



MAR 2024 / EN

BITS & BLADES CATALOG



Top quality tools for top quality results

KONGSBERG
Precision Cutting Systems

MAR24 Kongsberg part no: 42458042

KONGSBERG BITS & BLADES

In this brochure you will find over 100 different knife blades, over 100 different milling bits, and a whole range of other accessories such as plotting pens and refills, crease wheels, crease blades, and milling accessories.

Developing new tools for the Kongsberg tables is a ongoing process. To get the absolute best performance out of your Kongsberg table, we are developing these tools in close cooperation with our manufacturers. For the latest updates and additions, visit the Kongsberg store at store.kongsbergsystems.com.

The Kongsberg bits and blades finder on the Kongsberg store will help you select the bits and blades that perfectly suit your cutting table, tools and cutting method.

The advanced filtering options will help you narrow down the bits and blades search results and allows you to compare products.

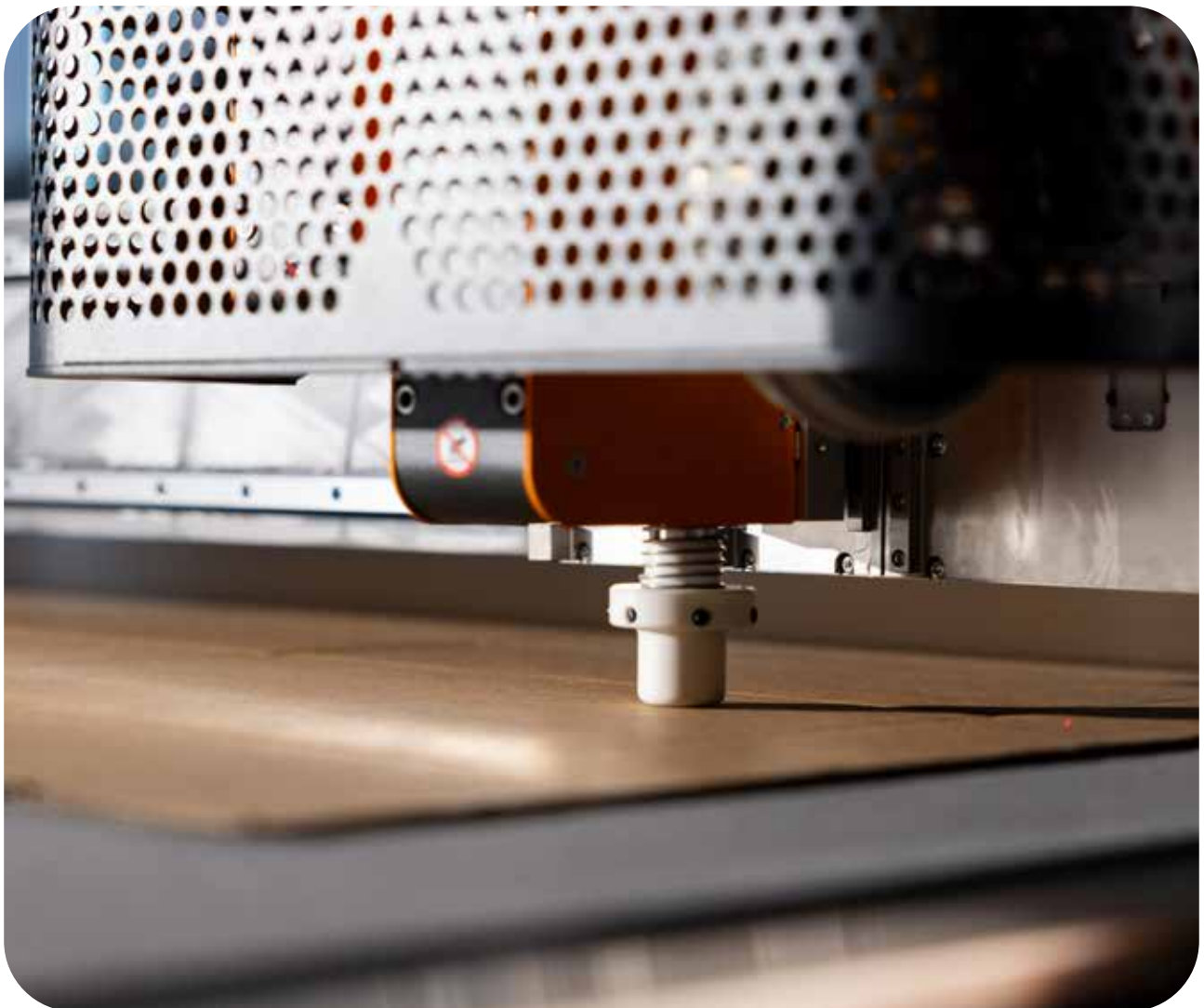


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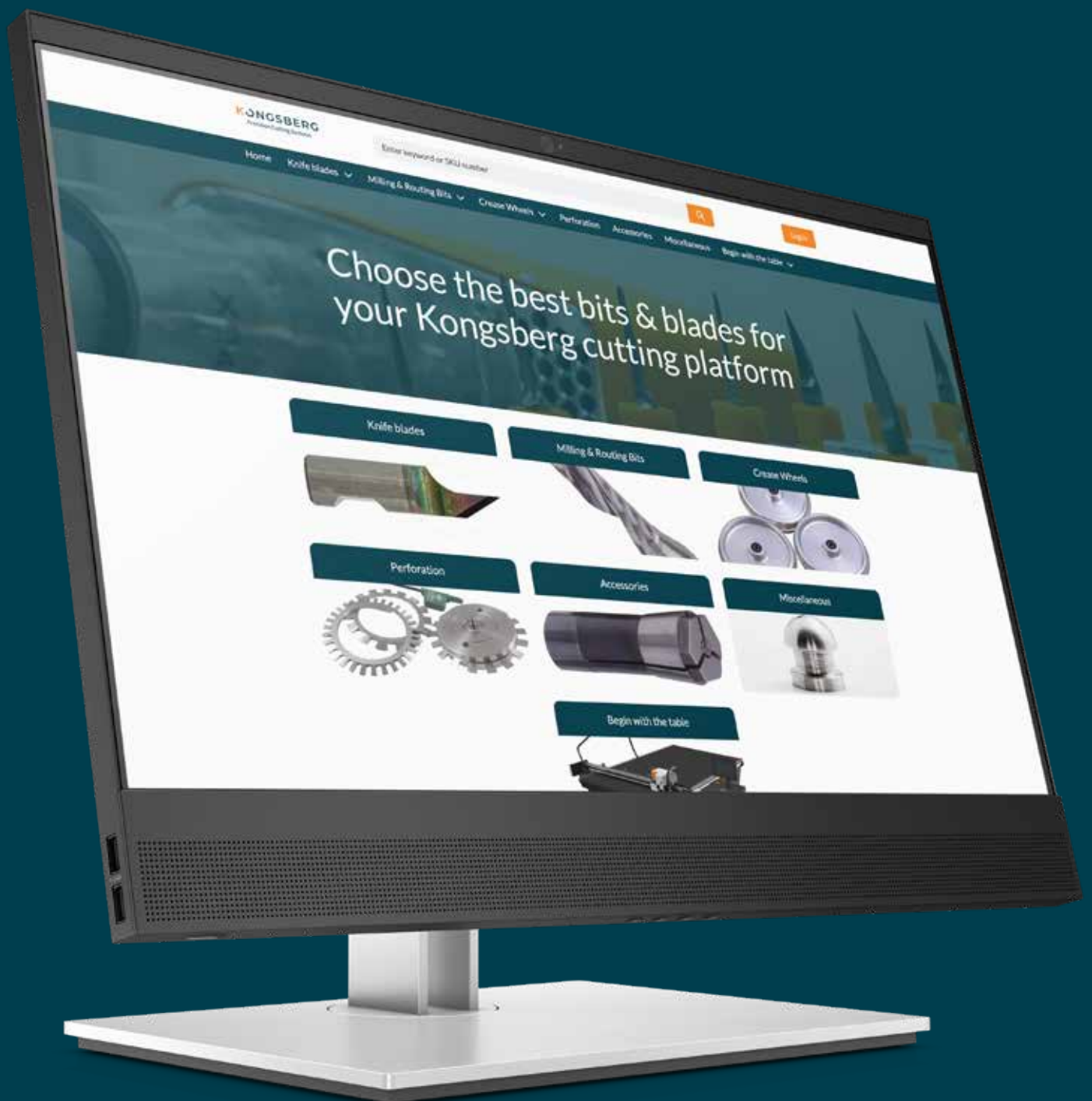
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store.kongsbergsystems.com

KNIFE BLADES

Kongsberg offers a wide range of high quality blades, specially designed to optimize your Kongsberg cutting system with focus on consistent production with top quality result and a minimum of machine down time for blade exchange.

Kongsberg blades are developed, manufactured and tested by your Kongsberg team in association with selected blade manufacturers. By using our blades you ensure you are on top of your production and achieve the best quality cutting and the longest blade life.

The metals used to create our bits and blades are carefully selected to resist wear and breakage. Then, they are ground to extremely tight tolerances. Before they are shipped to you, they undergo 100% quality control to make sure you are working with the best possible tools.

Benefits of official Kongsberg knife blades

- › Long life
- › Lowest cost per cutting meter
- › Top quality cutting result
- › More than 100 different blades optimized for a large range of materials
- › Short lead times

Asymmetric knife blade

Has only one cutting edge as opposed to double-edge knives blades that are symmetrical.

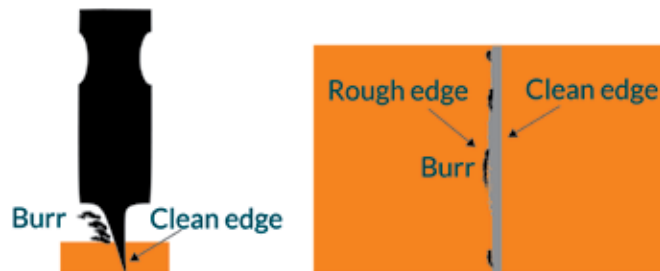
Inner or outer piece?



By cutting clockwise, the inner part (orange) will have a clean cutting edge, the outer part (blue) will have a rougher edge.



