

Esko Kongsberg Bits and Blades Catalog

A thick, solid orange horizontal bar with rounded ends, spanning the width of the page below the title.

In this brochure you will find more than 100 different knife blades, more than 100 different router bits, and a whole range of other accessories like plotting pens and refills, crease wheels, crease blades and milling accessories.

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-AUS06-2006-50							

Kongsberg bits and blades

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Kongsberg bits and blades

Tool to blade cross reference

XE tools

Static knife (depends on adapter)

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Hi-force knife (depends on adapter)

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Vibracut (depends on adapter)

Page 9, 10, 11, 12, 30

Psaligraphy knife

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PressCut

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XP/C tools

Rigid material knife

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Hi-force knife (depends on adapter)

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Hi freq Vibrating knife (Depends on adapter)

Page 5, 9, 10, 11, 30

PressCut

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Rotacut

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V-notch (HDU Insert)

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Crease blade adapter

Page 20

XL/XN/V/X tools

Static knife (Depends on adapter)

Page 9, 10, 30

Static knife Double edge

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Rigid material knife

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CorruSpeed knife

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Vibrating knife (depends on Adapter)

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Multi purpose Hi freq knife

Page 5, 9, 10, 11, 30

Long stroke knife

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Rotacut

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KissCut knife

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Microcut tool

Bevel knife

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V-notch knife

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V-notch (Powerhead insert)

Page 18

RB90 knife

Page 18

Crease blade adapter

Page 20



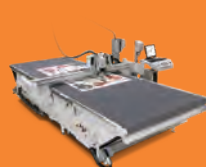
Kongsberg XE



Kongsberg V



Kongsberg XN



Kongsberg XP



Kongsberg C



Kongsberg X

Knife Blades

SR6xxx (single edge round 6 mm) oscillating blades

SR6xxx (single edge round 6 mm) blades for cutting with oscillating knife tool.



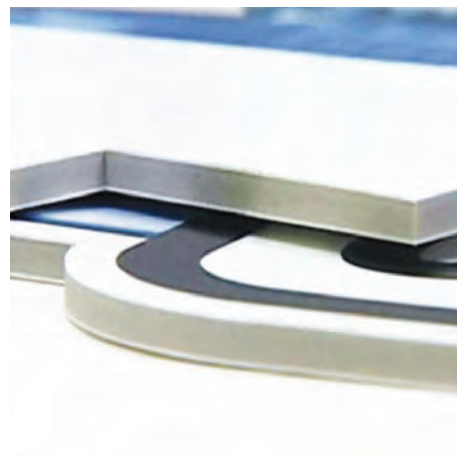
Our various oscillating tools come with different characteristics for optimized performance on a wide range of hard-to-cut materials. Stroke length ranges from 0,3 mm to 8 mm and frequency ranges from 4000 to 12000 strokes pr minute.

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.






corrugated display





foam signage

Blade	Single Edge	Round	Diameter
BLD-SR6310			



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

XP C	XL XN X V	XE	Tool insert	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture	
Blades optimized for cutting different grades of corrugated.										
			Recip./MP HF knife tool	34053207	42437293	BLD-SR6223	Long life tungsten carbide blade. Works well with most types of corrugated board	12mm 1/2" XE*		TOP SELLER
			Long stroke knife tool	34073080						
			VibraCut/Hi Frequency VibraCut knife tool	34046425						
			Recip./MP HF knife tool	34053207	42438135	BLD-SR6224	Long life tungsten carbide blade. Preferable choice for corrugated board with high recycle content.	12mm 1/2" XE*		TOP SELLER
			Long stroke knife tool	34073080						
			VibraCut/Hi Frequency VibraCut knife tool	34046425						
			Recip./MP HF knife tool	34053207	42460964	BLD-SR6242	Excellent blade for cutting tough gasket materials, even mesh armed graphite. For oscillate cutting with the High frequency knife tools	8mm 5/16" XE*		
			Long stroke knife tool	34073080						
			VibraCut/Hi Frequency VibraCut knife tool	34046425						




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

			Recip./MP HF knife tool	34053207	42441626	BLD-SR6310	Provides good results on thick and rigid paper-based materials, such as triple wall corrugated and Re-board, when used with the Multi Purpose High-Frequency Knife Tool.	20mm 3/4"		TOP SELLER
			Long stroke knife tool	34073080						
			VibraCut/Hi Frequency VibraCut knife tool	34046425						
			Recip./MP HF knife tool	34053207	42441634	BLD-SR6307	Offers less over-cut than the SR6310 but is more slender and may deliver a less accurate cut on curves when cutting heavy board grades	20mm 3/4"		
			Long stroke knife tool	34073080						
			VibraCut/Hi Frequency VibraCut knife tool	34046425						

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

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

Blade optimized for cutting soft sandwich materials.

			Recip./MP HF knife tool	34053207	42449504	BLD-SR6315	A more slender tungsten carbide blade producing less overcut. Good blade for cutting materials like soft foam board.	14mm 9/16" XE*		
			Long stroke knife tool	34073080						
			VibraCut/Hi Frequency VibraCut knife tool	34046425						
			Recip./MP HF knife tool	34053207	42459743	BLD-SR6316	Similar to the SR6315 but even thinner blade optimized for finer details. Blade thickness 0,35mm.	14mm 9/16" XE*		
			Long stroke knife tool	34073080						
			VibraCut/Hi Frequency VibraCut knife tool	34046425						
			Recip./MP HF knife tool	34053207	42460410	BLD-SR6317	Similar to the SR6315-SR6316 but even thinner blade optimized for the finest details. Blade thickness 0,25mm	14mm 9/16" XE*		
			Long stroke knife tool	34073080						
			VibraCut/Hi Frequency VibraCut knife tool	34046425						

Knife Blades

8 mm shaft blades



This blade design gives the tool excellent performance when cutting rigid materials 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 8mm round shaft blades are superior for cutting many different rigid materials and corrugated board with the RM (Rigid Material) knife tools and CorruSpeed both for the Kongsberg XN/XL/V/X and the XP/C platforms.

- The 8mm 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.



hard plastic inlays




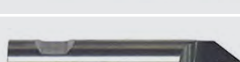



corrugated plastic


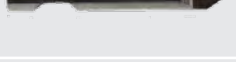

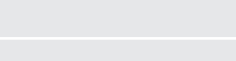


Blade	Double Edge	Round	Diameter	Assymetric
BLD-DR8280A				

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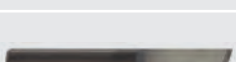
These blades have a centered tip. 0 lag.

		N/A	42447235	BLD-DR8160	Good blade for cutting rigid materials such as different gasket materials, Forex and solid carton board. 0 lag blade	6mm 1/4"		TOP SELLER
		N/A	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	5mm 3/16"		
		N/A	42460394	BLD-SR8170	Long life tungsten carbide blade for thinner flexible materials such as folding carton, polyester film, leather, vinyl, paper. 30° cutting edge	6,5mm 1/4"		
		N/A	42460402	BLD-SR8172	Long life tungsten carbide blade for thinner flexible materials such as folding carton, polyester film, leather, vinyl, paper. 40° cutting edge	4,5mm 3/16"		
		N/A	42470153	BLD-SR8174	Long life tungsten carbide blade for corrugated board, folding carton. 30° cutting edge. Modified tip for longer life time, gives marginally more over cut.	4,5mm 3/16"		NEW

These blades are asymmetrically grinded with a centered tip. 0 lag.

		N/A	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 grinding: 0,4-1,5	6,5mm 1/4"	
		N/A	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 grinding: 0,5-1,0	6,5mm 1/4"	
		N/A	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	5mm 3/16"	
		N/A	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	4mm 5/32"	
		N/A	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.	6,5mm 1/4"	
		N/A	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.	4mm 5/32"	

These blades work with 4 mm lag.

		N/A	42450494	BLD-SR8124	Good blade for cutting different plastic corrugated materials. Nominal lag value is 4mm	10mm 3/8"	
		N/A	42455899	BLD-SR8140	Good blade for cutting different foam core materials. Nominal lag value is 4mm	7mm 9/32"	
		N/A	34094458	BLD-SR8160	Good blade for cutting rigid substrates such as different gasket materials, Forex and solid carton board. Nominal lag value is 4mm	13mm 1/2"	
		N/A	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 4mm	8mm 5/16"	
		N/A	34104398	BLD-SR8184	For cutting thin paper and folding carton. Works well on very "fragile" and "porous" materials such as beer coasters with a lot of recycled content. Long life tungsten carbide. Nominal lag value is 4mm	4,5mm 3/16"	

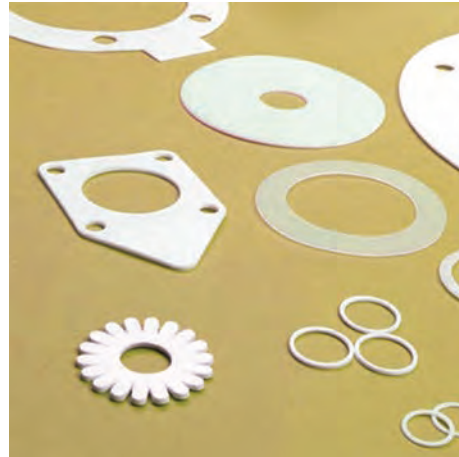
Knife Blades

SFxxx (single edge flat) blades

SFxxx (single edge flat) blades for general purpose cutting.



thin carton tabletop display



gaskets



flexo plates









solid board box

Blade	Single Edge	Flat
BLD-SF238		


XP C	XL XN V X	XE	Tool insert	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 (i-216)	Single-edge blade for soft flexible materials. Used to through-cut paper, vinyl, etc	2-3mm		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	42441220	BLD-SF217 (i-217)	Single-edge blade for soft flexible materials. Used to through-cut paper, vinyl, etc. The more pointed edge reduces overcuts	2-3mm		TOP SELLER
			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 lifetime 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 lifetime 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 (i-230)	Mat cutting, frame cutting, passpartout and more. This is a single edge design.	2mm 5/64"		
			Vibracut/HF VibraCut	34050880						
			Static knife tool VariCut knife	34048785						
			Static knife single edge	34044172	42458372	BLD-SF231 (i-231)	Mat cutting, frame cutting, passpartout w/ small radius and more. This is a single edge design with a flat tip.	2mm 5/64"		
			Vibracut/HF VibraCut	34050880						
			Static knife tool VariCut knife	34048705						

XP C	XL XN V X	XE	Tool insert	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.

