
LR89260	3/4"	3/16"	3/8"	1/2"	2-5/8"
LR89260A	3/4"	5/16"	1/2"	1/2"	2-3/4"
LR89261	7/8"	15/32"	3/4"	1/2"	3-1/16"
LR89261A	7/8"	3/4"	1"	1/2"	3-3/8"
LR89262	1"	1-1/4"	1-1/2"	1/2"	3-7/8"

Replacement Bearing: LR95004



Ball Grooving Bits, 2 Flutes

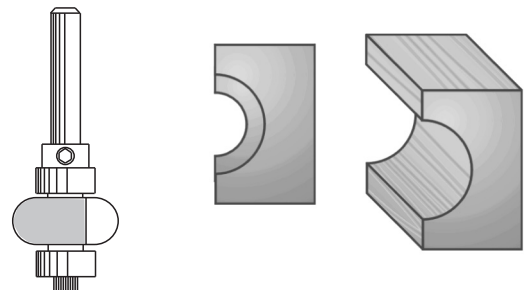
Part Number	Large Dia	Radius	Small Dia	Shank Dia	Overall Length
LR89271	1/2"	1/4"	1/4"	1/2"	2-1/4"
LR89272	5/8"	5/16"	9/32"	1/2"	2-7/16"
LR89273	3/4"	3/8"	5/16"	1/2"	2-1/2"
LR89274	7/8"	7/16"	5/16"	1/2"	2-5/8"
LR89275	1"	1/2"	11/32"	1/2"	2-3/4"
LR89276	1-1/8"	9/16"	13/32"	1/2"	2-7/8"
LR89277	1-1/4"	5/8"	7/16"	1/2"	3"



Convex Beading Bits, 2 Flutes

Part Number	Cutting Dia	Radius	Cutting Length	Shank Dia	Overall Length
LR89264	13/16"	5/32"	5/16"	1/4"	1-7/8"
LR89265	7/8"	3/16"	3/8"	1/4"	2"
LR89266	31/32"	15/64"	15/32"	1/4"	2"
LR89268	1-1/4"	25/64"	25/32"	1/2"	3"

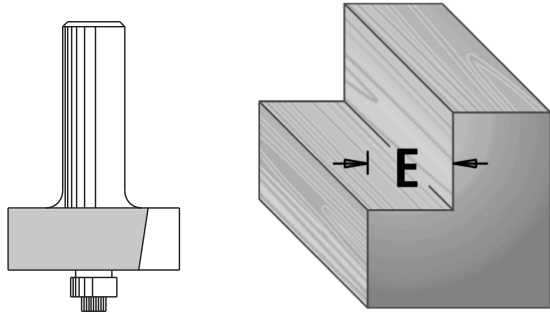
Replacement Bearing: LR95004



Convex Beading Bits, with Centre Bearing, 2 Flutes

Part Number	Cutting Dia	Radius	Cutting Length	Shank Dia	Overall Length
LR89269	3/4"	1/8"	1/4"	1/4"	2-1/4"
LR89270	7/8"	13/64"	25/64"	1/4"	2-3/8"

Replacement Bearings: Center LR95004A Top LR95004



**Rabbeting Bits,
with 1/2" & 3/8" Bearing, 2 Flutes**

Part Number	Cutting Dia	Rabbet Depth(E)	Cutting Length	Shank Dia	Overall Length
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Depth of Rabbet 3/8" & 7/16" (1/2" Bearing)

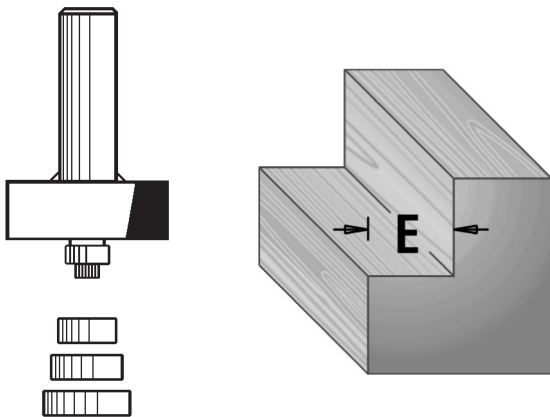
LR91100	1-1/4"	3/8"	1/2"	1/4"	2"
LR91104	1-1/4"	3/8"	1/2"	1/2"	2-3/8"
LR91101	1-3/8"	7/16"	1/2"	1/4"	2"
LR91102	1-3/8"	7/16"	1/2"	1/2"	2-3/8"

Replacement Bearing: LR95004

Depth of Rabbet 7/16" & 1/2" (3/8" Bearing)

LR91103	1-1/4"	7/16"	1/2"	1/4"	2"
LR91105	1-1/4"	7/16"	1/2"	1/2"	2-3/8"
LR91107	1-3/8"	1/2"	1/2"	1/4"	2"
LR91109	1-3/8"	1/2"	1/2"	1/2"	2-3/8"

Replacement Bearing: LR95000



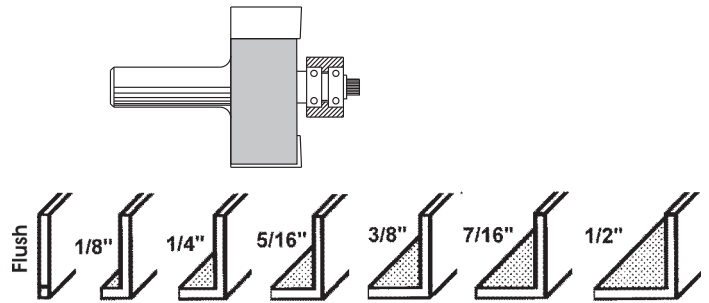
**Rabbeting Cutter Sets,
with 4 Different Rabbets, 2 Flutes**

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR91106	1-3/8"	1/2"	1/4"	2"
LR91106A	1-3/8"	1/2"	1/2"	2-3/8"

Replacement Parts:

	Bearing:	Washer:	Spring Washer:	Screw:
1/2" Rabbet:	LR95000	LR95206	LR95252	580.HC#07
7/16" Rabbet:	LR95004	LR95202	LR95252	580.HC#07
3/8" Rabbet:	LR95005A	LR95204	LR95252	580.HC#07
5/16" Rabbet:	LR95006A	LR95204	LR95252	580.HC#07

Allen Key: 582-KEY-3/32



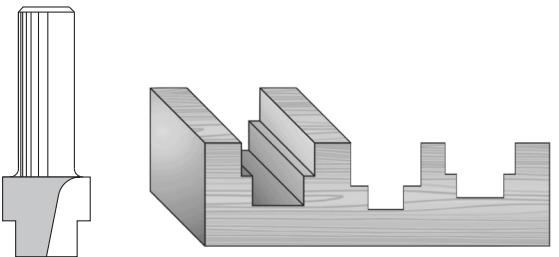
**Rabbeting Cutter Sets,
with 7 Different Rabbets, 2 Flutes**

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR91108	1-3/8"	1/2"	1/4"	2"
LR91108A	1-3/8"	1/2"	1/2"	2-3/8"

Replacement Parts:

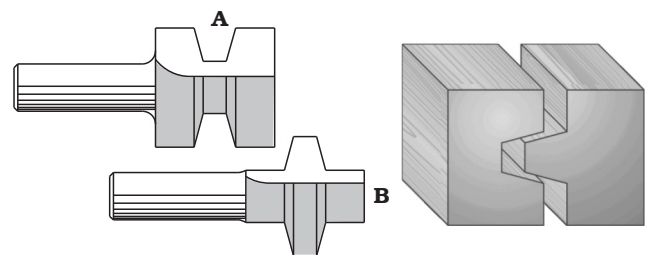
	Bearing:	Washer:	Spring Washer:	Screw:
1/2" Rabbet:	LR95000	LR95206	LR95252	580.HC#07
7/16" Rabbet:	LR95004	LR95202	LR95252	580.HC#07
3/8" Rabbet:	LR95005A	LR95204	LR95252	580.HC#07
5/16" Rabbet:	LR95006A	LR95204	LR95252	580.HC#07
1/4" Rabbet:	LR95008D	LR95204	LR95252	580.HC#07
1/8" Rabbet:	LR95009B	LR95204	LR95252	580.HC#07
Flush:	LR95010B	LR95204	LR95252	580.HC#07

Allen Key: 582-KEY-3/32



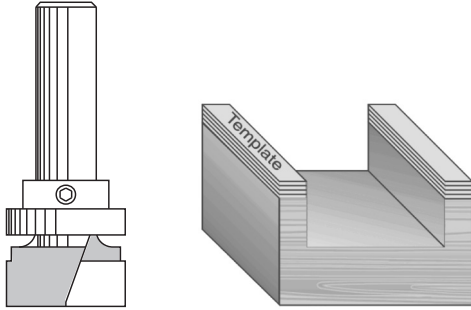
Stepped Rabbeting Bits, 2 Flutes

Part Number	Large Dia	Small Dia	Cutting Length	Shank Dia	Overall Length
LR91111	3/4"	3/8"	3/4"	1/4"	1-7/8"
LR91112	3/4"	1/2"	5/8"	1/4"	2"
LR91113	7/8"	9/16"	11/16"	1/2"	2-1/4"



Bevel Glue Joint Bits, 2 Flutes

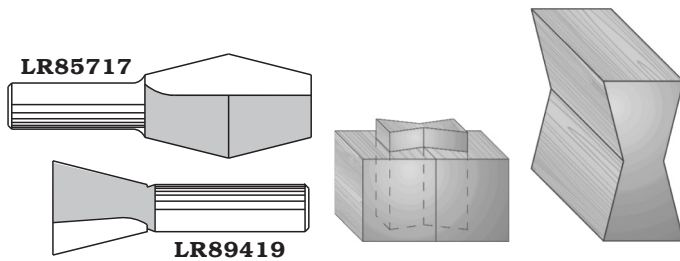
Part Number	Large Dia	Small Dia	Cutting Length	Degree	Shank Dia	Overall Length
LR85719A	1-1/4"	9/16"	1-1/4"	15°	1/2"	2-3/4"
LR85719B	1-1/4"	9/16"	1-1/4"	15°	1/2"	2-3/4"



Bottom Cleaning Straight Bits, 2 Flutes

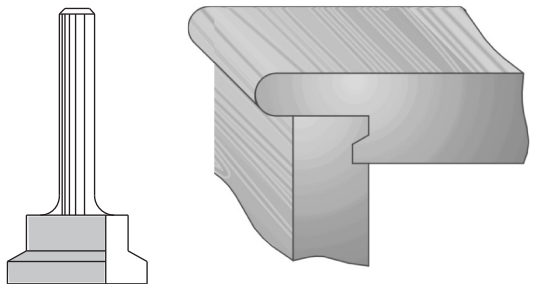
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
A LR89285	3/4"	7/16"	1/4"	2-3/16"
B LR89286	1"	7/16"	1/2"	2-1/2"
C LR89287	1-1/2"	5/8"	1/2"	2-3/4"

Replacement Bearing: (A) LR95006 (B) LR95008E (C) LR95008B



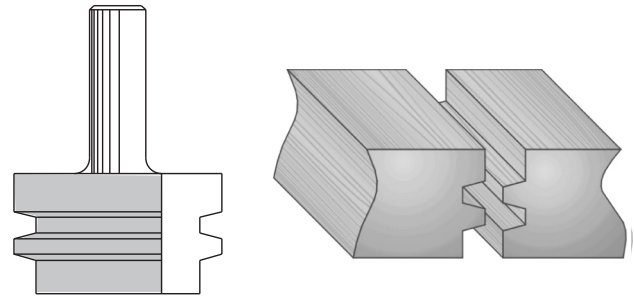
Spline Glue Joint Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Degree	Shank Dia	Overall Length
LR85717	1-7/64"	1-13/16"	14 Degree	1/2"	3-5/16"
LR89419	7/8"	7/8"	14 Degree	1/2"	2-5/8"



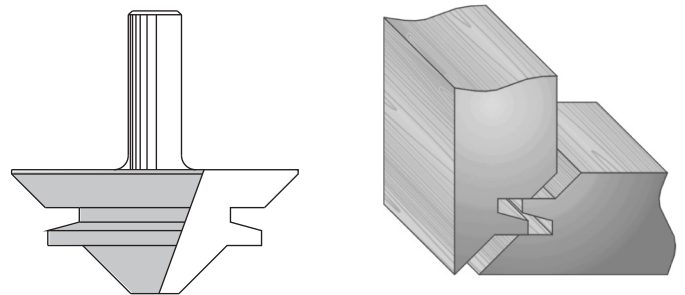
Locking Joint Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR85721	3/4"	1/2"	1/4"	1-7/8"
LR85722	1"	1/2"	1/4"	1-7/8"
LR85722B	1"	1/2"	1/2"	1-7/8"



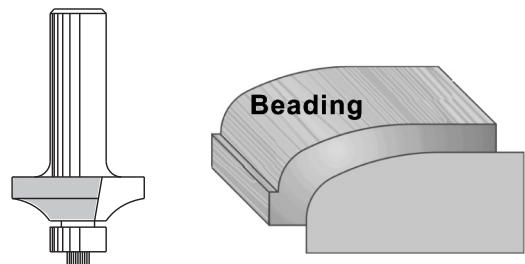
Glue Joint Bit, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR85725	1-29/64"	1-1/8"	1/2"	2-5/8"



Mitre Lock Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Max Wood Depth	Degree	Shank Dia	Overall Length
LR85736A	1-1/2"	1/2"	13/32"	45°	1/4"	1-5/8"
LR85736B	1-3/4"	3/4"	21/32"	45°	1/2"	2-1/4"
LR85736	2-23/32"	1-3/16"	1-1/16"	45°	1/2"	2-11/16"

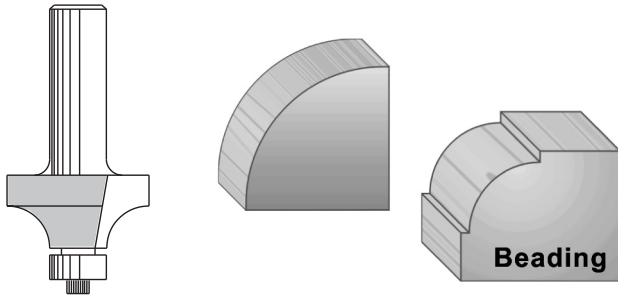


Thumb Nail Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR91228	1-3/16"	3/8"	15/32"	1/4"	2-1/16"
LR91230	1-3/16"	3/8"	15/32"	1/2"	2-1/16"
LR91232	2-1/2"	11/16"	1-7/8"	1/2"	2-1/2"

Replacement Bearings: LR95004

To achieve beading cuts add B to end of Part Number
Replacement Bearings: LR95000 (beading cut)



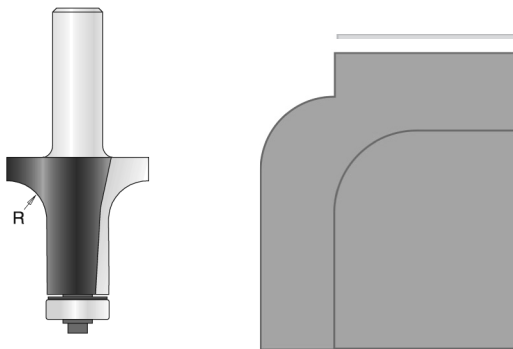
Rounding Over Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR91198	5/8"	5/16"	1/16"	1/4"	1-3/4"
LR91209	5/8"	5/16"	1/16"	1/2"	2-3/16"
LR91199	3/4"	3/8"	1/8"	1/4"	1-15/16"
LR91211	3/4"	3/8"	1/8"	1/2"	2-5/16"
LR91201	3/4"	3/8"	5/32"	1/4"	1-15/16"
LR91203	3/4"	3/8"	5/32"	1/2"	2-5/16"
LR91200	7/8"	1/2"	3/16"	1/4"	1-15/16"
LR91210	7/8"	1/2"	3/16"	1/2"	2-5/16"
LR91202	1"	1/2"	1/4"	1/4"	1-15/16"
LR91212	1"	1/2"	1/4"	1/2"	2-5/16"
LR91204	1-1/8"	1/2"	5/16"	1/4"	1-15/16"
LR91214	1-1/8"	1/2"	5/16"	1/2"	2-5/16"
LR91206	1-1/4"	5/8"	3/8"	1/4"	2-1/16"
LR91216	1-1/4"	5/8"	3/8"	1/2"	2-7/16"
LR91208	1-1/2"	3/4"	1/2"	1/4"	2-3/16"
LR91218	1-1/2"	3/4"	1/2"	1/2"	2-9/16"
LR91219	1-3/4"	7/8"	5/8"	1/2"	2-5/8"
LR91220	2"	1"	3/4"	1/2"	2-3/4"
LR91221	2-1/4"	1-1/8"	7/8"	1/2"	2-7/8"
LR91222	2-1/2"	1-1/4"	1"	1/2"	3"
LR91223	2-3/4"	1-3/8"	1-1/8"	1/2"	3-1/4"
LR91224	3"	1-1/2"	1-1/4"	1/2"	3-1/4"
LR91225	3-1/4"	1-9/16"	1-3/8"	1/2"	3-1/2"
LR91226	3-1/2"	1-3/4"	1-1/2"	1/2"	3-3/4"

Replacement Bearings: LR95004

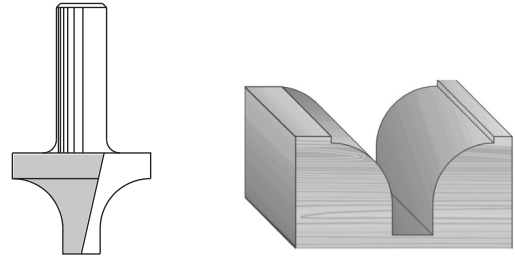
To achieve beading cuts add B to end of Part Number

Replacement Bearings: LR95000 (beading cut)



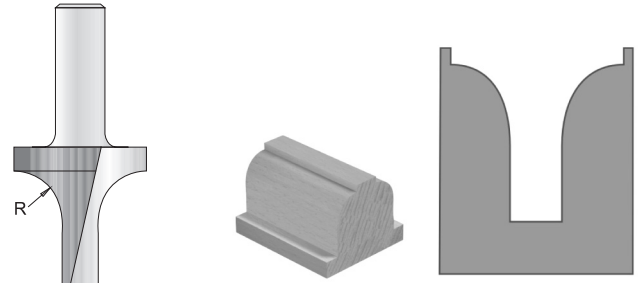
Rounding Over Bit with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR89111	1-7/16"	1-3/8"	10mm	1/2"	3-1/4"