By cutting counterclockwise, the inner part (blue) will have a rougher cutting edge, the outer part (orange) will have a clean edge.



KNIFE BLADES

Single edge round 6 mm blades for oscillating 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	Asymmetric
C1	Coating 1
C2	Coating 2

Applications:



Re-board® signage



Corrugated displays






Foam signage

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

U 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

			Standard Reciprocating / 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						
			Standard Reciprocating / 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*		
			Long Stroke Knife tool	34073080						
			VibraCut / HF VibraCut Knife tool	34046425						
			Standard Reciprocating / 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						
			Standard Reciprocating / 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*		
			Long Stroke Knife tool	34073080						
			VibraCut / HF VibraCut Knife tool	34046425						
			Standard Reciprocating / MP HF Knife tool	34053207	34146498	BLD-SR6225	Works well with most types of corrugated board. This blade has a flatten tip for faster oscillating cutting without going deep in the underlay	12 mm 1/2" XE*		NEW
			Long Stroke Knife tool	34073080						
			VibraCut / HF VibraCut Knife tool	34046425						
			Standard Reciprocating / 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

			Standard Reciprocating / 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						
			Standard Reciprocating / 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"		
			Long Stroke Knife tool	34073080						
			VibraCut / HF VibraCut Knife tool	34046425						





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

U C XP	XL XN X V	XE	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
			Standard Reciprocating / 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

			Standard Reciprocating / 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					
			Standard Reciprocating / 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

			Standard Reciprocating / 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					
			Standard Reciprocating / 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					
			Standard Reciprocating / 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					
			Standard Reciprocating / MP HF Knife tool	34053207	42475947	BLD-SR6320	Similar to the SR6315 but with 0 lag geometry	12,7 mm 1/2" XE*	
			Long Stroke Knife tool	34073080					
			VibraCut / HF VibraCut Knife tool	34046425					

