

KNIFE BLADES

Single edge round 6 mm blades for osscillating Knife tools

Our various oscillating tools come with different characteristics for optimized performance on a wide range of hard-to-cut materials. Stroke length ranges from 0.3 mm to 8 mm and frequency ranges from 4,800 to 12,000 strokes per minute.

The knife blades shown in this section are designed to match the tooling properties, enabling high speed and precision cutting across a wide range of materials.

These are long-lasting tungsten carbide blades for maximum performance.



How to read the blade name:

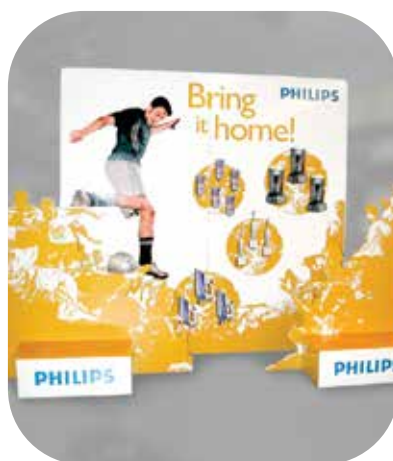
Blade		Single Edge	Round	Diameter
BLD	-	S	R	6
BLD-SR6310				

SR	Single Edge Round
DR	Double Edge Round
SF	Single Edge Flat
KC	KissCut
TZ	Trapezoid
DF	Double Flat
RC	RotaCut
A	Assymetic
C1	Coating 1
C2	Coating 2

Applications:



Re-board® signage



Corrugated displays


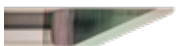





Foam signage


*XE max cutting thickness: 6 mm- 1/4"

C XP	XL XN X V	XE	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
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Blades optimized for cutting different grades of corrugated

			Recip./MP HF Knife tool	34053207	42437293	BLD-SR6223	Works well with most types of corrugated board	12 mm 1/2" XE*		TOP SELLER
			Long Stroke Knife tool	34073080						
			VibraCut/HF VibraCut Knife tool	34046425						
			Recip./MP HF Knife tool	34053207	42475772	BLD-SR6223 C2	Works well with most types of corrugated board. C2 coated for longer life	12 mm 1/2" XE*		NEW
			Long Stroke Knife tool	34073080						
			VibraCut/HF VibraCut Knife tool	34046425						
			Recip./MP HF Knife tool	34053207	42438135	BLD-SR6224	Preferable choice for corrugated board with high recycle content	12 mm 1/2" XE*		TOP SELLER
			Long Stroke Knife tool	34073080						
			VibraCut/HF VibraCut Knife tool	34046425						
			Recip./MP HF Knife tool	34053207	42475780	BLD-SR6224 C2	Preferable choice for corrugated board with high recycled content. C2 Coated for longer life	12 mm 1/2" XE*		NEW
			Long Stroke Knife tool	34073080						
			VibraCut/HF VibraCut Knife tool	34046425						
			Recip./MP HF Knife tool	34053207	42460964	BLD-SR6242	Excellent blade for cutting tough gasket materials, even mesh armed graphite. For oscillating cutting with the high frequency Knife tools	8 mm 5/16" XE*		
			Long Stroke Knife tool	34073080						
			VibraCut/HF VibraCut Knife tool	34046425						



Blades optimized for cutting different heavy duty paper-based and other sandwich materials

			Recip./MP HF Knife tool	34053207	42441626	BLD-SR6310	Provides good results on thick and rigid paper-based materials, such as triple wall corrugated and Re-board®, when used with the MP high frequency Knife tool	20 mm 3/4"		TOP SELLER
			Long Stroke Knife tool	34073080						
			VibraCut/HF VibraCut Knife tool	34046425						



Esko Kongsberg BITS Knives Knife Blades CATALOG

Shenzhen Oyea Machinery Co., Ltd





*XE max cutting thickness: 6 mm- 1/4"

C XP	XL XN X V	XE	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture	
			Recip./MP HF Knife tool	34053207	42475798	BLD-SR6310 C2	Provides good results on thick and rigid paper-based materials, such as triple wall corrugated and Re-board®, when used with the MP HF Knife tool. C2 coated for longer life	20 mm 3/4"		NEW
			Long Stroke Knife tool	34073080						
			VibraCut/HF VibraCut Knife tool	34046425						
			Recip./MP HF Knife tool	34053207	42441634	BLD-SR6307	Offers less over-cut than the SR6310 but is more slender and may deliver a less accurate cut on curves when cutting heavy board grades	20 mm 3/4"		
			Long Stroke Knife tool	34073080						
			VibraCut/HF VibraCut Knife tool	34046425						

Blades optimized for cutting foam board, other sandwich materials and rubber

			Recip./MP HF Knife tool	34053207	42441642	BLD-SR6303	Good blade for 15 and 20mm foam board in combination with the MP HF tool	20 mm 3/4"		
			Long Stroke Knife tool	34073080						
			VibraCut/HF VibraCut Knife tool	34046425						
			Recip./MP HF Knife tool	34053207	42447227	BLD-SR6375	Good blade for cutting die ejection rubber in combination with the Long Stroke Knife tool	20 mm 3/4"		
			Long Stroke Knife tool	34073080						
			VibraCut/HF VibraCut Knife tool	34046425						

Blade optimized for cutting soft sandwich materials

			Recip./MP HF Knife tool	34053207	42449504	BLD-SR6315	A more slender tungsten carbide blade producing less overcut. Good blade for cutting materials like soft foam board	14 mm 9/16" XE*		
			Long Stroke Knife tool	34073080						
			VibraCut/HF VibraCut Knife tool	34046425						
			Recip./MP HF Knife tool	34053207	42459743	BLD-SR6316	Similar to the SR6315 but even thinner blade optimized for finer details. Blade thickness 0.35 mm	14 mm 9/16" XE*		
			Long Stroke Knife tool	34073080						
			VibraCut/HF VibraCut Knife tool	34046425						
			Recip./MP HF Knife tool	34053207	42460410	BLD-SR6317	Similar to the SR6315-SR6316 but even thinner blade optimized for the finest details. Blade thickness 0.25 mm.	14 mm 9/16" XE*		
			Long Stroke Knife tool	34073080						
			VibraCut/HF VibraCut Knife tool	34046425						
			Recip./MP HF Knife tool	34053207	42475947	BLD-SR6320	Similar to the SR6315 but with 0 lag geometry	12,7 mm 1/2" XE*		NEW
			Long Stroke Knife tool	34073080						
			VibraCut/HF VibraCut Knife tool	34046425						

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<https://www.china-oyea.com/>

i-CUT PRODUCTION CONSOLE

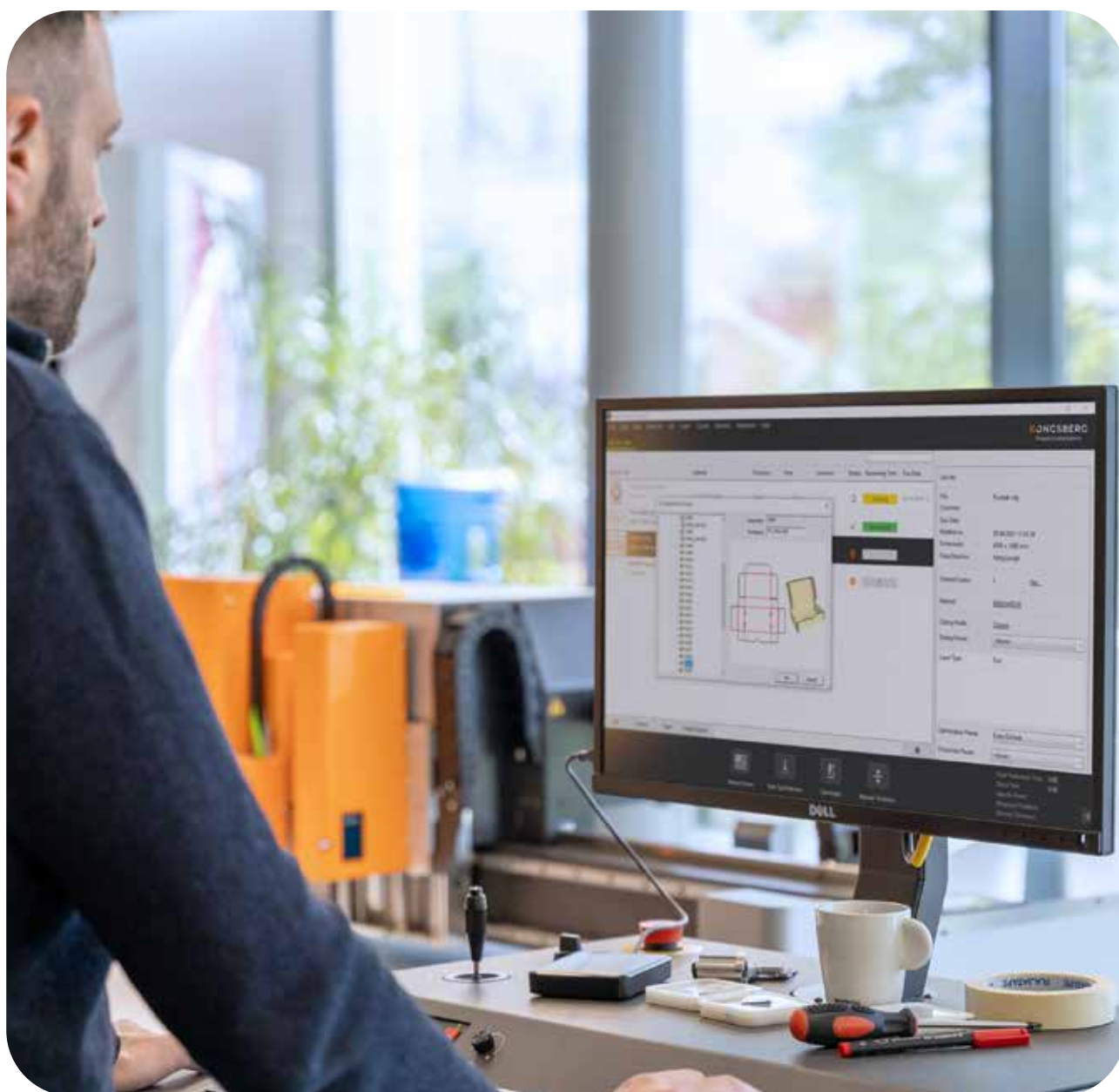
The next generation front-end

The intuitive, completely redesigned, user interface enables straightforward and efficient operation. The improved front-end allows operators to get the most out of the Kongsberg tables while optimizing day to day production.

Intuitive user interface

The new, intuitive user interface helps the operator with all aspects of the production. From preparing jobs to keeping an eye on the ongoing production: the i-cut Production Console prevents errors and speeds up your operation.

