PRODUCT CATALOGUE

ENGINEERED CUTTING TOOLS

MICOR TOOLING

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OUR TOOLS

OUR BRANDS

Micor circular saw blades have been around since the mid-50's and were one of the pioneers in the industry, developing the technology to equip saw blades with hard metal inserts. Nowadays, Micor manufactures saw blades for industrial use, where there is high demand for precision, performance, and endurance. Micor saw blades are commonly used and supplied to various industries, such as the Wood, Metal, Plastic and Food processing industries. The circular saw blades are manufactured in Sweden.

HDS was founded in 1999 and is a leading manufacturer of sawmill tools. Located in the heart of the German "steel belt", they have acquired the exptertise of making high quality products on the global arena since the start. HDS is famous for providing solutions that enhance productivity, profitability, as well as its customer focused approach, to the primary industry for wood. The product portfolio consists of special tools for the sawmill industry, including but not limited to, stepped circular saw blades, knives, machina parts as well as segments.

Langshyttan band saw blades have been synonymous with top Swedish quality for more than 50 years and are recognised worldwide as a professional choice, with outstanding products and service. Over the years, Langshyttan has constantly developed its product range and today manufactures a wide variety of band saw blades for all different kind of needs to the highest quality. For the given location and area of expertise, Langshyttan drives band saw blade innovation for the most challenging cutting conditions.

BBM opened their doors in 1987 and are one of the very few players in their market still to exist today. They are recognized for manufacturing very high-quality products that are sold around the world. Their commitment to supplying premium products that ensure longer running times and swift deliveries is what makes BBM products so renowned. This Swedish craftsmanship has proven a great success over the years, with the quality assurance synonymous with the BBM brand embedded in their DNA.

Lahden Teräteos (LTT), founded in 1960, is a pioneering manufacturer of, among others, high quality moulder and diamond tools developed for the wood industry. Their recognized quality can especially be found in applications where demanding conditions require yield, speed, and endurance. Through continuous development of products and services, together with their highly trained and motivated personnel, LTT has become a leading profiled tool manufacturer in the Nordics.

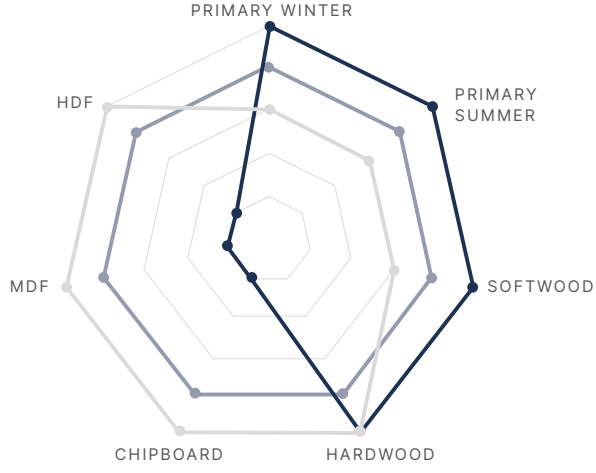
CIRCULAR SAW BLADES

COATINGS

That we use the best body material on the market on all our sawblades goes without saying. However, more interesting is that our product development extends to also include constant improvement of our coatings. Different application/materials has different challenges, and therefore it is important to choose the best coating for your application.

THREE DIFFERENT VARIETIES OF BLADES

At Micor we offer three different varieties of blades, namely: Neutral, Micor Blackline and Micor Enduraline, all with specific characteristics. The neutral Micor is a standard sawblade. The Micor Blackline has an oxidated coating that protects from material getting clued to the saw body (non-stick surface) as well as easier to clean. The oxidated coating close the pores of the surface which avoid material to stick. The Micor Enduraline has a carefully developed coating, including tips, that protects the surface and gives the blade an even longer lifetime. The coating allows for less friction in the cutting, improving cut quality and endurance/durability as well as allowing increased cutting speed. The different coatings are suitable for different applications/materials.



Neutral
Neutral without coating for all standard applications.

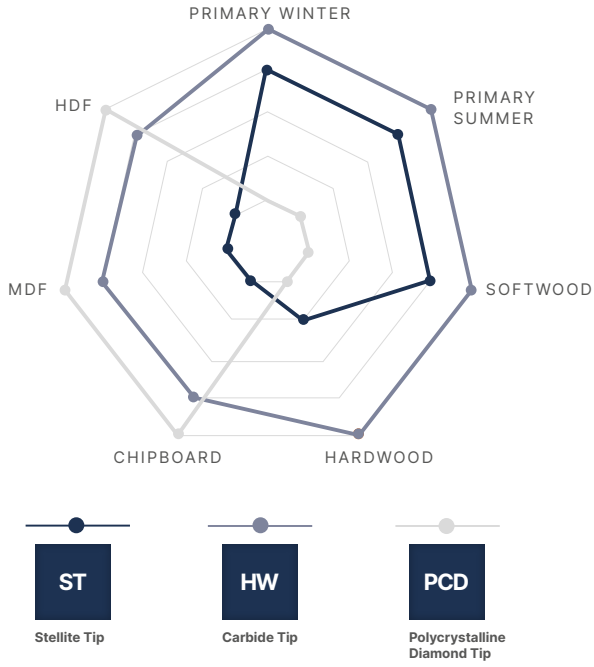
Enduraline
Special enduraline coating developed by Micor. Coating on both cutting edge and saw body for extended tool life.

Blackline
Oxide coating on saw body for lower friction to prevent resin formation and heat build up.

TIPS

That we use the best tip material on the market on all our sawblades goes without saying. Different application/materials has different challenges, and therefore it is important that one chose the best tips and tip-quality for your application. At Micor we offer three different types of tips, namely: Stellite, HM and PCD, all with different properties. The HM teeth are offered in different types and strengths depending on your particular application. See below.

The Stellite is commonly preferred where the conditions are challenging due to dirt, rocks and impurity. The PCD tips are used when the application is demanding and sustain wear and tear as well as allowing for longer running times. The PCD tips are only for specific and is not applicable to all applications.



HW GRADES

The choice of tip grade is vital to achieve maximum yield, speed and endurance. As everything, the grade selection has been carefully studied by our research team and laboratory. If you feel the need of support, it is suggested that you contact our support and specialists to make sure that you get the best tip grade for your particular application and conditions.

TECHNICAL INFORMATION
CIRCULAR SAW BLADES

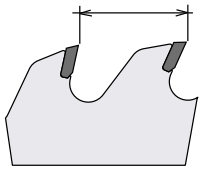
10 BA 19 L - 500 - 4,2 / 3,2 - 50 Z 120

RAKE ANGLE	TIP TYPE	PITCH	DESIGN	DIAMETER	KERF	PLATE	CENTER HOLE	NO. OF TEETH

CODE SYSTEM

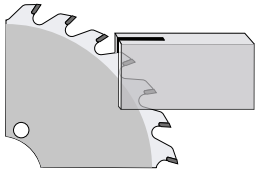
- *Rake angle:* In this case 10 degrees. Negative angle is indicated by N prior to the angle. Example N05.
- *Tip Type:* Defines the Tip Shape on the blade, denied by 1-3 letters. In this case a blade with alternating beveltips.
- *Pitch:* Is the distance between the front face of the tips.
- *Design:* The letter indicates various features. In this case L=laser slots in the sawbody. Read more about this further down on this page.
- *Diameter:* In mm
- *Kerf:* Is the width of the sawtip
- *Plate:* Is the thickness of the sawbody
- *Center Hole:* In diameter of the bore/center hole
- *No of teeth:* The number of tips indicated by Z
  Example: 300mm saw blade for wood cutting, Z=48, kerf=3,2,centrehole=30mm

10BA19-300-3,2/2,2-30, Z=48



TOOTH PITCH

The tooth pitch is an important factor when choosing blades for different applications. The pitch ins the distance between the front faces of adjacent tips.



NUMBER OF SAW TIPS

The tooth pitch is determined by the thickness of the material to be cut. Generally, the thinner the material the smaller the pitch, and the thicker the material the larger tooth pitch. At least two and no more then four teeth must be engaged at all times when cutting solid wood. For other materials two or six teeth.