			Static knife single edge	34044172	42458380	BLD- SF233 (i-233)	Mat cutting, frame cutting, passpartout w/ small radius and more. This is a asymmetric single edge design with a flat tip.	5mm - .19"	
			Vibracut/HF VibraCut	34050880					
			Static knife tool VariCut knife	34048785					

Blades optimized for cutting corrugated board with high recycled content; can also perform well in foam board.



			Reciprocating knife tool	34001925	42416644	BLD- SF125	For corrugated board up to and including TW. Precision ground edge. Made of high speed steel, which will last longer than conventional steel. Used by customers who need to cut corrugated with high recycle content, or those wanting longer blade lifetime	16mm 5/8"	
			Static knife TW	34012575					

Blades for cutting rubber and similar materials



			MP HF knife tool	34044107	42421974	BLD- SF420 (i-420)	Tungsten carbide steel, precision ground edge. For high performance and long lifetime in rubber materials	10mm 3/8"	
			Vibracut/HF VibraCut	34047241					
			Hi-force knife tool	34046557					
			MP HF knife tool	34044107	42458257	BLD- SF421 (i-421)	Corrugated stock, foam board and more. for oscillate knife with a 5°/25° cut angle, a single edge design	10mm 3/8"	
			Vibracut/HF VibraCut	34047241					
			Hi-force knife tool	34046557					
			MP HF knife tool	34044107	42458265	BLD- SF422 (i-422)	Corrugated stock, foam board and more. for oscillate knife with a 10°/25° cut angle, a single edge design	10mm 3/8"	
			Vibracut/HF VibraCut	34047241					
			Hi-force knife tool	34046557					
			MP HF knife tool	34050401	42458273	BLD- SF425 (i-425)	Card stock, rubber and more. This is an oscillate knife with a 10°/25° cut angle, a single edge design, flat tip	6mm 1/4"	
			MP HF knife tool	34050401	42458281	BLD- SF426 (i-426)	Card stock, rubber and more. This is an oscillate knife with a 10°/25° cut angle, a single edge design, flat tip	6mm 1/4"	
			MP HF knife tool	34044107	42458299	BLD- SF427 (i-427)	cutting textiles, fabrics, fibrous tissues. This is an oscillate knife with a 10°/25° cut angle, a single edge design, flat tip.	10mm 3/8"	
			Vibracut/HF VibraCut	34047241					
			Hi-force knife tool	34046557					

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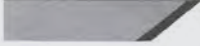
Blades for cutting rubber and similar materials

			MP HF knife tool	34044107	42458307	BLD-SF428 (i-428)	Corrugated stock, foam board. This is an oscillate knife with a 4'/45' cut angle, a single edge design, flat tip.	23mm .90"	
			MP HF knife tool	34044107	42458315	BLD-SF429 (i-429)	Soft Materials, foam board and more. This is an oscillate knife with a 3.5'/45' cut angle, a single edge design.	29mm 1.10"	


Blades for cutting in 45 degrees angle with the Bevel knife tool

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



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 samplemaking.	10mm 3/8"	
					42423871	BLD-SF320	Specially designed TC blades for gasket cutting, but may be useful for other applications such as corrugated samplemaking.	10mm 3/8"	
					42423863	BLD-SF311	The blade is well suited for cutting highly abrasive materials that are not very hard	7mm 9/32"	
					42423889	BLD-SF321	The blade is well suited for cutting highly abrasive materials that are not very hard	7mm 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 degrees	7mm 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 degrees	7mm 9/32"	
			HF VibraCut	34089995					

Blades for cutting foam core board materials

			Static knife double edge	34044206	42458398	BLD-SF246 (i-246)	Foam core board blade for double- edge insert	10mm 3/8"	
			Static knife double edge	34044206	42458406	BLD-SF346 (i-346)	Soft and rigid foam blade for double- edge insert with 45' edge.	10mm 3/8"	

Knife Blades

SR6xxx/DR6 (single/double edge round 6mm) static cutting blades



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 6mm 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).



folding carton package






thin plastic cards

Blade	Single Edge	Round	Diameter
BLD-SR6150			



* This new tool can take all the knife blades in this category.

XP C	XL XN V X	XE	Tool insert	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.	5mm 3/16"		TOP SELLER
			VariCut Knife tool	34061135						
			Static Knife tool	34061135						
			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.	5mm 3/16"		
			VariCut Knife tool	34061135						
			Static Knife tool	34061135						
			Psaligraphy Knife tool*	N/A						
			Static Knife tool	34061135						
			VariCut Knife tool	34061135						
			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	5mm 3/16"		
			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.	5mm 3/16"		TOP SELLER
			VariCut Knife tool	34061135						
			Static Knife tool	34061135						
			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.	3mm 1/8"		
			VariCut Knife tool	34061135						
			Static Knife tool	34061135						
			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 rigid materials such as solid carton, vinyl, plastics. 2x40* cutting angle. Asymmetric knife blade that pushes all burrs and waste to one side.	3mm 1/8"		
			VariCut Knife tool	34061135						
			Static Knife tool	34061135						
			Psaligraphy Knife tool*	N/A						
			Hi-Force Knife tool	34068759	42458828	BLD-SR6159A	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's and waste to one side.	3mm 1/8"		
			VariCut Knife tool	34061135						
			Static Knife tool	34061135						
			Psaligraphy Knife tool*	N/A						

Knife Blades

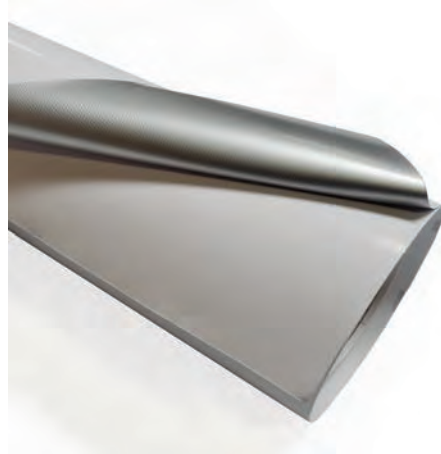
KC1xx (kiss cut) blades



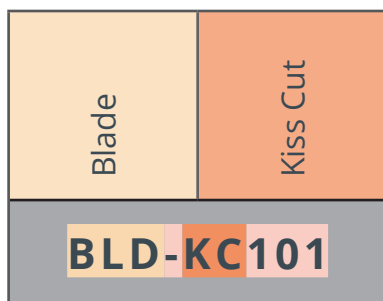
KC1xx (kiss cut) blades for cutting various thin materials like adhesive foils, paper etc. The blades are kept in the tool body with a friction lock.



adhesive vinyl decals


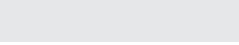

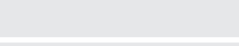
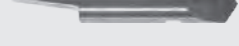
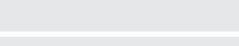
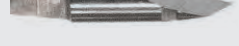
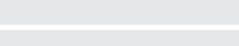
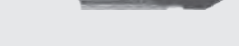
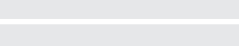
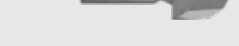
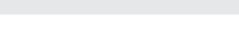


reflective vinyl roll



XP C	XL XN V x	XE	Tool insert/unit	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
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Blades optimized for kiss cutting various thinner flexible materials

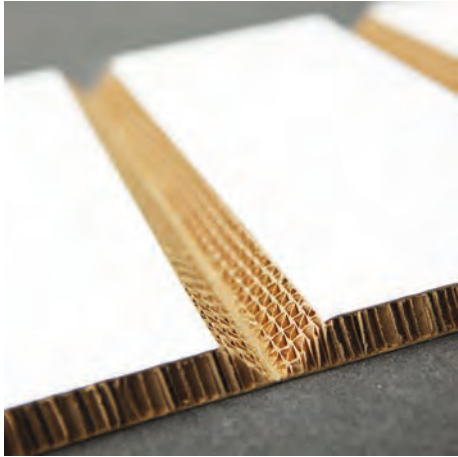
			PressCut tool	N/A	42438499	BLD-KC101 (i-101)	General purpose kiss-cutting blade for standard thickness adhesive foils. Its properties allow secure separation of foil and adhesive, to facilitate weeding	1mm 1/25"			TOP SELLER
			Kiss Cut knife tool								
			PressCut tool	N/A	42438507	BLD-KC102 (i-102)	Sharper-edged blade for thicker, tougher adhesive foils, such as reflex foil	1mm 1/25"			
			Kiss Cut knife tool								
			PressCut tool	N/A	42458323	BLD-KC103 (i-103)	Masking Film. This is a vinyl knife with a 40°/35° cut angle, a double edge design.	1mm 1/25"			
			Kiss Cut knife tool								
			PressCut tool	N/A	42447532	BLD-KC104 (i-104)	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	1mm 1/25"			
			Kiss Cut knife tool								
			PressCut tool	N/A	42458331	BLD-KC105 (i-105)	Rubber, Cardboard, diamond grade and more. This is a vinyl Knife, with a 20°/55° cut angle, a single edge design. and adhesive, to facilitate weeding	1mm 1/25"			
			Kiss Cut knife tool								
			PressCut tool	N/A	42458349	BLD-KC154 (i-154)	Thicker vinyl, diamond grade, carton, polyester fabric and more. This is a vinyl knife with a 30°/30° cut angle, a single edge, long design and adhesive, to facilitate weeding	1mm 1/25"			
			Kiss Cut knife tool								

Knife Blades

Special purpose heavy-duty flat blades



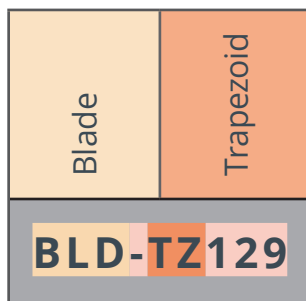
Special purpose heavy-duty flat blades, TZ1xx, TZ5xx, (Trapezoid), DF5, (double flat), SF29x (single flat)



Re-board sheet with v-notch





Re-board display





XP C	XL XN V X	Tool insert	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 17mm. Made from a special tungsten carbide alloy, to extend cutting cycles. Thickness 0.6mm - .024"	17mm 43/64"	
		HD tool 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 17mm. Made from a special tungsten carbide alloy, to extend lifetime. Thickness 0.9mm .035"	17mm 43/64"	
		HD tool 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 0.9mm - .035"	17mm 43/64"	
		HD tool 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 0.6mm - .024"	17mm 43/64"	
		HD tool 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 30mm -1.18". Tungsten carbide steel material with precision ground edge	30mm 13/16"	
		HD tool 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.