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<https://www.china-oyea.com/>

KNIFE BLADES

8 mm shaft blades

This blade design gives the tool excellent performance when cutting RMs such as display carton, rigid plastics, foamed PVC (Forex/Sintra), and several gasket materials. These are long-lasting tungsten carbide blades for maximum performance.



Our range of 8 mm round shaft blades are superior for cutting many different RMs and corrugated board with the RM (RM) Knife tools and CorruSpeed both for the Kongsberg XN/XL/V/X and the XP/C platforms.

- › The 8 mm round stock blades come in three different shapes.
- › The DR (double round) has a double edge and centered tip.
- › The DR-A blades have an asymmetric, double edge. The purpose is to reduce burrs on one side of the cut, i.e. line direction control is required.
- › The SR (single round) has a single edge.

How to read the blade name:

Blade		Double Edge	Round	Diameter	Assymetric
BLD	-	D	R	8	A
BLD-DR8280A					

Applications:



Hard plastic inlays












Corrugated plastic



Foam PVC

XP C	XL XN V X	XE	Tool	Adapter	Blade part number	Blade name	Description	Max cutting	Picture
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These blades have a centered tip and 0 lag

			HD/Dual HD Unit	34118489	42447235	BLD-DR8160	Good blade for cutting rigid materials such as different gasket materials, Forex and solid carton board. 0 lag blade	6 mm 1/4"		TOP SELLER
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34118489	42475806	BLD-DR8160 C2	Knife blade with 8 mm cylindrical shaft for use with the RM Knife tool. Good blade for cutting in rigid materials such as different gasket materials, forex and solid carton board. C2 Coated for longer life	6 mm 1/4"		NEW
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34118489	42447284	BLD-DR8180	Similar to DR8160. The blunter angle reduces the risk for breaking the blade in tough materials, but produces more overcut with thicker materials. 0 lag blade	5 mm 3/16"		
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34118489	42460394	BLD-SR8170	Long life tungsten carbide blade for thinner flexible materials such as folding carton, polyester film, leather, vinyl, paper. 30° cutting edge	6.5 mm 1/4"		TOP SELLER
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34118489	42475814	BLD-SR8170 C2	Long life tungsten carbide blade for thinner flexible materials such as folding carton, polyester film, leather, vinyl, paper. 30° cutting edge. C2 coated for longer life	6.5 mm 1/4"		NEW
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34118489	42460402	BLD-SR8172	Long life tungsten carbide blade for thinner flexible materials such as folding carton, polyester film, leather, vinyl, paper. 40° cutting edge	4.5 mm 3/16"		
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34118489	42475822	BLD-SR8172 C2	Long life tungsten carbide blade for thinner flexible materials such as folding carton, polyester film, leather, vinyl, paper. 40° cutting edge	4.5 mm 3/16"		NEW
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34118489	42470153	BLD-SR8174	Long life tungsten carbide blade for corrugated board, folding carton. 30° cutting edge. Modified tip for longer life, gives marginally more over cut	4.5 mm 3/16"		
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34118489	42475830	BLD-SR8174 C2	Long life tungsten carbide blade for corrugated board, folding carton. 30° cutting edge. Modified tip for longer life, gives marginally more over cut	4.5 mm 3/16"		NEW
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							

Esko Kongsberg BITS Knives Knife Blades CATALOG

XP C	XL XN V X	XE	Tool	Adapter	Blade part number	Blade name	Description	Max cutting	Picture
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These blades are asymmetrically ground with a centered tip and 0 lag

			HD/Dual HD Unit	34118489	42462002	BLD-DR8261A	Special tungsten carbide knife blade with an asymmetric edge, optimised for a nice cut ploughing all the burrs to one side. Requires that you can control the cutting direction. Good blade for cutting different plastic materials. Blade tip arrow grind: 0.4-1.5°	6.5 mm 1/4"	
			PowerHead						
			RM Knife	n/a					
			CorruSpeed						
			HD/Dual HD Unit	34118489	42461996	BLD-DR8260A	Special tungsten carbide knife blade with an asymmetric edge, optimised for a nice cut ploughing all the burrs to one side. Requires that you can control the cutting direction. Good blade for cutting different plastic materials. Blade tip arrow grind: 0.5-1.0°	6.5 mm 1/4"	
			PowerHead						
			RM Knife	n/a					
			CorruSpeed						
			HD/Dual HD Unit	34118489	42452227	BLD-DR8280A	Special tungsten carbide knife blade with an asymmetric edge, optimized for a nice cut pushing all the burrs to one side. Requires that you can control the cutting direction. Good blade for cutting different plastic materials. 0 lag blade	5 mm 3/16"	
			PowerHead						
			RM Knife	n/a					
			CorruSpeed						
			HD/Dual HD Unit	34118489	42452235	BLD-DR8210A	Special tungsten carbide knife blade with an asymmetric edge, optimised for a nice cut pushing all the burrs to one side. Requires that you can control the cutting direction. Good blade for cutting different plastic materials. 0 lag blade	4 mm 5/32"	
			PowerHead						
			RM Knife	n/a					
			CorruSpeed						
			HD/Dual HD Unit	34118489	42460956	BLD-SR8171A	tungsten carbide blade for thinner flexible or rigid materials such as solid carton, vinyl, plastics. 30° cutting angle. Asymmetric knife blade that ploughs all burrs and waste to one side	6.5 mm 1/4"	
			PowerHead						
			RM Knife	n/a					
			CorruSpeed						
			HD/Dual HD Unit	34118489	42460949	BLD-SR8173A	tungsten carbide blade for thinner flexible or rigid materials such as solid carton, vinyl, plastics. 40° cutting angle. Asymmetric knife blade that ploughs all burrs and waste to one side	4 mm 5/32"	
			PowerHead						
			RM Knife	n/a					
			CorruSpeed						

These blades work with 4 mm lag

			HD/Dual HD Unit	34118489	42450494	BLD-SR8124	Good blade for cutting different plastic corrugated materials. Nominal lag value is 4 mm	10 mm 3/8"	
			PowerHead						
			RM Knife	n/a					
			CorruSpeed						
			HD/Dual HD Unit	34118489	42475863	BLD-SR8124 C2	Good blade for cutting different plastic corrugated materials. Nominal lag value is 4 mm. C2 coated for longer life	10 mm 3/8"	
			PowerHead						
			RM Knife	n/a					
			CorruSpeed						
			HD/Dual HD Unit	34118489	42455899	BLD-SR8140	Good blade for cutting different foam core materials. Nominal lag value is 4 mm	7 mm 9/32"	
			PowerHead						
			RM Knife	n/a					
			CorruSpeed						

NEW

XP C	XL XN V X	XE	Tool	Adapter	Blade part number	Blade name	Description	Max cutting	Picture	
			HD/Dual HD Unit	34118489	34094458	BLD-SR8160	Good blade for cutting rigid substrates such as different gasket materials, Forex and solid carton board. Nominal lag value is 4 mm	13mm 1/2"		
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34118489	34094466	BLD-SR8180	Similar to SR8160. The blunter angle reduces the risk for breaking the blade in tough materials, but gives more overcut with thicker materials. Nominal lag value is 4 mm	8mm 5/16"		
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34118489	34118331	BLD-SR8180 C2	Similar to SR8160. The blunter angle reduces the risk for breaking the blade in tough materials, but gives more overcut with thicker materials. Nominal lag value is 4 mm. C2 coated for longer life	8mm 5/16"		NEW
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34118489	34104398	BLD-SR8184	The blunter angle reduces the risk for breaking the blade in tough materils, but gives more overcut with thicker materials. Nominal lag value is 4 mm.	4.5 mm 3/16"		
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34118489	34118323	BLD-SR8184 C2	For cutting thin paper and folding carton. Works well on very "fragile" and "porous" materials such as beer coaster with a lot of recclcd content. Long life tungsen carbide. Nominal lag value is 4 mm. C2 coated for longer life	4.5 mm 3/16"		NEW
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							

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KNIFE BLADES

Single edge flat blades for general purpose

How to read the blade name:

Blade		Single Edge	Flat
BLD	-	S	F
BLD-SF238			



Applications:



Thin carton tabletop display



Gaskets



Flexo plates


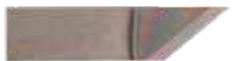






Solid board box


Esko Kongsberg BITS Knives Knife Blades CATALOG

XP C	XL XN V X	XE	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
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Blades optimized for cutting different grades of thinner materials like folding carton, paper and vinyl

			MP HF Knife tool	34050401	42441212	BLD-SF216	Single-edge blade for soft flexible materials. Used to through-cut paper, vinyl, etc.	2-3 mm		TOP SELLER
			Static Knife Single Edge	34044172						
			Vibracut/HF VibraCut	34050880						
			Hi-Force Knife tool	34057380						
			Static Knife tool	34048785						
			MP HF Knife tool	34050401	42475749	BLD-SF216 C2	Single-edge blade for soft flexible materials. Used to through-cut paper, vinyl, etc. C2 coated for longer life	2-3 mm		NEW
			Static Knife Single Edge	34044172						
			Vibracut/HF VibraCut	34050880						
			Hi-Force Knife tool	34057380						
			Static Knife tool	34048785						
			MP HF Knife tool	34050401	42441220	BLD-SF217	Single-edge blade for soft flexible materials. Used to through-cut paper, vinyl, etc. The more pointed edge reduces overcuts	2-3 mm		
			Static Knife Single Edge	34044172						
			Vibracut/HF VibraCut	34050880						
			Hi-Force Knife tool	34057380						
			Static Knife tool	34048785						
			Reciprocating Knife tool	34001925	42423012	BLD-SF238	For folding carton and other high-precision applications with long life requirement. tungsten carbide steel with precision ground and polished edge, which handles softer, abrasive materials very well			
			Static Knife FC	34002709						
			Reciprocating Knife tool	34001925	42423020	BLD-SF224	For folding carton and other high-precision applications with long life requirement. tungsten carbide steel with precision ground and polished edge. The top part of the tip is grounded off, to prevent snapping			
			Static knife FC	34002709						
			Static Knife Single Edge	34044172	42458364	BLD-SF230	Mat cutting, frame cutting, passpartout and more. This is a single edge design	2 mm 5/64"		
			Vibracut/HF VibraCut	34050880						
			Static Knife tool VariCut knife	34048785						


Esko Kongsberg BITS Knives Knife Blades CATALOG

XP C	XL XN V X	XE	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
			Static Knife Single Edge	34044172	42458372	BLD-SF231	Mat cutting, frame cutting, passpartout w/small radius and more. This is a single edge design with a flat tip	2 mm 5/64"	
			Vibracut/HF VibraCut	34050880					
			Static Knife tool VariCut knife	34048785					

Blades optimized for cutting different grades of thinner materials like folding carton, paper and vinyl

			Static Knife Single Edge	34044172	42458380	BLD-SF233	Mat cutting, frame cutting, passpartout w/small radius and more. this is a asymmetric single edge design with a flat tip	5 mm .19"	
			Vibracut/HF VibraCut	34050880					
			Static Knife tool VariCut knife	34048785					