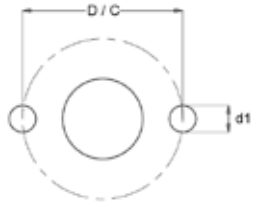
SUFFIX - DESIGN

Special designs of the blade are available for different cutting applications. This is indicated by the sufffixes below, which appears after the tooth pitch in the code.

A = Tooth back with step
B = Curved back
C = E-cooling hole
D = Copper rivet
E = Smaller gullets for lower sound
F = Adjustable 2 piece scribing blades
G = Grouped teeth blade
H = Stellite tips
I = Differential pitch
J = Insert tooth
K = Cooling hole
L = Laser slots
M = Metal cutting blade
N = Blanks
O = Conical plate
P = Electrical hand saw blade
Q = Minibel, sandwhichype
R = Blade with wiper slot
S = Blade with guard teeth
T = Special slot
U = Panel saw blades
V = Teeth with chip-breaker
W = Double-side hub
X = Blade wiyh hub
Y = Simplified design

BLADES WITH PIN HOLES/KEYWAYS

When ordering please indicate the following:



Pin holes:
1. Number of pin holes (P)
2. Diameter (d1)
3. Pitch circle (D/C)

Eg: P=2/10/60

PICTOGRAMS & ILLUSTRATIONS

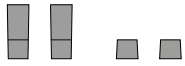
Primary and secondary wood tools

Wood Primary
Wood tools at the initial stage of the timber value.

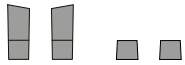
Wood Secondary
Wood tools after the initial stage of the timber value.

Tooth shapes

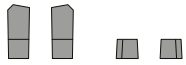
AA — **Straight teeth**
For ripping wood, including multirip sawing. Can be used with high feed speeds where an averege surface finsish is required.



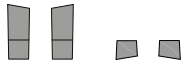
BA — **Teeth with alternating bevels**
For ripping and crosscutting wood, board and plastics.



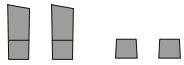
BAE — **Teeth with alternating bevels and chamfer**
For thin, hard plastics.



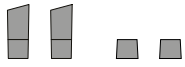
BB — **Teeth with alternating bevels and alternating face**
Specially suitable for plywood and bobbins and cross cutting where a finer surface is required.



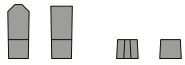
CA — **Teeth with right-hand bevels**
All teeth are bevelled in right direction. Used for scribing, tenoning, edge band cutting and panel sizeing of board in combination with hogging unit.



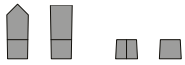
DA — **Teeth with left-hand bevels**
All teeth are bevelled in left direction. Used for scribing, tenoning, edge band cutting and panel sizeing of board in combination with hogging unit.



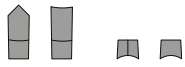
EA — **Trapezoidal teeth**
Roughing and finishing teeth. Teeth are alternaty trapezoidal and straight to break chips into three pieces.



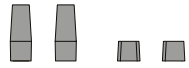
EAX — **Alternate flat and inverted V tooth**
For cutting laminated board.



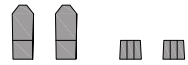
EAXH — **Alternate flat and inverted V tooth with hollow ground face**
For cutting painted and laminated board.



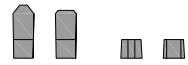
RA — **Flat teeth with tapered sides**
For scoring prior to panel sizing.



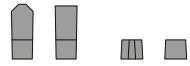
EE — **All teeth with chamfer on both sides**
Can be used to protect corners of teeth in tough materials.



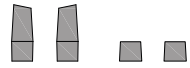
GG — **All teeth with chamfer on both sides and height difference. Front grinding in two angles.**
For ripping in planers and moulders with high demands on surface finish.



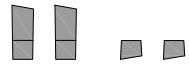
EAM — **Alternating trapet zodial teeth and straight teeth**
Teeth are alternaty trapetzodial and straight with height difference 0,2 to break chips in three pieces. Special for cutting non-ferrous metals.



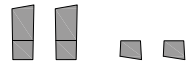
RABA — **Teeth with alternating bevels and tapered sides**
For scoring prior to panel sizing.



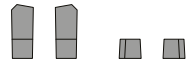
CC — **All teeth with bevel left on both top and front**
All teeth are bevelled in left direction. For a fine cut on one side.



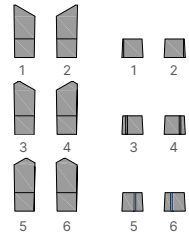
DD — **All teeth with bevel right on both top and front**
All teeth are bevelled in right direction. For a fine cut on one side.



BAE DRY CUT — **Teeth alternating left and right with chamfer**
Alternating left and right with special angles and chamfer for metal cutting.

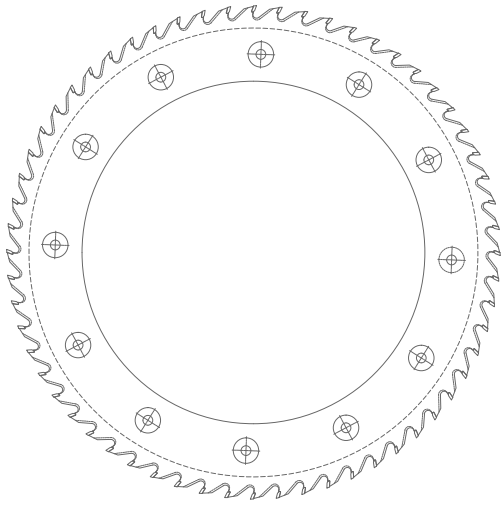


BOM — **Teeth with moving chamfer in groups of 6/8/10**
For cutting aluminium profiles with less burr and less noise. Example on right side is teeth in a group of 6.



micor
CIRCULAR SAW BLADES

CHIPPER CANTER



For high feed rates

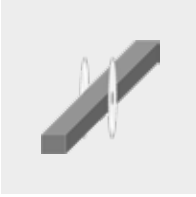
Application:
For reducing of logs in sawmills

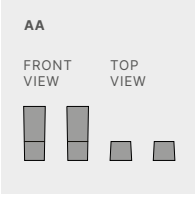
Workpiece material:
Solid round logs wet

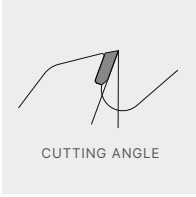
Technical information:
For fast and exact sawing of logs in reducers

Machine:
HewSaw, AriVislanda, USNR/Söderhamn, Andritz, Linck, Heinola, SAB, EWD

Primary | HW | ST | AA | Neutral | Blackline







Diameter mm	Cutting width mm	Body thickness mm	Hub thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
345	3,8	2,9	10,7	144	S=10/M16/195/R	36	AA	25
345	3,8	2,9	10,7	144	S=10/M16/195/L	36	AA	25
345	3,9	2,9	10,7	144	S=10/M16/195/R	36	AA	25
345	3,9	2,9	10,7	144	S=10/M16/195/L	36	AA	25
345	4,6	3,4	10,7	144	S=10/M16/195/R	36	AA	25
345	4,6	3,4	10,7	144	S=10/M16/195/L	36	AA	25
345	4,7	3,8	10,7	144	S=10/M16/195/R	36	AA	25
345	4,7	3,8	10,7	144	S=10/M16/195/L	36	AA	25
345	4,8	3,8	10,7	144	S=10/M16/195/R	36	AA	25
345	4,8	3,8	10,7	144	S=10/M16/195/L	36	AA	25
345	5,2	3,8	10,7	144	S=10/M16/195/R	36	AA	25
345	5,2	3,8	10,7	144	S=10/M16/195/L	36	AA	25
346	4,4	3,1	10,7	144	S=10/M16/195/R	36	AA	25