	XL XN V X	All insert positions on XN / XL / V tool heads	VI45-16 and VI30-16 V-Notch tool insert	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 lifetime. Thickness 0.9mm - .035"	16mm 5/8"	
	XL XN V X	All insert positions on XN / XL / V tool heads	VI45-16 and VI30-16 V-Notch tool insert	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 lifetime. Thickness 0.6mm - .023".	16mm 5/8"	

XP C	XL XN X	Tool insert	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
	XL XN V X	All insert positions on XN / XL / V tool heads	VI45-16 and VI30-16 V-Notch tool insert	34102988	BLD- DF572	Specially made double angle arrow shaped, blade for the Vxxx-16 V-notch insert tools. 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 lifetime. Thickness 0.6mm - .023"	16mm 5/8"	
	XL XN V X	All insert positions on XN / XL / V tool heads	VI45-10 V-Notch tool insert	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 lifetime. Thickness 0.6mm - .023".	12mm 3/8"	
	XL XN V X	All insert positions on XN / XL / V tool heads	VI45-10 V-Notch tool insert	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 lifetime. Thickness 0.6mm - .023"	12mm 3/8"	

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

	XL XN V X	All insert positions on XN / XL / V tool heads	RB90 tool insert	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 lifetime. Thickness 0.9mm - .035"	16mm 5/8"	
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Buy your Kongsberg bits & blades

Knife Blades

DFxxx (double-edge flat) and RCxxx (rota cut) blades



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

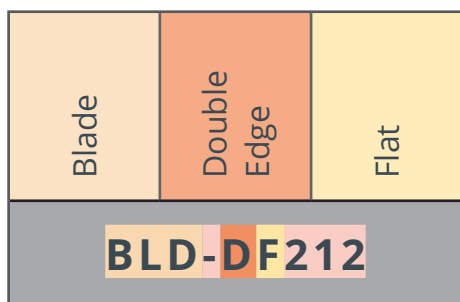
These are long lasting tungsten carbide blades for maximum performance.



paper invitations


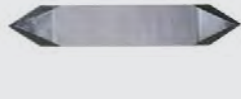


contour cut textile display

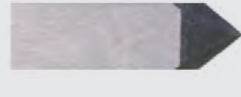



XP C	XL XN V X	XE	Tool insert	Adapter	Blade part no.	Blade name	Description	Max cutting	Picture
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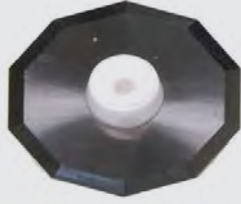
Double-edge blades with a centered tip. Have grinded edge on both

			Static knife double	34044206	42441196	BLD-DF212 (i-312)	General-purpose, double-sided, 80° sword knife blade for flexible materials. Used for through-cutting paper, cardboard, vinyl, thin plastics, styrene, etc	5mm 3/16"	
			Heavy duty Insert for PowerHead / HD unit	34089904					
			Static knife double	34044206	42441204	BLD-DF213 (i-313)	General-purpose, double-sided, 60° sword knife blade for flexible materials. Used for through-cutting paper, cardboard, vinyl, thin plastics, styrene, etc.	5mm 3/16"	
			Heavy duty Insert for PowerHead / HD unit	34089904					

Half-length double-edge blades with a centered tip.

			Hi-Force knife tool	34057356	42444299	BLD-DF112 (i-308)	General-purpose, double-sided, 80° sword knife blade for flexible materials. Used for through-cutting paper, cardboard, vinyl, thin plastics, styrene, etc	5mm 3/16"	
			Static knife tool	34053686					
			VariCut tool						
			Hi-Force knife tool	34057356	42443036	BLD-DF113 (i-309)	General-purpose, double-sided, 60° sword knife blade for flexible materials. Used for through-cutting paper, cardboard, vinyl, thin plastics, styrene, etc.	5mm 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 25mm diameter. For use on textile materials with the RotaCut tool	1,5mm 1/16"	
			RotaCut tool for XE/ XP/C						

Knife Blades

SR6xxx (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.



dense foam printed sign




protective packaging

Blade	Single Edge	Round	Diameter
BLD-SR6313			




XP C	XL XtN X	Tool insert	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 ¼" thickness



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

TOP SELLER

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

		Foam Head	34057745	42444877	BLD-SR6521	Blade for max. 55mm 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	55mm 2 1/8"	
		Foam Unit						
		Foam Head	34057745	42444885	BLD-SR6522	Blade for max. 55mm material thickness. 3.7° cutting angle enables fine cutting details. Pointed tip for use with felt underlays	55mm 2 1/8"	
		Foam Unit						
		Foam Head	34057745	42444893	BLD-SR6523	Blade for max. 55mm material thickness. 3.7° cutting angle enables fine cutting details. Flattened tip to increase cutting speed and protect PVC cutting underlays	55mm 2 1/8"	
		Foam Unit						

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

		Foam Head	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	80mm 3 1/8"	
		Foam Head	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	80mm 3 1/8"	

Knife Blades

SR6xxx (single edge round 6 mm) serrated blades

SR6xxx (single edge round 6mm) 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 XL and XN, 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 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.



thick Re-board







honeycomb signs

Blade	Single Edge	Round	Diameter
BLD-SR6351			

XP C	XL XN	Tool insert	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 ¼" 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 gets less hot. Thickness 1 mm - 1/25", pointed edge for use with felt underlay.	32mm 1 1/4"	
		Foam Head	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 gets less hot. Thickness 1 mm - 1/25", flattened tip to increase cutting speed and protect PVC cutting underlays	32mm 1 1/4"	
		Foam Head	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 gets less hot. Thickness 1,5 mm - .006", pointed edge for use with felt underlay.	32mm 1 1/4"	
		Foam Head	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 gets less hot. Thickness 1,5 mm - .006", flattened tip to increase cutting speed and protect PVC cutting underlays	32mm 1 1/4"	
		Foam Head	34057125					
		Foam Unit						

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

		Foam Head	34057745	42456962	BLD-SR6551	The serrated edge cuts with less friction between blade and material than a smooth edge. Thus, the blade gets less hot. Thickness 1 mm - 1/25", pointed edge for use with felt underlays.	55mm 2 1/8"	
		Foam Unit						
		Foam Head	34057745	42456970	BLD-SR6552	The serrated edge cuts with less friction between blade and material than a smooth edge. Thus, the blade gets less hot. Thickness 1,5 mm - .006", pointed tip for use with felt underlays.	55mm 2 1/8"	
		Foam Unit						
		Foam Head	34057745	42456988	BLD-SR6553	The serrated edge cuts with less friction between blade and material than a smooth edge. Thus, the blade gets less hot. Thickness 1 mm - 1/25", flattened tip to increase cutting speed and protect PVC cutting underlays.	55mm 2 1/8"	
		Foam Unit						

Knife Blades

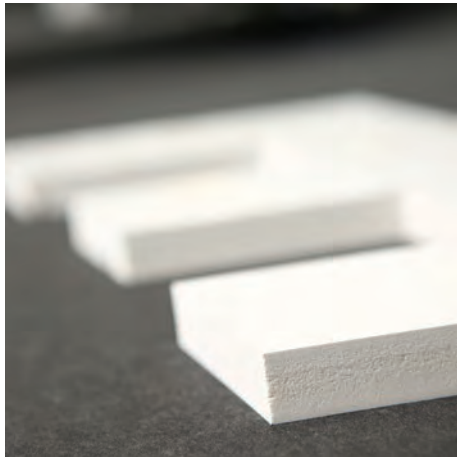
SFxxx (single edge flat) foam blades

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

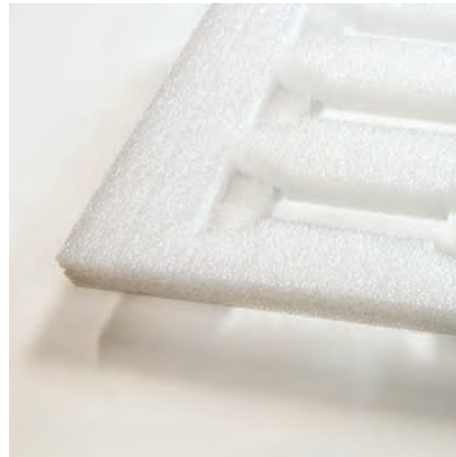


These blades are made of HSS steel, which means it is less expensive and also offers less tendency to snag compared to tungsten carbide.

Our oscillating foam cutting tools are optimized to work with these knife blades with regards to stroke amplitude and frequency. For the XL and XN, these tools require high (95mm) traverse clearance. When working with these tools and blades, you can often achieve better productivity with the 5,5mm felt cutting underlay.



dense foam sign letters





protective packaging



Blade	Single Edge	Flat	Diameter
BLD-SF505			

XP C	XL XN X	Tool insert	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 ¼" thickness

		Foam Knife	34010330	42423251	BLD-SF501	Excellent general purpose foam knife - very sharp and durable	40mm 1 9/16"	
		Foam Head	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	40mm 1 9/16"	
		Foam Head	34014845					
		Foam Unit						

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

		Foam Head	34014803	42423293	BLD-SF505	Excellent general-purpose knife - very sharp and durable	60mm 2 3/8"	
		Foam Unit						
		Foam Head	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	60mm 2 3/8"	
		Foam Unit						

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

		Foam Head	34002659	34012716	BLD-SF509	Specialty blade for the FoamHead. Excellent general-purpose foam knife - very sharp and durable. Cuts up to 86mm [3 3/8"] thick material	86mm 3 3/8"	
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Knife Blades

SFxxx (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 XN and XL 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.