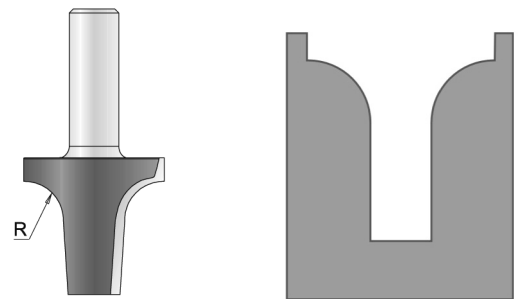
Plunge Type Rounding Over Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR89098	3/8"	5/16"	1/8"	1/4"	2"
LR89099	5/8"	5/16"	3/16"	1/2"	1-1/2"
LR89100	3/4"	1/2"	1/4"	1/4"	1-5/8"
LR89101	3/4"	1/2"	1/4"	1/2"	1-5/8"
LR89102	7/8"	9/16"	5/16"	1/2"	2-1/16"
LR89103	7/8"	9/16"	5/16"	1/4"	1-11/16"
LR89104	1"	5/8"	3/8"	1/2"	2-1/8"
LR89105	1"	5/8"	3/8"	1/4"	1-3/4"
LR89106	1-3/8"	1"	1/2"	1/2"	2-3/4"
LR89110	1-3/4"	1-1/4"	5/8"	1/2"	2-3/4"
LR89112	2"	1-7/16"	3/4"	1/2"	2-15/16"



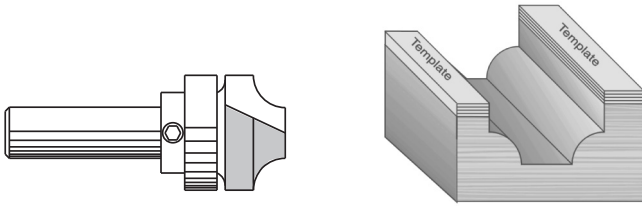
Plunge Type Rounding Over Bits, 2 Flutes with Boring Point (Corner Round)

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR89107	7/8"	1-3/16"	1/8"	1/2"	2-23/32"
LR89108	1-3/16"	1-3/8"	1/4"	1/2"	2-7/8"
LR89109	1-11/32"	1-1/2"	3/16"	1/2"	3"



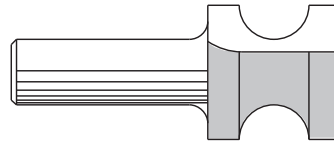
Plunge Type Corner Rounding Bit, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR89097	1-3/16"	1-7/16"	5mm	1/2"	2-7/8"



Corner Rounding Plunge Type, with Centre Bearing, 2 Flutes

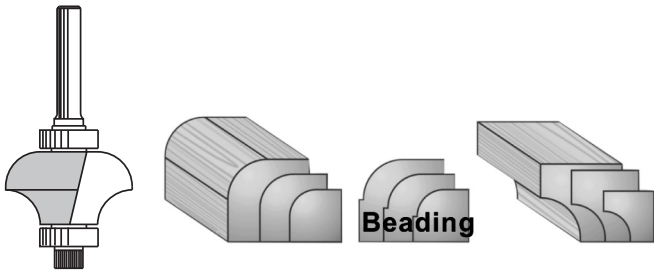
Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length	Bearing
LR89115	1/2"	3/8"	1/8"	1/4"	1-7/8"	LR95004A
LR89116	3/4"	3/8"	1/8"	1/4"	2"	LR95006
LR89117	7/8"	1/2"	3/16"	1/4"	2-1/8"	LR95008
LR89118	1-1/8"	9/16"	5/16"	1/2"	2-1/8"	LR95009



Bull Nose Bits (Half Round), 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	O.A.L.	Size of Opening
LR89230A	17/32"	1/2"	5/64"	1/4"	1-5/8"	5/32"
LR89230	17/32"	1/2"	5/64"	1/2"	2-3/16"	5/32"
LR89232A	19/32"	1/2"	7/64"	1/4"	1-5/8"	7/32"
LR89232	19/32"	1/2"	7/64"	1/2"	2"	7/32"
LR89234A	21/32"	3/4"	9/64"	1/4"	1-7/8"	9/32"
LR89234	21/32"	3/4"	9/64"	1/2"	2-1/4"	9/32"
LR89236A	7/8"	3/4"	13/64"	1/4"	1-7/8"	13/32"
LR89236	7/8"	3/4"	13/64"	1/2"	2-1/4"	13/32"
LR89238A	1-1/32"	1"	17/64"	1/4"	2-1/8"	35/64"
LR89238	1-1/32"	1"	17/64"	1/2"	2-1/2"	35/64"
LR89239	1-1/16"	1"	5/16"	1/2"	2-1/2"	5/8"
LR89240	1-5/16"	1-3/8"	3/8"	1/2"	2-7/8"	3/4"
LR89242	1-11/16"	1-9/16"	1/2"	1/2"	3-1/16"	1"
LR89243	2"	2"	5/8"	1/2"	3-1/2"	1-1/4"
LR89244*	2-3/8"	2"	3/4"	1/2"	3-1/2"	1-1/2"

* This bit has 3 flutes and is suitable for Corian and woods

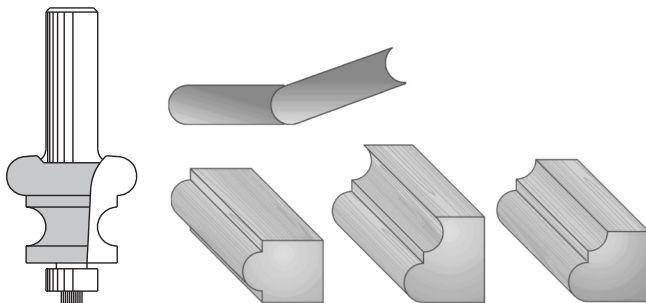


Matching Corner Round/Cove Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR89120	1-1/8"	35/65"	1/4"	1/4"	2-19/32"
LR89121	1-1/4"	43/64"	5/16"	1/4"	2-23/32"
LR89122	1-3/8"	51/64"	3/8"	1/4"	2-27/32"

Replacement Bearings: LR95005D

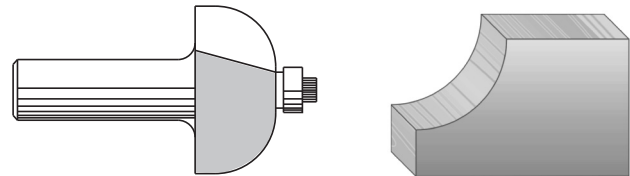
To achieve beading cuts change bottom bearing to LR95005E



Canoe Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
A LR89125	1"	5/8"	1/8"	1/4"	2-1/4"
A LR89126	1"	5/8"	1/8"	1/2"	2-5/8"
A LR89127	1-1/4"	1"	3/16"	1/4"	2-5/8"
A LR89128	1-1/4"	1"	3/16"	1/2"	2-7/8"
B LR89129	2"	1-1/4"	1/4"	1/2"	3-1/8"

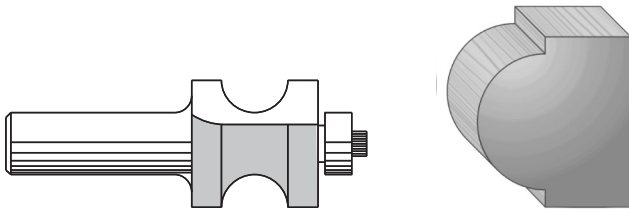
Replacement Bearing: (A) LR95004 (B) LR95005B



Cove Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR90992	1/2"	1/2"	1/16"	1/4"	2"
LR91005	1/2"	1/2"	1/16"	1/2"	2-3/8"
LR90994	5/8"	1/2"	1/8"	1/4"	2"
LR91005A	5/8"	1/2"	1/8"	1/2"	2-3/8"
LR91000A	3/4"	9/16"	3/16"	1/4"	2-1/16"
LR91006A	3/4"	9/16"	3/16"	1/2"	2-7/16"
LR91000	7/8"	9/16"	1/4"	1/4"	2-1/16"
LR91006	7/8"	9/16"	1/4"	1/2"	2-7/16"
LR91001	1"	9/16"	5/16"	1/4"	2-1/16"
LR91007	1"	9/16"	5/16"	1/2"	2-7/16"
LR91002	1-1/8"	9/16"	3/8"	1/4"	2-1/16"
LR91008	1-1/8"	9/16"	3/8"	1/2"	2-7/16"
LR91004	1-3/8"	3/4"	1/2"	1/4"	2-1/4"
LR91010	1-3/8"	3/4"	1/2"	1/2"	2-7/16"
LR91011	1-5/8"	3/4"	5/8"	1/2"	2-5/8"
LR91012	1-7/8"	1"	3/4"	1/2"	3"
LR91014	2-3/8"	1-1/4"	7/8"	1/2"	3-3/8"
LR91016	2-3/8"	1-1/4"	1"	1/2"	3-3/8"
LR91018	3"	1-1/2"	1-1/4"	1/2"	3-3/8"

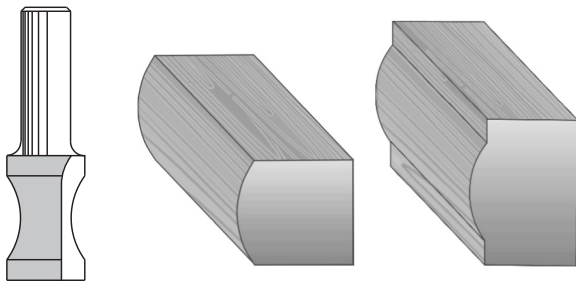
Replacement Bearing: LR95002



Bull Nose Bits (Half Round), with Bearing, 2 Flutes

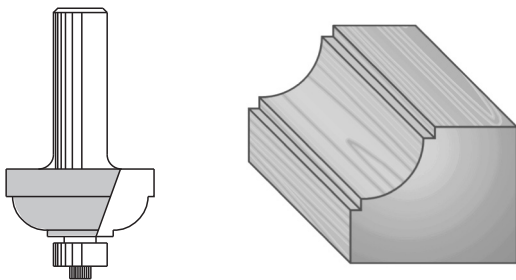
Part Number	Cut Dia	Cut Length	Rad	Shk Dia	O.A.L.	Size of Opening
LR89225	25/32"	3/4"	9/64"	1/2"	2-5/8"	17/64"
LR89225A	29/32"	3/4"	13/64"	1/2"	2-5/8"	25/64"
LR89228	1-1/32"	1"	17/64"	1/2"	3"	35/64"
LR89228A	1-3/8"	1-1/4"	3/8"	1/2"	3-5/16"	3/4"
LR89229	1-3/4"	1-9/16"	1/2"	1/2"	3-5/8"	1"
LR89229A	2"	2"	5/8"	1/2"	4"	1-1/4"

Replacement Bearing: LR95004



True Bull Nose Bits, 2 Flutes

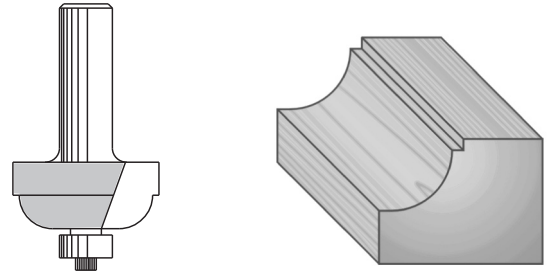
Part Number	Cut Dia	Cut Length	Rad	Shk Dia	O.A.L.	Size of Opening
LR89245	13/16"	1-1/4"	23/32"	1/4"	2-1/2"	7/8"
LR89246	13/16"	1-1/4"	23/32"	1/2"	2-3/4"	7/8"



Classic Panel Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85770	1-1/8"	1/2"	3/16"	1/4"	2"
LR85772	1-1/8"	1/2"	3/16"	1/2"	2-3/8"
LR85774	1-3/8"	5/8"	5/16"	1/4"	2-1/8"
LR85776	1-3/8"	5/8"	5/16"	1/2"	2-1/2"

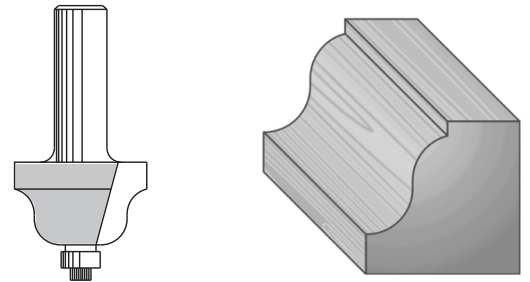
Replacement Bearing: LR95004



Flat Ogee Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85780	1-1/8"	1/2"	3/16"	1/4"	2"
LR85782	1-1/8"	1/2"	3/16"	1/2"	2-3/8"
LR85784	1-3/8"	5/8"	5/16"	1/4"	2-1/8"
LR85786	1-3/8"	5/8"	5/16"	1/2"	2-1/2"

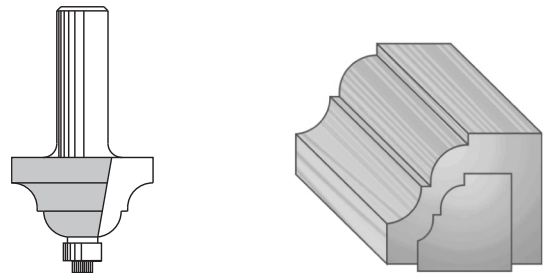
Replacement Bearing: LR95004



Roman Ogee Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR91400	1"	5/8"	5/32"	1/4"	2-1/16"
LR91404	1"	5/8"	5/32"	1/2"	2-7/16"
LR91402	1-3/8"	3/4"	1/4"	1/4"	2-1/4"
LR91406	1-3/8"	3/4"	1/4"	1/2"	2-5/8"

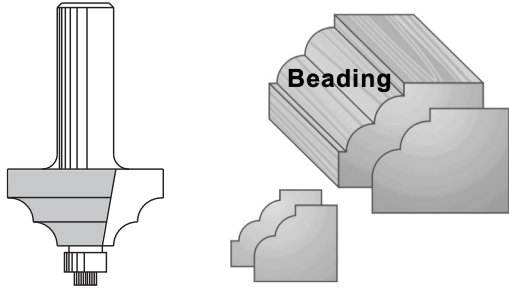
Replacement Bearing: LR95002



Roman Ogee Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85790	1"	5/8"	5/32"	1/4"	2-1/16"
LR85792	1"	5/8"	5/32"	1/2"	2-7/16"
LR85794	1-3/8"	3/4"	1/4"	1/4"	2-1/4"
LR85796	1-3/8"	3/4"	1/4"	1/2"	2-5/8"

Replacement Bearing: LR95002

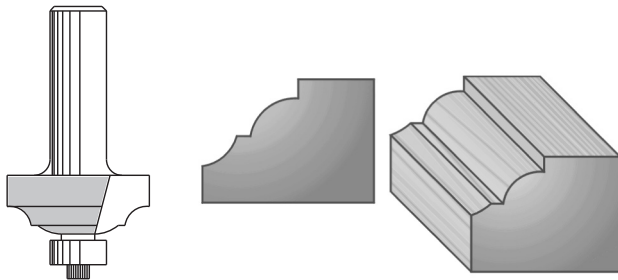


Classic Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85760	1-1/8"	1/2"	5/32"	1/4"	2"
LR85762	1-1/8"	1/2"	5/32"	1/2"	2-3/8"
LR85764	1-3/8"	11/16"	7/32"	1/4"	2-3/16"
LR85766	1-3/8"	11/16"	7/32"	1/2"	2-9/16"

Replacement Bearing: LR95004

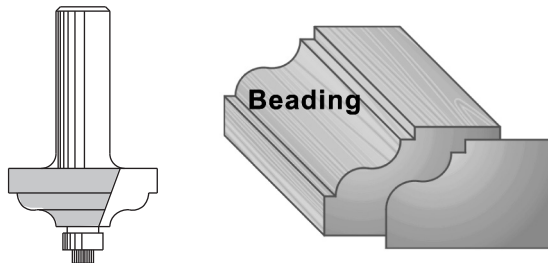
To achieve beading cuts change bearing to LR95000



Classic Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius 1	Radius 2	Shank Dia	Overall Length
LR85579	1-1/4"	1/2"	3/16"	1/16"	1/4"	2-1/16"
LR85580	1-1/4"	1/2"	3/16"	1/16"	1/2"	2-3/8"
LR85581	1-1/2"	5/8"	15/64"	9/64"	1/4"	2-3/32"
LR85582	1-1/2"	5/8"	15/64"	9/64"	1/2"	2-1/2"

Replacement Bearing: LR95004

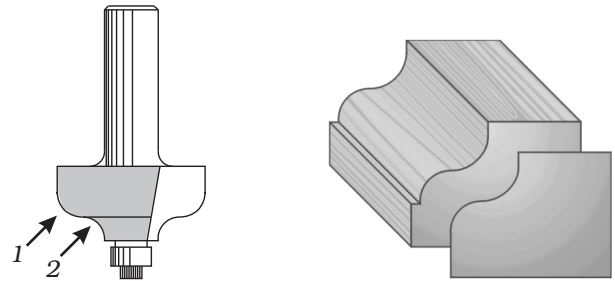


Ogee Fillet Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85584	1-3/8"	9/16"	5/32"	1/4"	2-1/16"
LR85585	1-3/8"	9/16"	5/32"	1/2"	2-1/2"
LR85586	1-5/8"	3/4"	1/4"	1/2"	2-5/8"

Replacement Bearing: LR95004

To achieve beading cuts change bearing to LR95000

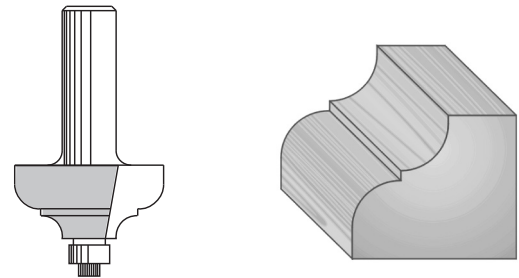


Panelling Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Rad 1	Rad 2	Shank Dia	Overall Length
LR85750	1-1/8"	1/2"	5/32"	5/32"	1/4"	2-1/16"
LR85752	1-1/8"	1/2"	5/32"	5/32"	1/2"	2-3/8"
LR85754	1-3/8"	5/8"	1/4"	3/16"	1/4"	2-3/16"
LR85756	1-3/8"	5/8"	1/4"	3/16"	1/2"	2-9/16"