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

Diameter mm	Cutting width mm	Body thickness mm	Hub thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
346	4,4	3,1	10,7	144	S=10/M16/195/L	36	AA	25
390	4,4	3,1	8,7	190	S=9/M16/254/R	39	AA	25
390	4,4	3,1	8,7	190	S=9/M16/254/L	39	AA	25
430	4,5	3,3	8,7	190	S=12/M16/310/R	42	AA	25
430	4,5	3,3	8,7	190	S=12/M16/310/L	42	AA	25
460	4,3	3,3	8,7	240	S=12/M16/310	42	AA	25
460	4,3	3,3	8,7	240	S=12/M16/310	42	AA	25
588	8,4		7	460	S=6/13/495,8/34//R +6/13/495,8/34/L	48	AA	12
610	4	3,2	6	440	16/16/505/27/R	48	AA	20
610	4	3,2	6	440	16/16/505/27/L	48	AA	20
623	4,5	3,5	6	440	16/16/505/26//R	48	AA	20
623	4,5	3,5	6	440	16/16/505/26//L	48	AA	20
625	3,95	3,2	6	480	16/16/545/27//R	48	AA	20
625	3,95	3,2	6	480	16/16/545/27//L	48	AA	20
625	4,2	3,2	6	480	16/16/545/27//R	48	AA	20
625	4,2	3,2	6	480	16/16/545/27//L	48	AA	20
625	4,5	3,5	6	480	16/16/545/27//R	48	AA	20
625	4,5	3,5	6	480	16/16/545/27//L	48	AA	20
650	4	3,2	6	480	16/16/545/27/R	48	AA	20
650	4	3,2	6	480	16/16/545/27/L	48	AA	20
650	4,1	3,2	6	480	16/16/545/27/R	48	AA	20
650	4,1	3,2	6	480	16/16/545/27/L	48	AA	20
650	4,2	3,2	6	480	16/16/545/27/R	48	AA	20
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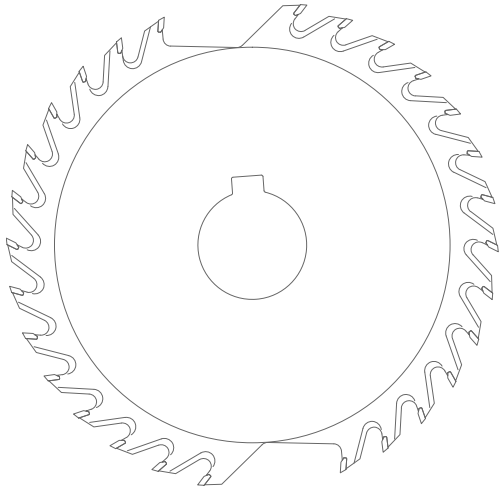
650	4,5	3,2	6	480	16/16/545/27/R	48	AA	20
650	4,5	3,2	6	480	16/16/545/27/L	48	AA	20
650	4,7	3,2	6	480	16/16/545/27/R	48	AA	20
650	4,7	3,2	6	480	16/16/545/27/L	48	AA	20
650	4,5	3,3	8,7	410	P=4/8/480S=16/M16/510/R	60	AA	22
650	4,5	3,3	8,7	410	P=4/8/480S=16/M16/510/L	60	AA	22
660	4	3	7	460	S=12/13/530/34/R	60	AA	20
660	4	3	7	460	S=12/13/530/34/L	60	AA	20
660	4,1	3	7	460	S=12/13/530/34/R	60	AA	20
660	4,1	3	7	460	S=12/13/530/34/L	60	AA	20
660	4,2	3	7	460	S=12/13/530/34/R	60	AA	20
660	4,2	3	7	460	S=12/13/530/34/L	60	AA	20
660	4,4	3,2	7	460	S=12/13/530/34/R	60	AA	20
660	4,4	3,2	7	460	S=12/13/530/34/L	60	AA	20
660	4,7	3,5	7	460	S=12/13/530/34/R	60	AA	20
660	4,7	3,5	7	460	S=12/13/530/34/L	60	AA	20
660	4,3	3,2	7	500	S=10/13,2/550/25/R	60	AA	15
660	4,3	3,2	7	500	S=10/13,2/550/25/L	60	AA	15
660	4,4	3,2	7	500	S=10/13,2/550/25/R	60	AA	15
660	4,4	3,2	7	500	S=10/13,2/550/25/L	60	AA	15
660	4,8	3,7	7	500	S=10/13,2/550/25/R	60	AA	15
660	4,8	3,7	7	500	S=10/13,2/550/25/L	60	AA	15
660	5,1	4	7	500	S=12/13,2/550/25/R	60	AA	15
660	5,1	4	7	500	S=12/13,2/550/25/L	60	AA	15
700	4,5	3,3	8,7	410	P=6/8/530S=18/M16/560/R	72	AA	15
700	4,5	3,3	8,7	410	P=6/8/530S=18/M16/560/L	72	AA	15
705	4,65	3,6	6	560	P=6/20,5/605 S=18/16/605/26/R+6/17/595/27/R	72	AA	20
705	4,65	3,6	6	560	P=6/20,5/605 S=18/16/605/26/L+6/17/595/27/L	72	AA	20
710	3,8	3	6	560	P=8/20,5/605 S=16/17/605/26/R+4/17/595/26/R	64	AA	20

Diameter mm	Cutting width mm	Body thickness mm	Hub thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
710	3,8	3	6	560	P=8/20,5/605 S=16/17/605/26/L+4/17/595/27/L	64	AA	20
710	4	3,2	6	560	P=8/20,5/605 S=16/17/605/26/R+4/17/595/26/R	64	AA	20
710	4	3,2	6	560	P=8/20,5/605 S=16/17/605/26/L+4/17/595/27/L	64	AA	20
710	4,4	3,6	6	560	P=8/20,5/605 S=16/17/605/26/R+4/17/595/26/R	64	AA	20
710	4,4	3,6	6	560	P=8/20,5/605 S=16/17/605/26/L+4/17/595/27/L	64	AA	20
710	4,6	3,6	6	560	P=8/20,5/605 S=16/17/605/26/R+4/17/595/26/R	64	AA	20
710	4,6	3,6	6	560	P=8/20,5/605 S=16/17/605/26/L+4/17/595/27/L	64	AA	20
710	5	3,6	6	560	P=8/20,5/605 S=16/17/605/26/R+4/17/595/26/R	64	AA	20
710	5	3,6	6	560	P=8/20,5/605 S=16/17/605/26/L+4/17/595/27/L	64	AA	20
710	4,4	3,6	6	560	P=6/20,5/605 S=18/17/605/26/R	72	AA	20
710	4,4	3,6	6	560	P=6/20,5/605 S=18/17/605/26/L	72	AA	20
710	4,5	3,5	6	560	P=6/20,5/605 S=18/17/605/26/R	72	AA	20
710	4,5	3,5	6	560	P=6/20,5/605 S=18/17/605/26/L	72	AA	20
710	4,65	3,6	6	560	P=6/20,5/605 S=18/17/605/26/R	72	AA	20
710	4,65	3,6	6	560	P=6/20,5/605 S=18/17/605/26/L	72	AA	20
720	3,9	2,9	7	560	S=14/13/620/25/R S=2/M10/620	70	AA	15
720	3,9	2,9	7	560	S=14/13/620/25/L S=2/M10/620	70	AA	15
720	4,2	3,2	7	560	S=14/13/620/25/R S=2/M10/620	70	AA	15
720	4,2	3,2	7	560	S=14/13/620/25/L S=2/M10/620	70	AA	15
720	4,3	3,2	7	560	S=14/13/620/25/R S=2/M10/620	70	AA	15
720	4,3	3,2	7	560	S=14/13/620/25/L S=2/M10/620	70	AA	15
720	4,4	3,2	7	560	S=10/13,2/590/25/R S=2/M10/590	70	AA	15
720	4,4	3,2	7	560	S=10/13,2/590/25/L S=2/M10/590	70	AA	15
720	4,6	3,2	7	560	S=10/13,2/590/25/R S=2/M10/590	70	AA	15
720	4,6	3,2	7	560	S=10/13,2/590/25/L S=2/M10/590	70	AA	15
720	5,2	4	7	560	S=10/13,2/590/25/R S=2/M10/590	70	AA	15
720	5,2	4	7	560	S=10/13,2/590/25/L S=2/M10/590	70	AA	15