Re-board point of purchase display





Re-board furniture



Blade	Single Edge	Flat
BLD-SF507		

XC	XL XN x	Tool insert	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 40mm -1 9/16" thickness

		Foam Knife	34010330	42423277	BLD-SF503	Designed for cutting paper honeycomb material. Suitable also for some dense foam materials, which are vulnerable to melting. The serrated edge cuts with less friction between blade and material than a smooth edge. Thus, the blade gets less hot.	40mm 1 9/16"	
		Foam Head	34014845					
		Foam Unit						
		Foam Knife	34010330	42423285	BLD-SF504	This blade has the same advantages as SF503. 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	40mm 1 9/16"	
		Foam Unit						

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

		Foam Head	34014803	42423319	BLD-SF507	Designed for cutting paper honeycomb material. Suitable also for some dense foam materials that are vulnerable to melting. The serrated edge cuts with less friction between blade and material than a smooth edge. Thus, the blade gets less hot.	60mm 2 3/8"	
		Foam Unit						
		Foam Head	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	60mm 2 3/8"	
		Foam Unit						

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

		Foam Head	34002659	34019497	BLD-SF511	Honeycomb and foam knife with serrated edge. Very sharp and durable. Cuts up to 86mm [3 3/8"] thick material	86mm 3 3/8"	
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Knife Blades

SFxxx (single edge flat) standard blades

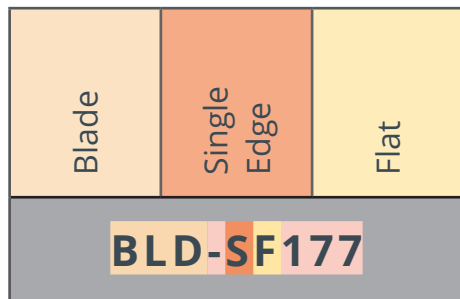
SFxx (single edge flat) standard blades for cutting in different materials.



paper beer coasters



folding carton package



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.

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.



back printed acrylic



contour cut pvc

Bit	Multi Purpose	Up Cut	Single flute	Shank diameter	Tip diameter	Flute length	Total length
BIT-MUS06-3512-50							

Milling Bits

6mm Up Cut Bit

6mm Up Cut Bit Coated

6mm Up Cut Bit Double Flute

HSMU = 1kW

HPMU = 3kW





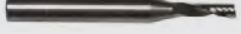






*V max RPM = 45'

MultiCUT Ibag = 1kW




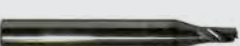
MultiCUT V = 1kW max RPM 45'







MultiCUT Kavo = 1kW

MultiCUT HP = 3kW

C Milling	XP Milling	XN/XL Milling X	V Milling X starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC V	42444067	42437913	BIT-MUS06-2006-50 (i-3854)	Multi purpose, up-cut, single flute bit.	5mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42443531	BIT-MUS06-2506-50	Multi purpose, up-cut, single flute bit.	5mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42443549	BIT-MUS06-3006-50	Multi purpose, up-cut, single flute bit.	5mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42437905	BIT-MUS06-3011-50 (i-3816 i-3862 i-3866)	Multi purpose, up-cut, single flute bit.	10mm 3/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42443556	BIT-MUS06-3512-50	Multi purpose, up-cut, single flute bit.	10mm 3/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42459537	BIT-MUS06-3014-50	Multi purpose, up-cut, single flute bit.	13mm 1/2"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42443564	BIT-MUS06-4006-50	Multi purpose, up-cut, single flute bit.	5mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	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 V	42444067	42443572	BIT-MUS06-4022-50 (i-3824 i-3874)	Multi purpose, up-cut, single flute bit.	20mm 13/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42451062	BIT-MUS06-5012-50	Multi purpose, up-cut, single flute bit.	10mm 3/8"	Max 40'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728					Max 60'	
	HSMU	MC Ibag	MC V	42444067	42443598	BIT-MUS06-5022-58	Multi purpose, up-cut, single flute bit.	20mm 13/16"	Max 40'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728					Max 60'	
	HSMU	MC Ibag	MC V	42444067	42458802	BIT-MUS06-5020-52 (i-3880)	Multi purpose, up-cut, single flute bit.	20mm 13/16"	Max 50'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728					Max 60'	

TOP SELLER

C Milling	XP Milling	XN/XL Milling X	V Milling X starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture	
	HSMU	MC Ibag	MC V	42444067	42451070	BIT- MUS06-6012-50 (i-5854)	Multi purpose, up-cut, single flute bit.	10mm 3/8"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	42444067	42442715	BIT- MUS06-6022-58 (i-3888)	Multi purpose, up-cut, single flute bit.	20mm 13/16"	Max 40'		TOP SELLER
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	42444067	42438077	BIT- MUS06-6032-64 (i-3889)	Multi purpose, up-cut, single flute bit.	30mm 1 3/16"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	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.	5mm 3/16"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	42444067	42451096	BIT-MUS06-2006- 50C2	Multi purpose, up-cut, single flute, Special variety of multi purpose milling bit, premium coating for better performance and life time in different materials like aluminum and ACM. Helix 30 degree	5mm 3/16"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	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.	5mm 3/16"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	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 time in different materials like aluminum and ACM. Helix 30 degree	5mm 3/16"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							

C Milling	XP Milling	XN/XL Milling X	V Milling X starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture	
	HSMU	MC Ibag	MC V	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.	5mm 3/16"	Max 60'		TOP SELLER
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	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 time in different materials like aluminum and ACM. Helix 30 degree	5mm 3/16"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	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.	10mm 3/8"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	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 time in different materials like aluminum and ACM. Helix 30 degree	10mm 3/8"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	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 time in different materials like aluminum and ACM. Helix 30 degree	10mm 3/8"	Max 40'		NEW
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	42444067	42455857	BIT-MUD06-4016-64 (i-2624)	Multi purpose, up-cut, double flute bit.	14mm 9/16"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	42444067	42455865	BIT-MUD06-6025-64 (i-2626)	Multi purpose, up-cut, double flute bit.	23mm 7/8"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728							

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.



plastic standing display



MultiCUT

Bit	Multi Purpose	Down Cut	Single flute	Shank diameter	Tip diameter	Flute length	Total length
BIT-MDS06-4012-50							

*V max RPM = 45'

Up Cut Bit Down Cut bit HSMU = 1kW HPMU = 3kW

MultiCUT Ibag = 1kW MultiCUT V = 1kW, max RPM = 45' MultiCUT Kavo = 1kW MultiCUT HP = 3kW

C Milling	XP Milling	XN/XL/X Milling	V Milling X starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC V	02721314	42449355	BIT-MDS06-2004-50 (i-2854)	Multi purpose, down-cut, single flute bit.	3mm - 1/8"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	02721314	42449363	BIT-MDS06-3006-50	Multi purpose, down-cut, single flute bit.	5mm 3/16"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	02721314	42447342	BIT-MDS06-3011-50 (i-2862 i-2866)	Multi purpose, down-cut, single flute bit.	10mm 3/8"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	02721314	42449371	BIT-MDS06-4008-50	Multi purpose, down-cut, single flute bit.	7mm 9/32"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	02721314	42458810	BIT-MDS06-2008-64 (i-2804)	Multi purpose, down-cut, single flute bit.	7mm 9/32"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	02721314	42449389	BIT-MDS06-4012-50 (i-2874)	Multi purpose, down-cut, single flute bit.	10mm 3/8"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	02721314	42447359	BIT-MDS06-5022-60 (i-2880)	Multi purpose, down-cut, single flute bit.	20mm 13/16"	Max 40'	
		MC Kavo		42444067					Max 60'	
HPMU	HPMU	MC HP		42454728					Max 60'	
	HSMU	MC Ibag	MC V	02721314	42458414	BIT-MDS06-6020-64 (i-2888)	Sintra, Styrene, Acrylic, Polycarbonate, Di-bond, with top print/laminate	20mm 13/16"	Max 50'	
		MC Kavo		42444067					Max 60'	
HPMU	HPMU	MC HP		42454728					Max 60'	
	HSMU			02721314	42458422	BIT-MDS06-6030-64 (i-2889)	Routing - for soft/hard plastic Sintra, Styrene, Acrylic, Di-bond, i.e. w/ top print/laminated	30mm 1 3/16"	Max 50'	
HPMU	HPMU			42454728					Max 60'	

Milling Bits

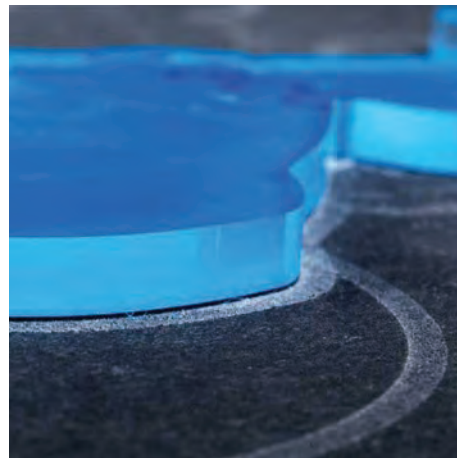
6 and 8 mm super sharp milling bits (up cut)



Our 6mm 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 grinded / polished for an optimized routing surface.



acrylic



acrylic

Bit	Acrylic	Up Cut	Single flute	Shank diameter	Tip diameter	Flute length	Total length
BIT-AUS06-4022-50							

*V max RPM = 45'

6mm Up Cut Bit 8mm Up Cut Bit HSMU = 1kW HPMU = 3kW

MultiCUT Ibag = 1kW MultiCUT V = 1kW max RPM 45' MultiCUT Kavo = 1kW MultiCUT HP = 3kW