NEW

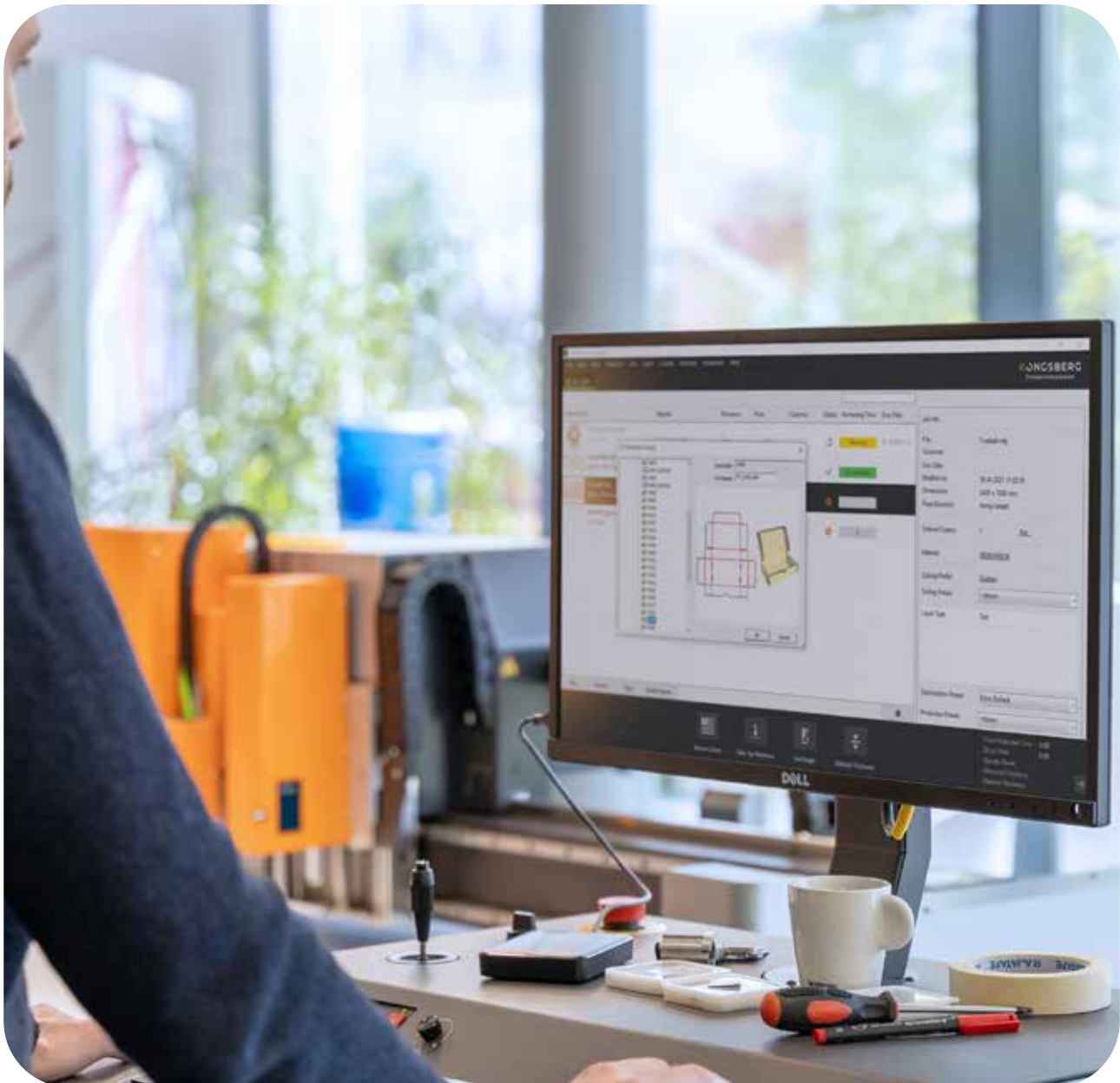
i-CUT PRODUCTION CONSOLE

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.



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:



Signage, PVC 3 mm












Corrugated plastic



Corrugated

U C XP	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	34125286	42447235	BLD-DR8160	Good blade for cutting rigid materials such as different gasket materials, Forex, corrugated board and solid carton board. 0 lag blade	6 mm 1/4"		TOP SELLER
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34125286	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"		
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34125286	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	34125286	42460394	BLD-SR8170	Long life tungsten carbide blade for thinner flexible materials such as folding carton, corrugated board, 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	34125286	42475814	BLD-SR8170 C2	Long life tungsten carbide blade for thinner flexible materials such as folding carton, corrugated board, polyester film, leather, vinyl, paper. 30° cutting edge. C2 coated for longer life	6.5 mm 1/4"		
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34125286	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	34125286	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"		
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							
			HD/Dual HD Unit	34125286	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	34125286	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"		
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							


U C XP	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	34125286	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	34125286	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	34125286	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	34125286	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	34125286	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	34125286	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	34125286	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	34125286	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	34125286	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						

UC XP	XL XN V X	XE	Tool	Adapter	Blade part number	Blade name	Description	Max cutting	Picture
			HD/Dual HD Unit	34125286	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	34125286	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	34125286	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"	
			PowerHead						
			RM Knife	n/a					
			CorruSpeed						
			HD/Dual HD Unit	34125286	34104398	BLD-SR8184	The blunter angle reduces the risk for breaking the blade in tough materiel, 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	34125286	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"	
			PowerHead						
			RM Knife	n/a					
			CorruSpeed						
			HD/Dual HD Unit	34125286	34143362	BLD-SR8146	A blade with a 45° edge is well-suited for cutting both soft and rigid foam core	10 mm 3/8"	
			PowerHead						
			RM Knife	n/a					
			CorruSpeed						

NEW

Deburring blade Ø8 with 1 mm lag

			HD/Dual HD Unit	34125286	42483990	Deburring blade Ø8	Specially designed blade to remove excess burrs after knife cutting in a separate operation	N/A		NEW
			PowerHead							
			RM Knife	n/a						
			CorruSpeed							



Ultimate running with the CorruSpeed tool

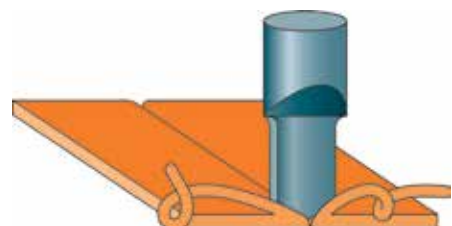


Illustration of the Deburring blade

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

U C XP	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		
			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, passportout and more. This is a single edge design	2 mm 5/64"		
			Vibracut/HF VibraCut	34050880						
			Static Knife tool VariCut knife	34048785						

U C XP	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 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"		NEW
			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 5°/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	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					

UC XP	XL XN V X	XE	Tool	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
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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					

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				

Applications:







Folding carton package






Thin plastic cards

U C XP	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"		
			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"		
			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"		
			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. Its properties allow secure separation of foil 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. Its properties allow secure separation of foil 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		

Applications:



Re-board® game



Re-board® design





Re-board® sheet with v-notch





Re-board® chair

U C XP	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"	

U C XP	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"		
		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"		
		VariAngle Unit	Standard Adapter 34127381	34137323	BLD-SF645	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: 1.1 mm	30 mm 1 3/16"		NEW



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Depth:

Tool-up Angle: ☒ Use Default

☐ Knife overcut

Start: End:

Registration Type:

☐ Reverse operation

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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
BLD	-	RC
BLD-RC110		

Applications:



Textile banner





Paper invitations





Motorized Roll Feeder

U C XP	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						

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				

Applications:







Protective foam inlays




Protective packaging

U C XP	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							
		Foam Knife	34053231	42478164	BLD-SR6314	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®. Flat tip for gentle cutting on machines equipped with a conveyor belt	32 mm 1 1/4"		NEW
		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							
		FoamHead	34057745	42478172	BLD-SR6525	Blade for max. 55 mm material thickness. 3.7° cutting angle enables fine details. Flat tip for gentle cutting on machines equipped with a conveyor belt	55 mm 2 1/8"		NEW
		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.