micor
CIRCULAR SAW BLADES

PROFILING



For fast and exact profiling

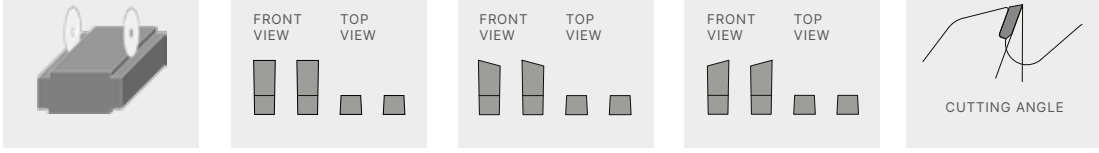
Application:
For profiling in sawmills

Workpiece material:
Solid wood wet

Technical information:
For fast and exact profiling

Machine:
Heinola, HewSaw, AirVislanda, Linck

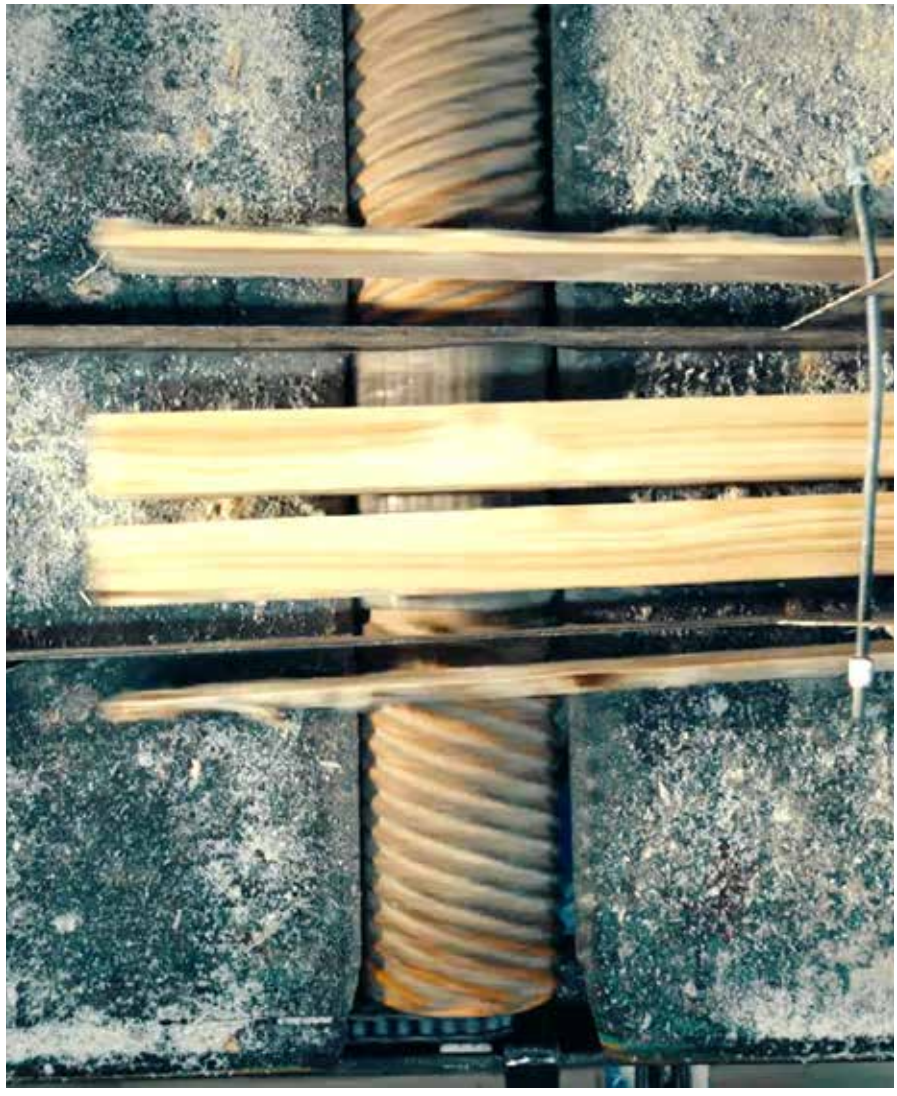
Primary | HW | AA | DA | CA | Neutral | Blackline



Diameter mm	Cutting width mm	Body thickness mm	Hub thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
200	7	5		50	S=3/22,5/85/26,5/L+R	24	AA	25
252	4	3,5	6,9	70	K=1/20/7	24-6	DA	25
252	4	3,5	6,9	70	K=1/20/7	24-6	CA	25
252	4,2	3,5	6,9	70	K=1/20/7	24-4	AA	25
252	4,2	3,5	6,9	70	K=1/20/7	24-4	AA	25
270	5,2	4		125	S=3/22,5/180/26,5/R	27-3	AA	25
270	5,2	4		125	S=3/22,5/180/26,5/L	27-3	AA	25
316	4,2	3,5	6,9	70	K=1/20/8	32-4	SPEC	25
316	4,2	3,5	6,9	70	K=1/20/8	32-4	SPEC	25
316	4,5	3,5	6,6	70	K=1/20/5	38	SPEC	20
316	4,5	3,5	6,6	70	K=1/20/5	38	SPEC	20
400	5,4	4		191	P=4	40	AA	25
400	4,9	3		190	P=/12,5/230	28-6	AA	25
401	3,8	2,8	8	200,4	P=2/10/220 S=3/11/228/32/L	10	AA	15

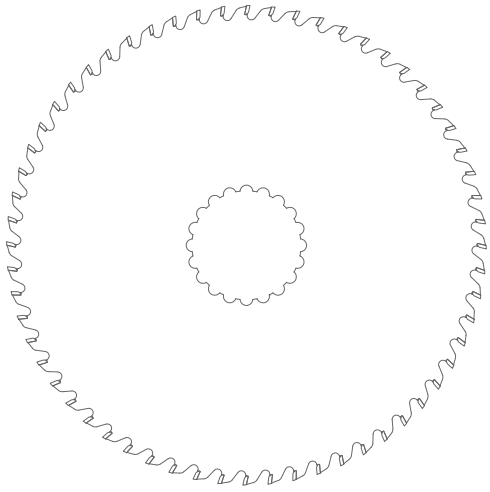
IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

Diameter mm	Cutting width mm	Body thickness mm	Hub thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
401	3,8	2,8	8	200,4	P=2/10/220 S=3/11/228/32/R	10	AA	15
403	3,5	2,5	5	305	S=4/12/340/21,5/L	8	AA	15
403	3,5	2,5	5	305	S=4/12/340/21,5/R	8	AA	15
411	4	3	5	307	P=2/8/341 S=4/12,5/341/21,5/R	7	AA	15
411	4	3	5	307	P=2/8/341 S=4/12,5/341/21,5/R	7	AA	15
430	5,4	4		191	2/12/230	40	AA	25
499	3,5	2,5	7	231	P=4/12,2/300S=4/9/260/25/L +4/9/394,7/25/L+4/9/403,5/25/L	44	AA	15
499	3,5	2,5	7	231	P=4/12,2/300S=4/9/260/25/R +4/9/394,7/25/R+4/9/403,5/25/R	44	AA	15
566	5	4		160		36	AA	15



micor
CIRCULAR SAW BLADES

EDGAR



For high feed rates

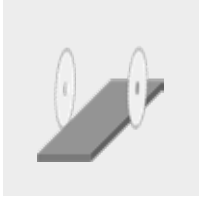
Application:
For edging of boards in sawmills

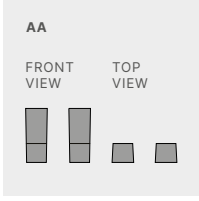
Workpiece material:
Solid wood wet

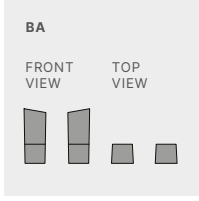
Technical information:
For fast and exact edging of boards

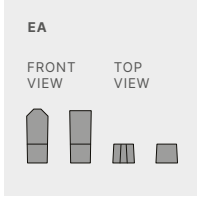
Machine:
USNR, CATEC, Ahlström

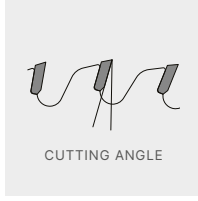
Primary | HW | ST | AA | BA | EA | Neutral | Enduraline | Blackline