C Milling	XP Milling	XN/XL/X Milling	V Milling X Starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture	
	HSMU	MC Ibag	MC V	42444067	42437897	BIT-AUS06-2006-50	Acrylic (super sharp), up-cut, single flute bit.	5mm - 3/16"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	42444067	42445916	BIT-AUS06-3006-50	Acrylic (super sharp), up-cut, single flute bit.	5mm - 3/16"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	42444067	42437889	BIT-AUS06-3011-50	Acrylic (super sharp), up-cut, single flute bit.	10mm - 3/8"	Max 60'		TOP SELLER
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	42444067	42458992	BIT-AUS06-3014-50	Acrylic (super sharp), up-cut, single flute bit.	13mm - 1/2"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	42444067	42449439	BIT-AUS06-3022-50	Acrylic (super sharp), up-cut, single flute bit.	20mm 13/16"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	42444067	42445924	BIT-AUS06-4008-50	Acrylic (super sharp), up-cut, single flute bit.	7mm - 9/32"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	42444067	42437848	BIT-AUS06-4012-50	Acrylic (super sharp), up-cut, single flute bit.	10mm - 3/8"	Max 60'		TOP SELLER
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	42444067	42442665	BIT-AUS06-4022-50	Acrylic (super sharp), up-cut, single flute bit.	20mm 13/16"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	42444067	42451047	BIT-AUS06-5012-50	Acrylic (super sharp), up-cut, single flute bit.	11mm - 3/8"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728					Max 60'		
	HSMU	MC Ibag	MC V	42444067	42443762	BIT-AUS06-5022-58	Acrylic (super sharp), up-cut, single flute bit.	20mm 13/16"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728					Max 60'		
	HSMU	MC Ibag	MC V	42444067	42451054	BIT-AUS06-6012-50	Acrylic (super sharp), up-cut, single flute bit.	11mm - 3/8"	Max 40'		
		MC Kavo		02721314					Max 60'		
HPMU	HPMU	MC HP		42454728					Max 60'		

Milling Bits

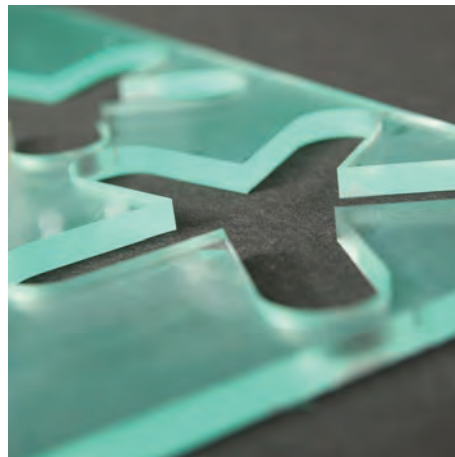
6 mm super sharp milling bits (down cut)



Our 6 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 grinded / polished for an optimized routing surface.







polystyrene core sign



acrylic

Bit	Acrylic	Down Cut	Single flute	Shank diameter	Tip diameter	Flute length	Total length
BIT-ADS06-4012-60							

C Milling	XP Milling	XN/XL/X Milling	V Milling X Starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC V	42444067	42442707	BIT-AUS06-6022-58	Acrylic (super sharp), up-cut, single flute bit.	20mm 13/16"	Max 40'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42438069	BIT-AUS06-6032-64	Acrylic (super sharp), up-cut, single flute bit.	30mm - 1 1/8"	Max 40'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728						
HPMU	HPMU			42454736	42454561	BIT-AUS08-8042-76	Acrylic (super sharp), up-cut, single flute bit.	40mm - 1 1/2"	Max 30'	
HPMU	HPMU			42454736	42454579	BIT-AUS08-8055-90	Acrylic (super sharp), up-cut, single flute bit.	50mm - 2"	Max 30'	

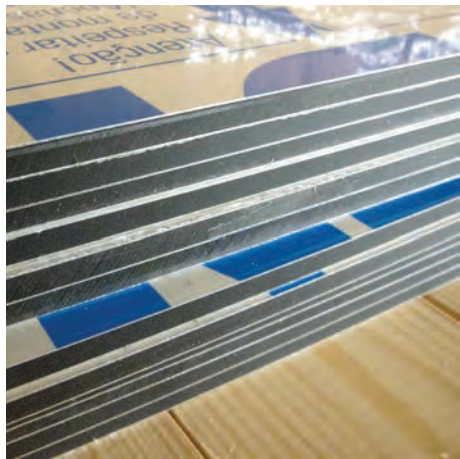
TOP SELLER

Milling Bits

6 mm soft metal single flute bits (up cut)



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.



ACM



aluminum sign letters

Bit	Soft Metals	Up Cut	Single flute	Shank diameter	Tip diameter	Flute length	Total length
BIT-SUS06-4020-64							

Up Cut Bit Down Cut bit HSMU = 1kW HPMU = 3kW

*V max RPM = 45'

MultiCUT Ibag = 1kW MultiCUT V = 1kW max RPM 45' MultiCUT Kavo = 1kW MultiCUT HP = 3kW

C Milling	XP Milling	XN/XL/X Milling	V Milling X Starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC V	42444067	42449488	BIT- ADS06-2006-50	Acrylic (super sharp), down-cut, single flute bit.	5mm - 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42445932	BIT- ADS06-3006-50	Acrylic (super sharp), down-cut, single flute bit.	5mm - 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42443358	BIT- ADS06-3011-50	Acrylic (super sharp), down-cut, single flute bit.	10mm - 3/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42445940	BIT- ADS06-4008-50	Acrylic (super sharp), down-cut, single flute bit.	7mm - 9/32"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42445957	BIT- ADS06-4012-50	Acrylic (super sharp), down-cut, single flute bit.	11mm - 3/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42442756	BIT- ADS06-5022-60	Acrylic (super sharp), down-cut, single flute bit.	20mm 13/16"	Max 40'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728					Max 60'	

Milling Bits

6 mm soft metal single flute bits (down cut)



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.



printed ACM







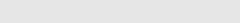

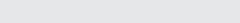
ACM Sign

Bit	Soft Metals	Down Cut	Single flute	Shank diameter	Tip diameter	Flute length	Total length
BIT-SDS06-4020-64							

Up Cut Bit Down Cut bit HSMU = 1kW HPMU = 3kW

*V max RPM = 45'

MultiCUT Ibag = 1kW MultiCUT V = 1kW max RPM 45' MultiCUT Kavo = 1kW MultiCUT HP = 3kW

C Milling	XP Milling	XN/XL/X Milling	V Milling X starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC V	02721314	42458463	BIT- SUS06-3012-64 (i-3916)	Aluminum, hard laminate with top print/laminate or blank	12mm 15/32"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	02721314	42458471	BIT- SUS06-4020-64 (i-3924)	Aluminum, hard laminate with top print/laminate or blank	20mm 13/16"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	02721314	42458489	BIT- SUS06-5016-64 (i-3930)	Aluminum, hard laminate with top print/laminate or blank	16mm 3/8"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	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.	5mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	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 time in different materials like aluminum and ACM. Helix 30 degree	5mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	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.	5mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	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 time in different materials like aluminum and ACM. Helix 30 degree	5mm 3/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						

NEW

NEW

Up Cut Bit Down Cut bit HSMU = 1kW HPMU = 3kW

*V max RPM = 45'




MultiCUT Ibag = 1kW

MultiCUT V = 1kW max RPM 45'

MultiCUT Kavo = 1kW

MultiCUT HP = 3kW

C Milling	XP Milling	XN/XL/X Milling	V Milling X starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture	
	HSMU	MC Ibag	MC V	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.	5mm 3/16"	Max 60'		TOP SELLER
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	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 time in different materials like aluminum and ACM. Helix 30 degree	5mm 3/16"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	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.	10mm 3/8"	Max 60'		
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	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 time in different materials like aluminum and ACM. Helix 30 degree	10mm 3/8"	Max 60'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728							
	HSMU	MC Ibag	MC V	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 time in different materials like aluminum and ACM. Helix 30 degree	10mm 3/8"	Max 40'		NEW
		MC Kavo		02721314							
HPMU	HPMU	MC HP		42454728					Max 60'		

C Milling	XP Milling	XN/XL /X Milling	V Milling X Starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC V	02721314	42458430	BIT- SDS06-3012-64 (i-2916)	Aluminum, hard laminate with top print/laminate	12mm 15/32"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	02721314	42458448	BIT- SDS06-4020-64 (i-2924)	Aluminum, hard laminate with top print/laminate	20mm 13/16"	Max 60'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	02721314	42458455	BIT- SDS06-5016-64 (i-2930)	Aluminum, hard laminate with top print/laminate	16mm 5/8"	Max 50'	
		MC Kavo		42444067						
HPMU	HPMU	MC HP		42454728					Max 60'	

Milling Bits

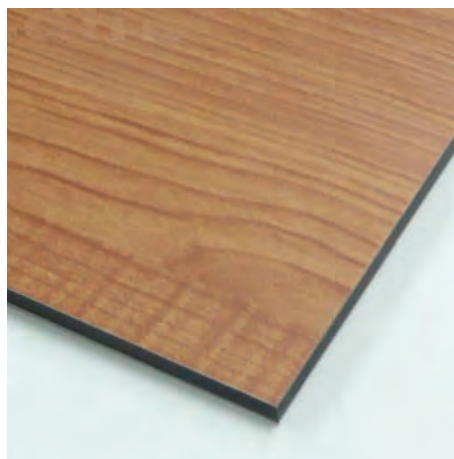
6 mm wood double flute bits (up cut)



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.



wood signs



wood composite

Bit	Wood	Up Cut	Double flute	Shank diameter	Tip diameter	Flute length	Total length
BIT-WUD06-4016-64							

Up Cut Bit Down Cut bit HSMU = 1kW HPMU = 3kW

*V max RPM = 45'

MultiCUT Ibag = 1kW MultiCUT V = 1kW max RPM 45' MultiCUT Kavo = 1kW MultiCUT HP = 3kW

C Milling	XP Milling	XN/XL/X Milling	V Milling X Starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC V	02721314	42458497	BIT-WUD06-4016-64 (i-5210)	Soft hard composite wood with top print laminate.	16mm 5/8"	Max 50'	
		MC Kavo		42444067					Max 60'	
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	02721314	42458752	BIT-WUD06-6025-64 (i-5212)	Soft hard composite wood with top print laminate.	25mm 1"	Max 50'	
		MC Kavo		42444067					Max 60'	
HPMU	HPMU	MC HP		42454728						

Milling Bits

6 mm wood double flute bits (down cut)



6mm multi purpose bits are ideal for milling wood and wood composite materials. See chart for more details on milling diameter, milling thickness and recommended RPM.



wood



printed wood sign

Bit	Wood	Down Cut	Double flute	Shank diameter	Tip diameter	Flute length	Total length
BIT-WDD06-4016-64							

Up Cut Bit Down Cut bit HSMU = 1kW HPMU = 3kW

*V max RPM = 45'