Replacement Bearing: LR95004

To achieve beading cuts change bearing to LR95000

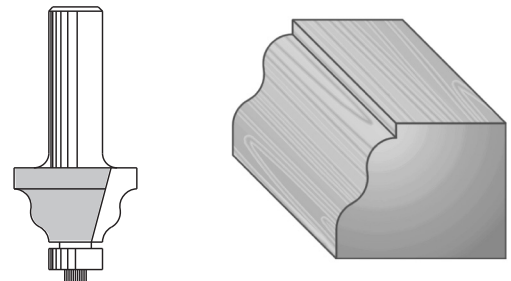


Ogee Fillet Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85740	1-1/8"	1/2"	5/32"	1/4"	2-1/16"
LR85742	1-1/8"	1/2"	5/32"	1/2"	2-3/8"
LR85744	1-3/8"	11/16"	1/4"	1/4"	2-3/16"
LR85746	1-3/8"	11/16"	1/4"	1/2"	2-9/16"

Replacement Bearing: LR95004

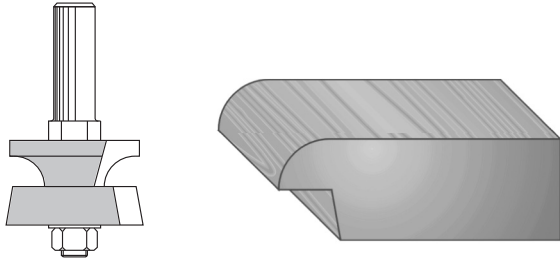
To achieve beading cuts change bearing to LR95000



Wavy Edge Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85487	1-1/4"	11/16"	5/32"	1/4"	2-3/16"
LR85488	1-1/4"	11/16"	5/32"	1/2"	2-9/16"

Replacement Bearing: LR95004

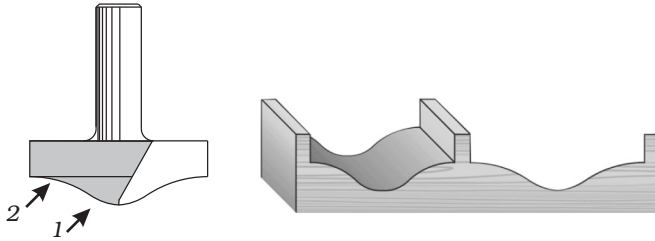


Door Lip Assembly, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR85720	1-5/8"	1"	1/2"	3"

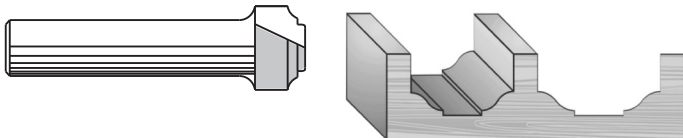
Replacement Parts:

Radius Cutter: LR85720A 3/8" Radius
 Rabetting Cutter: LR85720B 10 Degree Bevel



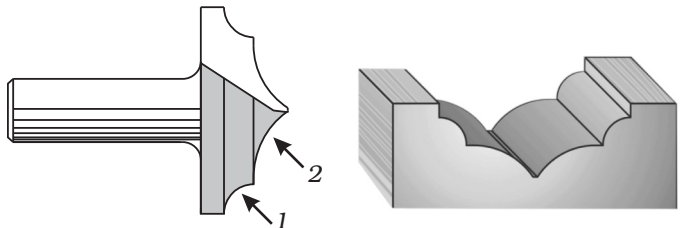
Round and Ogee Plunge Type Bits, 2 Flutes

Part Number	Cut Dia	Cut Length	Rad 1	Rad 2	Shk Dia	Overall Length
LR85800	1-5/8	23/32	3/8	3/4	1/2	2-13/64
LR85801	1-31/32	23/32	5/8	1-3/16	1/2	2-13/64



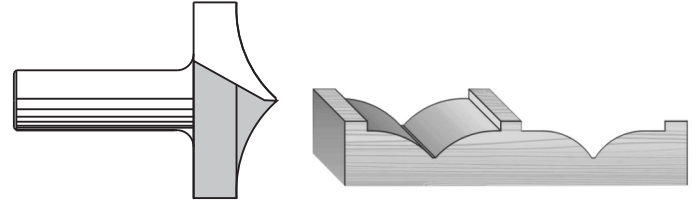
Step Flat Ogee Plunge Type Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85802	1"	19/32"	3/16"	1/2"	2-3/32"
LR85803	1-3/16"	19/32"	15/64"	1/2"	2-3/32"



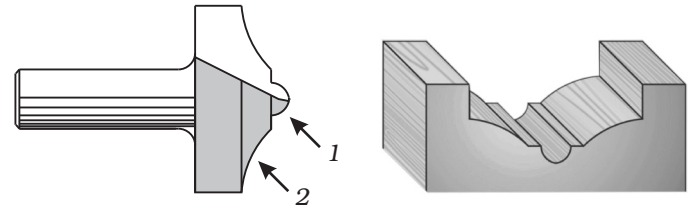
Rounding Over Plunge Type Bit, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Rad 1	Rad 2	Shank Dia	Overall Length
LR85804	1-5/8"	23/32"	1/4"	19/32"	1/2"	2-7/32"



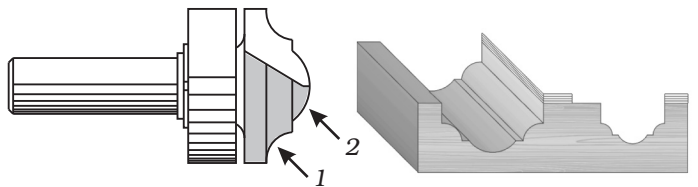
Rounding Over Plunge Type Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85805	1-3/4"	23/32"	23/32"	1/2"	2-7/32"
LR85806	1-5/8"	23/32"	1"	1/2"	2-7/32"



Round and Ogee Plunge Type Bit, 2 Flutes

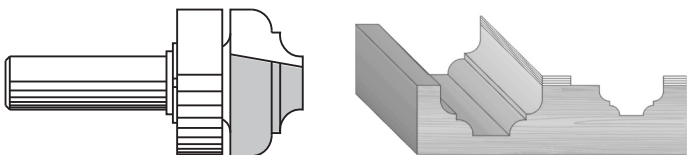
Part Number	Cutting Dia	Cutting Length	Rad 1	Rad 2	Shank Dia	Overall Length
LR85807	1-9/16"	25/32"	5/32"	7/8"	1/2"	2-9/32"



Panelling Groover, with Centre Bearing, Round Bottom, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Rad 1	Rad 2	Shank Dia	Overall Length
LR85483	7/8"	1/2"	7/32"	5/32"	1/4"	2"
LR85484	1-3/8"	9/16"	13/32"	1/4"	1/2"	2-5/8"

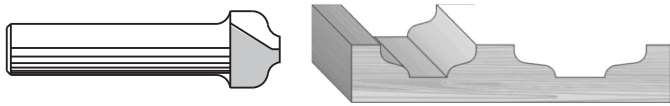
Replacement Bearings: (A) LR95008 (B) LR95011



Panelling Groover, with Centre Bearing, Flat Bottom, 2 Flutes

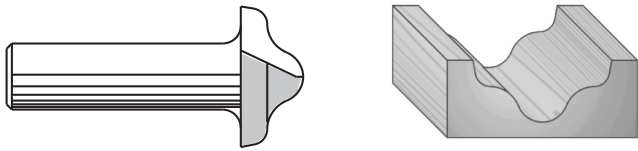
Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85485	7/8"	3/8"	9/64"	1/4"	2"
LR85486	1-3/8"	9/16"	13/64"	1/2"	2-5/8"

Replacement Bearings: (A) LR95008 (B) LR95011



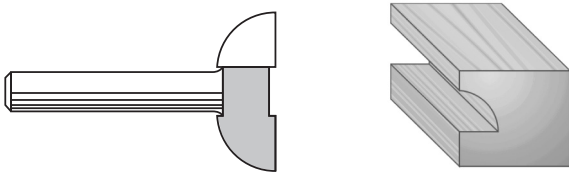
Flat Ogee Bits Plunge Type, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85465	1"	3/8"	1/8"	1/4"	2"
LR85466	1-3/8"	3/8"	1/8"	1/2"	2-1/4"



Ogee Bits Plunge Type, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85481	1-1/16"	7/16"	15/64"	1/4"	2"
LR85482	1-1/16"	7/16"	15/64"	1/2"	2-1/4"



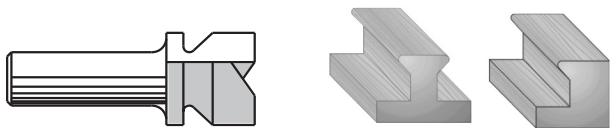
Finger Grip Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85710	3/4"	1/4"	1/4"	1/4"	1-3/4"
LR85712	1"	3/8"	3/8"	1/4"	1-3/4"

Finger Grip Router Bits, 2 Flutes



Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85714	3/4"	3/4"	3/16"	1/2"	2-3/16"



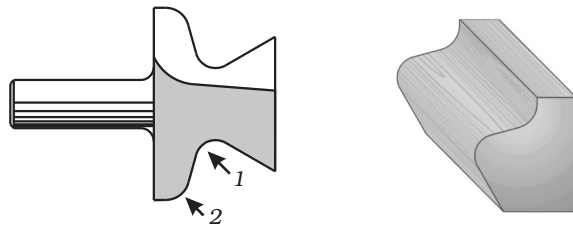
Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85713	7/8"	13/16"	1/16"	1/2"	2-5/16"



Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85716	1-3/4"	13/16"	3/16"	1/2"	2-5/16"



Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85715	1-1/2"	13/16"	15/64"	1/2"	2-5/16"



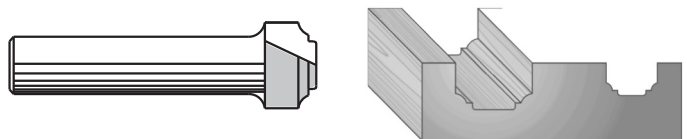
Outer Edge Door Trimmer Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Rad 1	Rad 2	Shank Dia	Overall Length
LR91434	2"	1-1/4"	3/16"	1/4"	1/2"	2-3/4"



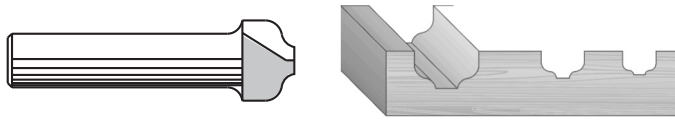
Beading Bit Plunge Type, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85478	3/8"	5/16"	1/8"	1/4"	2"



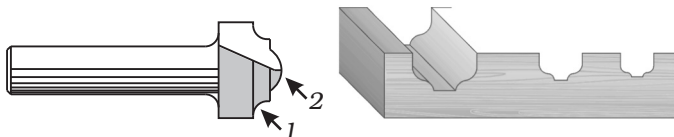
Traditional Bits Plunge Type, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85474	1/2"	3/8"	3/64"	1/4"	2"
LR85475	3/4"	7/16"	1/16"	1/4"	2-1/16"
LR85476	3/4"	7/16"	1/16"	1/2"	2-5/8"



Ogee Bits Plunge Type, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85461	3/8"	5/16"	1/16"	1/4"	1-7/8"
LR85462	1/2"	3/8"	5/64"	1/4"	2"
LR85463	3/4"	7/16"	1/8"	1/4"	2-1/8"
LR85464	3/4"	7/16"	1/8"	1/2"	2-3/4"



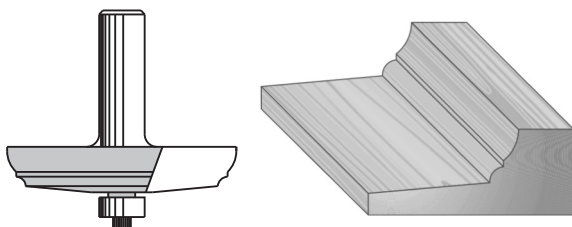
Classical Bits Plunge Type, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Rad 1	Rad 2	Shank Dia	Overall Length
LR85467	1/2"	3/8"	1/8"	5/32"	1/4"	2"
LR85468	3/4"	1/2"	3/16"	1/4"	1/4"	2-1/16"
LR85469	3/4"	1/2"	3/16"	1/4"	1/2"	2-3/4"
LR85470	1"	5/8"	1/4"	5/16"	1/2"	2-7/8"



Corner Ogee Bit Plunge Type, 2 Flutes

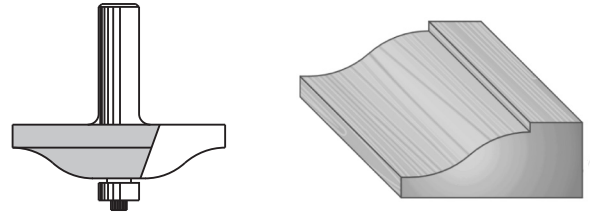
Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR85460	15/16"	19/32"	3/32"	1/2"	2-1/4"



Classical Raised Panel, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Height	Radius	Shank Dia	Overall Length
LR85591	2-1/2"	1/2"	1/8"	1/2"	2-3/8"

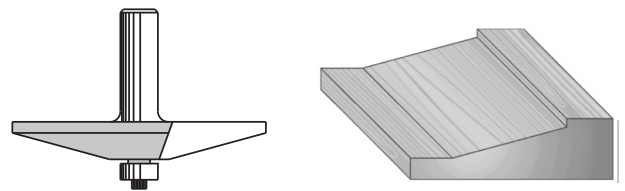
Replacement Bearing: LR95004



Ogee Fillet Raised Panel, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Height	Radius	Shank Dia	Overall Length
LR85588	2-5/8"	11/16"	3/4"	1/2"	2-9/16"
LR85592	3-3/8"	5/8"	7/8"	1/2"	2-1/2"

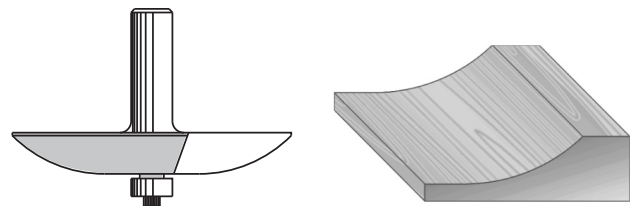
Replacement Bearing: LR95004



Provincial Raised Panel, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Height	Bevel	Shank Dia	Overall Length
LR85590	3-3/8"	1/2"	15 Degree	1/2"	2-3/8"

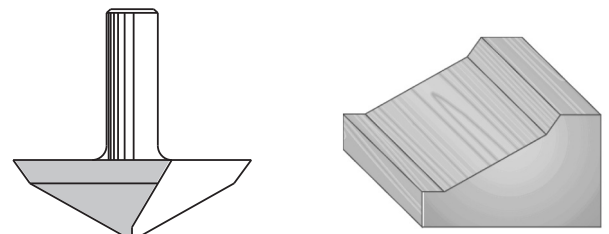
Replacement Bearing: LR95004



Cove Raised Panel, with Bearing, 2 Flutes

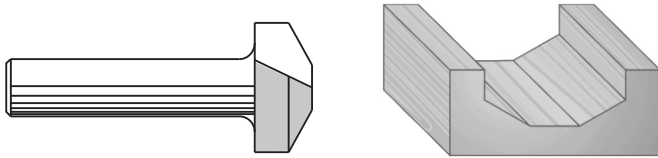
Part Number	Cutting Dia	Cutting Height	Radius	Shank Dia	Overall Length
LR85589	3-3/8"	1/2"	1-9/16"	1/2"	2-3/8"

Replacement Bearing: LR95004



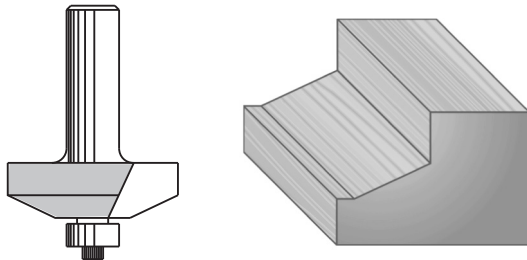
Raised Panel, French Provincial, Plunge Type, 2 Flutes

Part Number	Cutting Dia	Cutting Height	Bevel	Shank Dia	Overall Length
LR85489	2-3/4"	3/4"	25 Degree	1/2"	2-1/4"



Raised Panel Bit Plunge Type, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Bevel	Shank Dia	Overall Length
LR85480	1-1/8"	1/2"	30 Deg	1/2"	2-3/4"
LR85477	2"	5/8"	10 Deg	1/2"	2-1/2"



Raised Panel Bits, with Bearing, 2 Flutes

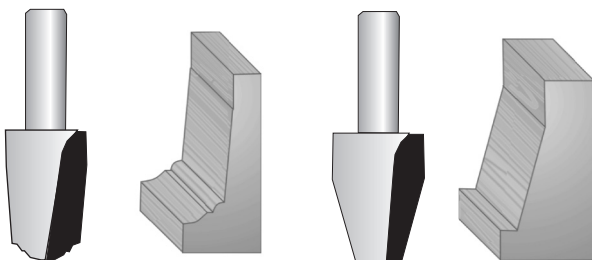
Part Number	Cutting Dia	Cutting Length	Bevel	Shank Dia	Overall Length
LR85583	1-5/8"	1/2"	25 Deg	1/2"	2-1/2"