Blades optimized for cutting high recycled corrugated board and perform also well in foam board



			Reciprocating Knife tool	34001925	42475962	BLD-SF126	For corrugated board up to and including triple wall. Precision ground edge. Made of tungsten carbide, for high performance and long life	16 mm 5/8"	
			Static Knife tool Triple Wall	34012575					

Blades for cutting rubber and similar materials



			MP HF Knife tool	34044107	42421974	BLD-SF420	tungsten carbide, precision ground edge. For high performance and long life on rubber materials	10 mm 3/8"	
			Vibracut/HF VibraCut	34047241					
			Hi-Force Knife tool	34046557					
			MP HF Knife tool	34044107	42458257	BLD-SF421	For corrugated stock, foam board and more. For oscillating knife with a 10°/25° cut angle, a single edge design	10 mm 3/8"	
			Vibracut/HF VibraCut	34047241					
			Hi-Force Knife tool	34046557					
			MP HF Knife tool	34044107	42458265	BLD-SF422	For corrugated stock, foam board and more. This is an oscillating knife with a 10°/25° cut angle, a single edge design	10 mm 3/8"	
			Vibracut/HF VibraCut	34047241					
			Hi-Force Knife tool	34046557					
			MP HF Knife tool	34050401	42458273	BLD-SF425	For card stock, rubber and more. This is an oscillating knife with a 10°/25° cut angle, a single edge design, flat tip.	6 mm 1/4"	
			MP HF Knife tool	34050401	42458281	BLD-SF426	For card stock, rubber and more. This is an oscillating knife with a 10°/25° cut angle, a single edge design, flat tip	6 mm 1/4"	
			MP HF Knife tool	34044107	42458299	BLD-SF427	For cutting textiles, fabrics and fibrous tissues. This is an oscillating knife with a 10°/25° cut angle, a single edge design, flat tip	10 mm 3/8"	
			Vibracut/HF VibraCut	34047241					
			Hi-Force Knife tool	34046557					

XP C	XL XN V X	XE	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
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Blades for cutting rubber and similar materials

			MP HF Knife tool	34044107	42458307	BLD-SF428	For corrugated stock, foam board. This is an oscillating knife with a 4°/45° cut angle, a single edge design, flat tip	23 mm .90"	
			MP HF Knife tool	34044107	42458315	BLD-SF429	For soft materials, foam board and more. This is an oscillating knife with a 3.5°/45° cut angle, a single edge design	29 mm 1.10"	



Blades for cutting in 45° angle with the Bevel Knife tool

			Bevel Knife tool/ Bevel Knife U20	34060384	42443978	BLD-SF212	A special tungsten carbide knife blade design that has been developed for optimal performance in flexo plate materials	7 mm 9/32"	
			HD Bevel Knife						
			Bevel Knife tool/ Bevel knife U20	34060384	42455287	BLD-SF245	A special tungsten carbide knife blade for cutting V-notch folding lines in solid board carton	6 mm 1/4"	
			HD Bevel Knife						



Blades for static cutting of gaskets and other highly abrasive materials

			Static Knife Gasket	34031021	42423855	BLD-SF310	Specially designed blades for gasket cutting, but may be useful for other applications such as corrugated sample making	10 mm 3/8"	
			Static Knife Gasket	34031021	42423871	BLD-SF320	Specially designed TC blades for gasket cutting, but may be useful for other applications such as corrugated sample making	10 mm 3/8"	
			Static Knife Gasket	34031021	42423863	BLD-SF311	The blade is well suited for cutting highly abrasive materials that are not very hard	7 mm 9/32"	
			Static Knife Gasket	34031021	42423889	BLD-SF321	The blade is well suited for cutting highly abrasive materials that are not very hard	7 mm 9/32"	

Blades optimized for cutting gasket materials with the MP HF Knife tool

			MP HF Knife tool	34073056	42447961	BLD-SF312	For Gasket, Highly abrasive materials, not really hard TC. CPM10V Extreme Wear tool Steel (EWTS) is 25x tougher than X-Acto and more flexibel than TC. Angle 30°	7 mm 9/32"	
			HF VibraCut	34089995					
			MP HF Knife tool	34073056	42447979	BLD-SF313	For Gasket, Highly abrasive materials, not really hard TC. CPM10V Extreme Wear tool Steel (EWTS) is 25x tougher than X-Acto and more flexibel than TC. Angle 45°	7 mm 9/32"	
			HF VibraCut	34089995					

Blades for cutting foam core board materials

			Static Knife Double Edge	34044206	42458398	BLD-SF246	Foam core board blade for double-edge insert	10 mm 3/8"	
			Static Knife Double Edge	34044206	42458406	BLD-SF346	Soft and rigid foam blade for double-edge insert with 45° edge	10 mm 3/8"	

KNIFE BLADES

Single & double edge round blades 6 mm for static cutting

SR6xxx/DR6 (single/double edge round 6 mm) blades for static cutting with the Hi-Force Knife tool, Static Knife tool and Psaligraphy Knife tool. These are long lasting tungsten carbide blades for maximum performance.



The 6 mm round stock blades come in three different shapes, all with a centered tip.





- › The SR (single round) has a single edge.
- › The DR (double round) has a double edge and centered tip.
- › The DR-A blades have an asymmetric double edge. The purpose is to reduce burrs on one side of the cut (i.e.: line direction control is required).

How to read the blade name:




Blade		Single Edge	Flat	Diameter
BLD	-	S	R	6
BLD-SR6150				

XP C	XL XN V X	XE	Tool	Adapter	Blade part number	Blade name	Description	Max cutting	Picture
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Blades optimized for cutting different thinner flexible materials

			Hi-Force Knife tool	34068759	42445494	BLD-SR6150	Long life tungsten carbide blade for thinner flexible materials such as folding carton, polyester film, leather, vinyl, paper. 30° cutting angle	5 mm 3/16"		TOP-SELLER
			VariCut Knife tool	34061135						
			Static Knife tool							
			Psaligraphy Knife tool	N/A						
			Hi-Force Knife tool	34068759	42475764	BLD-SR6150 C2	Longlife tungsten carbide blade for thinner flexible materials such as folding carton, polyester film, leather, vinyl, paper. 30° cutting angle. C2 coated for longer life	5 mm 3/16"		NEW
			VariCut Knife tool	34061135						
			Static Knife tool							
			Psaligraphy Knife tool	N/A						
			Hi-Force Knife tool	34068759	42445502	BLD-SR6152	Long life tungsten carbide blade for thinner flexible materials such as folding carton, polyester film, leather, vinyl, paper. 40° cutting angle	5 mm 3/16"		
			VariCut Knife tool	34061135						
			Static Knife tool							
			Psaligraphy Knife tool	N/A						
			Hi-Force Knife tool	34068759	42461251	BLD-SR6151	Long life tungsten carbide blade for thinner flexible materials such as folding carton, polyester film, leather, vinyl, paper. 22° cutting angle	5 mm 3/16"		
			VariCut Knife tool	34061135						
			Static Knife tool							
			Psaligraphy Knife tool	N/A						

Blades optimized for cutting different thinner flexible or rigid materials

			Hi-Force Knife tool	34068759	42445510	BLD-DR6160	tungsten carbide blade for thinner flexible or rigid materials such as solid carton, vinyl, plastics. 2x30° cutting angle. Spear-headed shape	5 mm 3/16"		
			VariCut Knife tool	34061135						
			Static Knife tool							
			Psaligraphy Knife tool	N/A						
			Hi-Force Knife tool	34068759	42475756	BLD-DR6160 C2	tungsten carbide blade for thinner flexible or rigid materials such as solid carton, vinyl, plastics. 2x30° cutting angle. Spear-head shape. C2 coated for longer life	5 mm 3/16"		NEW
			VariCut Knife tool	34061135						
			Static Knife tool							
			Psaligraphy Knife tool	N/A						
			Hi-Force Knife tool	34068759	42445528	BLD-DR6161	tungsten carbide blade for thinner flexible or rigid materials such as solid carton, vinyl, plastics. 2x40° cutting angle. Spear-headed shape	3 mm 1/8"		
			VariCut Knife tool	34061135						
			Static Knife tool							
			Psaligraphy Knife tool	N/A						

Asymmetric knife blade that pushes all burrs and waste to one side for thinner flexible or rigid materials

			Hi-Force Knife tool	34068759	42449058	BLD-DR6169A	tungsten carbide blade for thinner flexible or RMs such as solid carton, vinyl, plastics. 2x40° cutting angle. Spear-headed shape. Asymmetric knife blade that pushes all burrs and waste to one side	3 mm 1/8"		
			VariCut Knife tool	34061135						
			Static Knife tool							
			Psaligraphy Knife tool	N/A						
			Hi-Force Knife tool	34068759	42458828	BLD-SR6159A	tungsten carbide blade for thinner flexible or RMs such as solid carton, vinyl, plastics. 40° cutting angle. Asymmetric knife blade that ploughs all burrs and waste to one side	3 mm 1/8"		
			VariCut Knife tool	34061135						
			Static Knife tool							
			Psaligraphy Knife tool	N/A						

KNIFE BLADES

KissCut blades

KC1xx (KissCut) blades for cutting various thin materials like adhesive foils, paper etc. The blades are kept in the tool body with a friction lock.



How to read the blade name:

Blade		KissCut
BLD	-	KC
BLD-KC101		

Applications:



Adhesive vinyl decals



Reflective vinyl roll

XP C	XL XN V X	XE	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
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Blades optimized for KissCutting various thinner flexible materials

			PressCut tool	N/A	42438499	BLD-KC101	General purpose kiss-cutting blade for standard thickness adhesive foils. Its properties allow secure separation of foil and adhesive, to facilitate weeding	1 mm 1/25"		TOP SELLER
			KissCut Knife tool							
			PressCut tool	N/A	42438507	BLD-KC102	Sharper-edged blade for thicker, tougher adhesive foils, such as reflex foil	1 mm 1/25"		
			KissCut Knife tool							
			PressCut tool	N/A	42476499	BLD-KC102A	Sharper-edged blade for thicker, tougher adhesive foils, such as reflex foil. Asymmetric knife blade that ploughs all burrs and waste to one side	1 mm 1/25"		NEW
			KissCut Knife tool							
			PressCut tool	N/A	42458323	BLD-KC103	For masking film. This is a vinyl knife with a 40°/35° cut angle, a double edge design	1 mm 1/25"		
			KissCut Knife tool							
			PressCut tool	N/A	42447532	BLD-KC104	A sharper general purpose kiss-cutting blade for fine details in adhesive foils, its properties allow secure separation of foil and adhesive, to facilitate weeding	1 mm 1/25"		
			KissCut Knife tool							
			PressCut tool	N/A	42458331	BLD-KC105	For rubber, cardboard, diamond grade and more. This is a vinyl knife, with a 20°/55° cut angle, a single edge design and adhesive, to facilitate weeding	1 mm 1/25"		
			KissCut Knife tool							
			PressCut tool	N/A	42458349	BLD-KC154	Thicker vinyl, diamond grade, carton, polyester fabric and more. This is a vinyl knife with a 30°/30° cut angle, a single edge, long design and adhesive, to facilitate weeding	1 mm 1/25"		
			KissCut Knife tool							



KNIFE BLADES

Special purpose heavy-duty flat blades

Special purpose heavy-duty flat blades, TZ1xx, TZ5xx, (Trapezoid), DF5, (double flat), SF29x (single flat).