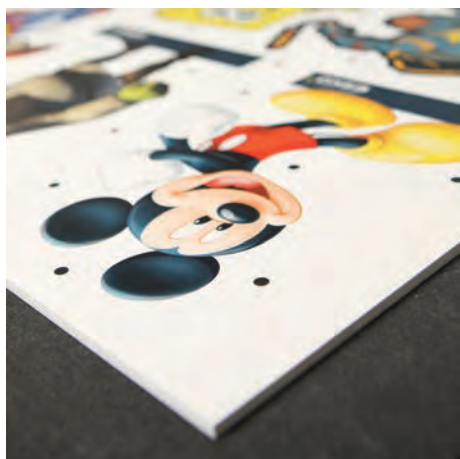
MultiCUT Ibag = 1kW MultiCUT V = 1kW max RPM 45' MultiCUT Kavo = 1kW MultiCUT HP = 3kW

C Milling	XP Milling	XN/XL/X Milling	V Milling X Starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC V	02721314	42458760	BIT-WDD06-4016-64 (i-5710)	Soft hard composite wood with top print laminate	16mm 5/8"	Max 50'	
		MC Kavo		42444067					Max 60'	
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	02721314	42458778	BIT-WDD06-6025-64 (i-5712)	Soft hard composite wood with top print laminate	25mm 1"	Max 50'	
		MC Kavo		42444067					Max 60'	
HPMU	HPMU	MC HP		42454728						

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.



printed pvc with fine detail





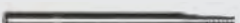




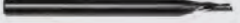


fine detailed aluminum sign

Bit	Multi Purpose	Up Cut	Single flute	Shank diameter	Tip diameter	Flute length	Total length
BIT-MUS03-2006-38							

Up Cut Bit Down Cut bit HSMU = 1kW HPMU = 3kW

*V max RPM = 45'

MultiCUT = 1kW MultiCUT V = 1kW max RPM 45' MultiCUT HP = 3kW

C Milling	XP Milling	XN/XL/X Milling	V Milling X Starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC	MC V	42444083	42443390	BIT- MUS03-1004-38	Multi purpose, up-cut, single flute bit.	3mm 1/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42443408	BIT- MUS03-1506-38	Multi purpose, up-cut, single flute bit.	5mm 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42443416	BIT- MUS03-2006-38	Multi purpose, up-cut, single flute bit.	5mm 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42443424	BIT- MUS03-2506-38	Multi purpose, up-cut, single flute bit.	5mm - 6/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42443432	BIT- MUS03-3006-38	Multi purpose, up-cut, single flute bit.	5mm - 6/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42443440	BIT- MUS03-3011-38	Multi purpose, up-cut, single flute bit.	10mm 3/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42449306	BIT- MDS03-1002-38	Multi purpose, down- cut, single flute bit.	1,5mm 1/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42449314	BIT- MDS03-1503-38	Multi purpose, down- cut, single flute bit.	2,5mm 3/32"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42449330	BIT- MDS03-3006-38	Multi purpose, down- cut, single flute bit.	5mm 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42449348	BIT- MDS03-3011-38	Multi purpose, down- cut, single flute bit.	10mm 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 grinded / polished for an optimized routing surface.



acrylic with fine detail

Bit	Acrylic	Down Cut	Single flute	Shank diameter	Tip diameter	Flute length	Total length
BIT-ADS06-2008-50							

Up Cut Bit Down Cut bit HSMU = 1kW HPMU = 3kW

*V max RPM = 45'

MultiCUT = 1kW MultiCUT V = 1kW max RPM 45' MultiCUT HP = 3kW

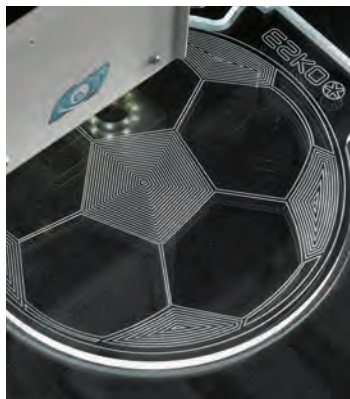
C Milling	XP Milling	XN/XL/X Milling	V Milling X Starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC	MC V	42444083	42443614	BIT-AUS03-1004-30	Acrylic (super sharp), up-cut, single flute bit.	3mm - 1/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42443622	BIT-AUS03-1506-30	Acrylic (super sharp), up-cut, single flute bit.	5mm - 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42443630	BIT-AUS03-2006-30	Acrylic (super sharp), up-cut, single flute bit.	5mm - 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42443648	BIT-AUS03-2008-30	Acrylic (super sharp), up-cut, single flute bit.	7mm - 9/32"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42443655	BIT-AUS03-2011-38	Acrylic (super sharp), up-cut, single flute bit.	10mm - 3/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42443663	BIT-AUS03-2506-30	Acrylic (super sharp), up-cut, single flute bit.	5mm - 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42443671	BIT-AUS03-2511-38	Acrylic (super sharp), up-cut, single flute bit.	10mm - 3/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42443689	BIT-AUS03-3006-30	Acrylic (super sharp), up-cut, single flute bit.	5mm - 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42443697	BIT-AUS03-3011-38	Acrylic (super sharp), up-cut, single flute bit.	10mm - 3/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42443705	BIT-AUS03-3022-50	Acrylic (super sharp), up-cut, single flute bit.	20mm 13/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42449447	BIT-ADS03-1003-38	Acrylic (super sharp), down-cut, single flute bit.	2,5mm 3/32"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42449454	BIT-ADS03-1504-38	Acrylic (super sharp), down-cut, single flute bit.	3mm - 1/8"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42449462	BIT-ADS03-2006-38	Acrylic (super sharp), down-cut, single flute bit.	5mm - 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42445981	BIT-ADS03-3006-38	Acrylic (super sharp), down-cut, single flute bit.	5mm - 3/16"	Max 60'	
HPMU	HPMU	MC HP		42455675						
	HSMU	MC	MC V	42444083	42449470	BIT-ADS03-3011-38	Acrylic (super sharp), down-cut, single flute bit.	10mm - 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.



engraved acrylic



ACM with v-notches
















milled wood radius detail

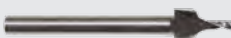
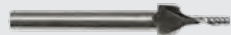






Bit	Engraving Bit	V Shape	Shank Diameter	Angle
BIT-EBV06-40				

Folding Bits	Engraving Bits	Radius Bit	Polishing Bit	Braille Bit	Compression Bit	Straight Cut Bit	HSMU = 1kW	HPMU = 3kW
		MultiCUT Ibag = 1kW	MultiCUT V = 1kW max RPM 45'			MultiCUT Kavo = 1kW	MultiCUT HP = 3kW	

*V max RPM = 45'

C Milling	XP Milling	XN/XL/X Milling	V Milling X Starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC V	42444067	42444398	BIT-EBV06-40 (i-6630)	Engraving bits for acrylics, other synthetic materials and wood. 40 degree. Produces a bottom groove diameter of 0,4mm.	4mm - 5/32"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42444406	BIT-EBV06-60 (i-6660)	Engraving bits for acrylics, other synthetic materials and wood. 60 degree. Produces a bottom groove diameter of 0,4mm	4mm - 5/32"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						

C Milling	XP Milling	XN/XL/X Milling	V Milling X Starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC V	42444067	42444992	BIT-EBV06-46	Special purpose milling bit for making crease lines in polypropylene. 46 degree. Produce a bottom groove diameter of 0,4mm. (ball nose bit)	4mm - 5/32"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42444380	BIT-EBV06-73	Folding tool for aluminum composite material, max 3mm	3mm - 1/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	02731628	BIT-EBV06-94 (i-3772)	Hi-speed folding tool for aluminum composite material, 90 degree, max 4mm. Tip width 0,9mm produce a groove bottom of 1,8mm	4mm - 5/32"	Max 40'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42458141	BIT-EBV06-120	Hi-speed folding tool for aluminum composite material, 120 degree 2 flute. ball nose with tip dia. 1,8mm	4mm - 5/32"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42459719	BIT-EBV06-60-4F	Hi-speed four flute folding tool for grey board and similar materials, max 5,2mm; this tool makes a 60 degree groove.	5,2mm 1/5"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42459727	BIT-EBV06-90-4F	Hi-speed four flute folding tool for grey board and similar materials, max 3mm; this tool makes a 90 degree groove.	3mm - 1/8"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42459735	BIT-EBV06-120-4F	Hi-speed four flute folding tool for grey board and similar materials, max 1,7mm; this tool makes a 120 degree groove.	1,7mm 11/16"	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC ibag	MC V	42444067	42462960	BIT-EBV06-158-5F	five flute engraving bit for wood, MDF, hardboard, flooring etc	0,3mm	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	34092429	BIT-RBO06-04	Radius bit outer 6mm shaft, radius 5mm	4mm - 5/32" pr pass	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	34111567	BIT-RBO06-04-06	Single flute	4 to 6mm 5/32" to 1/4"	Max 40'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	34111575	BIT-RBO06-06-08	Single flute	6 to 8mm 1/4" to 9/32"	Max 40'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						