Replacement Bearing: LR95004

Vertical Raised Panel Bits, 2 Flutes

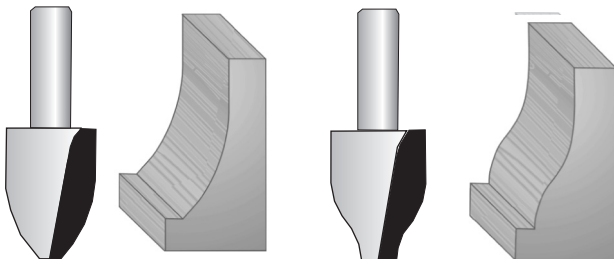
LR85595

LR85596



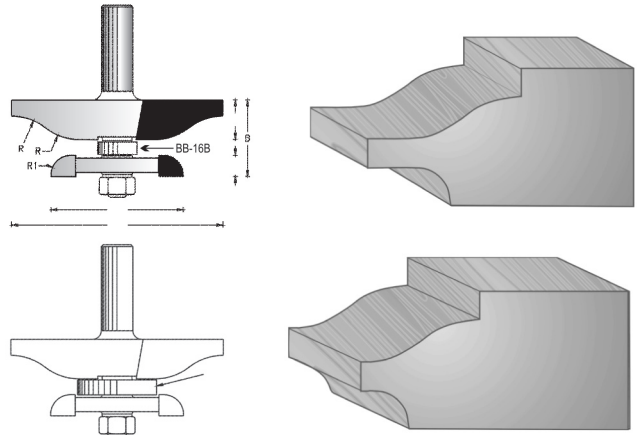
LR85593

LR85594



Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR85595	1"	1-1/2"	1/2"	2-7/8"
LR85596	1-1/8"	1-1/2"	1/2"	2-7/8"
LR85593	1-1/8"	1-1/2"	1/2"	2-7/8"
LR85594	1-3/16"	1-1/2"	1/2"	2-7/8"

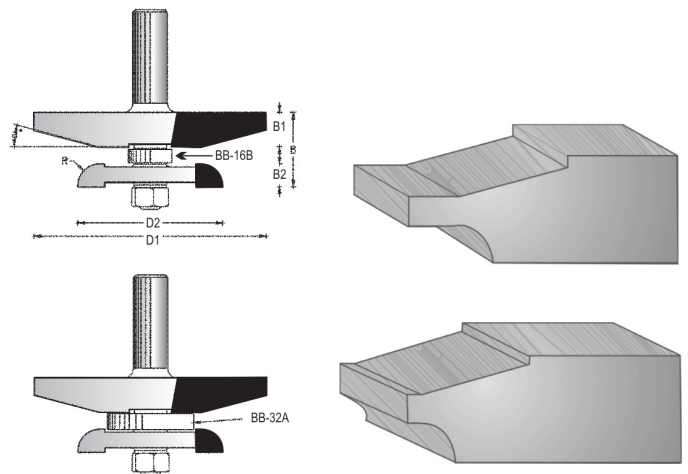
Raised Panel Router Bits with Back Cutter



Part Number	Large Dia	Small Dia	Cutting Height	Radius 1	Radius 2	Shank Dia	Overall Length
LR85550	3-3/8"	2-1/8"	1-3/16"	7/8"	5/16"	1/2"	3-1/16"

Complete Set consists of:

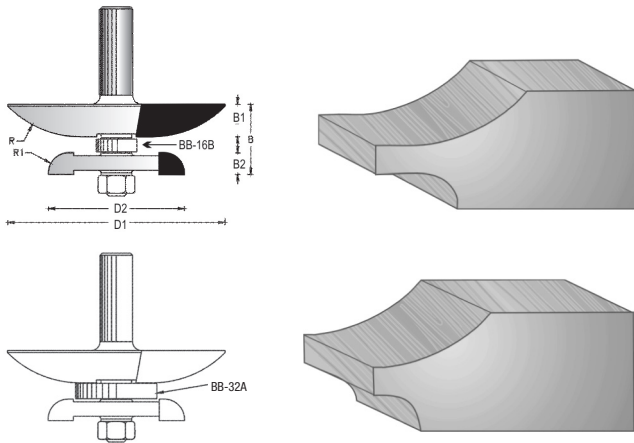
- Raised Panel Cutter: LR85550R
- Back Cutter: LR85550B
- Ball Bearings: LR95005D & LR95017A
- Washers: LR95207 (12x8x1.0mm)
- Shims: LR95301 (12x8x0.1mm) 2 pcs
- Shims: LR95303 (12x8x0.2mm) 2 pcs
- Shims: LR95305 (12x8x0.5mm) 2 pcs
- Nut: LR95400 (NF5/16) 1 pc



Part Number	Large Dia	Small Dia	Cutting Height	Bevel	Radius	Shank Dia	Overall Length
LR85551	3-3/8"	2-1/8"	1-1/16"	15 Deg	5/16"	1/2"	2-15/16"

Complete Set consists of:

- Raised Panel Cutter: LR85551R
- Back Cutter: LR85550B
- Ball Bearings: LR95005D & LR95017A
- Washers: LR95207 (12x8x1.0mm)
- Shims: LR95301 (12x8x0.1mm) 2 pcs
- Shims: LR95303 (12x8x0.2mm) 2 pcs
- Shims: LR95305 (12x8x0.5mm) 2 pcs
- Nut: LR95400 (NF5/16) 1 pc

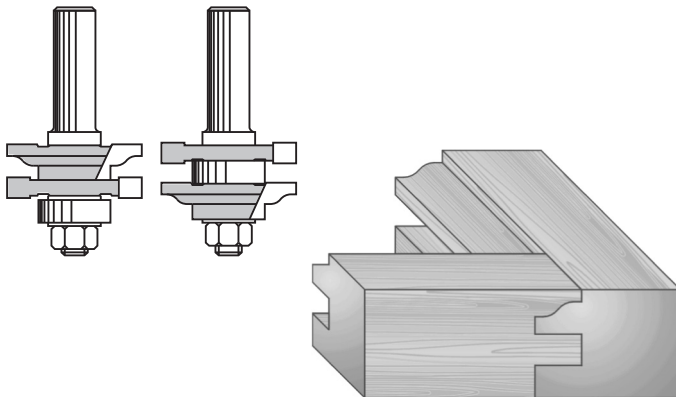


Part Number	Large Dia	Small Dia	Cutting Height	Rad 1	Rad 2	Shank Dia	Overall Length
LR85552	3-3/8	2-1/8	1-1/16	1-9/16	5/16	1/2	2-15/16

Complete Set consists of:

- Raised Panel Cutter: LR85552R
- Back Cutter: LR85550B
- Ball Bearings: LR95005D & LR95017A
- Washers: LR95207 (12x8x1.0mm)
- Shims: LR95301 (12x8x0.1mm) 2 pcs
- Shims: LR95303 (12x8x0.2mm) 2 pcs
- Shims: LR95305 (12x8x0.5mm) 2 pcs
- Nut: LR95400 (NF5/16) 1 pc

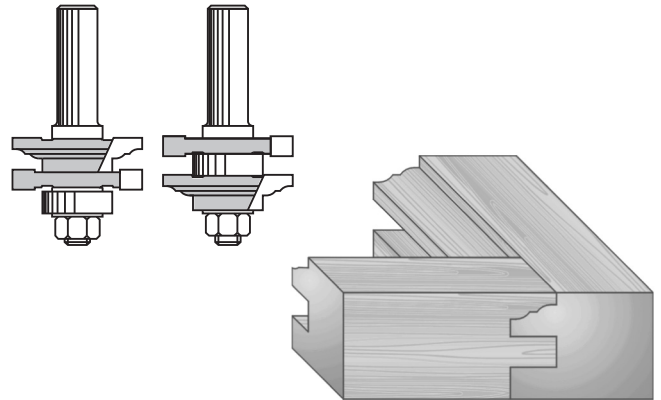
Rail & Stile Bits, Reversible, 1 Piece, 2 Wings



Part Number	Cutting Dia	Groove Width	Groove Depth	Shank Dia	Shank Length
LR85726	1-5/8"	1/4"	3/8"	1/2"	3"

Replacement Parts:

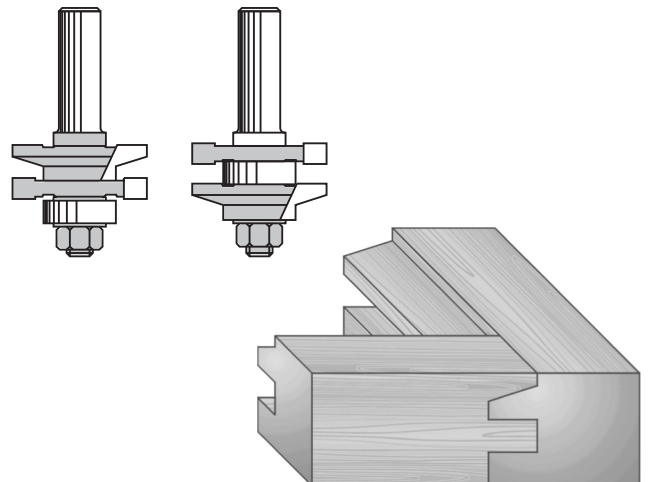
- Profile Cutter: LR85726C
- Groove Cutter: LR85729
- Arbor & Nut: LR95105
- Ball Bearings: LR95008
- Washers: LR95306
- Spacer: LR95302 (0.1mm)
- Spacer: LR95300 (0.05mm)



Part Number	Cutting Dia	Groove Width	Groove Depth	Shank Dia	Shank Length
LR85727	1-5/8"	1/4"	3/8"	1/2"	3"

Replacement Parts:

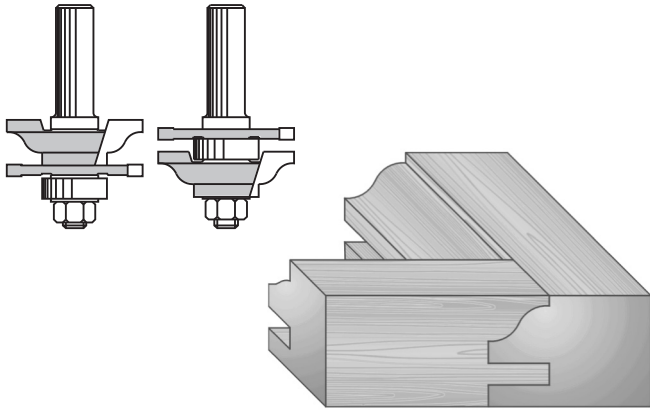
- Profile Cutter: LR85727C
- Groove Cutter: LR85729
- Arbor & Nut: LR95105
- Ball Bearings: LR95008
- Washers: LR95306
- Spacer: LR95302 (0.1mm)
- Spacer: LR95300 (0.05mm)



Part Number	Cutting Dia	Groove Width	Groove Depth	Shank Dia	Shank Length
LR85728	1-5/8"	1/4"	3/8"	1/2"	3"

Replacement Parts:

- Profile Cutter: LR85728C
- Groove Cutter: LR85729
- Arbor & Nut: LR95105
- Ball Bearings: LR95008
- Washers: LR95306
- Spacer: LR95302 (0.1mm)
- Spacer: LR95300 (0.05mm)

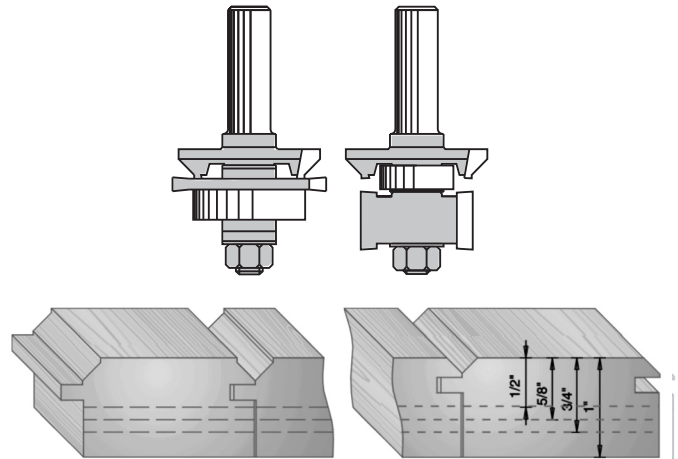


Part Number	Cutting Dia	Groove Width	Groove Depth	Shank Dia	Overall Length
for 3/4" to 7/8" material					
LR85730	1-13/16"	5/32"	1/2"	1/2"	3"

Replacement Parts:

- Profile Cutter: LR85730C
- Groove Cutter: LR85732
- Arbor & Nut: LR95105
- Ball Bearings: LR95008
- Washers: LR95306
- Spacer: LR95302 (0.1mm)
- Spacer: LR95300 (0.05mm)

"V" Panel Bit Set, 1 Piece, 2 Wings

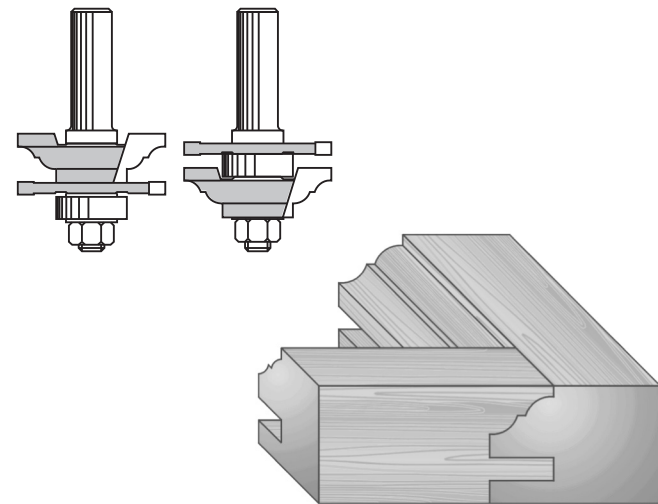


Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR85724	1-13/16"	1-3/16"	1/2"	3"

Replacement Parts:

- Profile Cutter: LR85724P
- Rabetting Cutter: LR85700
- Groove Cutter: LR85732
- Arbor & Nut: LR95105B
- Ball Bearings: LR95008 & LR95010C
- Spacer: LR95307 (3 pcs)
- Spacer: LR95306 (2 pcs)
- Shims: LR95304
- Shims: LR95305
- Shims: LR95302 (3 pcs)
- Shims: LR95300

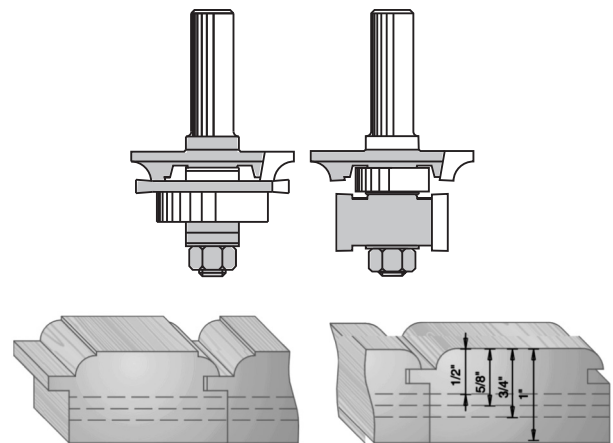
"C" Panel Bit Set, 1 Piece, 2 Wings



Part Number	Cutting Dia	Groove Width	Groove Depth	Shank Dia	Overall Length
for 3/4" to 7/8" material					
LR85731	1-13/16"	5/32"	1/2"	1/2"	3"

Replacement Parts:

- Profile Cutter: LR85731C
- Groove Cutter: LR85732
- Arbor & Nut: LR95105
- Ball Bearings: LR95008
- Washers: LR95306
- Spacer: LR95302 (0.1mm)
- Spacer: LR95300 (0.05mm)

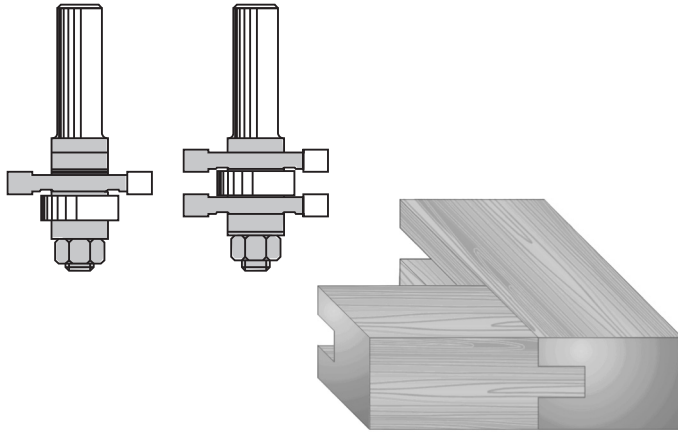


Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR85723	1-13/16"	1-3/16"	1/2"	3"

Replacement Parts:

- Profile Cutter: LR85723P
- Rabetting Cutter: LR85700
- Groove Cutter: LR85732
- Arbor & Nut: LR95105B
- Ball Bearings: LR95008 & LR95010C
- Spacer: LR95307 (3 pcs)
- Spacer: LR95306 (2 pcs)
- Shims: LR95304
- Shims: LR95305
- Shims: LR95302 (3 pcs)
- Shims: LR95300

Tongue & Groove Cutter, 1 Piece, Reversible, 2 Wings

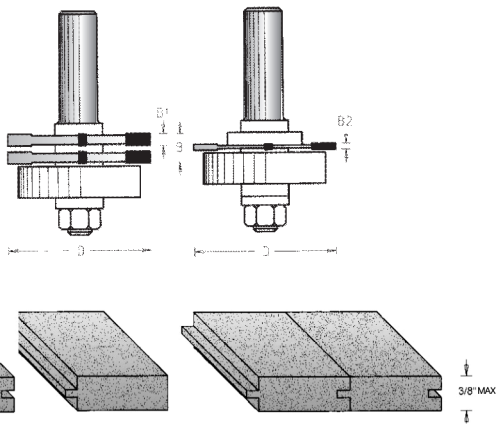


Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
for 5/8" to 3/4" material				
LR92734	1-5/8"	3/4"	1/2"	3"

Replacement Parts:

- Groove Cutter: LR85729 (2 pcs)
- Arbor & Nut: LR95105
- Ball Bearings: LR95008
- Washers: LR95306
- Spacer: LR95302 (0.1mm)
- Spacer: LR95304 (0.5mm)
- Spacer: LR95309 (6.0mm)

Tongue & Groove - Joint Set, 1 Piece, 3 Wings

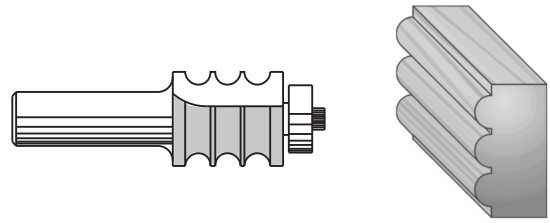


Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
for 5/8" to 3/4" material				
LR92735	1-7/8"	3/8"	1/2"	3"

Replacement Parts:

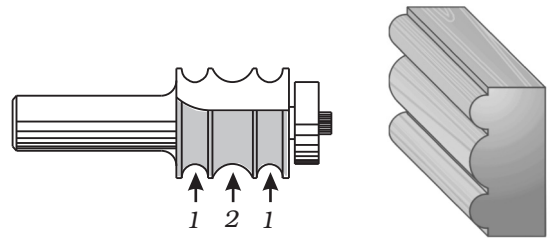
- Groove Cutter: LR92431 (2 pcs) Shims: LR95309
- Groove Cutter: LR92351 (1 pc) Shims: LR95305
- Arbor & Nut: LR95105 Shims: LR95306 (2 pcs)
- Ball Bearings: LR95027 & Shims: LR95302
- LR95016 Shims: LR95300

Triple Beading Bits, with Bearing, 2 Flutes



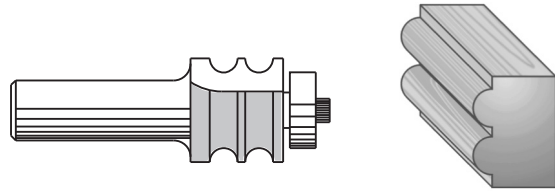
Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR89247B	7/8"	1"	1/8"	1/4"	2-1/2"
LR89248B	7/8"	1"	1/8"	1/2"	2-7/8"

Replacement Bearing: LR95005B



Part Number	Cutting Dia	Cutting Length	Rad 1	Rad 2	Shank Dia	Overall Length
LR89251	1"	1"	1/8"	3/16"	1/4"	2-1/4"
LR89252	1"	1"	1/8"	3/16"	1/2"	2-1/4"

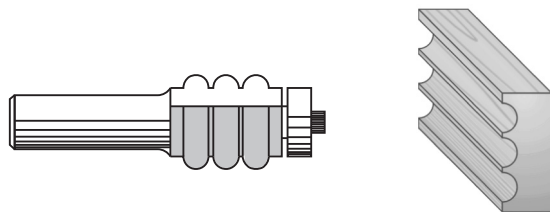
Replacement Bearing: LR95006



Double Beading Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR89254	7/8"	3/4"	1/8"	1/2"	2-5/8"

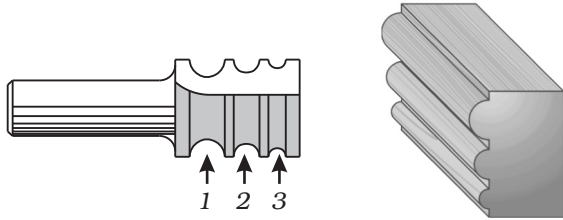
Replacement Bearing: LR95005B



Convex Beading Bits, with Bearing, 2 Flutes

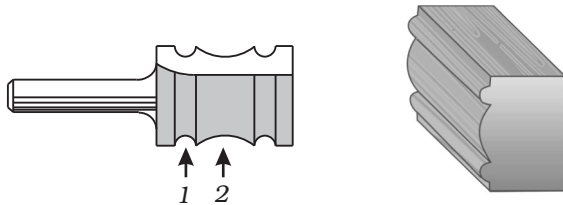
Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR89255	7/8"	1"	1/8"	1/4"	2-1/2"
LR89256	7/8"	1"	1/8"	1/2"	2-7/8"

Replacement Bearing: LR95005B



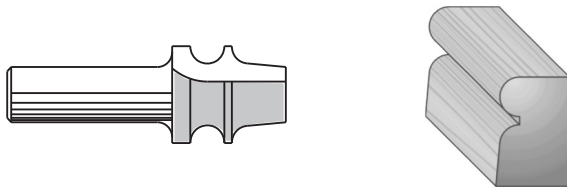
Variable Beading Bits, 2 Flutes

Part Number	Cut Dia	Cut Length	Rad 1	Rad 2	Rad 3	Shank Dia	Overall Length
LR89249	7/8	1-1/8	5/32	1/8	5/64	1/4	2-1/4
LR89250	7/8	1-1/8	5/32	1/8	5/64	1/2	2-5/8



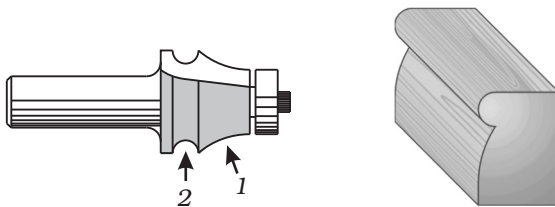
Triple Beading Bits, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Rad 1	Rad 2	Shank Dia	Overall Length
LR89253	3/4"	1"	5/64"	1/4"	1/4"	2-1/8"



Edge Beading Bits, 2 Flutes

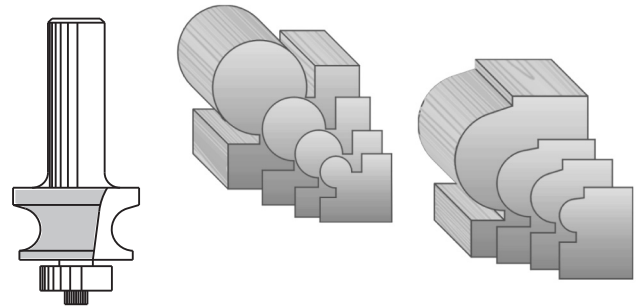
Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR94233	7/8"	1-1/32"	5/32"	1/4"	2-5/16"
LR94233A	7/8"	1-1/32"	5/32"	1/2"	2-1/2"



Edge Beading Bits, with Bearing, 2 Flutes

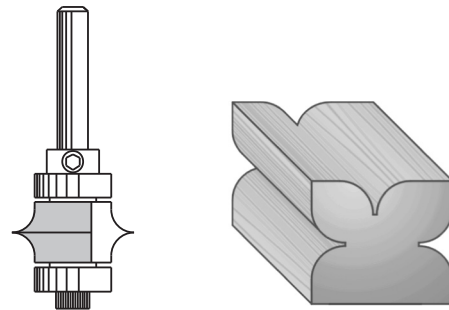
Part Number	Cutting Dia	Cutting Length	Rad 1	Rad 2	Shank Dia	Overall Length
LR94234	1"	7/8"	1"	3/32"	1/2"	2-3/4"
LR94235	1"	7/8"	3/4"	1/8"	1/2"	2-3/4"
LR94236	1"	7/8"	9/16"	5/32"	1/2"	2-3/4"
LR94237	1"	7/8"	3/8"	3/16"	1/2"	2-3/4"

Replacement Bearing: LR95005B



Corner Beading Bits, with Bearing, 2 Flutes

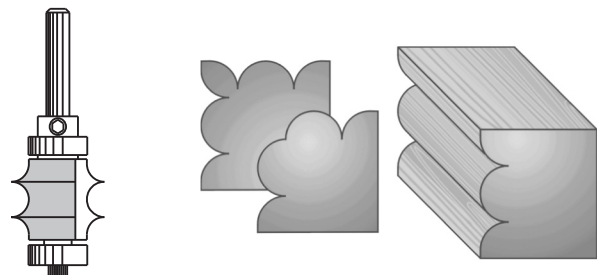
Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length	Bearing
LR91234	7/8"	9/16"	1/8"	1/4"	2-1/8"	LR95004
LR91236	7/8"	9/16"	1/8"	1/2"	2-1/2"	LR95004
LR91238	1-1/16"	5/8"	3/16"	1/4"	2-1/4"	LR95005B
LR91240	1-1/16"	5/8"	3/16"	1/2"	2-5/8"	LR95005B
LR91241	1-1/4"	3/4"	1/4"	1/4"	2-3/8"	LR95005B
LR91244	1-1/4"	3/4"	1/4"	1/2"	2-5/8"	LR95005B
LR91246	1-1/2"	1"	3/8"	1/2"	3"	LR95005B



Beading Bits, Leaf Edge Style, with Double Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR91275	1"	1/2"	3/16"	1/4"	2-1/2"
LR91276	1-1/8"	5/8"	1/4"	1/4"	2-5/8"
LR91277	1-3/8"	7/8"	3/8"	1/4"	2-7/8"

Replacement Bearing: LR95005

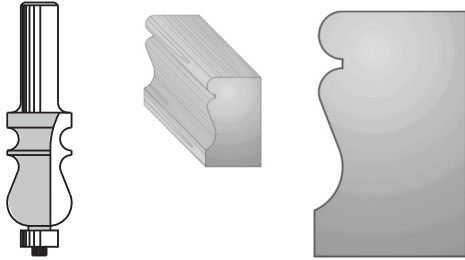


Beading Bits, Double Leaf Edge, with Double Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR91275A	1"	7/8"	3/16"	1/4"	3"

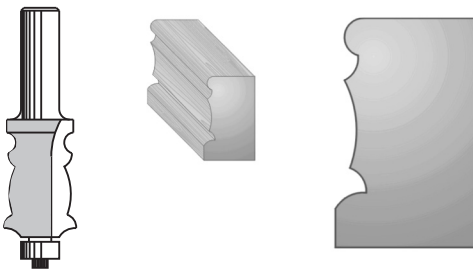
Replacement Bearing: LR95005

Fancy Moulding Bits, with Bearing, 2 Flutes



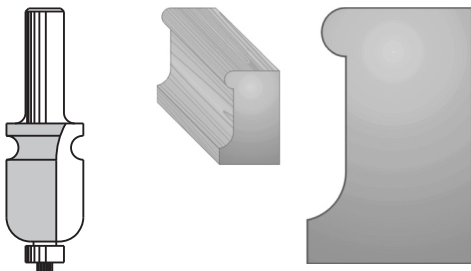
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94106	7/8"	1-1/2"	1/2"	3-3/8"

Replacement Bearing: LR95004



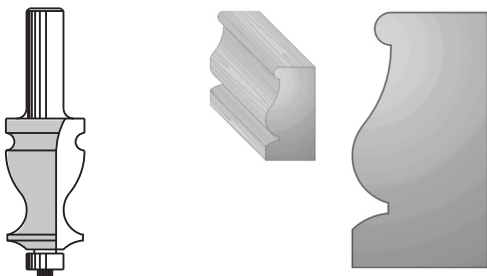
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94104	1"	1-1/2"	1/2"	3-1/2"

Replacement Bearing: LR95004



Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94102	1"	1-1/2"	1/2"	3-3/8"

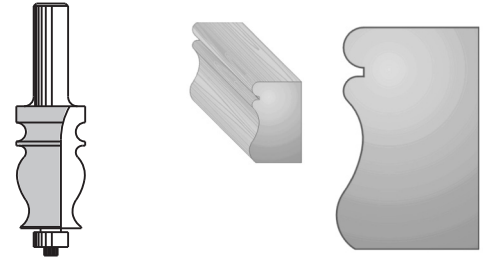
Replacement Bearing: LR95004



Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94100	1-1/16"	1-3/4"	1/2"	3-1/2"

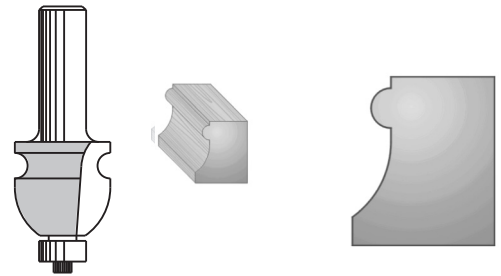
Replacement Bearing: LR95004

Edge Forming Bits, with Bearing, 2 Flutes



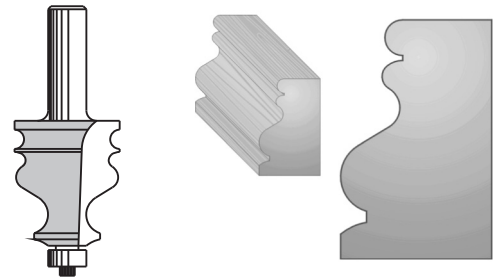
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94103	1"	1-3/4"	1/2"	3-3/4"

Replacement Bearing: LR95004



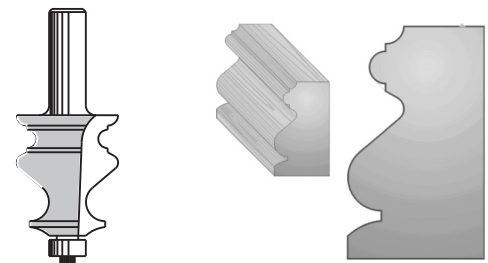
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94101	1"	1"	1/2"	2-7/8"

Replacement Bearing: LR95004



Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94099	1-3/8"	1-5/8"	1/2"	3-1/2"

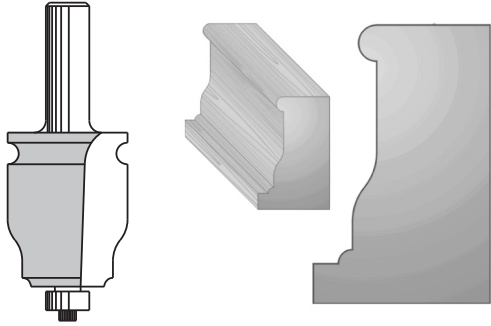
Replacement Bearing: LR95004



Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94098	1-3/8"	1-5/8"	1/2"	3-1/2"

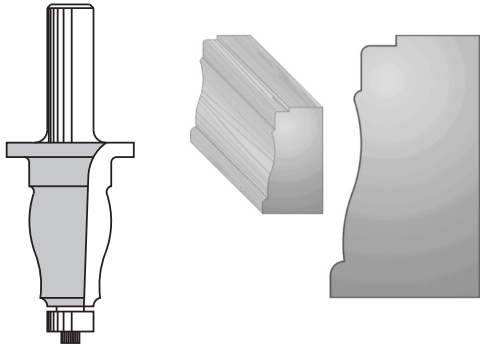
Replacement Bearing: LR95004

Edge Forming Bits, with Bearing, 2 Flutes



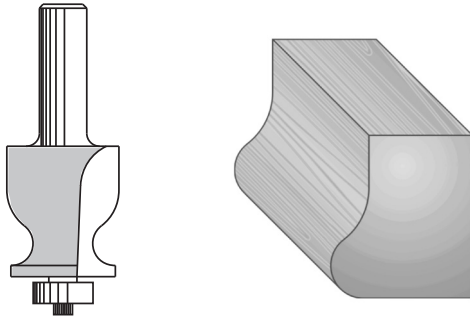
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94090	1-3/8"	1-3/4"	1/2"	3-5/8"

Replacement Bearing: LR95004



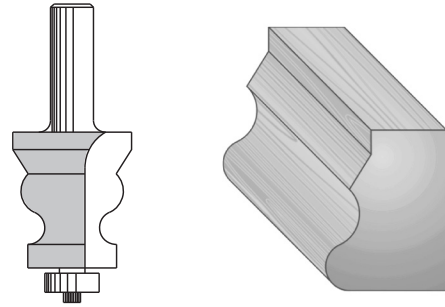
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94091	1-3/8"	1-3/4"	1/2"	3-5/8"

Replacement Bearing: LR95004



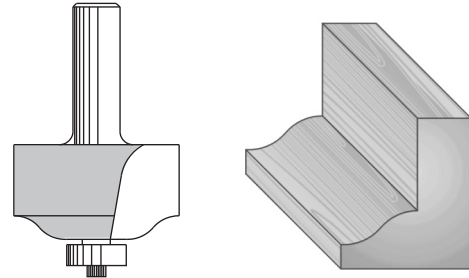
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94096	1-3/16"	1-3/8"	1/2"	3-1/4"

Replacement Bearing: LR95005B



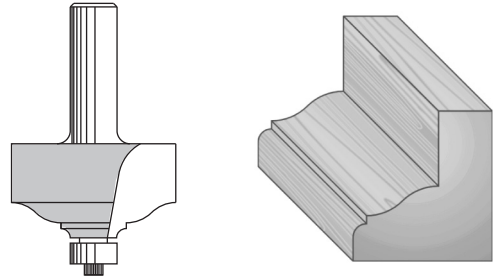
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94095	1-3/8"	1-1/2"	1/2"	3-3/8"

Replacement Bearing: LR95005B



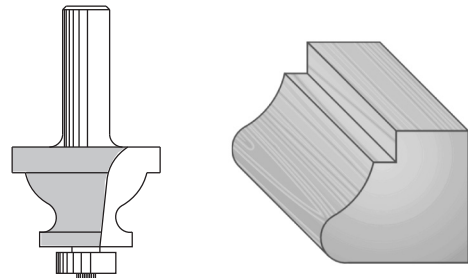
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94092	1-3/4"	1"	1/2"	3"

Replacement Bearing: LR95005A



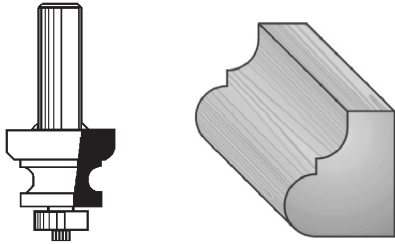
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94097	1-3/4"	1"	1/2"	3"

Replacement Bearing: LR95004



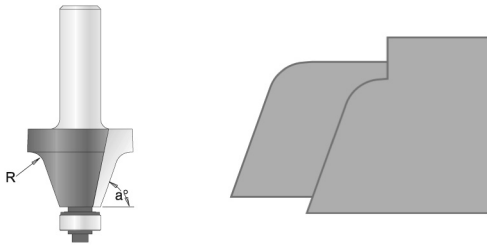
Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR94083	1-9/16"	1-1/16"	5/32"	1/2"	3"

Replacement Bearing: LR95005B



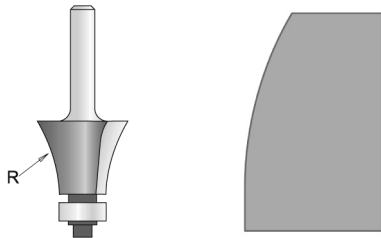
Part Number	Cutting Dia	Cutting Length	Radius 1&2	Shank Dia	Overall Length
LR94084	13/16"	19/32"	5/64"	1/2"	2-1/2"
LR94085	1-1/4"	7/8"	5/32"	1/2"	2-3/4"
LR94086	1-9/16"	1-3/16"	7/32"	1/2"	3-1/16"

Replacement Bearing: LR95005B



Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR94080	1-5/16"	5/8"	3/16"	1/2"	2-15/16"