Diameter mm	Cutting width mm	Body thickness mm	Hub thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
350	5	3,5		150	P=2/11/170	36	AA	27
350	4,7	3,5		150	P=2/11/170	32	AA	25
400	5,2	3,8		72	P=4/13/140	40	AA	27
400	5,2	3,8		146	P=6/13/172	40	AA	27
400	5,2	3,8		146	P=6/13/172	40	BA	27
450	5	3,8		146	P=6/13/172	46	AA	12
450	5	3,8		146	P=6/13/172	48	AA	12
450	4,7	3,5		146	P=6/13/172	48	AA	12
450	5,4	3,8		146	P=6/13/172	48	BA	12
500	5	3,5		SPL2		60	BA	3
500	5	3,5		SPL2		60	BA	20
500	5	3,5		SPL2		60	BA	12
500	5	3,5		SPL2		48	BA	12
500	5	3,5		SPL2		60	EA	12
500	4,9	3,5		SPL2		48	BA	25

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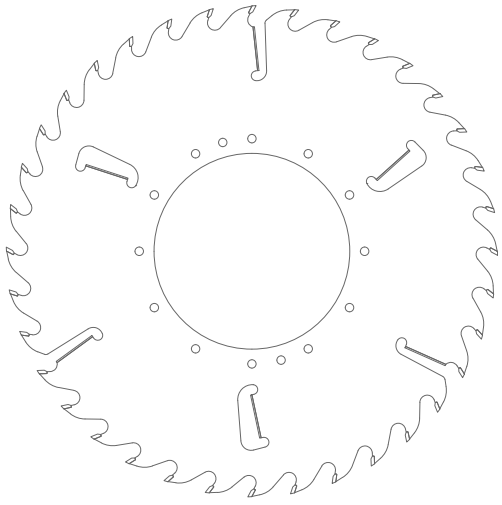
DOUBLE ARBOUR



For maximum yield, speed and endurance

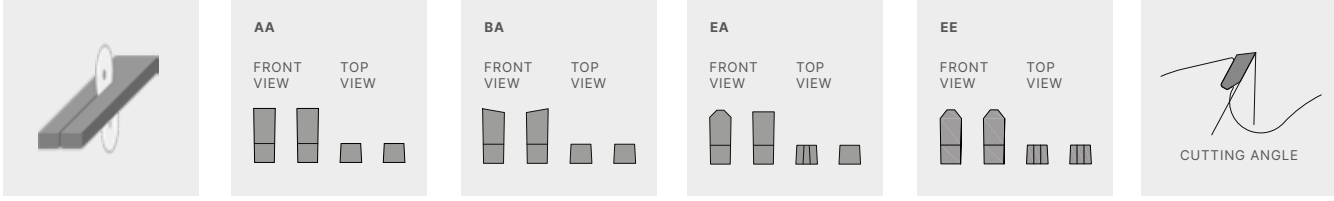
Application:
For splitting in double arbour machines in sawmills

Workpiece material:
Solid round logs wet

Technical information:
For fast and exact splitting

Machine:
HewSaw, USNR, LINCK, Heinola, EWD, SAB

Primary | HW | AA | BA | EA | EE | Neutral | Blackline | Enduraline



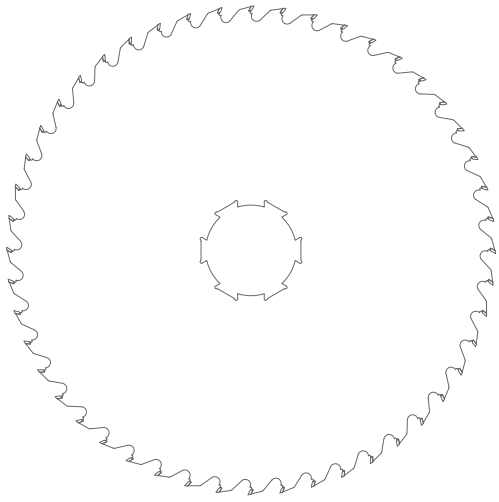
Diameter mm	Cutting width mm	Body thickness mm	Hub thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
351	3,6	2,4		70	P=1/6,5/90	24	AA	25
351	4	2,8		70	P=1/6,5/90	24	AA	30
351	4,1	2,8		70	P=1/6,5/90	30	AA	30
351	3,6	2,4		70		24	AA	30
351	3,8	2,6		70		28	AA	25
351	4	2,4		70		24	AA	30
352	3,8	2,6		99		30	AA	25
352	3,8	2,6		99		30	AA	25
401	4,7	3,4		70		30	AA	25
401	4,7	3,4		70		30	AA	25
401	4,6	3,4		70		30	AA	25
450	3,2	2		99		30	AA	30
451	4,2	2,8		115,2	P=8/11/130+8/9/160/22,5+2/8,5/130/22,5	33	AA	30
451	4,7	3,2		115,2	P=8/11/130+2/8,3/130/22,5	24	AA	30
451	5	3,4		115,2	P=2/10,5/130+8/11/130	24	AA	30
451	4,2	2,8		200,3	P=12/9,2/230+2/9,2/230	39	AA	30

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

Diameter mm	Cutting width mm	Body thickness mm	Hub thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
452	4,2	2,6		99		30	EE	25
452	4,6	3		99		30	EE	25
460	3,6	2,4		150	K=4/37/10	30	AA	27
477	5,4	3,6		120	S=8/18/156/26,5/R	30	AA	25
477	5,4	3,6		120	S=8/18/156/26,5/L	30	AA	25
485	5,2	3,6		120	S=8/19/156/25,5/L	28	AA	27
485	5,2	3,6		120	S=8/19/156/25,5/R	28	AA	27
485	4	2,8		SPEC		24	AA	25
485	4	2,8		SPEC		30	AA	25
500	4	2,7		120	S=5/17/156/22/L+10/17/260/22/L	33	AA	30
500	4	2,7		120	S=5/17/156/22/R+10/17/260/22/R	33	AA	30
500	4,4	3		124	P=4/12,5/156+4/18/156+8/12,5/230	30	AA	30
500	4	2,7		120	S=5/17/156/22/L+10/17/260/22/L	33	AA	30
500	4	2,7		120	S=5/17/156/22/R+10/17/260/22/R	33	AA	30
502	4,1	2,8		200	P=12/8,3/230+2/8,3/230	30	AA	30
502	3,9	2,6		260,3	P=16/8,3/290	48	AA	27
502	3,7	2,4		260	P=16/8,3/290	60	AA	25
502	4,7	3,2		115	P=8/8,3/160+8/10,3/130	30	AA	27
502	4,3	2,8		200	P=12/8,3/230+2/8,3/230	48	AA	27
502	4,1	2,6		200	P=12/8,3/230+2/8,3/230	60	AA	25
505	4,1	2		150	K=2/37/10+2/37/10	30	AA	25
520	4,2	2,9		160	K=2/23/12/30 P=6/11,5/182,5+6/11,5/238/30	36	AA	25
540	5,3	3,8		120	S=8/19,4/156/26/L + 8/19,4/156/26/R	30	AA	30
540	5,3	3,8	6,8	120	P=4/18/158 S=8/13/156/26/R	36	AA	30
540	5,3	3,8	6,8	120	P=4/18/158 S=8/13/156/26/L	36	AA	30
540	5,4	3,8	6,8	120	P=4/18/158 S=8/13/156/26/L	30	BA	27
540	5,4	3,8	6,8	120	P=4/18/158 S=8/13/156/26/R	30	BA	27
540	5,3	3,8		120	S=8/19,4/156/26/L+8/19,4/156/26/R	24	AA	30
540	4,4	3		120	S=5/16,5/156/22/L+10/16,5/260/22/L	30	AA	30
540	4,4	3		120	S=5/16,5/156/22/R+10/16,5/260/22/R	30	AA	30
540	4,4	3		120	P=4/18/156 S=4/15/156/21/L+10/15/260/21/L	30	AA	30
540	4,4	3		120	P=4/18/156 S=4/15/156/21/R+10/15/260/21/R	30	AA	30
543	4,2	2,8		160	P=12/10/240	30	AA	30
556	4	2,8		160	P=12/10/240	42	AA	25
556	3,8	2,6		160	P=12/10/240	42	AA	25
556	4,6	3,2		160	P=12/10/240	30	AA	30
558	4,6	3,2		160	P=12/11,5/200	42	AA	30
570	4,2	2,8		220	P=16/8,8/250	30	AA	27
601	5	3,4		115,2	P=8/9/160	30	AA	30
601	4,6	3,2		200,3	P=1/6,2/230+2/9/230+12/9/230	42	AA	30
602	4,5	3		115	P=8/8,3/160	36	AA	27
602	4,3	2,8		200	P=2/8,3/230+12/8,3/230	54	AA	27
602	4,1	2,6		260	P=16/8,3/290	72	AA	25
670	5,8	4,4		185	P=12/12,2/210	40	AA	27

micor
CIRCULAR SAW BLADES

SPLITTING



For high feed rates

Application:
For splitting in sawmills

Workpiece material:
Solid wood wet

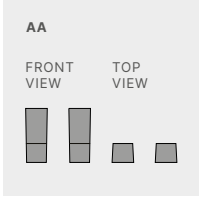
Technical information:
For fast and exact splitting