How to read the blade name:



Blade		Trapezoid
BLD	-	TZ
BLD-TZ129		

XP C	XL XN X	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
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tungsten carbide blades optimized for long-life V-notch cutting tough paper-based materials like Re-board®, triple wall corrugated, etc.

		PowerHead	V-Notch tool holder	42448589	BLD-TZ511	Very good blade for V-notch cutting through materials such as Re-board®, X-board and triple wall corrugated. Cuts materials up to about 17 mm. Made from a special tungsten carbide alloy, to extend cutting cycles. Thickness 0.6 mm - .024"	17 mm 43/64"	
		HD/Dual HD Unit						
		PowerHead	V-Notch tool holder/ HD Knife tool 17	42448597	BLD-TZ512	Very good blade for V-notch and straight cutting with the HD-Knife tool through materials such as Re-board®, X-board and triple wall corrugated. Cuts materials up to about 17 mm. Made from a special tungsten carbide alloy, to extend life. Thickness 0.9 mm - .035"	17 mm 43/64"	
		HD/Dual HD Unit						




Standard blades for cutting tough paper-based materials like Re-board®, triple wall corrugated, etc.



		PowerHead	V-Notch tool holder	42435636	BLD-TZ129	Super-trapezoid, deep-edged blade, used with the V-notch knife and the HD-Knife tool. This blade is thicker and stiffer than standard trapezoid blades and will give a more accurate cut. Thickness 0.9 mm - .035"	17 mm 43/64"	
		HD/Dual HD Unit						
		PowerHead	V-Notch tool holder/ HD Knife tool 17	42424374	BLD-TZ192	Super-trapezoid, deep-edged blade, used with the V-notch knife and the HD-Knife tool. This blade is thinner than the TZ129 blade and will give very good result in fluted core board. Thickness 0.6 mm - .024"	17 mm 43/64"	
		HD/Dual HD Unit						

tungsten carbide blades optimized for long-life high-speed straight cutting tough paper-based materials like Re-board®, triple wall corrugated, etc.


		PowerHead	HD Knife tool 30	34061218	BLD-TZ230	Special trapezoid blade for the HD30 Knife tool, designed for Re-board® and similar material in thickness up to and including 30 mm - 1.18". tungsten carbide steel material with precision ground edge.	30 mm 13/16"	
		HD/Dual HD Unit						

tungsten carbide blades optimized for long-life V-notch cutting tough paper-based materials like Re-board®, triple wall corrugated, etc., for use in the VI45 tool insert




		VI45-16 and VI30-16 V-Notch tool insert	N/A	42455279	BLD-DF570	Specially made arrow-shaped blade for the VIxx-16 V-notch insert tools. Works well in materials such as fluted core boards and triple wall corrugated. Made from a special tungsten carbide alloy, to extend life. Thickness 0.9 mm - .035"	16 mm 5/8"	
		VI45-16 and VI30-16 V-Notch tool insert	N/A	42460766	BLD-DF571	Specially made arrow shaped, blade for the VIxx-16 V-notch insert tools. Works well in materials such as fluted core boards and triple wall corrugated. Made from a special tungsten carbide alloy, to extend life. Thickness 0.6 mm - .023"	16 mm 5/8"	
		VI45-16 and VI30-16 V-Notch tool insert	N/A	34102988	BLD-DF572	Specially made double angle arrow shaped, blade for the VIxx-16 V-notch insert tools. Have superb performance in materials like Kappa and other foamed core board. Works well in materials such as fluted core boards and triple wall corrugated. Made from a special tungsten carbide alloy, to extend life. Thickness 0.6 mm - .023"	16 mm 5/8"	

XP C	XL XN X	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
		VI45-10 V-Notch tool insert	N/A	34111716	BLD-DF561	Specially made arrow shaped, blade for the VI45-10 V-notch insert tool. Works well in materials such as fluted core boards and triple wall corrugated. Made from a special tungsten carbide alloy, to extend life. Thickness 0.6 mm - .023"	12 mm 3/8"	
		VI45-10 V-Notch tool insert	N/A	34111708	BLD-DF562	Specially made double angle arrow shaped, blade for the VI45-10 V-notch insert tool. Have superb performance in materials like Kappa and other foamed core board. Works also well in materials such as fluted core boards and triple wall corrugated. Made from a special Tungsten Carbide alloy, to extend life. Thickness 0.6 mm - .023"	12 mm 3/8"	

Tungsten carbide blades optimized for long-life high speed straight cutting tough paper-based materials like Re-board®, triple wall corrugated, etc.

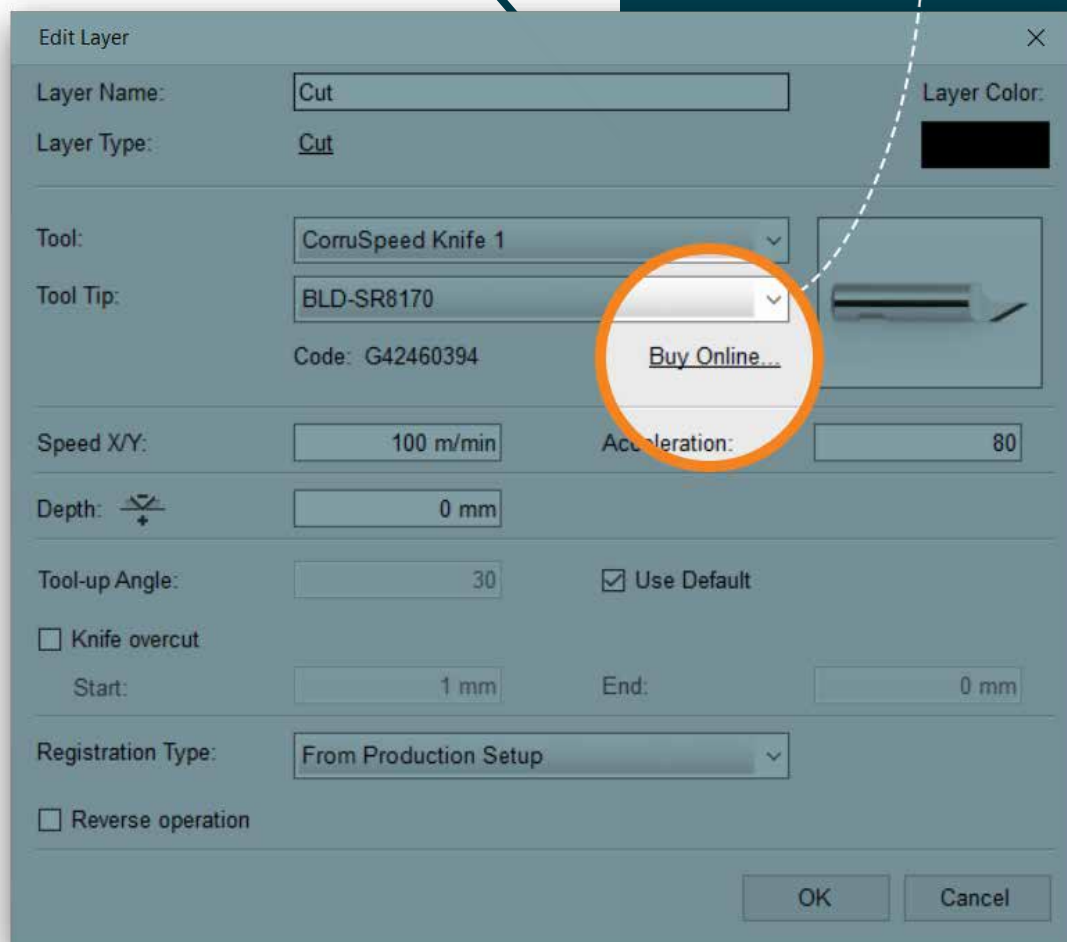
		RB90 tool insert	N/A	34094581	BLD-SF290	Specially made blade for the RB90-16 insert tool. Works well in materials such as fluted core boards and triple wall corrugated. Made from a special tungsten carbide alloy, to extend life. Thickness 0.9 mm - .035"	16 mm 5/8"	
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Specially designed tungsten carbide knife blades for use in the VariAngle tool

		VariAngle Unit	Short Blade Adapter 34127399	34127142	BLD-SF620	Maximal cutting thickness is 16 mm for straight cut (0°). Can cut in a 45° angle in materials up to 13 mm thick materials and in a 60° angle for materials up to 6 mm thick Thickness: 0.6 mm	16 mm 5/8"		NEW
		VariAngle Unit	Standard Adapter 34127381	34127159	BLD-SF640	Maximal cutting thickness is 30 mm for straight cut (0°). Can cut in a 45° angle in materials up to 20 mm thick materials and in a 60° angle for materials up to 16 mm thick Thickness: 0.6 mm	30 mm 1 3/16"		
		VariAngle Unit	Standard Adapter 34127381	34127167	BLD-SF641	Maximal cutting thickness is 30 mm for straight cut (0°). Can cut in a 45° angle in materials up to 20 mm thick materials and in a 60° angle for materials up to 16 mm thick Thickness: 0.9 mm	30 mm 1 3/16"		



TOOLS & BLADES DIRECTLY FROM ON CONSOLE



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KNIFE BLADES

Double edge flat & RotaCut blades

Double edge flat blades with a centered tip for cutting hard, thinner materials.
RC blade for cutting textile materials with the RotaCut tools.

These are long lasting tungsten carbide blades for maximum performance.