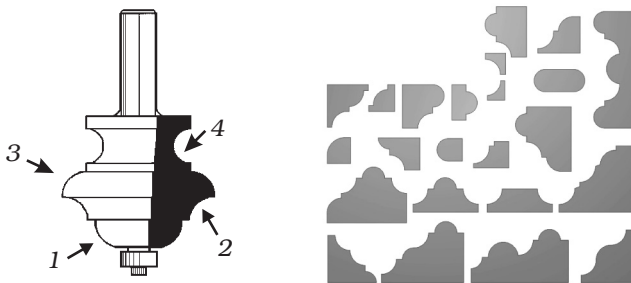
Replacement Bearing: LR95004



Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR94081	15/16"	5/8"	1-21/32"	1/4"	2-7/16"

Replacement Bearing: LR95004

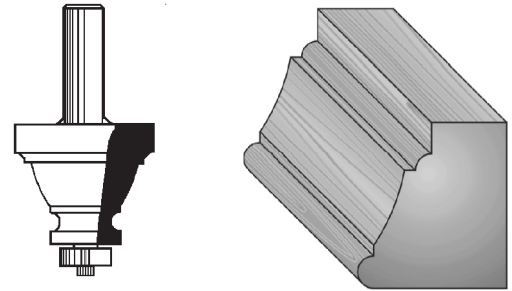
Multi Profile Bit, with Bearing, 2 Flutes



Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94050	2-1/8"	1-7/8"	1/2"	3-3/4"

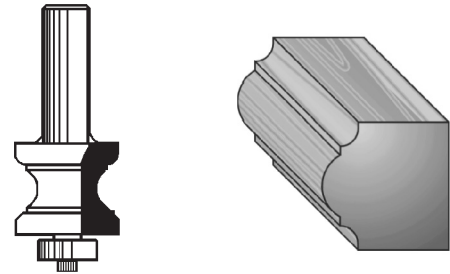
Rad 1 = 23/64" Rad 2 = 21/64" Rad 3 = 21/64"
Rad 4 = 1/4" **Replacement Bearing: LR95004**

Moulding Bits, with Bearing, 2 Flutes



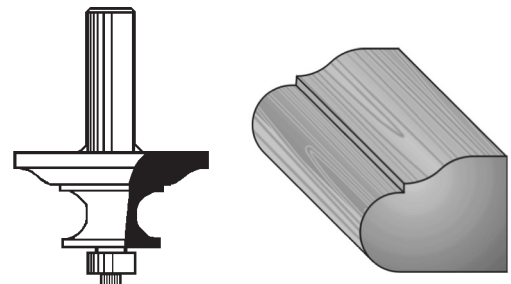
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94094	1-3/4"	1-1/2"	1/2"	3-7/16"

Replacement Bearing: LR95005B



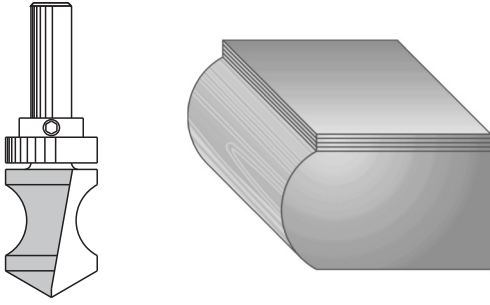
Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR94087	1-1/8"	1"	15/64"	1/2"	2-7/8"
LR94088	1-1/4"	1-3/16"	5/16"	1/2"	3-1/8"
LR94089	1-3/8"	1-9/16"	33/64"	1/2"	3-1/2"

Replacement Bearing: LR95005B



Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR94093	2"	1"	1/4"	1/2"	2-7/8"

Replacement Bearing: LR95004



**Bull Nose Bit Plunge Type,
with Centre Bearing, 2 Flutes**

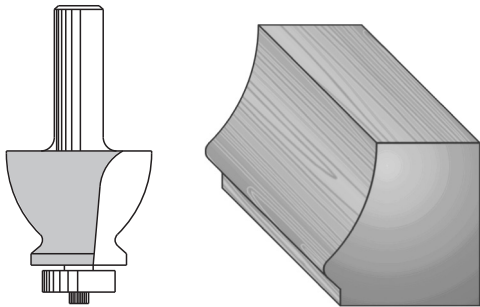
Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR94052	1-1/8"	1-9/16"	1/2"	1/2"	3-5/8"

Replacement Bearings: LR95009

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR94054	1-1/8"	1-9/16"	1/2"	1/2"	3-5/8"

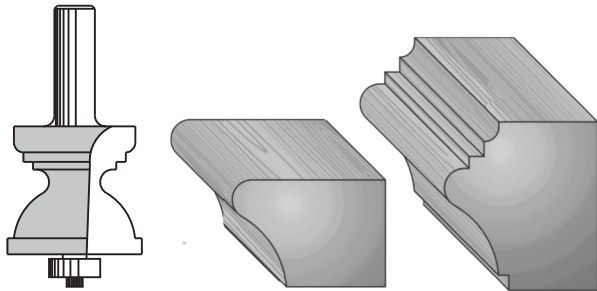
**** NO BEARING ****

Moulding Bits, with Bearing, 2 Flutes



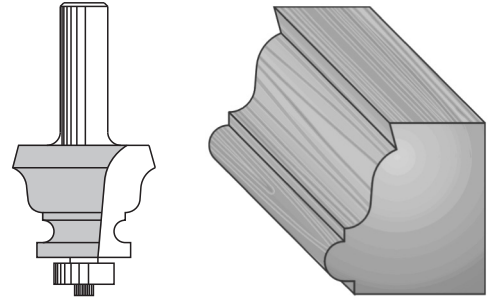
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94056	1-1/2"	1-3/16"	1/2"	3-1/4"

Replacement Bearing: LR95006



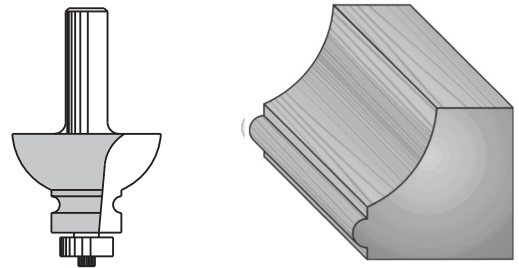
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94058	1-5/8"	1-9/16"	1/2"	3-1/2"

Replacement Bearing: LR95005B



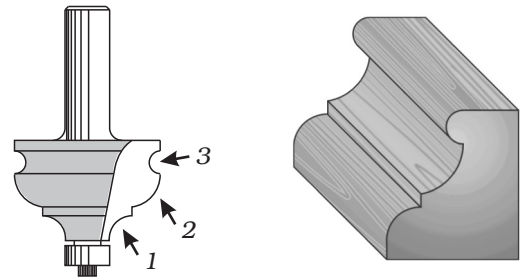
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94060	1-1/2"	1-3/16"	1/2"	3-1/8"

Replacement Bearing: LR95005B



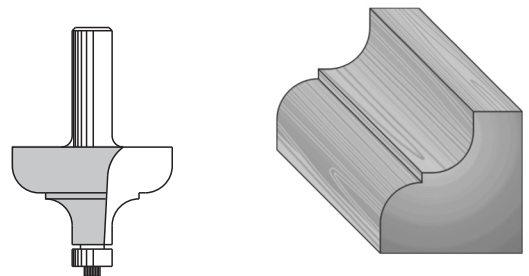
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94062	1-3/4"	1-3/16"	1/2"	3-3/8"

Replacement Bearing: LR95005B



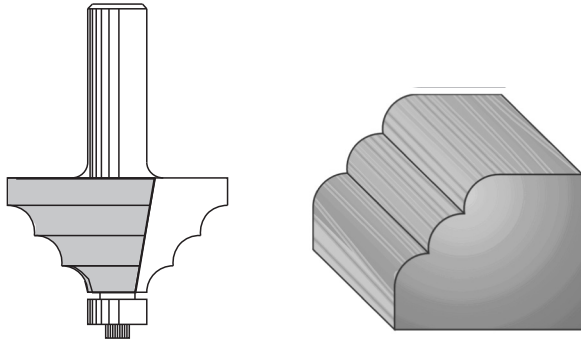
Part Number	Cutting Dia	Cutting Length	Rad 1	Rad 2	Rad 3	Shnk Dia	O.A.L.
LR94064	1-5/8"	1-1/8"	1/4"	3/8"	1/8"	1/2"	3"

Replacement Bearing: LR95004



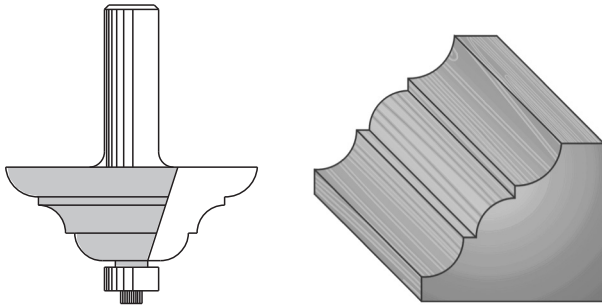
Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR94066	2"	1-7/32"	21/64"	1/2"	3-1/8"

Replacement Bearing: LR95004



Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR94068	1-7/8"	15/16"	15/64"	1/2"	2-7/8"

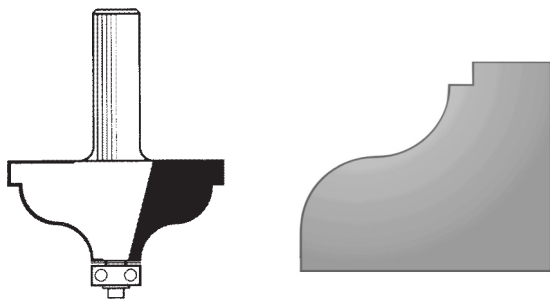
Replacement Bearing: LR95004



Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94076	2-5/16"	7/8"	1/2"	2-3/4"

Multi-Radii

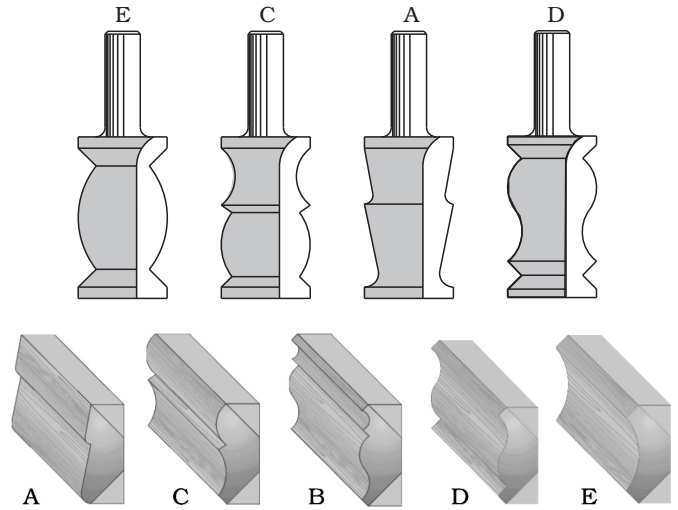
Replacement Bearing: LR95004



Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94077	2-1/4"	1"	1/2"	2-7/8"

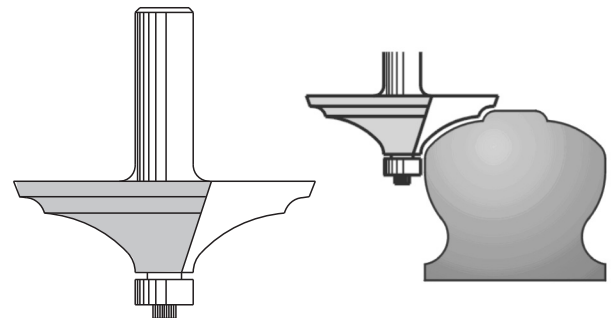
Replacement Bearing: LR95004

Crown Moulding Bits, 2 Flutes



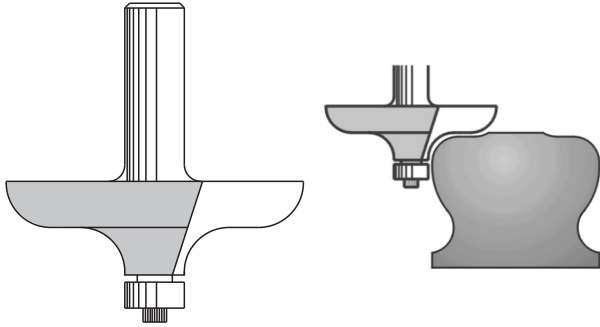
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
A LR94070	1-1/4"	2-1/4"	1/2"	3-3/4"
B LR94073	1-1/4"	2-1/4"	1/2"	3-3/4"
C LR94074	1-1/4"	2-1/4"	1/2"	3-3/4"
D LR94072	1-1/4"	2-1/4"	1/2"	3-3/4"
E LR94071	1-1/4"	2-1/4"	1/2"	3-3/4"

Handrail Bits, with Bearing, 2 Flutes



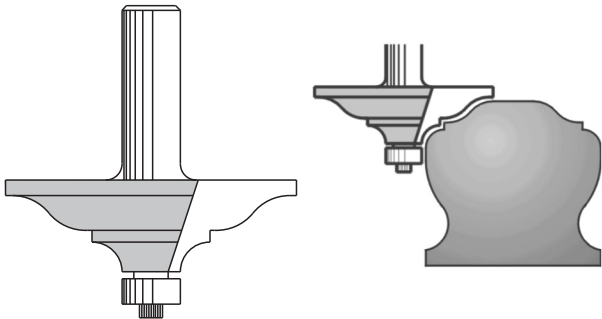
Part Number	Cutting Dia	Cutting Height	Shank Dia	Overall Length
LR85811	2-5/8"	3/4"	1/2"	2-5/8"

Replacement Bearing: LR95004



Part Number	Cutting Dia	Cutting Height	Shank Dia	Overall Length
LR85814	2-1/2"	25/32"	1/2"	2-3/4"

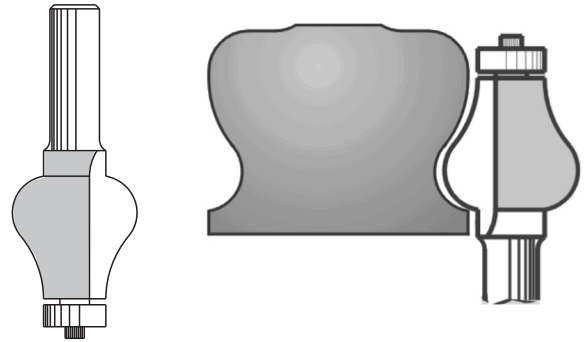
Replacement Bearing: LR95004



Part Number	Cutting Dia	Cutting Height	Shank Dia	Overall Length
LR85816	2-1/2"	25/32"	1/2"	2-3/4"

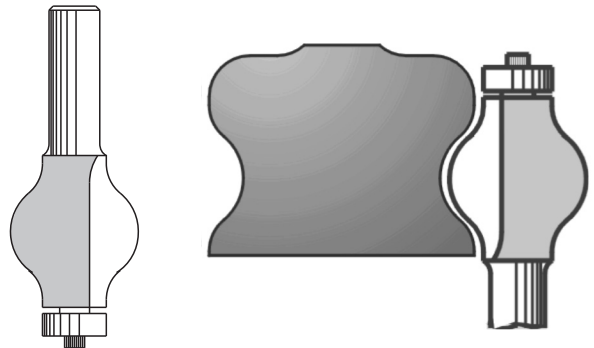
Replacement Bearing: LR95004

Handrail Bits, with Bearing, 2 Flutes



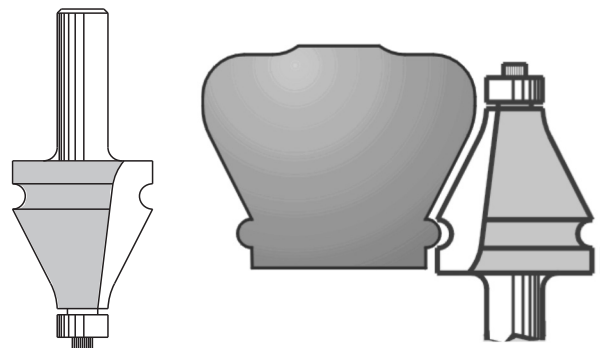
Part Number	Cutting Dia	Cutting Height	Shank Dia	Overall Length
LR85812	1-1/4"	1-1/2"	1/2"	3-3/8"

Replacement Bearing: LR95005B



Part Number	Cutting Dia	Cutting Height	Shank Dia	Overall Length
LR85813	1-1/4"	1-1/2"	1/2"	3-3/8"

Replacement Bearing: LR95005B



Part Number	Cutting Dia	Cutting Height	Cutting Radius	Shank Dia	Overall Length
LR85815	1-3/8"	1-1/2"	1/8"	1/2"	3-3/8"

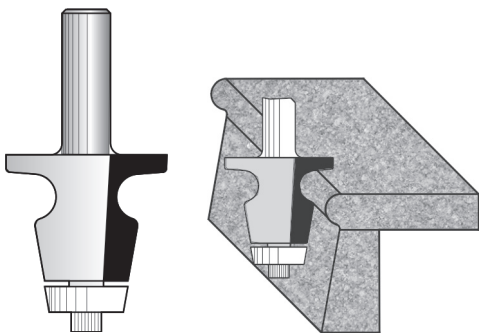
Replacement Bearing: LR95004

Solid Surface Bits

Corian Avonite Fountainhead 2000X

These tools have been specifically engineered for the fabrication of solid surface materials. The soft bearing design and micrograin carbide structure of the cutting edges provide effortless machining with exceptional tool life.

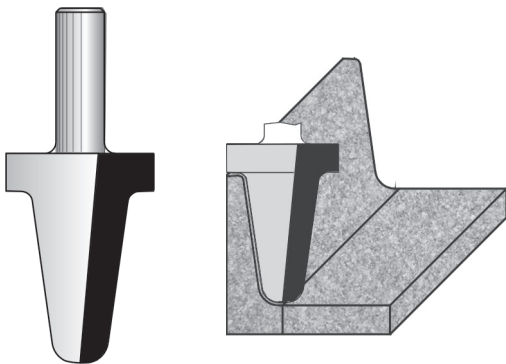
Corian is a registered trademark of DuPont.
 Avonite is a registered trademark of Avonite Corporation.
 Fountainhead is a registered trademark of Nevemar Corporation.
 2000X is a registered trademark of Formica Corporation.