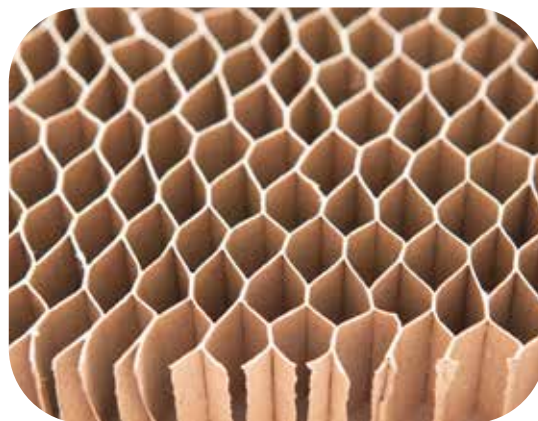
How to read the blade name:

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

Applications:







Thick Re-board®






Paper based honeycomb

U C XP	XL XN X	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"	
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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				

Applications:





Dense foam signage





Foam for protective packaging

U C XP	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			


Applications:





Shipping box with protective foam inlay

U C XP	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. As a result, 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. As a result, 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

UC XP	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)
L Total Length

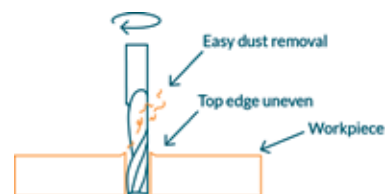
BIT-ACS	Acrylic, Clear, Single Flute
BIT-ADS	Acrylic, Down cut, Single Flute
BIT-AUS	Acrylic, Up Cut, Single Flute
BIT-BRAILLE	Braille
BIT-EBV	Engraving, Bit, V Shape
BIT-MCS	Multi Purpose, Compression, Single Flute
BIT-MDS	Multi Purpose, Down Cut, Single Flute
BIT-MSD	Multi Purpose, Straight Cut, Double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

Table explanation:

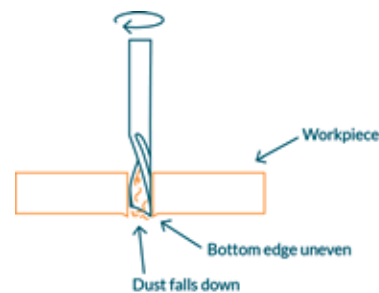
MC: MultiCUT 1 kW
MC HP: MultiCUT High Power 3 kW
HSMU: High Speed Milling Unit 1 kW
HPMU: High Power Milling Unit 3 kW

Kavo & Ibag: the brand of the milling spindle

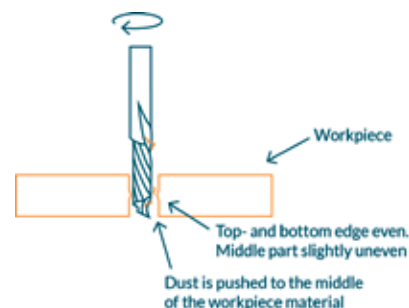
Dust flow with upcut bit



Dust flow with downcut bit



Dust flow with compression bit



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












ACM








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	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'	
		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'	
		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'	
		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	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'		
		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'		
		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'		
		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:









Display



MultiCUT-HP

3kw	1kw	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	Chuck / Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC lbag	MC lbag	42444067	42449355	BIT-MDS06-2004-50	Multi purpose, down-cut, single flute bit	3 mm 1/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC lbag	MC lbag	42444067	42449363	BIT-MDS06-3006-50	Multi purpose, down-cut, single flute bit	5 mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC lbag	MC lbag	42444067	42447342	BIT-MDS06-3011-50	Multi purpose, down-cut, single flute bit	10 mm 3/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC lbag	MC lbag	42444067	42449371	BIT-MDS06-4008-50	Multi purpose, down-cut, single flute bit	7 mm 9/32"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC lbag	MC lbag	42444067	42449389	BIT-MDS06-4012-50	Multi purpose, down-cut, single flute bit	10 mm 3/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC lbag	MC lbag	42444067	42447359	BIT-MDS06-5022-60	Multi purpose, down-cut, single flute bit	20 mm 13/16"	Max 40'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		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.



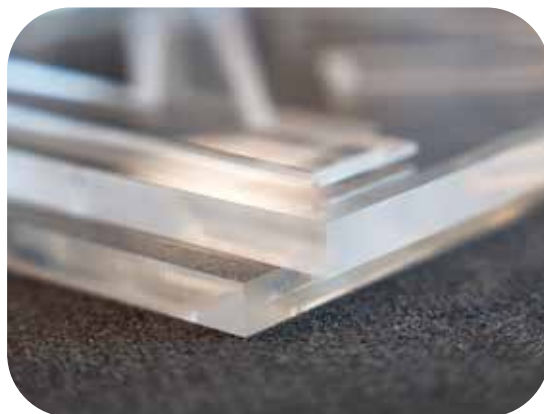
How to read the bit name:

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



Birs for acrylic materials







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	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'	
		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'	
		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'	
		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'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728						

TOP SELLER

3kw	1kw	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	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











Aluminum sign letters




ACM

3kw	1kw	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	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'	
		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'	
		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'	
		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'	
		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'	
		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	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	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'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728						



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



Composite wood





Wood



Wooden signage

3kw	1kw	Up 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	42458497	BIT-WUD06-4016-64	For soft & hard composite wood with top print laminate	15 mm 5/8"	Max 50'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42458752	BIT-WUD06-6025-64	For soft & hard composite wood with top print laminate	23 mm 7/8"	Max 50'	
		MC Kavo		02721314					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.