How to read the blade name:

Blade		RotaCut	Coating
BLD	-	RC	C2
BLD-RC110C2			

Applications:



Paper invitations





Textile banner





Motorized Roll Feeder

XP C	XL XN V X	XE	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
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Double edge blades with a centered tip. Have ground edge on both ends

			Static Knife Double	34044206	42441196	BLD-DF212	General-purpose, double-sided, 80° sword knife blade for flexible materials. Used for through-cutting paper, cardboard, vinyl, thin plastics, styrene, etc.	5 mm 3/16"	
			HD insert for PowerHead/HD unit	34089904					
			Static Knife Double	34044206	42441204	BLD-DF213	General-purpose, double-sided, 60° sword knife blade for flexible materials. Used for through-cutting paper, cardboard, vinyl, thin plastics, styrene, etc.	5 mm 3/16"	
			HD insert for PowerHead/HD unit	34089904					

Half-length double edge blades with a centered tip

			Hi-Force Knife tool	34057356	42444299	BLD-DF112	General-purpose, double-sided, 80° sword knife blade for flexible materials. Used for through-cutting paper, cardboard, vinyl, thin plastics, styrene, etc.	5 mm 3/16"	
			Static Knife tool	34053686					
			VariCut tool						
			Hi-Force Knife tool	34057356	42443036	BLD-DF113	General-purpose, double-sided, 60° sword knife blade for flexible materials. Used for through-cutting paper, cardboard, vinyl, thin plastics, styrene, etc.	5 mm 3/16"	
			Static Knife tool	34053686					
			VariCut tool						

Ten-facetted rotating knife blade for cutting textiles

			RotaCut tool for XL/XN/X	N/A blade fits directly in tool	42444844	BLD-RC110	RC10 Decagonal knife blade with a 25 mm diameter. For use on textile materials with the RotaCut tool	1.5 mm 1/16"		
			RotaCut tool for XE/XP/C							
			RotaCut tool for XL/XN/X	N/A blade fits directly in tool	42475129	BLD-RC110 C2	RC10 Decagonal knife blades with a 25 mm diameter. For use on textile materials with the RotaCut tool. C2 coated for longer life	1.5 mm 1/16"		NEW
			RotaCut tool for XE/XP/C							

KNIFE BLADES

Single edge round 6 mm foam blades

These are long lasting tungsten carbide blades for maximum performance. Foam cutting performance determined by matching knife blade design and tool properties such as oscillation frequency and stroke length. With XN and XL tables, the foam tooling requires high (95 mm) traverse clearance.






The pointed blades often provide the best detail accuracy. With the pointed blades it is possible to increase cutting speed by using the 5.5 mm felt cutting underlay.

How to read the blade name:




Blade		Single Edge	Round	Diameter
BLD	-	S	R	6
BLD-SR6313				

XP C	XL XN X	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
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Blades for cutting different grades of foam materials up to maximum 30 mm - 1 1/4" thickness

		Foam Knife	34053231	42443101	BLD-SR6311	Blade for max. 30 mm material thickness. 2.5° cutting angle enables very fine details with little over-cut in foam qualities with good cutting properties. Pointed tip for use with felt underlays	32 mm 1 1/4"	
		FoamHead	34057125					
		Foam Unit						
		Foam Knife	34053231	42443093	BLD-SR6312	Blade for max. 30 mm material thickness. 6° cutting angle enables fine details in a variety of foam materials. Pointed tip for use with felt underlays	32 mm 1 1/4"	
		FoamHead	34057125					
		Foam Unit						
		Foam Knife	34053231	42443085	BLD-SR6313	Blade for max. 30 mm material thickness. 8° cutting angle enables fine details in a wider range of foam qualities, as well as 30 mm Re-board®. Flattened tip helps increase cutting speed and protect PVC cutting underlays	32 mm 1 1/4"	
		FoamHead	34057125					
		Foam Unit						

Blades for cutting different grades of foam materials up to maximum 55 mm - 2 1/8" thickness

		FoamHead	34057745	42444877	BLD-SR6521	Blade for max. 55 mm material thickness. 2.5° cutting angle enables very fine details with little over-cut in foam qualities with good cutting properties. Pointed tip for use with felt underlays	55 mm 2 1/8"	
		Foam Unit						
		FoamHead	34057745	42444885	BLD-SR6522	Blade for max. 55 mm material thickness. 3.7° cutting angle enables fine cutting details. Pointed tip for use with felt underlays	55 mm 2 1/8"	
		Foam Unit						
		FoamHead	34057745	42444893	BLD-SR6523	Blade for max. 55 mm material thickness. 3.7° cutting angle enables fine cutting details. Flattened tip to increase cutting speed and protect PVC cutting underlays	55 mm 2 1/8"	
		Foam Unit						

Blades for cutting different grades of foam materials up to maximum 80 mm - 3 1/8" thickness

		FoamHead	34032490	42444919	BLD-SR6831	2.5° cutting angle enables very fine cutting details, minimal overcut and largely eliminates conical holes. Pointed tip for use with felt underlays	80 mm 3 1/8"	
		FoamHead	34032490	42444927	BLD-SR6832	1.5° cutting angle enables very fine cutting details, minimal overcut and largely eliminates conical holes. Flattened tip to increase cutting speed and protect PVC cutting underlays	80 mm 3 1/8"	

KNIFE BLADES

Single edge round 6 mm serrated blades

SR6xxx (single edge round 6 mm) serrated blades for cutting different qualities and thicknesses of honeycomb and papercore board materials. Also good for some dense foam materials.



Our oscillating foam cutting tools are optimized to work with these knife blades with regards to stroke amplitude and frequency. For the X, XN and XL series, these tools require high (95 mm) traverse clearance. When working with these tools and blades, you can often achieve better productivity with the 5.5 mm felt cutting underlay.

These are long lasting tungsten carbide blades for maximum performance.

Foam cutting performance determined by matching knife blade design and tool properties such as oscillation frequency and stroke length. With X, XN and XL series, the foam tooling requires high (95 mm) traverse clearance.

The pointed blades often provide the best detail accuracy. With the pointed blades it is possible to increase cutting speed by using the 5.5 mm felt cutting underlay.

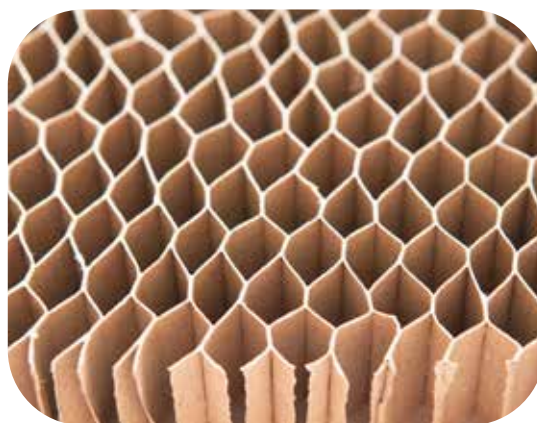
How to read the blade name:

Blade		Single Edge	Round	Diameter
BLD	-	S	R	6
BLD-SR6351				

Applications:







Thick Re-board®






Paper based honeycomb

XP C	XL XN	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
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Blades for cutting different grades of tough paper materials up to maximum 30 mm - 1 1/4" thickness

		Foam Knife	34053231	42456921	BLD-SR6351	The serrated edge cuts with less friction between blade and material than a smooth edge. Thus, the blade stays cooler. Thickness 1 mm - 1/25", pointed edge for use with felt underlay	32 mm 1 1/4"	
		FoamHead	34057125					
		Foam Unit						
		Foam Knife	34053231	42456939	BLD-SR6352	The serrated edge cuts with less friction between blade and material than a smooth edge. Thus, the blade stays cooler. Thickness 1 mm - 1/25", flattened tip to increase cutting speed and protect PVC cutting underlays	32 mm 1 1/4"	
		FoamHead	34057125					
		Foam Unit						
		Foam Knife	34053231	42456947	BLD-SR6353	The serrated cuts with gives less friction between blade and material than a smooth edge. Thus, the blade stays cooler. Thickness 1.5 mm - .006", pointed edge for use with felt underlay	32 mm 1 1/4"	
		FoamHead	34057125					
		Foam Unit						
		Foam Knife	34053231	42456954	BLD-SR6354	The serrated edge cuts with less friction between blade and material than a smooth edge. Thus, the blade stays cooler. Thickness 1.5 mm - .006", flattened tip to increase cutting speed and protect PVC cutting underlays	32 mm 1 1/4"	
		FoamHead	34057125					
		Foam Unit						

Blades for cutting different grades of paper sandwich materials up to maximum 55 mm - 2 1/8" thickness

		FoamHead	34057745	42456962	BLD-SR6551	The serrated edge cuts with less friction between blade and material than a smooth edge. Thus, the blade stays cooler. Thickness 1 mm - 1/25", pointed edge for use with felt underlays	55 mm 2 1/8"	
		Foam Unit						
		FoamHead	34057745	42456970	BLD-SR6552	The serrated edge cuts with less friction between blade and material than a smooth edge. Thus, the blade stays cooler. Thickness 1.5 mm - .006", pointed tip for use with felt underlays	55 mm 2 1/8"	
		Foam Unit						
		FoamHead	34057745	42456988	BLD-SR6553	The serrated edge cuts with less friction between blade and material than a smooth edge. Thus, the blade stays cooler. Thickness 1 mm - 1/25", flattened tip to increase cutting speed and protect PVC cutting underlays	55 mm 2 1/8"	
		Foam Unit						

Blades for cutting different grades of paper sandwich materials up to maximum 80 mm - 3 1/8" thickness

		FoamHead	34057745	42475715	BLD-SR6853	The serrate edge cuts with less friction between blade and material than a smooth edge. Thus, the blades stays cooler. Thickness 1 mm-1/25", pointed tip for use with felt underlays	80 mm 3 1/8"	
		Foam Unit						

KNIFE BLADES

Single edge flat foam blades

SFxxx (single edge flat) blades for cutting foam material of different grades and thicknesses.



These blades are made of HSS steel, which means it is less expensive and also offers less tendency to snag compared to tungsten carbide.



Our oscillating foam cutting tools are optimized to work with these knife blades with regards to stroke amplitude and frequency. For the X, XN and XL series, these tools require high (95 mm) traverse clearance. When working with these tools and blades, you can often achieve better productivity with the 5.5 mm felt cutting underlay.

How to read the blade name:



Blade		Single Edge	Flat	Diameter
BLD	-	S	F	6
BLD-SF506				

XP C	XL XN X	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
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Blades for cutting different grades of foam materials up to maximum 40 mm - 1 1/4" thickness

		Foam Knife	34010330	42423251	BLD-SF501	Excellent general purpose foam knife - very sharp and durable	40 mm 1 9/16"	
		FoamHead	34014845					
		Foam Unit						
		Foam Knife	34010330	42423269	BLD-SF502	This blade has the same advantages as SF501. The greater sloping edge allows for a slightly faster feed rate and improves cutting ability in softer materials. However, it will have a negative influence on quality effect with narrow curves	40 mm 1 9/16"	
		FoamHead	34014845					
		Foam Unit						

Blades for cutting different grades of foam materials up to maximum 60 mm - 2 3/8" thickness

		FoamHead	34014803	42423293	BLD-SF505	Excellent general-purpose knife - very sharp and durable	60 mm 2 3/8"	
		Foam Unit						
		FoamHead	34014803	42423301	BLD-SF506	This blade has the same advantages as SF505. The greater sloping edge allows for a slightly faster feed rate but will have a negative quality effect with narrow curves	60 mm 2 3/8"	
		Foam Unit						

Blades for cutting different grades of foam materials up to maximum 86 mm - 3 3/8" thickness

		FoamHead	34002659	34012716	BLD-SF509	Specialty blade for the FoamHead. Excellent general-purpose foam knife - very sharp and durable. Cuts up to 86 mm - 3 3/8" thick material	86 mm 3 3/8"	
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KNIFE BLADES

Single edge flat serrated blades

SFxxx (single edge flat) serrated blades for cutting different qualities and thicknesses of honeycomb and papercore board materials. Also good for some dense foam materials. Our oscillating foam cutting tools are optimized to work with these knife blades with regards to stroke amplitude and frequency. For the X, XN and XL series, these tools require the high (95 mm) traverse clearance. When working with these tools and blades, you can often achieve better productivity with the 5.5 mm felt cutting underlay.