Undermount Profile Bowl Bit, with Bearing, 2 Flutes

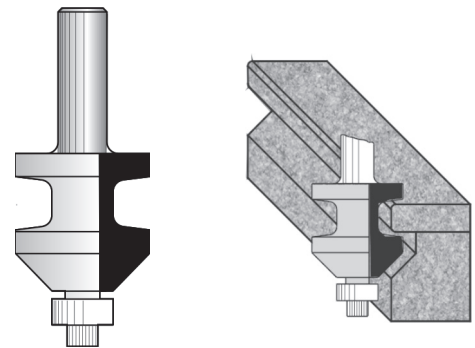
Part Number	Cutting Dia	Cutting Length	Radius	Bevel	Shank Dia	Overall Length
LR91440	1-3/8"	1-5/16"	15/64"	10 Deg	1/2"	3-5/16"

Replacement Bearing: LR95014



Corner Cove Bits, 2 Flutes

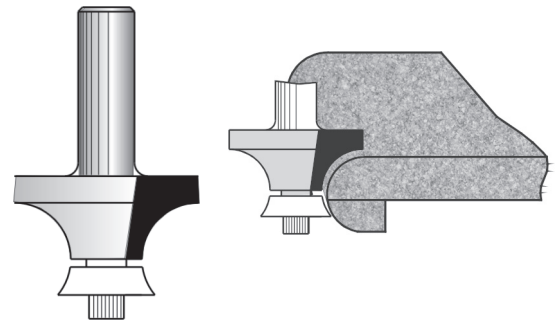
Part Number	Cutting Dia	Cutting Length	Rad 1	Rad 2	Shank Dia	Overall Length
LR91442	1-17/32"	1-37/64"	15/64"	1/8"	1/2"	3-1/16"
LR91444	1-17/32"	2-5/32"	15/64"	1/8"	1/2"	3-11/16"



Bevel Hob Bit, with Bearing, 2 Flutes

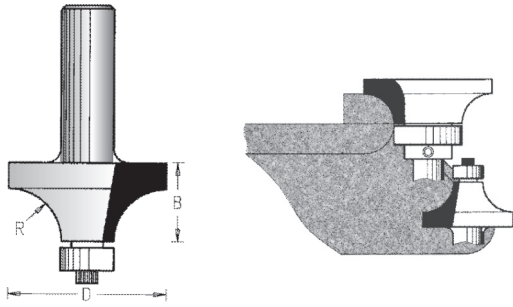
Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR91446	1-3/8"	1-27/64"	1/8"	1/2"	2-7/8"

Replacement Bearing: LR95005



Corner Rounding Bits, with Bearing, 2 Flutes

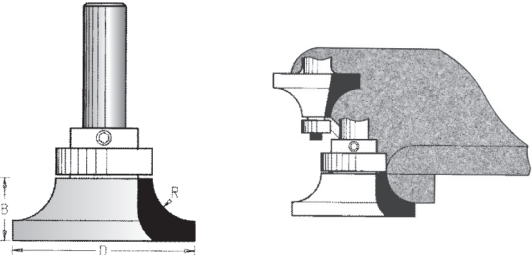
Part Number	Cutting Dia	Cutting Length	Rad	Shank Dia	Overall Length	Bearing
LR91457	1-5/8"	47/64"	1/2"	1/2"	2-1/16"	LR95018
LR91458	2-1/8"	63/64"	3/4"	1/2"	2-29/32"	LR95019
LR91459	2-5/8"	1-15/64"	1"	1/2"	2-1/16"	LR95020



Rounding Over Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR91453	1-1/8"	1/2"	5/16"	1/2"	2-5/16"
LR91454	1-1/4"	5/8"	3/8"	1/2"	2-7/16"
LR91455	1-1/2"	3/4"	1/2"	1/2"	2-9/16"
LR91456	2"	1"	3/4"	1/2"	2-3/4"

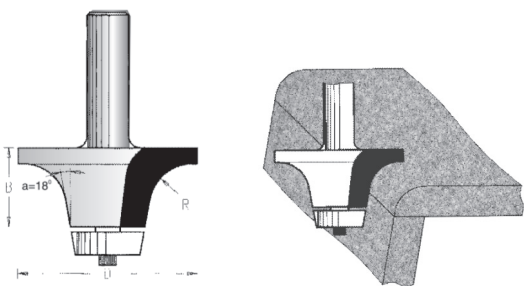
Replacement Bearing: LR95012



Inverted Rounding Over Bits, with Centre Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR94220	2-1/8"	3/4"	1/2"	1/2"	2-7/8"
LR94222	2-5/8"	1"	3/4"	1/2"	3"

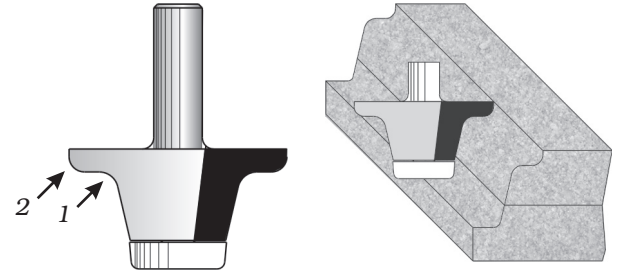
Replacement Bearing: LR9509A



Rounding Over Undermount Bowl Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR91460	2-1/8"	1"	1/2"	1/2"	3-1/16"
LR91462	2-1/4"	1-1/4"	9/16"	1/2"	3-5/16"

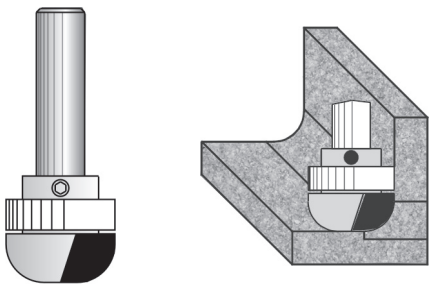
Replacement Bearing: LR95014



Undermount Bowl Bit, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius 1	Radius 2	Shank Dia	Overall Length
LR91464	2-1/4"	15/16"	13/64"	5/32"	1/2"	2-51/64"

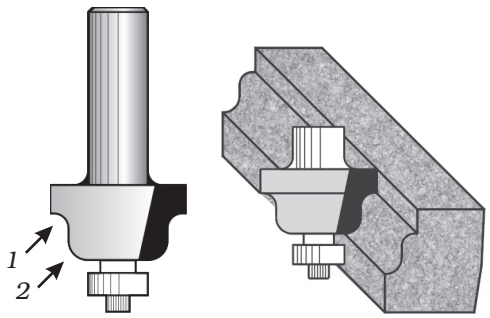
Replacement Bearing: LR95021



Cove Bit, with Centre Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR91448	1-1/8"	1/2"	25/64"	1/2"	2-7/8"

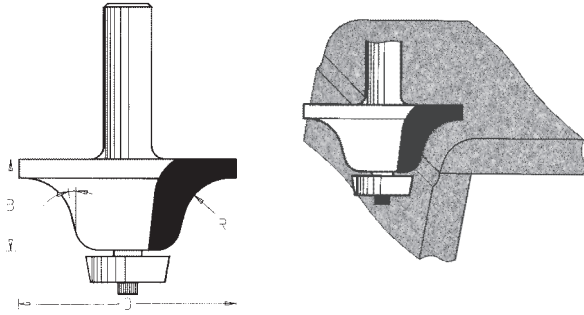
Replacement Bearing: LR95009A



Roman Ogee Bit, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius 1	Radius 2	Shank Dia	Overall Length
LR91436	1-1/8"	5/8"	1/8"	5/32"	1/2"	2-9/16"

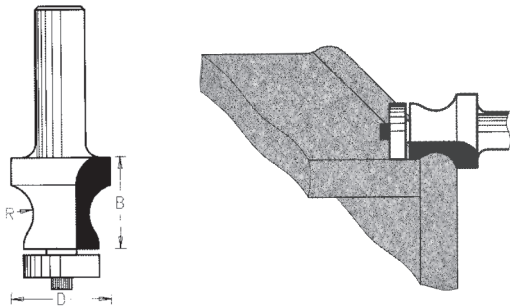
Replacement Bearing: LR95012



Roman Ogee Undermount Bowl Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR91450	2-1/8"	1"	1/2"	1/2"	3"
LR91452	2-3/8"	1-1/4"	9/16"	1/2"	3-3/8"

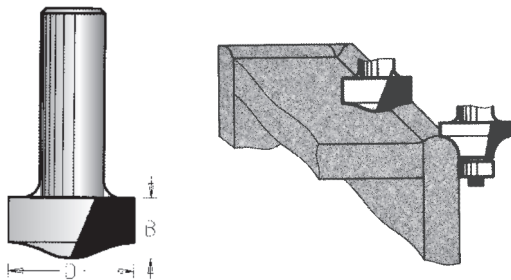
Replacement Bearing: LR95014



Countertop Bits, with Bearing, 2 Flutes

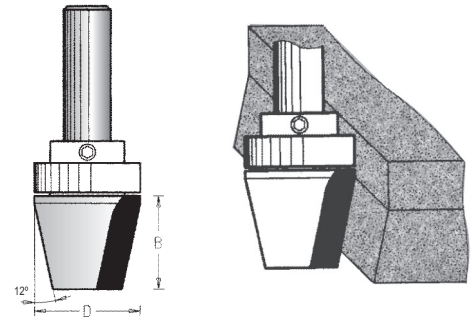
Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR91482	1"	7/8"	5/16"	1/2"	2-7/8"
LR91484	1"	1-1/8"	5/16"	1/2"	3-1/16"

Replacement Bearing: LR95013



Corner Top Bit No Drip, 2 Flutes

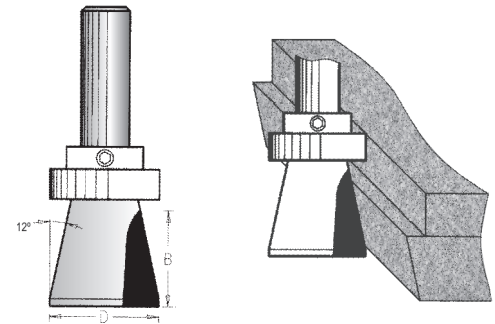
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR91438	1"	1/2"	1/2"	2-1/8"



Topmounted Bowl & Countertop Bits, with Centre Bearing, 2 Flutes

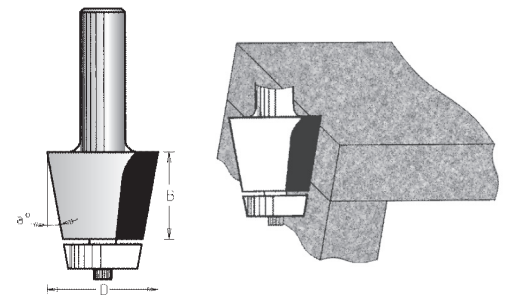
Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94224	1-1/8"	1/2"	1/2"	3-1/8"

Replacement Bearing: LR95009



Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
LR94206	1-1/8"	1/2"	1/2"	3-1/8"

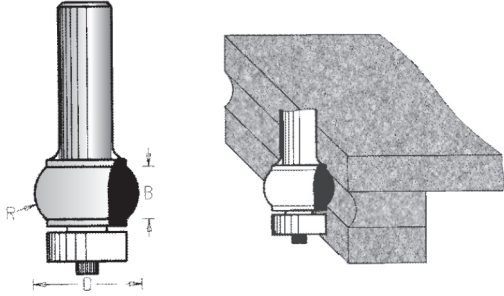
Replacement Bearing: LR95009



Bevel Undermount Bowl Bit, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Bevel	Shank Dia	Overall Length
LR91470	1-1/4"	1"	12 Degree	1/2"	3-3/16"

Replacement Bearing: LR95014

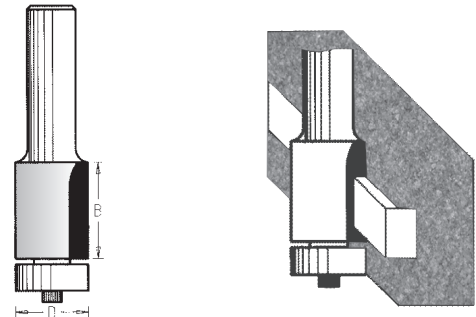


Edge Cove Bit, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Radius	Shank Dia	Overall Length
LR91432	1"	5/8"	5/16"	1/2"	2-5/8"

Replacement Bearing: LR95013

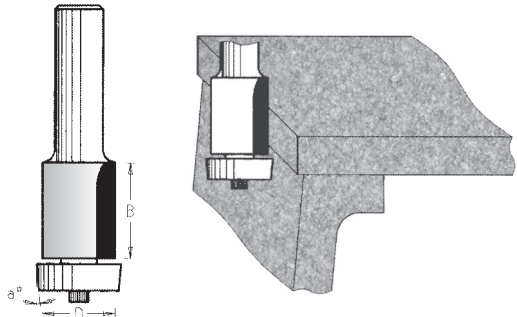
Inlay Trimming Bits, with Bearing, 2 Flutes



Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
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Flush Trim, 0 Degrees				
LR91477B	3/4"	1"	1/2"	3"

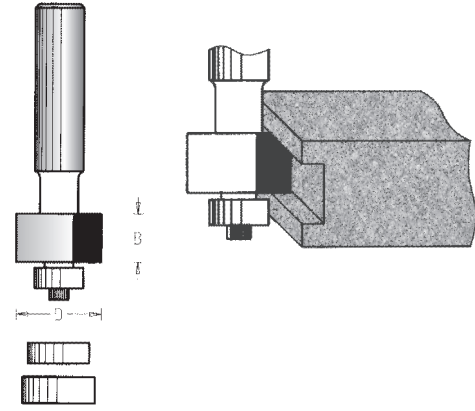
Replacement Bearing: LR95013



Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
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Over-Hang 1/16", 5 Degree rough-out				
LR91476A	3/4"	1"	1/2"	3"

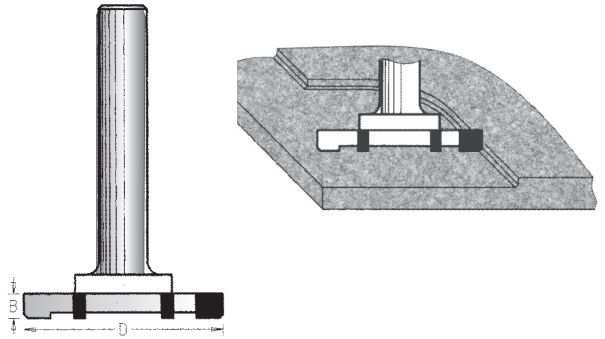
Replacement Bearing: LR95014A



Face Inlay Bits, with Bearing, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Depth of Cut	Shank Dia	Overall Length	Bearing
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LR91250	7/8"	1/4"	1/16"	1/2"	3-1/16"	LR95006
LR91252	7/8"	1/4"	1/8"	1/2"	3"	LR95005
LR91254	7/8"	1/4"	3/16"	1/2"	3"	LR95004A
LR91256	7/8"	1/2"	1/16"	1/2"	3-1/4"	LR95006
LR91258	7/8"	1/2"	1/8"	1/2"	3-1/4"	LR95005
LR91260	7/8"	1/2"	3/16"	1/2"	3-1/4"	LR95004A
LR91262	7/8"	3/4"	1/16"	1/2"	3-7/16"	LR95006
LR91264	7/8"	3/4"	1/8"	1/2"	3-1/2"	LR95005
LR91266	7/8"	3/4"	3/16"	1/2"	3-1/2"	LR95004A

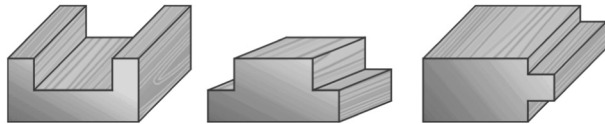
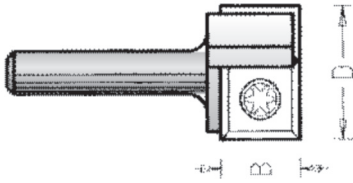


Bowl & Countertop Trim Bit, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
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LR94214	2-1/16"	1/4"	1/2"	3-5/16"
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Turnover Knife Router Bits

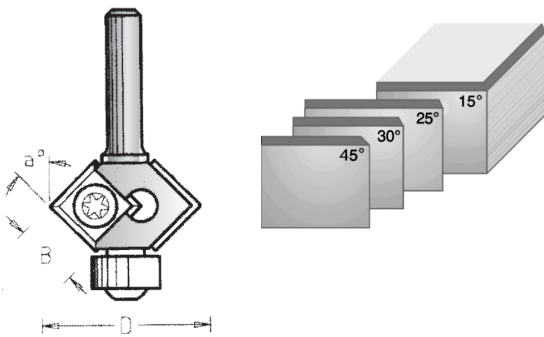


Straight Trim Bits, No Plunge, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
TK96120	18mm	12mm	1/4"	1-3/4"
TK96121	20mm	12mm	1/4"	1-3/4"
TK96122	22mm	12mm	1/4"	1-3/4"
TK96123	3/4"	12mm	1/4"	1-3/4"
TK96124	7/8"	12mm	1/4"	1-3/4"

Replacement Parts:

Knife: 591-1212 (12x12x1.5)
 Screw: 580.RH-M4067.7
 Key: 582-T15F

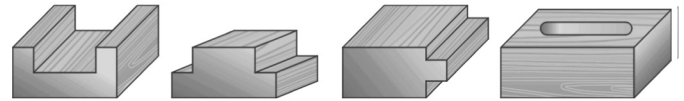
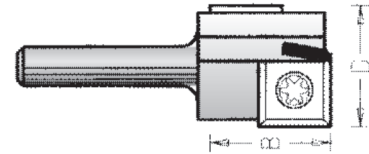


Bevel Trim Bits, with Plunge, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Bevel	Shank Dia	Overall Length
TK96105	20mm	12mm	15 Degree	1/4"	2-1/8"
TK96108	24mm	12mm	25 Degree	1/4"	2-1/8"
TK96110	26mm	12mm	30 Degree	1/4"	2-1/8"
TK96115	27mm	12mm	45 Degree	1/4"	2-1/4"

Replacement Parts:

Knife: 591-1212 (12x12x1.5)
 Bearing: LR95005
 Bearing: LR95004A (for TK96115 only)
 Screw: 580.RH-M4067.7
 Key: 582-T15F