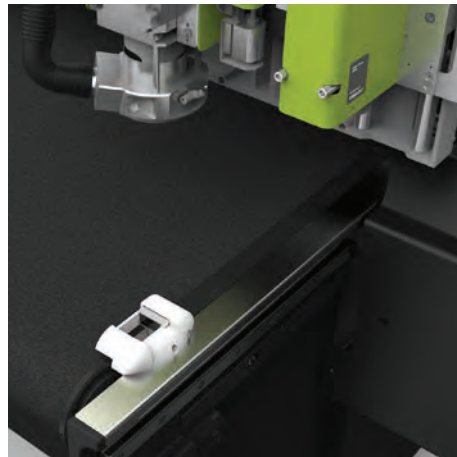
C Milling	XP Milling	XN/XL/X Milling	V Milling X Starter	Collets part no.	Bit part no.	Bit name	Description	Max milling	Max RPM	Picture
	HSMU	MC Ibag	MC V	42444067	34111583	BIT-RBO06-08-10	Single flute	8 to 10mm 9/32" to 3/8"	Max 40'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC ibag	MC V	42444067	34111591	BIT-RBO06-12-14	Radius Bit Outer, 6mm shaft radius 3,5mm	12 to 14mm 15/32" to 1/2"	Max 40'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC ibag	MC V	42444067	42452169	Monocrystalline diamond polish tool	For polishing edges of acrylics and similar materials.	5mm - 3/16" pr pass	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC ibag	MC V	42444067	42463646	Polycrystalline Daimond polishing bit 14mm	For polishing edges of acrylics and similar materials.	13mm - 1/2" pr pass	Max 60'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42460238	BIT-BRAILLE06 -1403-50	Drilling bit for Braille. For drilling in acrylic, PVC, etc. Shaft 6mm,Tip diameter: 1,55mm (0,0610 Inch) Workstogether with the Brailletool.	3mm - 1/8"	Max 20'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42455477	BIT-BRAILLE06 -1503-50	Drilling bit for Braille. For use in harder materials like Aluminum, ACM etc. Tip diameter: 1,56mm (0,0615 Inch) Works together with the Braille tool.	3mm - 1/8"	Max 20'	
		MC Kavo		02721314						
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42458786	BIT- MCS06-6022-64 (i-9152)	This is a compression bit for smooth edges on both top and bottom liner. Acrylic, Polycarbonate, Sintra with two sided print laminate.	22mm - 1"	Max 50'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42471763	BIT-MCS06-4015-40	This is a compression bit for smooth edges on both top and bottom liner, can handle materials as thin as 2mm	15mm	Max 50'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	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 2mm	22mm	Max 50'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728						
	HSMU	MC Ibag	MC V	42444067	42458794	BIT- MSD06-6025-64 (i-6432)	Gatorplast, Ultraboard, Kappa with direct print or blank	25mm - 1"	Max 50'	
		MC Kavo		02721314					Max 60'	
HPMU	HPMU	MC HP		42454728						

Accessories

Milling accessories



Milling accessories include adjustment sleeves, replacement chucks and maintenance items for the Kongsberg XP/C and XN/XL/V. See the chart for descriptions and machine compatibility.



MultiCUT Ibag = 1kW MultiCUT Kavo = 1kW MultiCUT HP = 3kW

*V max RPM = 45°





HSMU = 1kW MultiCUT V = 1kW max RPM 45° HPMU = 3kW

C Milling	XP Milling	XN/XL/X Milling	V Milling X Starter	Part no.	Part name	Description	Picture
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Adjustment sleeves

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

Dummy bits

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

Replacement chucks / collets for 3 kW Ibag

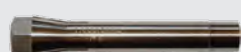
HPMU	HPMU			42454736	8mm replacement chuck		
HPMU	HPMU	MC HP		42454728	6mm replacement chuck		
HPMU	HPMU	MC HP		42455675	3mm replacement chuck		

C Milling	XP Milling	XN/XL/X Milling	V Milling X Starter	Part no.	Part name	Description	Picture
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Replacement chucks / collets for 1 kW Ibag

	HSMU	MC Ibag	MC V	42444067	6mm replacement chuck		
	HSMU	MC Ibag	MC V	42444083	3mm replacement chuck		




Replacement chucks / collets for 1 kW Kavo

		MC Kavo		02721314	6mm replacement chuck		
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Chuck maintenance kit

		MC Ibag	MC V	02746188	Chuck maintenance kit MultiCut (XL / XN)		
		MC Kavo					
		MC HP					
	HSMU			02746196	Chuck maintenance kit XP		
HPMU	HPMU						

Replacement plastic bags for Vacuum cleaner

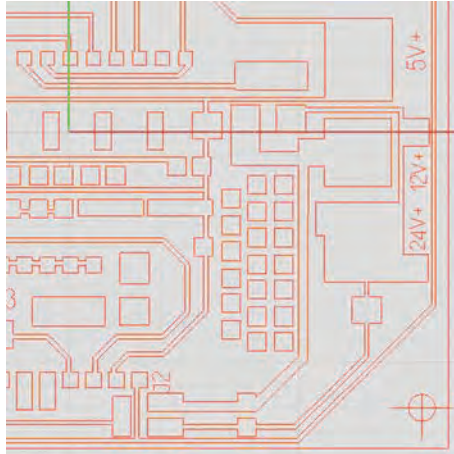
Vacuum cleaner 75l (industrial)	42454124	Plastic bags for Vac.Cleaner 75L tank (50pcs)		
Vacuum cleaner Dolphin	42447383	Plastic bags vac. cleaner Dolphin (50pcs)		
Vacuum cleaner TB Esko	42462101	Plastic bags for vac. vleaner TB Esko. (50pcs)		

Accessories

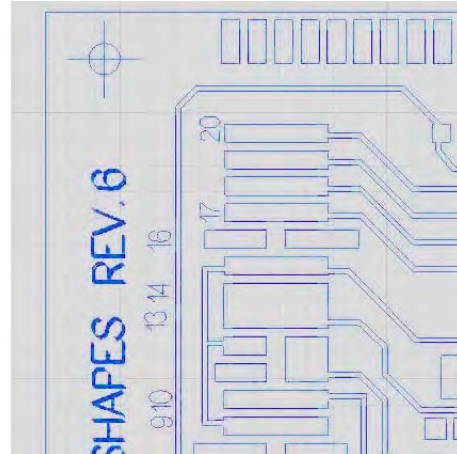
Drawing tools



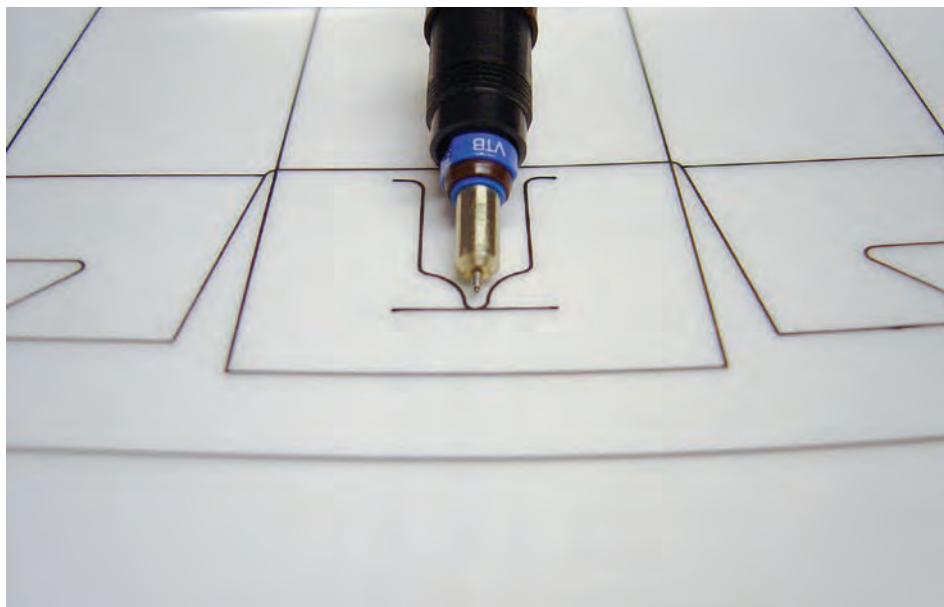
This is our section for drawing tools, including fiber tip pens, liquid pen inserts and ball point pen refills.



pen plot












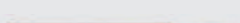
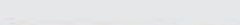
pen plot



Drawing tools

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 317 WP6 (set of 8). Line thickness: medium 1.0 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				
			Liquid ink tool	34022285	42429779	PEN-LP164	Liquid ink pen insert. 0.35mm black. For use with Liquid Ink Tool.	
			Ø14 mm multifunction unit	34068551				
			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				

Crease Wheels

15 mm crease wheels



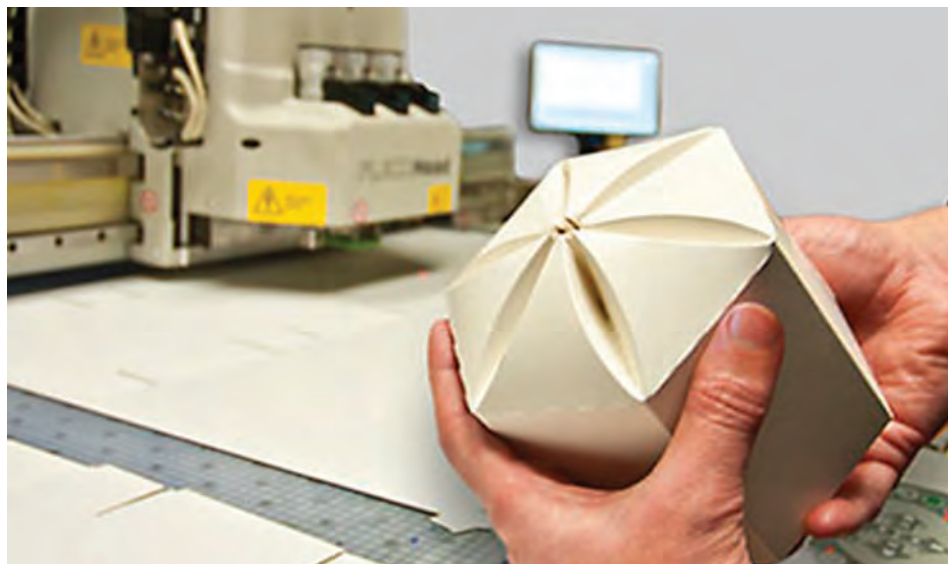
15 mm crease wheels provide excellent performance when creasing thin materials such as folding carton and paper.