These blades are made of HSS steel, which means a lower price and less tendency to snag compared to tungsten carbide.

How to read the blade name:



Blade		Single Edge	Flat
BLD	-	S	F
BLD-SF507			

XC	XL XN X	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
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Blades for cutting different grades tough paper materials up to maximum 40 mm - 1 9/16" thickness

		Foam Knife	34010330	42423277	BLD-SF503	Designed for cutting paper honeycomb material. Suitable also for some dense foam materials, which are vulnerable to melting. The serrated edge cuts with less friction between blade and material than a smooth edge. Thus, the blade stays cooler	40 mm 1 9/16"	
		FoamHead	34014845					
		Foam Unit						

Blades for cutting different grades of paper sandwich materials up to maximum 60 mm - 2 3/8" thickness

		FoamHead	34014803	42423319	BLD-SF507	Designed for cutting paper honeycomb material. Suitable also for some dense foam materials that are vulnerable to melting. The serrated edge cuts with less friction between blade and material than a smooth edge. Thus, the blade stays cooler	60 mm 2 3/8"	
		Foam Unit						
		FoamHead	34014803	42423327	BLD-SF508	This blade has the same advantages as SF507. The greater sloping edge allows for a slightly faster feed rate and may improve cutting ability in softer materials but will have a slightly negative quality effect with narrow curves	60 mm 2 3/8"	
		Foam Unit						

Blades for cutting different grades of tough paper materials up to maximum 86 mm - 3 3/8" thickness

		FoamHead	34002659	34019497	BLD-SF511	Honeycomb and foam knife with serrated edge. Very sharp and durable. Cuts up to 86 mm - 3 3/8" thick material	86 mm 3 3/8"	
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KNIFE BLADES

Single edge flat standard blades

SFxx (single edge flat) standard blades for cutting in different materials.



How to read the blade name:

Blade		Single Edge	Flat
BLD	-	S	F
BLD-SF177			

Applications:



Paper beer coasters



Folding carton boxes









Menu



Wobbler

XP C	XL XN V X	XE	tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
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Standard low-cost blades for sample making with different materials

			Static knife TW	34012575	42411041	BLD-SF102	Knife for triple wall sample making.		
			Static knife FC	34012534	42420083	BLD-SF172	The furthest part of the tip is ground off to avoid snapping. Preferred by customers for folding cartons, Equivalent to SF186, but slightly shorter.		
			Reciprocating Knife tool	34014282	42417444	BLD-SF186	Used for corrugated sample making. NOT suitable for production runs since tip is very brittle and blade is subject to flexing		
			Static knife FC	34012534					
			Vibracut/HF VibraCut	34060525					
			Static knife FC	34012534	42436063	BLD-SF110	Good choice for folding carton. More durable than the ASR and cuts with less plow effect in the cut edges. Also suitable for varnish blankets with the MicroCut tool		
			Microcut tool	N/A					
			Static knife FC	34012534	42429795	BLD-SF177	Used by many customers for FC sample making. Produces a nice cut in thin carton. Tip will last long, due to edge angle. Can also be used for chipboard. Good choice for cutting varnish blankets		
			Microcut tool	N/A					
			Static Knife tool single edge	34044172	42458356	BLD-SF210	HSS Flat knife, 40° cut angle, single edge design		

MILLING BITS

When handling and storing milling bits, always treat them with great care. The bits are manufactured from tungsten carbide, and the sharp edges are very easily chipped and degraded if they get in touch with any hard surface.

To achieve maximum milling precision, always try to adjust the depth of cut as close as possible to the thickness of the material when selecting a milling bit for a certain job.

When cutting material is significantly thicker than the cutting diameter, the best approach is to set the milling lines as multi-pass operations; executing each shape multiple times, 'digging' gradually deeper into the material. As a general rule, the depth of each pass should not exceed 1-1.5 times the length of the cutting diameter. There will, however, be materials where either a smaller or larger depth step is appropriate.

For milling jobs, it is recommended to program feed rates in absolute values (i.e., m/min or ips; not as a percentage of maximum speed).

Most applications are best finished using Up Cut Bits due to better chip removal performance. If you encounter print chipping or lamination separation/damage, use a Down Cut Bit to achieve the best top finish. A down-cut bit can also be beneficial in cases where there is a problem holding down the material.

Below you can see an example of a bit identifying code and how it describes the characteristics of the specific milling bit.

Bit		Acrylic	Up Cut	Single Flute	Shank Diameter		Tip Diameter	Flute Length		Total Length
BIT	-	A	U	S	06	-	2.0	06	-	50
BIT-AUS06-2006-50										



D Shank diameter (in mm)
d Tip diameter (in mm)
M Max milling cutting thickness (in mm)

BIT-MDS	Multi Purpose, Down Cut, Single Flute
BIT-AUS	Acrylic, Up Cut, Single Flute
BIT-SUS	Soft Metals, Soft metal, Up cut, Single Flute
BIT-WUD	Wood, Up cut, Double Flute
BIT-EBV	Engraving, Bit, V Shape
BIT-RBO	Radius, Bit, Outer
BIT-BRAILLE	Braille
BIT-MCS	Multi Purpose, Compression, Single Flute
BIT-MSD	Multi Purpose, Straight Cut, Double Flute
BIT-ACS	Acrylic, Clear, Single Flute

Table explanation:

MC: MultiCUT 1kW
MC HP: MultiCUT High Power 3kW
HSMU: High Speed Milling Unit 1kW
HPMU: High Power Milling Unit 3kW

Kavo & Ibag: the brand of the milling spindle

MILLING BITS

6 mm multi purpose milling bits (up cut)

Our 6 mm multi purpose milling bits come in a large range of tip diameters and spiral lengths. See chart for more details on milling diameter, milling thickness and recommended RPM.



How to read the bit name:

Bit		Multi Purpose	Up Cut	Single Flute	Shank Diameter		Tip Diameter	Flute Length		Total Length
BIT	-	M	U	S	06	-	3.5	12	-	50
BIT-MUS06-3512-50										

Applications:












ACM




















MDF

3kw	1kw	Up Cut Bit	Up Cut Coated Bit	Up Cut Double Flute bit
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C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Chuck / Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC Ibag	42444067	42437913	BIT-MUS06-2006-50	Multi purpose, up-cut, single flute bit	5 mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42443531	BIT-MUS06-2506-50	Multi purpose, up-cut, single flute bit	5 mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42443549	BIT-MUS06-3006-50	Multi purpose, up-cut, single flute bit	5 mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42437905	BIT-MUS06-3011-50	Multi purpose, up-cut, single flute bit	10 mm 3/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42443556	BIT-MUS06-3512-50	Multi purpose, up-cut, single flute bit	10 mm 3/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42459537	BIT-MUS06-3014-50	Multi purpose, up-cut, single flute bit	13 mm 1/2"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42443564	BIT-MUS06-4006-50	Multi purpose, up-cut, single flute bit	5 mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42437863	BIT-MUS06-4012-50	Multi purpose, up-cut, single flute bit	10mm 3/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42443572	BIT-MUS06-4022-50	Multi purpose, up-cut, single flute bit	20 mm 13/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						

TOP SELLER

C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Chuck / Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture	
	HSMU	MC Ibag	MC Ibag	42444067	42451062	BIT-MUS06-5012-50	Multi purpose, up-cut, single flute bit	10 mm 3/8"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42443598	BIT-MUS06-5022-58	Multi purpose, up-cut, single flute bit	20 mm 4/5"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42458802	BIT-MUS06-5020-52	Multi purpose, up-cut, single flute bit	19 mm 3/4"	Max 50'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42451070	BIT-MUS06-6012-50	Multi purpose, up-cut, single flute bit	10 mm 3/8"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42442715	BIT-MUS06-6022-58	Multi purpose, up-cut, single flute bit	20 mm 4/5"	Max 40'		TOP SELLER
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42438077	BIT-MUS06-6032-64	Multi purpose, up-cut, single flute bit	30 mm 1 3/16"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42451096	BIT-MUS06-2006-50C1	Multi purpose, up-cut, single flute, coated. Special variety of multi purpose milling bit, coated for better performance with different materials like aluminum and ACM	5 mm 3/16"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42471706	BIT-MUS06-2006-50C2	Multi purpose, up-cut, single flute, Special variety of multi purpose milling bit, premium coating for better performance and life in different materials like aluminum and ACM. Helix 30°	5 mm 3/16"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42451104	BIT-MUS06-3006-50C1	Multi purpose, up-cut, single flute, coated. Special variety of multi purpose milling bit, coated for better performance with different materials like aluminum and ACM	5 mm 3/16"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							

C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Chuck / Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture	
	HSMU	MC Ibag	MC Ibag	42444067	42471714	BIT-MUS06-3006-50C2	Multi purpose, up-cut, single flute. Special variety of multi purpose milling bit, premium coating for better performance and life in different materials like aluminum and ACM. Helix 30°	5 mm 3/16"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42451112	BIT-MUS06-4006-50C1	Multi purpose, up-cut, single flute, coated. Special variety of multi purpose milling bit, coated for better performance with different materials like aluminum and ACM	5 mm 3/16"	Max 60'		TOP SELLER
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42471722	BIT-MUS06-4006-50C2	Multi purpose, up-cut, single flute. Special variety of multi purpose milling bit, premium coating for better performance and life in different materials like aluminum and ACM. Helix 30°	5 mm 3/16"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42460824	BIT-MUS06-4012-50C1	Multi purpose, up-cut, single flute, coated. Special variety of multi purpose milling bit, coated for better performance with different materials like aluminum and ACM	10 mm 3/8"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42471730	BIT-MUS06-4012-50C2	Multi purpose, up-cut, single flute. Special variety of multi purpose milling bit, premium coating for better performance and life in different materials like aluminum and ACM. Helix 30°	10 mm 3/8"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42471748	BIT-MUS06-6012-50C2	Multi purpose, up-cut, single flute. Special variety of multi purpose milling bit, premium coating for better performance and life in different materials like aluminum and ACM. Helix 30°	10 mm 3/8"	Max 40'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728					Max 60'		
	HSMU	MC Ibag	MC Ibag	42444067	42455857	BIT-MUD06-4016-64	Multi purpose, up-cut, double flute bit	14 mm 9/16"	Max 40'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728					Max 60'		
	HSMU	MC Ibag	MC Ibag	42444067	42455865	BIT-MUD06-6025-64	Multi purpose, up-cut, double flute bit	23 mm 7/8"	Max 40'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728					Max 60'		

MILLING BITS

6 mm multi purpose milling bits (down cut)

Our 6 mm multi purpose milling bits come in a large range of tip diameters and spiral lengths. See chart for more details on milling diameter, milling thickness and recommended RPM.