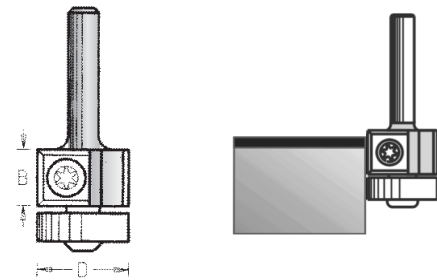


Staggered Trim Bits, with Plunge, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length
TK96130	18mm	20mm	1/4"	2"
TK96131	18mm	20mm	1/2"	2-3/8"
TK96132	20mm	20mm	1/4"	2"
TK96133	22mm	20mm	1/4"	2"
TK96134	22mm	20mm	1/2"	2-3/8"
TK96135	3/4"	3/4"	1/4"	2"
TK96136	3/4"	3/4"	1/2"	2-3/8"
TK96137	7/8"	3/4"	1/4"	2"
TK96138	7/8"	3/4"	1/2"	2-3/8"

Replacement Parts:

Knife: 591-1212 (12x12x1.5)
 Screw: 580.RH-M4067.7
 Key: 582-T15F



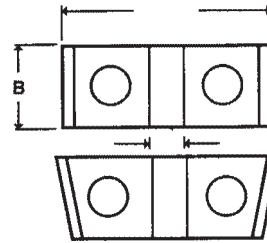
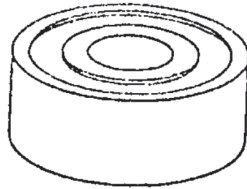
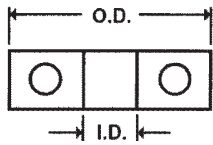
Bevel Trim Bits, with Plunge, 2 Flutes

Part Number	Cutting Dia	Cutting Length	Shank Dia	Overall Length	Spare Knives
TK96100	19mm (3/4")	12mm	1/4"	2"	591-1212
TK96101	19mm (3/4")	30mm	1/4"	2-3/4"	590-0300
TK96102	19mm (3/4")	30mm	1/2"	3"	590-0300

Replacement Parts:

Bearing: LR95006B
 Screw: 580.RH-M4067.7
 Key: 582-T15F

Accessories & Replacement Parts



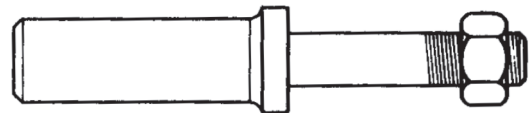
Ball Bearings

Part Number	Outside Dia	Inside Dia	Thickness
LR95001	1/4"	1/8"	7/64"
LR95002	3/8"	1/8"	5/32"
LR95000	3/8"	3/16"	1/8"
LR95004	1/2"	3/16"	5mm
LR95004A	1/2"	1/4"	3/16"
LR95004B	.488"	3/16"	5mm
LR95003	1/2"	1/8"	11/64"
LR95005E	14mm	8mm	4mm
LR95005C	14mm	7mm	5mm
LR95005	5/8"	1/4"	5mm
LR95005A	5/8"	3/16"	5mm
LR95005D	16mm	8mm	5mm
LR95005B	16mm	5mm	5mm
LR95006	3/4"	1/4"	9/32"
LR95006A	3/4"	3/16"	3/16"
LR95006C	3/4"	1/2"	5/32"
LR95006B	19mm	6mm	6mm
LR95008	7/8" (22mm)	5/16" (8mm)	7mm
LR95008D	7/8"	3/16"	6.6mm
LR95008F	22mm	7mm	7mm
LR95008A	26mm	10mm	8mm
LR95008E	1"	15mm	5.5mm
LR95009	1-1/8"	1/2"	5/16"
LR95009B	1-1/8"	3/16"	6.6mm
LR95010	28mm	5/16" (8mm)	9mm
LR95010A	1-7/32"	5/16" (8mm)	8.6mm
LR95017	1-1/4"	15mm	8.5mm
LR95017A	1-1/4"	8mm	5mm
LR95010C	1-5/16" (33.5mm)	5/16" (8mm)	8.6mm
LR95010B	1-3/8"	3/16"	6.6mm
LR95011	35mm	15mm	11mm
LR95008B	1-1/2"	15mm	8.5mm
LR95008C	2"	15mm	12.5mm

Ball Bearings Guide Assemblies

Ball Bearings with Teflon sleeves for routing solid surface materials such as Corian.

Part Number	Outside Dia	Inside Dia	Taper
LR95012	1/2"	3/16"	0
LR95013	3/4"	1/4"	0
LR95014	7/8"	1/4"	10 Degrees
LR95014A	7/8"	1/4"	5 Degrees
LR95018	21.4mm	1/4"	1/2" Radius
LR95019	19.4mm	1/4"	3/4" Radius
LR95020	18.5mm	1/4"	1" Radius
LR95021	25mm	1/4"	5 Degrees
LR95022	27mm	1/4"	0
LR95023	28mm	5/16" (8mm)	0
LR95009A	1-1/8"	15mm	0
LR95025	29mm	5/16" (8mm)	0
LR95026	34mm	5/16" (8mm)	0
LR95027	40.8mm	5/16" (8mm)	0
LR95016	43mm	5/16" (8mm)	0



Arbors (Includes Nut & 2 Spacers)

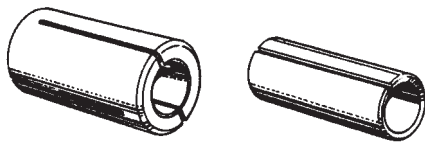
Part Number	Spindle Dia	Spindle Length	Shank Dia	Overall Length
LR95100	5/16"	7/8"	1/4"	2-3/8"
LR95102	5/16"	1-7/16"	3/8"	3"
LR95104	5/16"	1"	1/2"	2-3/8"
LR95103	5/16"	1-5/16"	1/4"	2-5/8"
LR95105	5/16"	1-3/8"	1/2"	3"
LR95105A	5/16"	2-1/8"	1/2"	3-3/4"
LR95105B	5/16"	1-1/2"	1/2"	3-1/8"
LR95105C	5/16"	2-5/8"	1/2"	4-1/4"
LR95105D	5/16"	1-3/4"	1/2"	3-5/16"
LR95110*			1/2"	2"

*for CNC Routers



Arbors (for Mortise Bits)

Part Number	Thread Size	Shank Dia	Overall Length
LR95106	1/4-28 Thread	1/4"	2"
LR95107	5/16-24 Thread	1/4"	2"
LR95108	1/4-28 Thread	1/2"	2"
LR95109	5/16-24 Thread	1/2"	2"



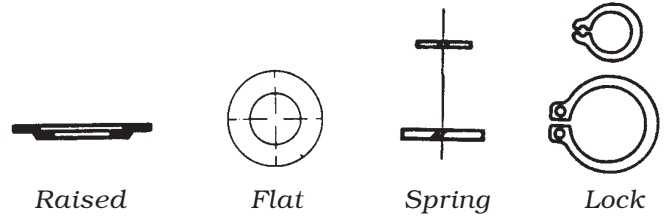
Shank Adapters

Part Number	Outside Dia	Inside Dia	Overall Length
Fibre Adapters			
ON3301	1/4"	1/8"	1"
ON3302	1/4"	3/16"	1"
ON3303	1/2"	1/4"	1"
ON3304	1/2"	5/16"	1-1/4"
ON3305	1/2"	3/8"	1-1/2"
Steel Adapters			
ON3400	3/8"	1/4"	1"
ON3405A	1/2"	3/8"	1"
ON3403	1/2"	1/4"	1-1/4"



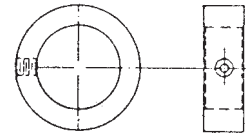
Spacers

Part Number	Outside Dia	Inside Dia	Thickness
LR95300	5/8"	5/16"	.05mm
LR95301	12mm	8mm	0.1mm
LR95302	5/8"	5/16"	0.1mm
LR95303	12mm	8mm	0.2mm
LR95304	5/8"	5/16"	0.5mm
LR95305	12mm	8mm	0.5mm
LR95306	5/8"	5/16"	1.0mm
LR95307	5/8"	5/16"	3.0mm
LR95308	16mm	5/16"	3.4mm
LR95310	1/2"	1/4"	5.0mm
LR95311	5/8"	5/16"	5.5mm
LR95309	5/8"	5/16"	6.0mm



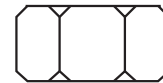
Washers

Part Number	Outside Dia	Inside Dia	Thickness
Raised			
LR95200	3/8"	1/8"	1.3mm
LR95202	1/2"	3/16"	1.3mm
LR95204	16mm	5mm	0.8mm
Flat			
LR95206	5/16"	3/16"	1.2mm
LR95207	12mm	8mm	1.0mm
LR95208	3/8"	1/4"	1.4mm
Spring			
LR95250	3/16"	7/64"	1/64"
LR95252	1/4"	1/8"	1/64"
LR95255	3/8"	3/16"	1.0mm
Lock			
LR95256		3/8"	0.8mm
LR95257		1/2"	1.0mm



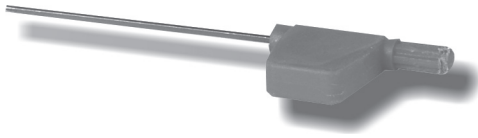
Lock Rings

Part Number	Outside Dia	Inside Dia
LR95275	11mm	1/4"
LR95276	16mm	3/8"
LR95277	21mm	1/2"
LR95278	18mm	1/2"



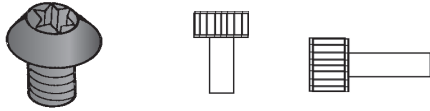
Nuts

Part Number	Size
LR95400	NF5/16



Allen Keys

Part Number	Size
582-KEY-M1.3	1.3mm
582-KEY-M1.5	1.5mm
582-KEY-M2.0	2.0mm
582-KEY-M2.5	2.5mm
582-KEY-M3.0	3.0mm
582-KEY-M4.0	4.0mm
582-KEY-M5.0	5.0mm
582-KEY-1/8"	1/8"
582-KEY-3/16"	3/16"
582-KEY-3/32"	3/32"

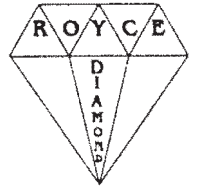


Screws

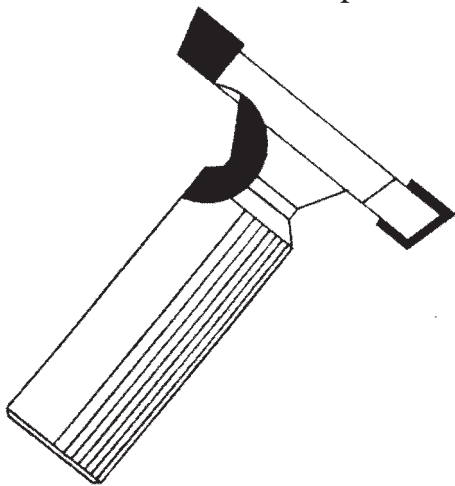
Part Number	Type	Size	Thread Length
580.HC-#01	2/56	.082"	1/4"
580.HC-#02	3/48	.099"	1/4"
580.HC-#03	3/48	.099"	3/8"
580.HC-#04	3/48	.099"	1/2"
580.HC-#05	5/40	.125"(1/8")	1/4"
580.HC-#06	5/40	.125"(1/8")	3/8"
580.HC-#07	5/40	.125"(1/8")	1/2"
580.HC-#08	10/32	.187"(3/16")	1/4"
580.HC-#09	10/32	.187"(3/16")	1/2"
580.HC-#10	6/40	.135"	1/4"

PCD

Polycrystalline Diamond



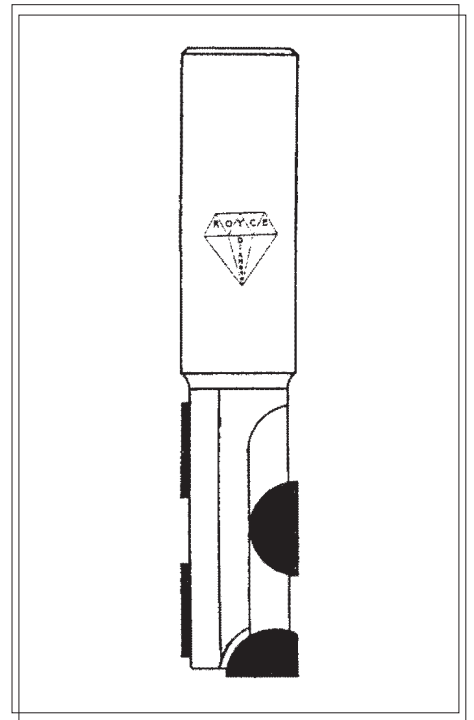
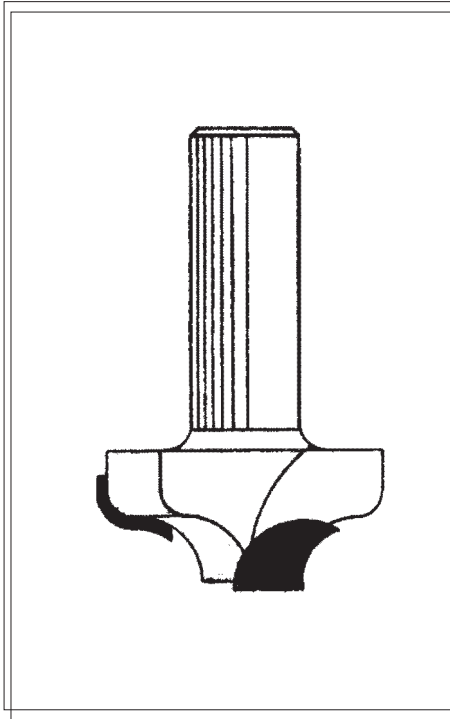
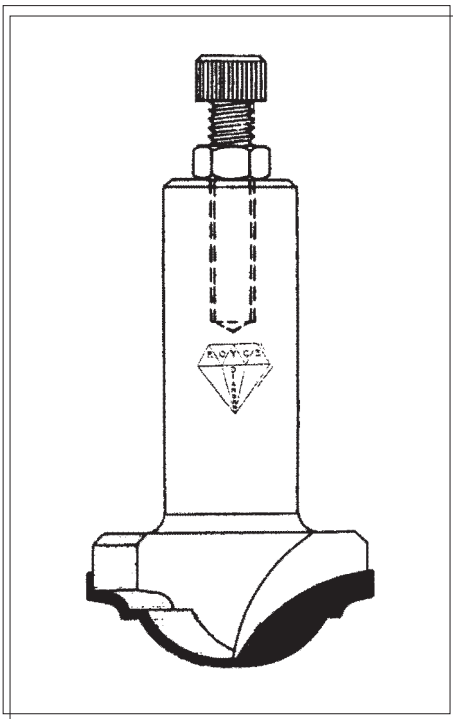
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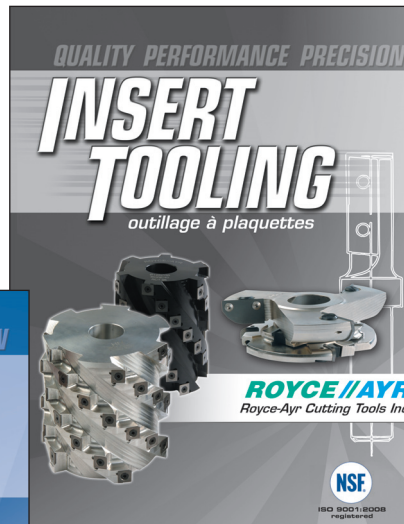
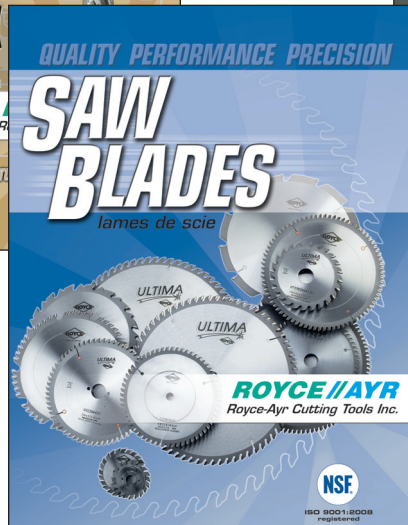
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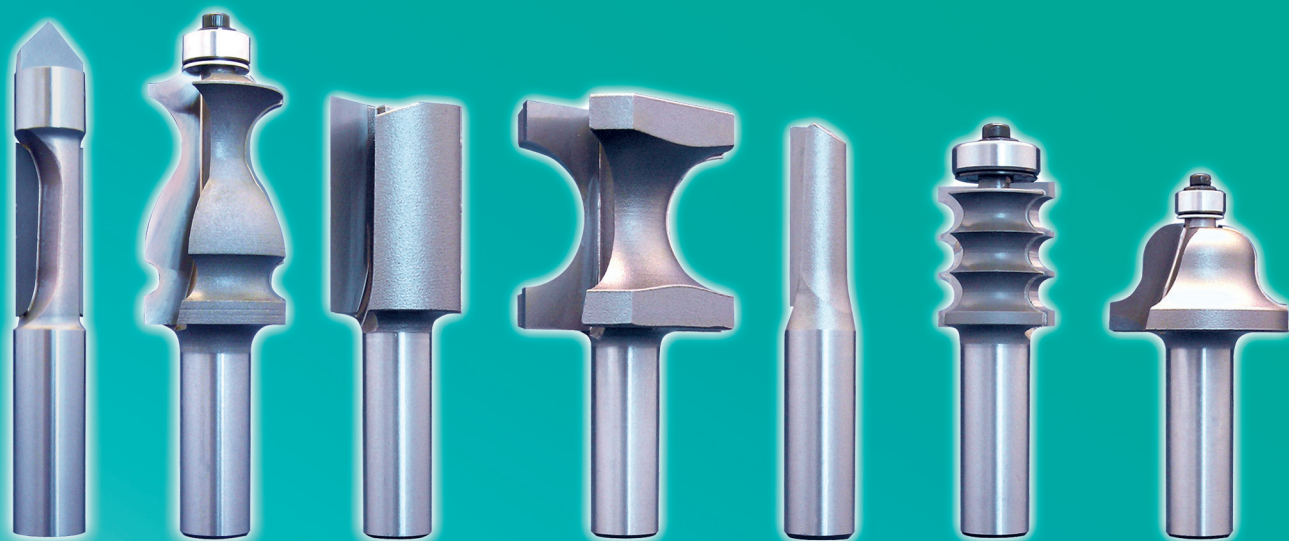
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