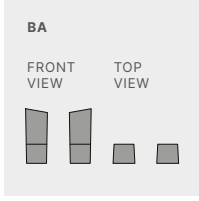
Machine:
AriVislanda

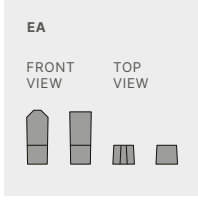
Tooth with chip-breaker in sawbody. Standard execution used in winter conditions.

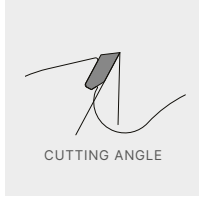
Tooth with chip-breaker in tip. Used in winter conditions when a chipbreaker on the sawtip is preferd.

Tooth without chipbreaker. Standard execution when sawing under temperate conditions.





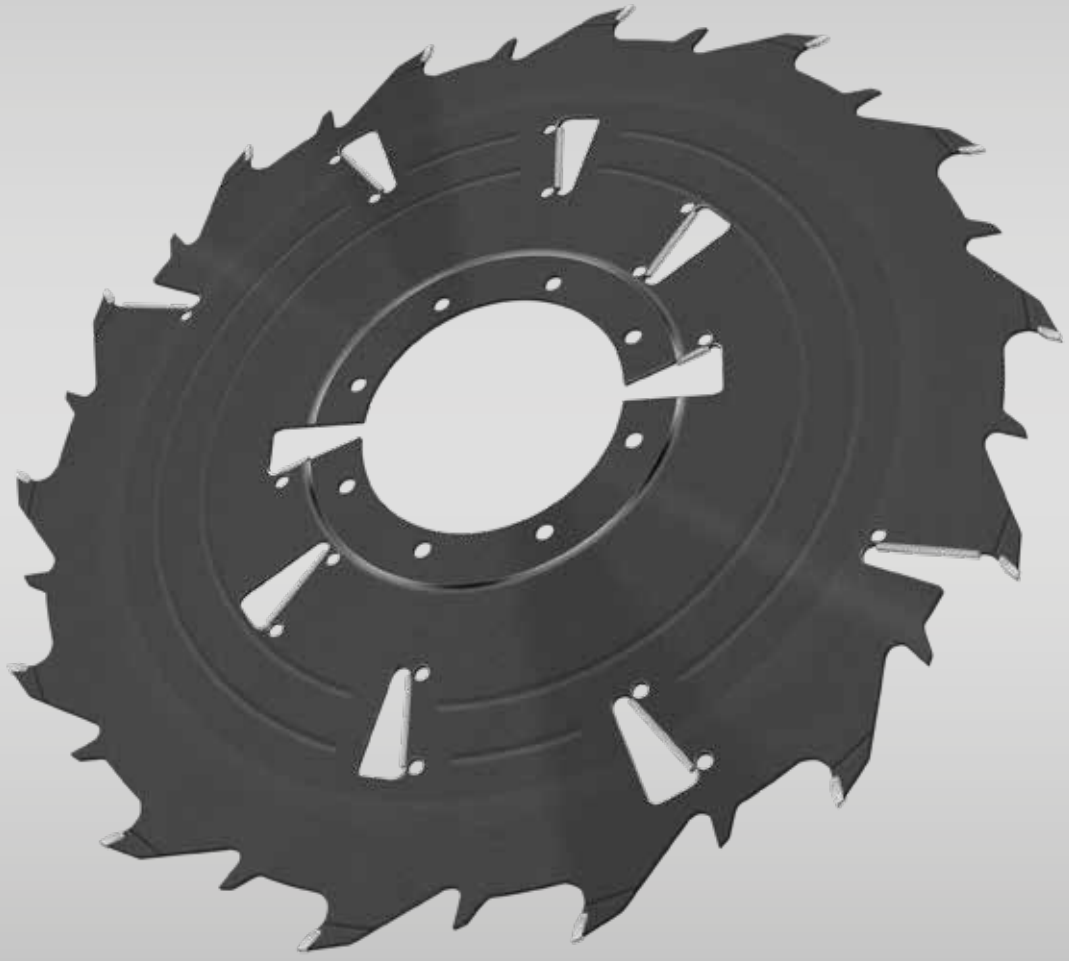




Diameter mm	Cutting width mm	Body thickness mm	Hub thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
600	4,4	3		CD/SPL		46	AA/BA/EA	27/28/30
600	4,4	3		CD/SPL		52	AA/BA/EA	27/28/30
600	4,2	2,8		CD/SPL		44	AA/BA/EA	27/28/30
600	3,8	2,5		CD/SPL		44	AA/BA/EA	27/28/30
700	4,4	3		CD/SPL		48	AA/BA/EA	27/28/30
700	4,4	3		CD/SPL		48	AA/BA/EA	27/28/30
700	4,2	2,8		CD/SPL		48	AA/BA/EA	27/28/30
700	4,2	2,8		CD/SPL		48	AA/BA/EA	27/28/30
700	4,4	3		CD/SPL		48	AA/BA/EA	27/28/30
700	4,4	3		CD/SPL		48	AA/BA/EA	27/28/30
700	4,2	2,8		CD/SPL		48	AA/BA/EA	27/28/30
700	4,2	2,8		CD/SPL		48	AA/BA/EA	27/28/30
710	4,4	3		CD/SPL		48	AA/BA/EA	27/28/30
710	4,2	2,8		CD/SPL		48	AA/BA/EA	27/28/30
730	5,1	3,6		CD/SPL		48	AA/BA/EA	27/28/30

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

HDS
SAWMILL TOOLS



STABILO

Introducing the high performing Stabilo saw blade with steb blade technology. Enables thin cut, high speed applications and long running hours. Also stable at large cutting heights. No use of distance rings needed, easier handling.

STABILO TETRA CC

Dimensions	
Diameter	490.0 mm
Kerf	3.3 mm
Saw body thickness	2.3 mm
Bore	150.0 mm
Key ways	2+2
Pin-/countersunk holes	0

Cutting material	ST
Number of teeth	32+4
Tooth form	F
Tooth type	4

AST-Type	BSEF
Collar diameter	313.0 mm
Collar thickness	5.3 mm

COOL CUT CC

STABILO TETRA dCC

Dimensions	
Diameter	520.0 mm
Kerf	4.0 mm
Saw body thickness	2.6 mm
Bore	125.0 mm
Key ways	0
Pin-/countersunk holes	4+8

Cutting material	TCT
Number of teeth	36+4
Tooth form	W
Tooth type	4

AST-Type	ESEF
Collar diameter	190.0 mm
Collar thickness	6.0 mm

COOL CUT dCC

STABILO TETRA

Dimensions	
Diameter	540.0 mm
Kerf	4.0 mm
Saw body thickness	2.6 mm
Bore	150.0 mm
Key ways	2+2
Pin-/countersunk holes	0

Cutting material	TCT
Number of teeth	18+4
Tooth form	F
Tooth type	4

AST-Type	BSEF
Collar diameter	260.0 mm
Collar thickness	4.0 mm

STABILO TETRA

Dimensions	
Diameter	540.0 mm
Kerf	3.6 mm
Saw body thickness	2.3 mm
Bore	150.0 mm
Key ways	2+2
Pin-/countersunk holes	0