How to read the bit name:

Bit		Multi Purpose	Down Cut	Single Flute	Shank Diameter		Tip Diameter	Flute Length		Total Length
BIT	-	M	D	S	06	-	4.0	12	-	50
BIT-MDS06-4012-50										










Applications:



Application display



MultiCUT HP

C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Chuck / Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC lbag	MC lbag	02721314	42449355	BIT-MDS06-2004-50	Multi purpose, down-cut, single flute bit	3 mm 1/8"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC lbag	MC lbag	02721314	42449363	BIT-MDS06-3006-50	Multi purpose, down-cut, single flute bit	5 mm 3/16"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC lbag	MC lbag	02721314	42447342	BIT-MDS06-3011-50	Multi purpose, down-cut, single flute bit	10 mm 3/8"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC lbag	MC lbag	02721314	42449371	BIT-MDS06-4008-50	Multi purpose, down-cut, single flute bit	7 mm 9/32"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC lbag	MC lbag	02721314	42458810	BIT-MDS06-2008-64	Multi purpose, down-cut, single flute bit	7 mm 9/32"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC lbag	MC lbag	02721314	42449389	BIT-MDS06-4012-50	Multi purpose, down-cut, single flute bit	10 mm 3/8"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC lbag	MC lbag	02721314	42447359	BIT-MDS06-5022-60	Multi purpose, down-cut, single flute bit	20 mm 13/16"	Max 40'	
		MC Kavo		42444067					Max 60'	
HPMU	HPMU	MC HP		42454728					Max 60'	
	HSMU	MC lbag	MC lbag	02721314	42458414	BIT-MDS06-6020-64	Sintra, Styrene, Acrylic, Polycarbonate, Dibond®, with top print/laminate	19 mm 3/4"	Max 50'	
		MC Kavo		42444067					Max 60'	
HPMU	HPMU	MC HP		42454728					Max 60'	
	HSMU			02721314	42458422	BIT-MDS06-6030-64	Routing – for soft/hard plastic Sintra, Styrene, Acrylic, Dibond®, i.e. w/ top print/laminated	28 mm 1 1/16"	Max 50'	
HPMU	HPMU			42454728					Max 60'	

MILLING BITS

6 mm & 8 mm super sharp milling bits

Our 6 mm and 8 mm super sharp milling bits come in a large range of tip diameters and spiral lengths. See chart for more details on milling diameter, milling thickness and recommended RPM. The Super Sharp bits are ground/polished for an optimized routing surface.



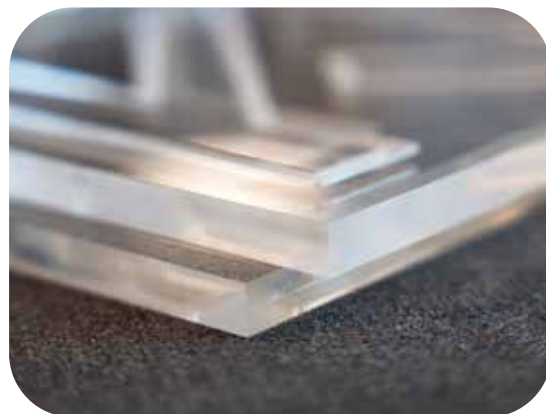
How to read the bit name:

Bit		Acrylic	Up Cut	Single Flute	Shank Diameter		Tip Diameter	Flute Length		Total Length
BIT	-	A	U	S	06	-	4.0	12	-	50
BIT-AUS06-4012-50										

Applications:











Acrylic



















Acrylic



Acrylic

C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Chuck / Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture	
	HSMU	MC Ibag	MC Ibag	42444067	42437897	BIT-AUS06-2006-50	Acrylic (super sharp), up-cut, single flute bit	5 mm 3/16"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42445916	BIT-AUS06-3006-50	Acrylic (super sharp), up-cut, single flute bit	5 mm 3/16"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42437889	BIT-AUS06-3011-50	Acrylic (super sharp), up-cut, single flute bit	10 mm 3/8"	Max 60'		TOP SELLER
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42458992	BIT-AUS06-3014-50	Acrylic (super sharp), up-cut, single flute bit	13 mm 1/2"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42449439	BIT-AUS06-3022-60	Acrylic (super sharp), up-cut, single flute bit	20 mm 4/5"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42445924	BIT-AUS06-4008-50	Acrylic (super sharp), up-cut, single flute bit	7 mm 9/32"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42437848	BIT-AUS06-4012-50	Acrylic (super sharp), up-cut, single flute bit	10 mm 3/8"	Max 60'		TOP SELLER
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42442665	BIT-AUS06-4022-50	Acrylic (super sharp), up-cut, single flute bit	20 mm 4/5"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							

C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Chuck / Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture	
	HSMU	MC Ibag	MC Ibag	42444067	42451047	BIT-AUS06-5012-50	For acrylic (super sharp), up-cut, single flute bit	11 mm 3/8"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42443762	BIT-AUS06-5022-58	For acrylic (super sharp), up-cut, single flute bit	20 mm 4/5"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42451054	BIT-AUS06-6012-50	For acrylic (super sharp), up-cut, single flute bit	11 mm 3/8"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42442707	BIT-AUS06-6022-58	For acrylic (super sharp), up-cut, single flute bit	20 mm 4/5"	Max 40'		TOP SELLER
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42438069	BIT-AUS06-6032-64	For acrylic (super sharp), up-cut, single flute bit	30 mm 1 1/8"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
HPMU	HPMU			42454736	42454561	BIT-AUS08-8042-76	For acrylic (super sharp), up-cut, single flute bit	40 mm 1 1/2"	Max 30'		
HPMU	HPMU			42454736	42454579	BIT-AUS08-8055-90	For acrylic (super sharp), up-cut, single flute bit	50 mm 2"	Max 30'		
	HSMU	MC Ibag	MC Ibag	42444067	42477760	BIT-ACS06-4012-50	For acrylic clear single flute bit. Ground for a nice clear effect on acrylic materials	10 mm 3/8"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42477778	BIT-ACS06-6012-50	For acrylic clear single flute bit. Ground for a nice clear effect on acrylic materials	11 mm 3/8"	Max 40'		NEW
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42477786	BIT-ACS06-6022-58	For acrylic clear single flute bit. Ground for a nice clear effect on acrylic materials	20 mm 4/5"	Max 40'		NEW
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							

C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC Ibag	42444067	42449488	BIT-ADS06-2006-50	For acrylic (super sharp), down-cut, single flute bit	5 mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42445932	BIT-ADS06-3006-50	For acrylic (super sharp), down-cut, single flute bit	5 mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42443358	BIT-ADS06-3011-50	For acrylic (super sharp), down-cut, single flute bit	10 mm 3/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42445940	BIT-ADS06-4008-50	For acrylic (super sharp), down-cut, single flute bit	7 mm 9/32"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42445957	BIT-ADS06-4012-50	For acrylic (super sharp), down-cut, single flute bit	11 mm 3/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42442756	BIT-ADS06-5022-60	For acrylic (super sharp), down-cut, single flute bit	20 mm 4/5"	Max 40'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728					Max 60'	

MILLING BITS

6 mm soft metal single flute bits

6 mm multi purpose bits are ideal for milling soft metals such as aluminum. See chart for more details on milling diameter, milling thickness and recommended RPM.



How to read the bit name:

Bit		Soft Metals	Up Cut	Single Flute	Shank Diameter		Tip Diameter	Flute Length		Total Length
BIT	-	S	U	S	06	-	4.0	20	-	64
BIT-SUS06-4020-64										

Applications:



Printed ACM












ACM sign






Aluminum sign letters

3kw	1kw	Up Cut Bit	Down Cut Bit	Up Cut Coated Bit
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C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture	
	HSMU	MC Ibag	MC Ibag	02721314	42458463	BIT-SUS06-3012-64	For aluminum, hard laminate with top print/ laminate or blank	10 mm 3/8"	Max 60'		
		MC Kavo		42444067							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	02721314	42458471	BIT-SUS06-4020-64	For aluminum, hard laminate with top print/ laminate or blank	19 mm 3/4"	Max 60'		
		MC Kavo		42444067							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	02721314	42458489	BIT-SUS06-5016-64	For aluminum, hard laminate with top print/ laminate or blank	15 mm 5/8"	Max 60'		
		MC Kavo		42444067							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42451096	BIT-MUS06-2006-50C1	Multi purpose, up-cut, single flute, coated. Special variety of multi purpose milling bit, coated for better performance with different materials like aluminum and ACM	5 mm 3/16"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42471706	BIT-MUS06-2006-50C2	Multi purpose, up-cut, single flute, Special variety of multi purpose milling bit, premium coating for better performance and life in different materials like aluminum and ACM. Helix 30°	5 mm 3/16"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42451104	BIT-MUS06-3006-50C1	Multi purpose, up-cut, single flute, coated. Special variety of multi purpose milling bit, coated for better performance with different materials like aluminum and ACM	5 mm 3/16"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42471714	BIT-MUS06-3006-50C2	Multi purpose, up-cut, single flute, Special variety of multi purpose milling bit, premium coating for better performance and life in different materials like aluminum and ACM. Helix 30°	5 mm 3/16"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42451112	BIT-MUS06-4006-50C1	Multi purpose, up-cut, single flute, coated. Special variety of multi purpose milling bit, coated for better performance with different materials like aluminum and ACM	5 mm 3/16"	Max 60'		TOP SELLER
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							

C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture	
	HSMU	MC Ibag	MC Ibag	42444067	42471722	BIT-MUS06-4006-50C2	Multi purpose, up-cut, single flute. Special variety of multi purpose milling bit, premium coating for better performance and life in different materials like aluminum and ACM. Helix 30°	5 mm 3/16"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42460824	BIT-MUS06-4012-50C1	Multi purpose, up-cut, single flute, coated. Special variety of multi purpose milling bit, coated for better performance with different materials like aluminum and ACM	10 mm 3/8"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42471730	BIT-MUS06-4012-50C2	Multi purpose, up-cut, single flute. Special variety of multi purpose milling bit, premium coating for better performance and life in different materials like aluminum and ACM. Helix 30°	10 mm 3/8"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC Ibag	42444067	42471748	BIT-MUS06-6012-50C2	Multi purpose, up-cut, single flute. Special variety of multi purpose milling bit, premium coating for better performance and life in different materials like aluminum and ACM. Helix 30°	10 mm 3/8"	Max 40'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728					Max 60'		



C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC lbag	MC lbag	02721314	42458430	BIT-SDS06-3012-64	For aluminum, hard laminate with top print/ laminate	10 mm 3/8"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC lbag	MC lbag	02721314	42458448	BIT-SDS06-4020-64	For aluminum, hard laminate with top print/ laminate	19 mm 3/4"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC lbag	MC lbag	02721314	42458455	BIT-SDS06-5016-64	For aluminum, hard laminate with top print/ laminate	15 mm 5/8"	Max 50'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728					Max 60'	



MILLING BITS

6 mm wood double flute bits

6 mm multi purpose bits are ideal for milling soft metals such as aluminum. See chart for more details on milling diameter, milling thickness and recommended RPM.