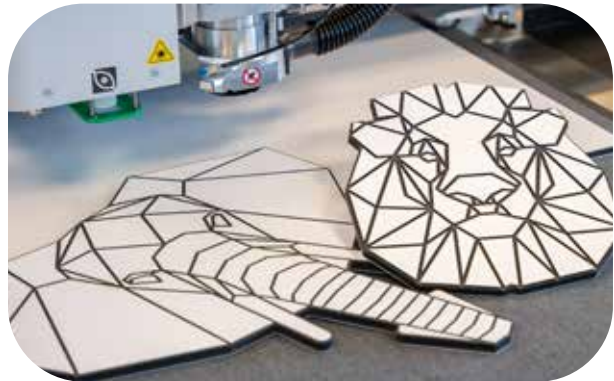
How to read the bit name:

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













Foamalux PVC



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

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	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



















Engraving with folding bit












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-EBV06-120-2F	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						

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	42483826	BIT-EBV06-94-4F	Hi-speed four flute folding tool for grey board and similar materials, max 3 mm; this tool makes a 94° groove	3 mm 1/8"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		2454728							
	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	42483834	BIT-TSD06-1005-50	Bit for creating T-slot in materials like Acrylic and MDF. Slot depth max 5 mm	5 mm 3/16" /pass	Max 60'		NEW
		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							



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	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 bit	For polishing edges of acrylics and similar materials	5 mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC Ibag	42444067	42471797	Monocrystalline diamond polish bit 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 diamond 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	42471763	BIT-MCS06-4015-50	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						

ACCESSORIES





Milling accessories

C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Part no.	Part name	Description	Picture
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Adjustment sleeves

		MC Ibag	MC Ibag	34054510	Adjustment sleeve MultiCUT 20 mm	Use in order to get the right milling depth when changing bit	
		MC Kavo					
		MC HP					
		MC Ibag	MC Ibag	34038406	Adjustment sleeve MultiCUT 28 mm	Use in order to get the right milling depth when changing bit	
		MC Kavo					
		MC HP					

Dummy bits



	HSMU	MC Ibag	MC Ibag	42448175	Dummy router bit 3 mm L40	Placed in chuck when milling spindle is not in use	
HPMU	HPMU	MC HP					
	HSMU	MC Ibag	MC Ibag	42419457	Dummy router bit 6 mm L40	Placed in chuck when milling spindle is not in use	
		MC Kavo					
HPMU	HPMU	MC HP					
HPMU	HPMU			42455667	Dummy router bit 8 mm L40	Placed in chuck when milling spindle is not in use	
	HSMU	MC Ibag	MC Ibag	42448183	Dummy router bit 1/4" L40	Placed in chuck when milling spindle is not in use	
		MC Kavo					
HPMU	HPMU	MC HP					

Replacement chucks/collets for 3 kW Ibag

HPMU	HPMU			42454736	8 mm replacement chuck	This chuck is used to clamp 8 mm bits into the spindle. It has to be changed regularly	
HPMU	HPMU	MC HP		42454728	6 mm replacement chuck	This chuck is used to clamp 6 mm bits into the spindle. It has to be changed regularly	
HPMU	HPMU	MC HP		42455675	3 mm replacement chuck	This chuck is used to clamp 3 mm bits into the spindle. It has to be changed regularly	

C Milling Max 60'RPM	XP Milling Max 60'RPM	X/XN/XL Milling Max 60'RPM	X/V Milling Max 45'RPM	Part no.	Part name	Description	Picture
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Replacement chucks/collets for 1 kW Ibag

	HSMU	MC Ibag	MC Ibag	42444067	6 mm replacement chuck	This chuck is used to clamp 6 mm bits into the spindle. It has to be changed regularly	
	HSMU	MC Ibag	MC Ibag	42444083	3 mm replacement chuck	This chuck is used to clamp 3 mm bits into the spindle. It has to be changed regularly	

Replacement chucks/collets for 1 kW Kavo

		MC Kavo		02721314	6 mm replacement chuck	This chuck is used to clamp 6 mm bits the spindle. It has to be changed regularly	
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Chuck maintenance kit

	HSMU	MC Ibag	MC Ibag	02961712	Chuck maintenance kit, air cooled 1 kW spindle	This Chuck maintenance kit is for regular cleaning of the 1 kW milling spindle of a Multicut or HSMU. It contains tools for dismantling the chuck, brush for cleaning and an air hose for connecting pressurized air, where necessary. Extra dummy bit and description are also included.	
		MC Kavo					
HPMU	HPMU	MC HP		02961720	Chuck maintenance kit liquid cooled 3 kW spindle	This Chuck maintenance kit is for regular cleaning of the 3 kW milling spindle of a Multicut HP or HPMU. It contains tools for dismantling the chuck, brush for cleaning and an air hose for connecting pressurized air, where necessary. Extra dummy bits and description are also included.	

Replacement plastic bags for vacuum cleaner

Vacuum cleaner 75I (industrial)	42454124	Plastic bags for Vac. Cleaner 75L tank (50pcs)	To use plastic bags for Vacuum Cleaner on your Kongsberg table, you need one of the following configurations: C/XP Milling /XL/XN/X Milling	
Vacuum cleaner Dolphin	42447383	Plastic bags vac. cleaner Dolphin (50pcs)	To use plastic bags for Vacuum Cleaner Dolphin on your Kongsberg table, you need one of the following configurations: C/XP Milling/XL/XN/X Milling	

Cleaner kit for milling devices

All Kongsberg milling devices	34106807	Cleaner kit for milling devices	<ul style="list-style-type: none"> 2-meter vacuum hose Brush for cleaning the table Rubber nozzle for cleaning the vacuum hose and accessing small, difficult-to-reach areas like the inside of the milling brushes 	
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CREASE WHEELS









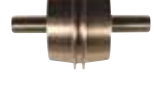

15 mm crease wheels

15 mm crease wheels provide excellent performance when creasing thin materials such as folding carton and paper.

Applications:



Folding carton

XP C	XL XN V x	XE	Tool insert	Adapter	Wheel part no.	Wheel name	Description	Picture
			HDU/Dual HDU	34012880	34089540	Crease wheel Ø15 1 Point	Crease Wheel - 15 mm dia - 1-point	
			PowerHead					
			Crease tool XE	34050377				
			Crease tool 15 mm	n/a				
			HDU/Dual HDU	34012880	34057588	Crease wheel Ø15 1.5 Point	Crease Wheel - 15 mm dia - 1.5-point	
			PowerHead					
			Crease tool XE	34050377				
			Crease tool 15 mm	n/a				
			HDU/Dual HDU	34012880	32533291	Crease wheel Ø15 2 Point	Crease Wheel - 15 mm dia - 2-point	
			PowerHead					
			Crease tool XE	34050377				
			Crease tool 15 mm	n/a				
			HDU/Dual HDU	34012880	34030858	Crease wheel Ø15 3 Point	Crease Wheel - 15 mm dia - 3-point	
			PowerHead					
			Crease tool XE	34050377				
			Crease tool 15 mm	n/a				
			HDU/Dual HDU	34012880	34030908	Crease wheel Ø15 4 Point	Crease Wheel - 15 mm dia - 4-point	
			PowerHead					
			Crease tool XE	34050377				
			Crease tool 15 mm	n/a				
			HDU/Dual HDU	34012880	32535999	Crease wheel Ø15 1 mm spacing	Crease Wheel - 15 mm dia double edge - 1 mm spacing	
			PowerHead					
			Crease tool XE	34050377				
			Crease tool 15 mm	n/a				
			HDU/Dual HDU	34012880	32555021	Crease wheel Ø15 1.25 mm spacing	Crease Wheel - 15 mm dia double edge - 1.25 mm spacing	
			PowerHead					
			Crease tool XE	34050377				
			Crease tool 15 mm	n/a				
			HDU/Dual HDU	34012880	32551301	Crease wheel Ø15 1.4 mm spacing	Crease Wheel - 15 mm dia double edge - 1.4 mm spacing	
			PowerHead					
			Crease tool XE	34050377				
			Crease tool 15 mm	n/a				
			HDU/Dual HDU	34012880	32551327	Crease wheel Ø15 1.8 mm spacing	Crease Wheel - 15 mm dia double edge - 1.8 mm spacing	
			PowerHead					
			Crease tool XE	34050377				
			Crease tool 15 mm	n/a				
			HDU/Dual HDU	34012880	32555005	Crease wheel Ø15 2.2 mm spacing	Crease Wheel - 15 mm dia double edge - 2.2 mm spacing	
			PowerHead					
			Crease tool XE	34050377				
			Crease tool 15 mm	n/a				

CREASE WHEELS

26 mm crease wheels

26 mm crease wheels provide excellent performance when creasing thick carton and thin corrugated boards.

Applications:















Folded corrugated plastic sign



Creased and folded corrugated cases



XP C	XL XN V X	XE	Tool insert	Adapter	Wheel part no.	Wheel name	Description	Picture
			HDU/Dual HDU	34012906	32532129	Crease wheel Ø26 1 Point	Crease Wheel - 26 mm dia - 1-point	
			PowerHead					
			Crease tool XE	34050385				
			Crease tool 26 mm	n/a				
			HDU/Dual HDU	34012906	32524837	Crease wheel Ø26 2 Point	Crease Wheel - 26 mm dia - 2-point	
			PowerHead					
			Crease tool XE	34050385				
			Crease tool 26 mm	n/a				
			HDU/Dual HDU	34012906	32529075	Crease wheel Ø26 3 Point	Crease Wheel - 26 mm dia - 3-point	
			PowerHead					
			Crease tool XE	34050385				
			Crease tool 26 mm	n/a				
			HDU/Dual HDU	34012906	32536542	Crease wheel Ø26 4 Point	Crease Wheel - 23 mm dia - 4-point	
			PowerHead					
			Crease tool XE	34050385				
			Crease tool 26 mm	n/a				
			HDU/Dual HDU	34012906	32522880	Crease wheel Ø26 6 Point	Crease Wheel - 26 mm dia - 6-point	
			PowerHead					
			Crease tool XE	34050385				
			Crease tool 26 mm	n/a				
			HDU/Dual HDU	34012906	32529240	Crease wheel Ø26 8 Point	Crease Wheel - 26 mm dia - 8-point	
			PowerHead					
			Crease tool XE	34050385				
			Crease tool 26 mm	n/a				
			HDU/Dual HDU	34012906	32529091	Crease wheel Ø26 10 Point	Crease Wheel - 26 mm dia - 10-point	
			PowerHead					
			Crease tool XE	34050385				
			Crease tool 26 mm	n/a				
			HDU/Dual HDU	34012906	32529117	Crease wheel Ø26 12 Point	Crease Wheel - 26 mm dia - 12-point	
			PowerHead					
			Crease tool XE	34050385				
			Crease tool 26 mm	n/a				

XP C	XL XN V X	XE	Tool insert	Adapter	Wheel part no.	Wheel name	Description	Picture
			HDU/Dual HDU	34012906	32547051	Crease wheel Ø26 14 Point	Crease Wheel - 26 mm dia - 14-point	
			PowerHead					
			Crease tool XE	34050385				
			Crease tool 26 mm	n/a				
			HDU/Dual HDU	34012906	32546640	Crease wheel Ø26 0.6 mm spacing	Crease Wheel - 26 mm dia double edge - 0.6 mm spacing	
			PowerHead					
			Crease tool XE	34050385				
			Crease tool 26 mm	n/a				
			HDU/Dual HDU	34012906	32537706	Triple wall	Crease Wheel - 26 mm triple wall	
			PowerHead					
			Crease tool XE	34050385				
			Crease tool 26 mm	n/a				
			HDU/Dual HDU	34012906	32524811	Crease wheel Ø26 Crush	Crease Wheel - 26 mm crush R=15	
			PowerHead					
			Crease tool XE	34050385				
			Crease tool 26 mm	n/a				





CREASE WHEELS

60 mm crease & perforation wheels

The 60 mm crease tool for corrugated board offers improved crease quality over smaller wheel diameters. The increased frontal area (see sketch) allows going deeper into the board without cracking the liner, which is especially important for material with high recycle content.





The tool comes with three different crease wheels; a 4-point wheel suitable for E- and other microflutes, a 6-point wheel suitable for B- and C-flute and a U-shaped wheel for double wall corrugated.

Due to the large diameter the wheel must be attached to the tool after it has been mounted in the tool head. The wheel easily snaps in place without any auxiliary tool requirements.