Cutting material	TCT
Number of teeth	46+4
Tooth form	F
Tooth type	4

AST-Type	ESEF
Collar diameter	324.0 mm
Collar thickness	4.6 mm

COOL CUT CC

STABILO HEXA

Dimensions	
Diameter	505.0 mm
Kerf	5.0 mm
Saw body thickness	3.6 mm
Bore	120.0 mm
Key ways	0
Pin-/countersunk holes	8

Cutting material	TCT
Number of teeth	38+6
Tooth form	F
Tooth type	4

AST-Type	ESEF
Collar diameter	285.0 mm
Collar thickness	6.8 mm

STABILO HEXA CC PLUS

Dimensions	
Diameter	507.0 mm
Kerf	5.2 mm
Saw body thickness	3.65 mm
Bore	120.0 mm
Key ways	0
Pin-/countersunk holes	4+8

Cutting material	TCT
Number of teeth	18+6
Tooth form	F
Tooth type	4 Plus

Features	
Expansion slots	2

AST-Type	ESZF
Collar diameter	186.5 mm
Collar thickness	6.8 mm

COOL CUT CC

STABILO HEXA PLUS

Dimensions	
Diameter	507.0 mm
Kerf	5.2 mm
Saw body thickness	3.65 mm
Bore	120.0 mm
Key ways	0
Pin-/countersunk holes	4+8

Cutting material	TCT
Number of teeth	18+6
Tooth form	F
Tooth type	4 Plus

Features	
Expansion slots	2

AST-Type	ESZF
Collar diameter	186.5 mm
Collar thickness	6.8 mm

STABILO HEXA CC

Dimensions	
Diameter	540.0 mm
Kerf	5.0 mm
Saw body thickness	3.7 mm
Bore	160.0 mm
Key ways	2
Pin-/countersunk holes	8

Cutting material	TCT
Number of teeth	50+6
Tooth form	F
Tooth type	4

AST-Type	ESEF
Collar diameter	310.0 mm
Collar thickness	6.8 mm

COOL CUT CC

STABILO HEXA CC PLUS

Dimensions	
Diameter	540.0 mm
Kerf	4.0 mm
Saw body thickness	2.5 mm
Bore	150.0 mm
Key ways	2+2
Pin-/countersunk holes	0

Cutting material	TCT
Number of teeth	46+6
Tooth form	F
Tooth type	4 Plus

AST-Type	ESEF
Collar diameter	285.0 mm
Collar thickness	4.5 mm

COOL CUT CC

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

STABILO HEXA

Dimensions	
Diameter	565.0 mm
Kerf	5.2 mm
Saw body thickness	3.4 mm
Bore	160.0 mm
Key ways	2
Pin-/countersunk holes	6+12

Cutting material	TCT
Number of teeth	42+6
Tooth form	F
Tooth type	4
Features	
Expansion slots	2

AST-Type	BSEF
Collar diameter	205.0 mm
Collar thickness	7.0 mm

STABILO HEXA CC

Dimensions	
Diameter	585.0 mm
Kerf	5.0 mm
Saw body thickness	3.6 mm
Bore	145.0 mm
Key ways	0
Pin-/countersunk holes	16

Cutting material	TCT
Number of teeth	18+6
Tooth form	F
Tooth type	4
Features	
Expansion slots	2

AST-Type	ESEF
Collar diameter	200.0 mm
Collar thickness	6.0 mm

COOL CUT CC

STABILO HEXA CC

Dimensions	
Diameter	585.0 mm
Kerf	5.0 mm
Saw body thickness	3.6 mm
Bore	145.0 mm
Key ways	0
Pin-/countersunk holes	16

Cutting material	TCT
Number of teeth	18+6
Tooth form	F
Tooth type	4
Features	
Expansion slots	2

AST-Type	ESEF
Collar diameter	200.0 mm
Collar thickness	6.0 mm

COOL CUT CC

STABILO HEXA

Dimensions	
Diameter	643.0 mm
Kerf	5.8 mm
Saw body thickness	3.8 mm
Bore	160.0 mm
Key ways	2
Countersunk-/threaded holes	6+12

Cutting material	TCT
Number of teeth	24+6
Tooth form	F
Tooth type	4

AST-Type	ESZF
Collar diameter	205.0 mm
Collar thickness	7.0 mm

STABILO OCTO dCC

Dimensions	
Diameter	555.0 mm
Kerf	5.5 mm
Saw body thickness	4.1 mm
Bore	120.0 mm
Key ways	0
Pin-/countersunk holes	8

Cutting material	TCT
Number of teeth	20+8
Tooth form	F
Tooth type	4

AST-Type	ESEF
Collar diameter	220.0 mm
Collar thickness	7.0 mm

DOUBLE COOL CUT dCC

STABILO OCTO dCC PLUS

Dimensions	
Diameter	595.0 mm
Kerf	5.4 mm
Saw body thickness	4.2 mm
Bore	150.0 mm
Key ways	0
Countersunk-/threaded holes	6+6

Cutting material	TCT
Number of teeth	22+8
Tooth form	F
Tooth type	4 Plus

AST-Type	ESEF
Collar diameter	200.0 mm
Collar thickness	7.2 mm

DOUBLE COOL CUT dCC

STABILO OCTO

Dimensions	
Diameter	630.0 mm
Kerf	5.4 mm
Saw body thickness	3.8 mm
Bore	150.0 mm
Key ways	2
Pin-/threaded holes	2+8

Cutting material	TCT
Number of teeth	20+8
Tooth form	F
Tooth type	4

AST-Type	ESZF
Collar diameter	200.0 mm
Collar thickness	7.0 mm

STABILO DECA PLUS

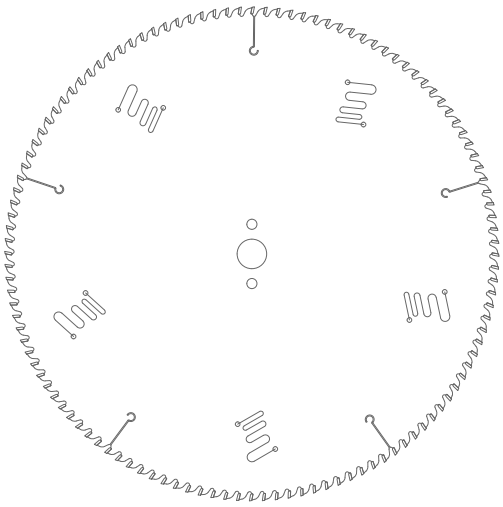
Dimensions	
Diameter	648.0 mm
Kerf	5.4 mm
Saw body thickness	3.65 mm
Bore	160.0 mm
Key ways	0
Pin-/countersunk holes	8

Cutting material	TCT
Number of teeth	14+10
Tooth form	W
Tooth type	4 Plus

AST-Type	ESZF
Collar diameter	220.0 mm
Collar thickness	6.8 mm

Features	
Expansion slots	2

TRIM AND CUT OFF



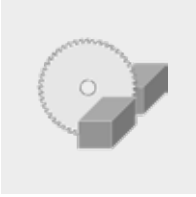
For high feed rates

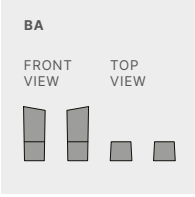
Application:
For trimming and cross cutting

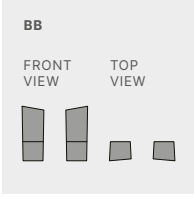
Workpiece material:
Solid wood profiles wet or dry

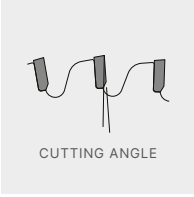
Technical information:
For fast cross cutting machines. Standard with tooth shape BA with alternating top angel 10° bevel for tear-free cuts. Finecut with tooth shape BB with alternating top and alternating front angel. Negativ rake angel for machines using down cut feed and positiv rake angel for machines using up cut feed.