How to read the bit name:

Bit		Wood	Up Cut	Double Flute	Shank Diameter		Tip Diameter	Flute Length		Total Length
BIT	-	W	U	D	06	-	4.0	16	-	64
BIT-WUD06-4016-64										

Applications:



MDF







Wood composite



Wood



Printed wood sign

C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC Ibag	02721314	42458497	BIT-WUD06-4016-64	For soft & hard composite wood with top print laminate	15 mm 5/8"	Max 50'	
		MC Kavo		42444067					Max 60'	
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	02721314	42458752	BIT-WUD06-6025-64	For soft & hard composite wood with top print laminate	23 mm 7/8"	Max 50'	
		MC Kavo		42444067					Max 60'	
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	02721314	42458760	BIT-WDD06-4016-64	For soft & hard composite wood with top print laminate	15 mm 5/8"	Max 50'	
		MC Kavo		42444067					Max 60'	
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	02721314	42458778	BIT-WDD06-6025-64	For soft & hard composite wood with top print laminate	23 mm 7/8"	Max 50'	
		MC Kavo		42444067					Max 60'	
HPMU	HPMU	MC HP		42454728						



MILLING BITS

3 mm multi purpose milling bits

3 mm multi purpose bits are ideal for milling many small details and inside radiuses in thinner materials. They can all be runned at full 60,000 RPM on all platforms.



How to read the bit name:

Bit		Multi Purpose	Up Cut	Single Flute	Shank Diameter		Tip Diameter	Flute Length		Total Length
BIT	-	M	U	S	03	-	2.0	06	-	38
BIT-MUS03-2006-38										

Applications:













Printed PVC with fine detail



Fine detailed aluminum sign

3kw	1kw	Up Cut Bit	Down Cut Bit
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C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC Ibag	42444083	42443390	BIT-MUS03-1004-38	Multi purpose, up-cut, single flute bit	3 mm 1/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42443408	BIT-MUS03-1506-38	Multi purpose, up-cut, single flute bit	5 mm 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42443416	BIT-MUS03-2006-38	Multi purpose, up-cut, single flute bit	5 mm 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42443424	BIT-MUS03-2506-38	Multi purpose, up-cut, single flute bit	5 mm 6/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42443432	BIT-MUS03-3006-38	Multi purpose, up-cut, single flute bit	5 mm 6/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42443440	BIT-MUS03-3011-38	Multi purpose, up-cut, single flute bit	10 mm 3/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42449306	BIT-MDS03-1002-38	Multi purpose, down-cut, single flute bit	1.5 mm 1/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42449314	BIT-MDS03-1503-38	Multi purpose, down-cut, single flute bit	2.5 mm 3/32"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42449330	BIT-MDS03-3006-38	Multi purpose, down-cut, single flute bit	5 mm 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42449348	BIT-MDS03-3011-38	Multi purpose, down-cut, single flute bit	10 mm 3/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						

MILLING BITS

3 mm super sharp milling bits

3 mm super sharp milling bits are ideal for milling many small details and inside radiuses in thinner materials. They can all be runned at full 60,000 RPM on all platforms. The Super Sharp bits are ground/polished for an optimized routing surface.



How to read the bit name:

Bit		Acrylic	Down Cut	Single Flute	Shank Diameter		Tip Diameter	Flute Length		Total Length
BIT	-	A	D	S	03	-	1.0	03	-	38
BIT-ADS03-1003-38										
















Applications:



Acrylic with fine detail



Acrylic

C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC Ibag	42444083	42443614	BIT-AUS03-1004-30	For acrylic (super sharp), up-cut, single flute bit	3 mm 1/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42443622	BIT-AUS03-1506-30	For acrylic (super sharp), up-cut, single flute bit	5 mm 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42443630	BIT-AUS03-2006-30	For acrylic (super sharp), up-cut, single flute bit	5 mm 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42443648	BIT-AUS03-2008-30	For acrylic (super sharp), up-cut, single flute bit	7 mm 9/32"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42443655	BIT-AUS03-2011-38	For acrylic (super sharp), up-cut, single flute bit	10 mm 3/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42443663	BIT-AUS03-2506-30	For acrylic (super sharp), up-cut, single flute bit	5 mm - 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42443671	BIT-AUS03-2511-38	For acrylic (super sharp), up-cut, single flute bit	10 mm 3/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42443689	BIT-AUS03-3006-30	For acrylic (super sharp), up-cut, single flute bit	5 mm 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42443697	BIT-AUS03-3011-38	For acrylic (super sharp), up-cut, single flute bit	10 mm 3/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42443705	BIT-AUS03-3022-50	For acrylic (super sharp), up-cut, single flute bit	20 mm 4/5"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42449447	BIT-ADS03-1003-38	For acrylic (super sharp), down-cut, single flute bit	2.5 mm 3/32"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42449454	BIT-ADS03-1504-38	For acrylic (super sharp), down-cut, single flute bit	3 mm 1/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42449462	BIT-ADS03-2006-38	For acrylic (super sharp), down-cut, single flute bit	5 mm 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42445981	BIT-ADS03-3006-38	For acrylic (super sharp), down-cut, single flute bit	5 mm 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC Ibag	MC Ibag	42444083	42449470	BIT-ADS03-3011-38	For acrylic (super sharp), down-cut, single flute bit	10 mm 3/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						

MILLING BITS

6 mm special purpose milling bits

This is our section for special purpose milling bits for engraving, high speed folding lines in ACM (aluminum composite materials), outer radius, braille mounting etc. See chart for details, milling thickness, max RPM, etc.



How to read the bit name:

Bit		Engraving Bit	V -Shape	Shank Diameter		Angle
BIT	-	E	V	06	-	40
BIT-EV06-40						

Applications:



Engraved acrylic











ACM with v-notches











Milled wood radius detail

3kw	1kw	Engraving	Radius Bit	Polishing Bit	Braille Bit	Compression Bit	Straight Cut Bit
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C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC Ibag	42444067	42444398	BIT-EBV06-40	Engraving bits for acrylics, other synthetic materials and wood. 40°. Produces a bottom groove diameter of 0.4 mm	4 mm 5/32"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42444406	BIT-EBV06-60	Engraving bits for acrylics, other synthetic materials and wood. 60°. Produces a bottom groove diameter of 0.4 mm	4 mm 5/32"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42444992	BIT-EBV06-46	Special purpose milling bit for making crease lines in polypropylene. 46°. Produce a bottom groove diameter of 0.4 mm (ball nose bit)	4 mm 5/32"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42444380	BIT-EBV06-73	Folding tool for aluminum composite material, max 3 mm	3 mm 1/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	02731628	BIT-EBV06-94	Hi-speed folding tool for aluminum composite material, 90°, max 4 mm. Tip width 0.9 mm produce a groove bottom of 1.8 mm	4 mm 5/32"	Max 40'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42475905	BIT-EBV06-90/16-2F	3D/V grooving, 45° tools for plastics/wood/MDF. Solid carbide core for high stability. Extremely long life. Makes an up to 8 mm deep groove	8 mm 5/16"	Max 40'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42458141	BIT-EBV06-120	Hi-speed folding tool for aluminum composite material, 120° 2 flute. ball nose with tip dia. 1.8 mm	4 mm 5/32"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42459719	BIT-EBV06-60-4F	Hi-speed four flute folding tool for grey board and similar materials, max 5.2 mm; this tool makes a 60° groove	5.2 mm 1/5"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						

NEW

C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC Ibag	42444067	42459727	BIT-EBV06-90-4F	Hi-speed four flute folding tool for grey board and similar materials, max 3 mm; this tool makes a 90° groove	3 mm 1/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42459735	BIT-EBV06-120-4F	Hi-speed four flute folding tool for grey board and similar materials, max 1.7 mm; this tool makes a 120° groove	1.7 mm 1/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42462960	BIT-EBV06-158-5F	Five flute engraving bit for wood, MDF, hardboard, flooring etc.	0.3 mm 1/64"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	34092429	BIT-RBO06-04	Radius bit, outer, 6 mm shaft, radius 5 mm	4 mm 5/32"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	34111567	BIT-RBO06-04-06	Radius bit, single flute	4 to 5.2 mm 5/32" to 3/16"	Max 40'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	34111583	BIT-RBO06-08-10	Radius bit, single flute	8 to 10 mm 9/32" to 3/8"	Max 40'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	34111591	BIT-RBO06-12-14	Radius bit, outer, 6 mm shaft, radius 3.5 mm	12 to 14 mm 15/32" to 1/2"	Max 40'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42452169	Monocrystalline diamond polish tool	For polishing edges of acrylics and similar materials	5 mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						

C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC Ibag	42444067	42471797	Monocrystalline Diamond polish tool 45° (2.8mm)	Special milling bit for polishing edges of Acrylic and similar materials in a 45° angle. Typical use for this bit is to polishing edges	2.8 mm 7/64"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42463646	Polycrystalline Daimond polishing bit 14 mm	For polishing edges of acrylics and similar materials. Gives a semi- glossy surface	13 mm 1/2"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42460238	BIT- BRAILLE06 -1403-50	Drilling bit for braille. For drilling in acrylic, PVC, etc. Shaft 6 mm,Tip diameter: 1.55 mm (0.0610 Inch) Workstogether with the Braille tool	3 mm 1/8"	Max 20'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42455477	BIT- BRAILLE06-1503-50	Drilling bit for braille. For use in harder materials like Aluminum, ACM etc. Tip diameter: 1.56 mm (0.0615 inch) Works together with the Braille tool	3 mm 1/8"	Max 20'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42458786	BIT- MCS06-6022-64	This is a compression bit for smooth edges on both top and bottom liner. Acrylic, Polycarbonate, Sintra with two sided print laminate	20 mm 4/5"	Max 50'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42471763	BIT-MCS06-4015-40	This is a compression bit for smooth edges on both top and bottom liner, can handle materials as thin as 2 mm	13 mm 1/2"	Max 50'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42471771	BIT-MCS06-6022-64	This is a compression bit for smooth edges on both top and bottom liner, can handle materials as thin as 2 mm	20 mm 4/5"	Max 50'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42458794	BIT- MSD06-6025-64	For Gatorplast, Ultraboard, Kappa with direct print or blank	23 mm 7/8"	Max 50'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728						