XP C	X XN XL V	Tool insert/holder	Adapter	Perf wheel holder	Wheel part no.	Wheel name	Description	Picture
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60 mm crease wheel

		All tool head insert positions	Crease tool Ø60 34095505	N/A	34095430	Crease wheel Ø60 6 pont	Crease wheel - 60 mm dia - 6-point	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						
		All tool head insert positions	Crease tool Ø60 34095505	N/A	34095513	Crease wheel Ø60 4 pont	Crease wheel - 60 mm dia - 4-point	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						
		All tool head insert positions	Crease tool Ø60 34095505	N/A	34095539	Crease wheel Ø60 U shape	Crease wheel - 60 mm dia - U shape	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						
		All tool head insert positions	Crease tool Ø60 34095505	N/A	34133561	Crease wheel Ø60 - double 4 mm	Crease wheel - 60 mm double 4 mm. Folding lines in materials like the DISPA® from "3A Composites.	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						







NEW

60 mm perforation tools

		All tool head insert positions	Crease tool Ø60 34095505	N/A	42461202	Perforation wheel holder	Special wheel holder for fixing the perforation wheels	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						
		All tool head insert positions	Crease tool Ø60 34095505	42461202	42461210	Perforation wheel 3 x 3 mm	Makes perforation lines with 3 mm cut and 3 mm space	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						
		All tool head insert positions	Crease tool Ø60 34095505	42461202	42461228	Perforation wheel 5 x 5 mm	Makes perforation lines with 5 mm cut and 5 mm space	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						

XP C	X XN XL V	Tool insert/holder	Adapter	Perf wheel holder	Wheel part no.	Wheel name	Description	Picture
		All tool head insert positions	Crease tool Ø60 34095505	42461202	42461236	Perforation wheel 5 x 7 mm	Makes perforation lines with 7 mm cut and 5 mm space	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						
		All tool head insert positions	Crease tool Ø60 34095505	42461202	42461244	Perforation wheel 10 x 10 mm	Makes perforation lines with 10 mm cut and 10 mm space	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						

60 mm tear perforation wheels

		All tool head insert positions	Crease tool Ø60 34095505	42461202	2908655	PERFormaX tear perforating kit	The PERFormaX wheels are used for shelf ready tear perforation	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						
		All tool head insert positions	Crease tool Ø60 34095505	42461202	42475053	PERFormaX tear perforating wheel 568	5 TPI x .135" (3.4 mm) Space 68% Hold Strength	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						
		All tool head insert positions	Crease tool Ø60 34095505	42461202	42475046	PERFormaX tear perforating wheel 763	7 TPI x .090" (2.3 mm) Space 63% Hold Strength	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						
		All tool head insert positions	Crease tool Ø60 34095505	42461202	42475038	PERFormaX tear perforating wheel 860	8 TPI x .075" (1.9 mm) Space 60% Hold Strength	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						
		All tool head insert positions	Crease tool Ø60 34095505	42461202	42475012	PERFormaX tear perforating wheel 945	9 TPI x .050" (1.3 mm) Space 45% Hold Strength	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						
		All tool head insert positions	Crease tool Ø60 34095505	42461202	42475020	PERFormaX tear perforating wheel 955	9 TPI x .060" (1.5 mm) Space 55% Hold Strength	
		PowerHead HD position	60 mm Crease wheel adapter 34107763					
		HDU/Dual HDU						



CREASE WHEELS

150 mm crease wheels & crease blades

150 mm crease wheels provide excellent performance when creasing thick corrugated boards, including double and triple wall corrugated.

The big crease wheel positions on the XN/XL/X (PowerHead) and C/XP (HDU/Dual HDU) has the equivalent of 50 kg [110 lb.] of down-pressure, which is 2½ times more than the down-pressure of the conventional tool stations. The additional pressure, combined with the large frontal area of the big wheel enables excellent crease quality in heavy-duty corrugated board and even permits creasing board with high recycle content without breaking the liner.

Crease blades create superior creases in plastics where wheels are less effective.

Applications:



Triple wall corrugated package



Creased thin plastics



Corrugated packaging









Corrugated display







XP C	XL XN X	XE	Tool insert	Adapter	Wheel part no.	Wheel name	Description	Picture
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150 mm crease wheels

			HDU/Dual HDU	n/a	34010306	Crease wheel Ø150 4 Point	Crease Wheel - 150 mm dia - 4-point	
			PowerHead					
			HDU/Dual HDU	n/a	34023234	Crease wheel Ø150 6 Point	Crease Wheel - 150 mm dia - 6-point	
			PowerHead					
			HDU/Dual HDU	n/a	34068734	Crease wheel Ø150 6 Point 6°	Crease Wheel - 150 mm dia - 6-point 6°	
			PowerHead					
			HDU/Dual HDU	n/a	34007096	Crease wheel Ø150 U shape	Crease Wheel - 150 mm dia - U shape	
			PowerHead					
			HDU/Dual HDU	n/a	34007906	Crease wheel Ø150 V shape	Crease Wheel - 150 mm dia - V shape	
			PowerHead					
			HDU/Dual HDU	n/a	34	Crease wheel Ø150 4 mm double	Crease wheel Ø150 4 mm double. Folding lines in materials like the DISPA® from 3A Composites.	
			PowerHead					

NEW

Crease blade 25 mm length

			HDU/Dual HDU	34125286	42459503	Crease Blade 0.5 mm	For thin, synthetic material such as polypropylene (PP) and polyethylene (PE)	
			PowerHead	34118489 (old)				
			RM Knife	n/a	42459511	Crease Blade 1 mm	For thin, synthetic material such as polypropylene (PP) and polyethylene (PE)	
			CorruSpeed					
			HDU/Dual HDU	34125286	42459511	Crease Blade 1 mm	For thin, synthetic material such as polypropylene (PP) and polyethylene (PE)	
			PowerHead	34118489 (old)				
			RM Knife	n/a	42459511	Crease Blade 1 mm	For thin, synthetic material such as polypropylene (PP) and polyethylene (PE)	
			CorruSpeed					



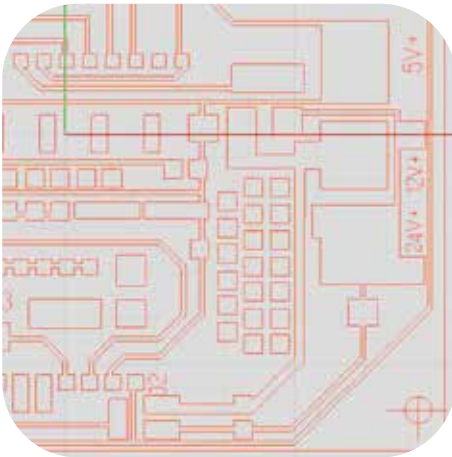
ACCESSORIES

Drawing tools

This is our section for drawing tools, including fiber tip pens, liquid pen inserts and ball point pen refills.