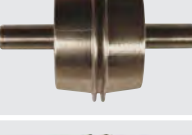
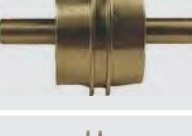
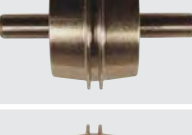
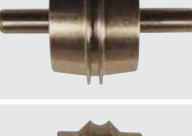



folded carton package



paper tent sign



XP C	XL XN V X	XE	Tool insert	Adapter	Wheel part no.	Wheel name	Description	Picture
			HDU	34012880	34089540	Crease wheel Ø15 1 Point	Crease Wheel - 15mm dia - 1-point	
			Power Head	34012880				
			Crease tool XE	34050377				
			Crease tool 15mm	n/a				
			HDU	34012880	34057588	Crease wheel Ø15 1.5 Point	Crease Wheel - 15mm dia - 1.5-point	
			Power Head	34012880				
			Crease tool XE	34050377				
			Crease tool 15mm	n/a				
			HDU	34012880	32533291	Crease wheel Ø15 2 Point	Crease Wheel - 15mm dia - 2-point	
			Power Head	34012880				
			Crease tool XE	34050377				
			Crease tool 15mm	n/a				
			HDU	34012880	34030858	Crease wheel Ø15 3 Point	Crease Wheel - 15mm dia - 3-point	
			Power Head	34012880				
			Crease tool XE	34050377				
			Crease tool 15mm	n/a				
			HDU	34012880	34030908	Crease wheel Ø15 4 Point	Crease Wheel - 15mm dia - 4-point	
			Power Head	34012880				
			Crease tool XE	34050377				
			Crease tool 15mm	n/a				
			HDU	34012880	32535999	Crease wheel Ø15 1 mm spacing	Crease Wheel - 15mm dia double edge - 1mm spacing	
			Power Head	34012880				
			Crease tool XE	34050377				
			Crease tool 15mm	n/a				
			HDU	34012880	32555021	Crease wheel Ø15 1,25mm spacing	Crease Wheel - 15mm dia double edge - 1,25mm spacing	
			Power Head	34012880				
			Crease tool XE	34050377				
			Crease tool 15mm	n/a				
			HDU	34012880	32551301	Crease wheel Ø15 1,4mm spacing	Crease Wheel - 15mm dia double edge - 1,4mm spacing	
			Power Head	34012880				
			Crease tool XE	34050377				
			Crease tool 15mm	n/a				
			HDU	34012880	32551327	Crease wheel Ø15 1,8mm spacing	Crease Wheel - 15mm dia double edge - 1,8mm spacing	
			Power Head	34012880				
			Crease tool XE	34050377				
			Crease tool 15mm	n/a				
			HDU	34012880	32555005	Crease wheel Ø15 2,2mm spacing	Crease Wheel - 15mm dia double edge - 2,2mm spacing	
			Power Head	34012880				
			Crease tool XE	34050377				
			Crease tool 15mm	n/a				

Crease Wheels










26 mm crease wheels



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



Crease Wheels

XP C	XL XN V X	XE	Tool insert	Adapter	Wheel part no.	Wheel name	Description	Picture
			HDU	34012906	32532129	Crease wheel Ø26 1 Point	Crease Wheel - 26mm dia - 1-point	
			Power Head					
			Crease tool XE	34050385				
			Crease tool 26mm	n/a				
			HDU	34012906	32524837	Crease wheel Ø26 2 Point	Crease Wheel - 26mm dia - 2-point	
			Power Head					
			Crease tool XE	34050385				
			Crease tool 26mm	n/a				
			HDU	34012906	32529075	Crease wheel Ø26 3 Point	Crease Wheel - 26mm dia - 3-point	
			Power Head					
			Crease tool XE	34050385				
			Crease tool 26mm	n/a				
			HDU	34012906	32536542	Crease wheel Ø26 4 Point	Crease Wheel - 23mm dia - 4-point	
			Power Head					
			Crease tool XE	34050385				
			Crease tool 26mm	n/a				
			HDU	34012906	32522880	Crease wheel Ø26 4 Point	Crease Wheel - 26mm dia - 6-point	
			Power Head					
			Crease tool XE	34050385				
			Crease tool 26mm	n/a				
			HDU	34012906	32529240	Crease wheel Ø26 8 Point	Crease Wheel - 26mm dia - 8-point	
			Power Head					
			Crease tool XE	34050385				
			Crease tool 26mm	n/a				
			HDU	34012906	32529091	Crease wheel Ø26 10 Point	Crease Wheel - 26mm dia - 10-point	
			Power Head					
			Crease tool XE	34050385				
			Crease tool 26mm	n/a				
			HDU	34012906	32529117	Crease wheel Ø15 12 Point	Crease Wheel - 26mm dia - 12-point	
			Power Head					
			Crease tool XE	34050385				
			Crease tool 26mm	n/a				
			HDU	34012906	32547051	Crease wheel Ø15 14 Point	Crease Wheel - 26mm dia - 14-point	
			Power Head					
			Crease tool XE	34050385				
			Crease tool 26mm	n/a				

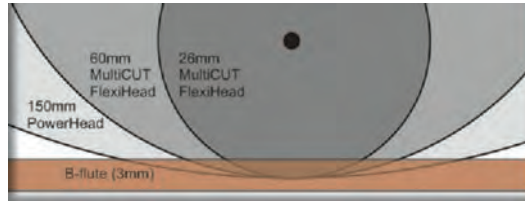
XP C	XL XN V X	XE	Tool insert	Adapter	Wheel part no.	Wheel name	Description	Picture
			HDU	34012906	32546640	Crease wheel Ø26 0,6mm spacing	Crease Wheel - 26mm dia double edge - 0,6mm spacing	
			Power Head					
			Crease tool XE	34050385				
			Crease tool 26mm	n/a				
			HDU	34012906	32537706	Crease wheel Ø26 Triple wall	Crease Wheel - 26mm triple wall	
			Power Head					
			Crease tool XE	34050385				
			Crease tool 26mm	n/a				
			HDU	34012906	32524811	Crease wheel Ø26 Crush	Crease Wheel - 26mm crush R=15	
			Power Head					
			Crease tool XE	34050385				
			Crease tool 26mm	n/a				

Crease Wheels

60 mm crease 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 toolhead. The wheel easily snaps in place without any auxiliary tool requirements.




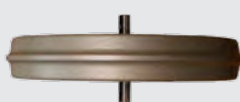

corrugated shipping packages







corrugated produce containers

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 wheels

		All tool head insert positions	Crease tool Ø60 34095505	N/A	34095430	Crease wheel Ø60 6 pont	Crease wheel - 60mm dia - 6-point	
		Power Head HD position	60mm Crease wheel holder 34107763					
		HDU						
		All tool head insert positions	Crease tool Ø60 34095505	N/A	34095513	Crease wheel Ø60 4 pont	Crease wheel - 60mm dia - 4-point	
		Power Head HD position	60mm Crease wheel holder 34107763					
		HDU						
		All tool head insert positions	Crease tool Ø60 34095505	N/A	34095539	Crease wheel Ø60 U shape	Crease wheel - 60mm dia - U shape	
		Power Head HD position	60mm Crease wheel holder 34107763					
		HDU						

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	
		Power Head HD position						
		HDU	60mm Crease wheel holder 34107763					
		All tool head insert positions	Crease tool Ø60 34095505	42461202	42461210	Perforation wheel 3 x 3 mm	Makes perforation lines with 3mm cut and 3mm space	
		Power Head HD position	60mm Crease wheel holder 34107763					
		HDU						
		All tool head insert positions	Crease tool Ø60 34095505	42461202	42461228	Perforation wheel 5 x 5 mm	Makes perforation lines with 5mm cut and 5mm space	
		Power Head HD position	60mm Crease wheel holder 34107763					
		HDU						
		All tool head insert positions	Crease tool Ø60 34095505	42461202	42461236	Perforation wheel 5 x 7 mm	Makes perforation lines with 7mm cut and 5mm space	
		Power Head HD position	60mm Crease wheel holder 34107763					
		HDU						
		All tool head insert positions	Crease tool Ø60 34095505	42461202	42461244	Perforation wheel 10 x 10 mm	Makes perforation lines with 10mm cut and 10mm space	
		Power Head HD position	60mm Crease wheel holder 34107763					
		HDU						

Crease Wheels

150 mm crease wheels and crease blades



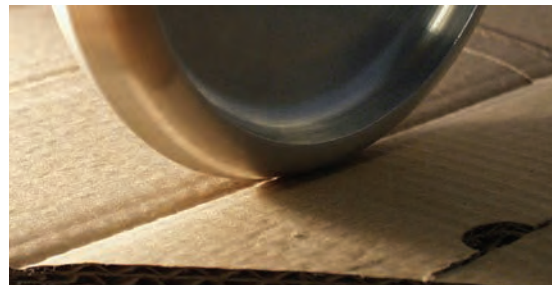
150 mm crease wheels provide excellent performance when creasing thick corrugated boards, including double and triple wall corrugated.

The big crease wheel positions on the XN/XL/X/C (PowerHead) and XP (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.





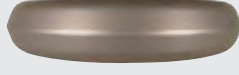


triple wall corrugated package





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	n/a	34010306	Crease wheel Ø150 4 Point	HDU Crease Wheel - 150mm dia - 4-point	
			Power Head					
			HDU	n/a	34023234	Crease wheel Ø150 6 Point	Crease Wheel - 150mm dia - 6-point	
			Power Head					
			HDU	n/a	34068734	Crease wheel Ø150 6 Point 6 degrees	Crease Wheel - 150mm dia - 6-point 6 degrees	
			Power Head					
			HDU	n/a	34007096	Crease wheel Ø150 U shape	Crease Wheel - 150mm dia - U shape	
			Power Head					
			HDU	n/a	34007906	Crease wheel Ø150 V shape	Crease Wheel - 150mm dia - V shape	
			Power Head					

XP C	XL XN V X	XE	Tool insert	Adapter	Wheel part no.	Wheel name	Description	Picture
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Crease blades 47 mm length

			Static knife double edge	n/a	42442764	Crease Blade - 0.5mm	For thin, synthetic material such as polypropylene (PP) and polyethylene (PE).	
			HDU	34089904				
			Power Head					
			Static knife double edge	n/a	42442772	Crease Blade - 1mm	For thin, synthetic material such as polypropylene (PP) and polyethylene (PE).	
			HDU	34089904				
			Power Head					

Crease blades 25 mm length

			Hi Force knife tool	34057356	42444711	Crease Blade - 0.5mm half length	For thin, synthetic material such as polypropylene (PP) and polyethylene (PE).	
			Hi Force knife tool	34057356	42444729	Crease Blade - 1mm half length	For thin, synthetic material such as polypropylene (PP) and polyethylene (PE).	
			RM Knife tool	n/a	42459503	Crease Blade 0,5mm for RM knife tool	For thin, synthetic material such as polypropylene (PP) and polyethylene (PE).	
			RM Knife tool	n/a	42459511	Crease Blade 1mm for RM knife tool	For thin, synthetic material such as polypropylene (PP) and polyethylene (PE).	