Applications:



Pen plot













Braille numbers













XP C	XL XN V X	XE	Tool insert/unit	Adapter	Pen part no.	Pen name	Description	Picture
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Pens for drawing or marking on different materials

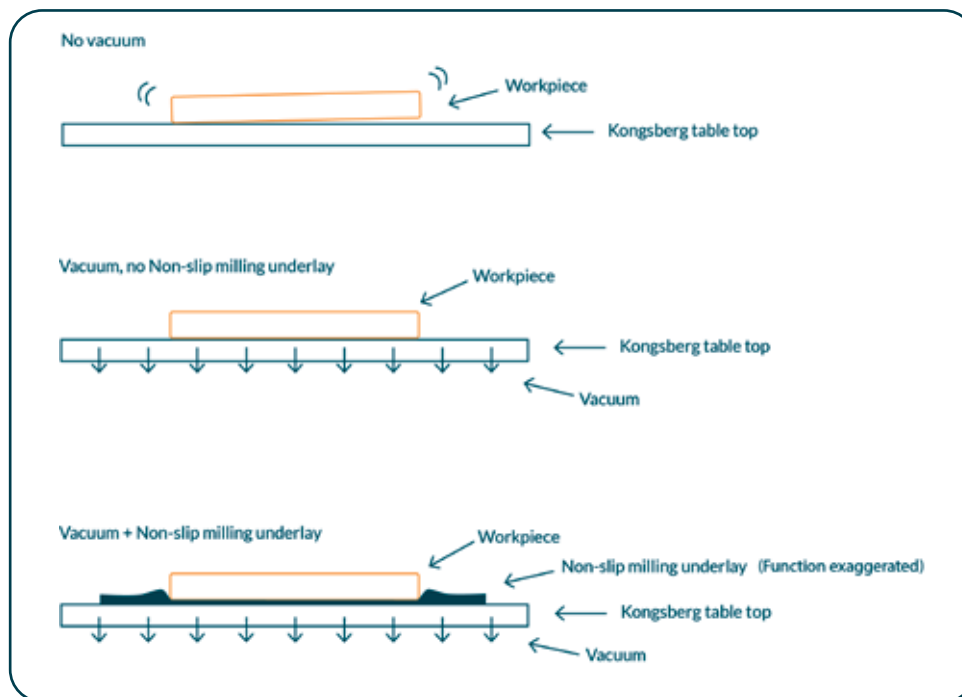
			Fibretip pen	34011825	42403402	PEN-FP317	For drawing on materials such as clear vinyl, which normally cannot be marked with ballpoint or liquid ink pens. Fiber tip pens, Lumocolor v WP6 (set of 8). Line thickness: medium 1 mm	
			Ø14 mm multifunction unit	34068601				
			Fibretip tool	N/A				
			Fibretip pen	34011825	42433672	PEN-FP318	For drawing on materials such as clear vinyl, which normally cannot be marked with ballpoint or liquid ink pens, Fiber tip pens, Lumocolor 318 WP6 (set of 8). Line thickness: fine 0.6 mm	
			Ø14 mm multifunction unit	34068601				
			Fibretip tool	N/A				
			Ball point pen tool	34006890	43504083	PEN-BP101	Medium line ball point pen refill, black. for high-speed plots on paper, Mylar foil or directly onto dieboard.	
			Ø14 mm multifunction unit	34068544				
			Ball point pen tool	34063750				
			Ball point pen tool	34006890	44262236	PEN-BP102	Medium line ball point pen refill, blue for high-speed plots on paper, Mylar foil or directly onto dieboard	
			Ø14 mm multifunction unit	34068544				
			Ball point pen tool	34063750				
			Ball point pen tool	34006890	44202059	PEN-BP103	Medium line ball point pen refill, red for high-speed plots on paper, Mylar foil or directly onto dieboard	
			Ø14 mm multifunction unit	34068544				
			Ball point pen tool	34063750				
			Ball point pen tool	34006890	44202042	PEN-BP104	Medium line ball point pen refill, green for high-speed plots on paper, Mylar foil or directly onto dieboard	
			Ø14 mm multifunction unit	34068544				
			Ball point pen tool	34063750				
			Ball point pen tool	34006890	44202703	PEN-BP201	Bold line ball point pen refill, black for high-speed plots on paper, Mylar foil or directly onto dieboard	
			Ø14 mm multifunction unit	34068544				
			Ball point pen tool	34063750				
			Ball point pen tool	34006890	44202687	PEN-BP202	Bold line ball point pen refill, blue for high-speed plots on paper, Mylar foil or directly onto dieboard	
			Ø14 mm multifunction unit	34068544				
			Ball point pen tool	34063750				
			Ball point pen tool	34006890	44202729	PEN-BP203	Bold line ball point pen refill, red for high-speed plots on paper, Mylar foil or directly onto dieboard	
			Ø14 mm multifunction unit	34068544				
			Ball point pen tool	34063750				
			Ball point pen tool	34006890	44233302	PEN-BP204	Bold line ball point pen refill, green for high-speed plots on paper, Mylar foil or directly onto dieboard	
			Ø14 mm multifunction unit	34068544				
			Ball point pen tool	34063750				

MISCELLANEOUS

XP C	XL XN X	XE	Tool insert	part no.	Article	Description	Picture
			CorruSpeed tool	34112136	Crushing Cup 14.5	The crushing cup with radius 14.5 has an aggressive shape for use in high quality board	
			CorruSpeed tool	34112151	Crushing Cup 16	The crushing cup with radius 16 has an less aggressive shape for use in board with high recycle content	
			n/a	02898930	MZP Ruler Stickers - 10pcs	The kit contains 10 pieces of adhesive positioning rulers for use on machines that are not equipped with the steel rulers. It sticks on conveyor belts, felt underlays and PVC underlays and can be placed and removed with ease	
			Braille tool (Require a router head)	42461509	Acrylic white spheres, set of 10,000	For use with the Kongsberg Braille tool	
			Braille tool (Require a router head)	42455345	Acrylic clear spheres, set of 10,000	For use with the Kongsberg Braille tool	
			Braille tool (Require a router head)	42461517	Stainless steel spheres, set of 1,000	For use with the Kongsberg Braille tool	
			n/a	42455881	Grease Staburags NBU 12 50g	Keep your Kongsberg machine rails cleaned and greased on a regular basis. This is the original grease that is being used in our factory	
			n/a	42456616	Grease Isoflex NBU 15 50g	To be used on your Kongsberg machine tooling bearings, ball screws, running gear. This is the original grease that is being used in our factory	
			HPMU with LubriCool	42464685	LubriCool routing liquid 1 liter	LubriCool routing liquid for use with the LubriCool function on the MultiCUT HP and the High Power Milling unit.	
			MultiCUT With LubriCool				
			Milling tools	34106880	Non-slip milling underlay	This special, non-slip milling underlay provides an amazing, almost "sticky" effect in combination with the vacuum system. The underlay perfectly holds down even the smallest objects during the routing process.	

Non-slip milling underlay

The non-slip milling surface of this underlay provides an almost “sticky” effect that, in combination with the vacuum on the cutting table, perfectly holds down even the smallest objects during the routing process.



NOTES