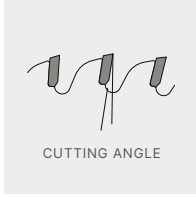
Machine:
Trimming and cut off saws











Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
Trim/cut	305	4	3	30		100	BB	8
Trim/cut	305	3,5	2,5	30		100	BB	8
Trim/cut	350	3,5	2,5	50		84	BB	8
Trim/cut	400	3,5	2,8	30	P=2/10/90	120	BB	10
Trim/cut	400	3,5	2,8	30		120	BB	12
Trim/cut	450	4	2,8	30		120	BB	10
Trim/cut	455	3,5	2,7	25,4		120	BB	10
Trim/cut	500	4	2,8	50		120	BB	8
Trim/cut	500	4,2	2,8	50	P=1/13/80	120	BB	8
Trim/cut	500	4,3	3	50	P=1/13/80	120	BB	8
Trim/cut	500	4	2,8	50	P=1/13/80	120	BB	8
Trim/cut	500	4,2	3,2	50		132	BB	12
Trim/cut	500	4,2	3,2	50		132	BB	12
Trim/cut	500	4,2	3,2	50	P=1/13/80	120	BB	12
Trim/cut	500	4,2	3,2	50		100	BB	12
Trim/cut	500	4,2	3,2	90		132	BB	12

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
Trim/cut	500	4,2	3,2	30	P=1/10/76	132	BB	12
Trim/cut	500	4	2,8	50		120	BB	12
Trim/cut	500	4	2,8	30		100	BB	12
Trim/cut	500	4,2	3,2	30	P=2/10/60/18	132	BB	12
Trim/cut	500	3,4	2,4	70	P=6/8/220	132	BB	12
Trim/cut	520	4,2	3,2	30	P=1/10/76	100	BB	12
Trim/cut	550	5,2	3,4	30	P=2/10/60	160	BB	8
Trim/cut	550	4,2	3,2	40	P=1/12/128	80	BB	12
Trim/cut	610	6,2	3,8	30	P=1/18,3/100	72	BB	12
Trim/cut	620	6,2	3,8	30	P=1/18,3/100	72	BB	12
Trim/cut	650	5	4	50	P=4/17/100	140	BB	10
Trim/cut	650	6	3,8	30	P=1/18,3/100	80	BB	12
Trim/cut	750	4,6	3,8	40	P=2/12/90	220	BB	10

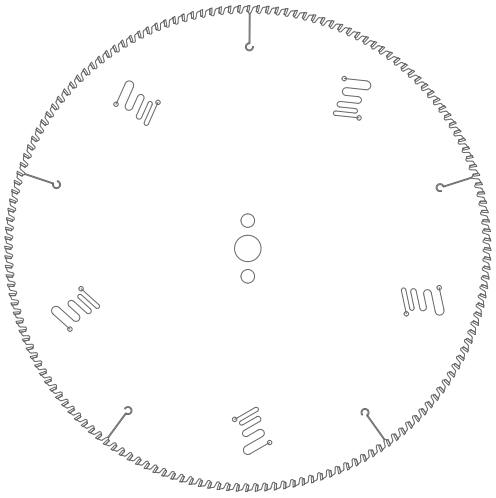
Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
Trim/cut	300	3,2	2,2	30	P=2/10/60+2/7/42+2/9/46	96	BA	10
Trim/cut	300	3,2	2,2	30	P=2/10/60+2/7/42+2/9/46	72	BA	10
Trim/cut	300	3,2	2,2	30	P=2/10/60+2/7/42+2/9/46	60	BA	10
Trim/cut	300	3,2	2,2	30	P=2/10/60+2/7/42+2/9/46	48	BA	10
Trim/cut	350	3,5	2,5	30	P=2/10/60+2/7/42+2/9/46	84	BA	10
Trim/cut	350	3,5	2,5	30	P=2/10/60+2/7/42+2/9/46	72	BA	10
Trim/cut	350	3,5	2,5	30	P=2/10/60+2/7/42+2/9/46	56	BA	10
Trim/cut	400	4	2,8	30	P=2/10/60	96	BA	10
Trim/cut	400	3,5	2,5	30	P=2/10/60	80	BA	10
Trim/cut	400	3,5	2,5	40	P=2/10/60	80	BA	10
Trim/cut	400	3,5	2,5	50	P=2/10/60	80	BA	10
Trim/cut	400	3,5	2,5	60	P=2/10/60	80	BA	10
Trim/cut	400	3,5	2,5	35		64	BA	10
Trim/cut	400	3,5	2,5	40		64	BA	10
Trim/cut	400	3,5	2,5	50		64	BA	10
Trim/cut	450	4	2,8	30		90	BA	10
Trim/cut	450	4	2,8	32		90	BA	10
Trim/cut	450	4	2,8	35	P=1/10,5/80	90	BA	10
Trim/cut	450	4	2,8	70	P=1/9/81+5/25/349	90	BA	10
Trim/cut	450	4	2,8	30	P=1/18/60	72	BA	10
Trim/cut	500	4	2,8	30		160	BA	10
Trim/cut	500	4	2,8	30		144	BA	10
Trim/cut	500	4,4	3,2	30	P=2/10/60	120	BA	10
Trim/cut	500	4	2,8	30		100	BA	10
Trim/cut	500	4,4	3,2	35		108	BA	10
Trim/cut	550	4	3,4	30		172	BA	10
Trim/cut	550	5,2	3,6	30	P=2/15/63	160	BA	10
Trim/cut	550	4,4	3,5	30	P=2/10/198	144	BA	10
Trim/cut	550	4,5	3,2	40		120	BA	10
Trim/cut	550	4,4	3	30		108	BA	10
Trim/cut	550	4	3	30		90	BA	10
Trim/cut	600	5,4	4	30	P=2/10/60	172	BA	10
Trim/cut	600	5,4	4	30		144	BA	10
Trim/cut	600	5	3,8	80		134	BA	10
Trim/cut	600	4,4	3	30		120	BA	10
Trim/cut	600	4,4	3	30	P=1/13/60	96	BA	10

Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
Trim/cut	650	4,8	3,5	30		140	BA	10
Trim/cut	650	4,4	3	35		108	BA	10
Trim/cut	700	4,5	3,5	30	P=2/10/80	144	BA	10
Trim/cut	700	5,5	4,4	30		120	BA	10
Trim/cut	700	4,4	3	30		116	BA	10
Trim/cut	750	5	4	50		168	BA	10

Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
Trim/cut	400	3,5	2,5	30	P=1/8/60	96	BA	N05
Trim/cut	400	3,5	2,5	30	P=2/10/60	64	BA	N05
Trim/cut	400	3,5	2,5	30	P=2/10/60+2/7/42+2/9/46	80	BA	N05
Trim/cut	400	4,4	3,2	30	P=2/10/60	68	BA	N05
Trim/cut	400	3,5	2,5	30	P=2/10/60+2/7/45+2/9/46+2/10,5/80+1/10,5/80	64	BA	N05
Trim/cut	400	3,5	2,5	40	P=2/10/60	64	BA	N05
Trim/cut	400	3,5	2,5	35		80	BA	N05
Trim/cut	400	3,5	2,5	30	P=2/10/60+2/7/42+2/9/46	96	BA	N05
Trim/cut	450	4	2,8	30		90	BA	N05
Trim/cut	450	4	2,8	30		72	BA	N05
Trim/cut	450	4,2	3,2	50		90	BA	N05
Trim/cut	450	4	2,8	40	P=2/11/75	90	BA	N05
Trim/cut	450	4	2,8	40	P=1/13/75	90	BA	N05
Trim/cut	450	4	2,8	35		108	BA	N05
Trim/cut	450	3,5	2,5	40	P=4/10/120/45+2/10/90/90	70	BA	N05
Trim/cut	450	3,8	2,8	30		112	BA	N05
Trim/cut	450	4	2,8	35		90	BA	N05
Trim/cut	450	4	2,8	40		108	BA	N05
Trim/cut	450	4	2,8	50		90	BA	N05
Trim/cut	450	4	2,8	95		90	BA	N05
Trim/cut	450	4	2,8	28		72	BA	N05
Trim/cut	450	4	2,8	40		90	BA	N05
Trim/cut	450	4	2,8	35		72	BA	N05
Trim/cut	450	4	2,8	30	P=2/9/60/0	72	BA	N05
Trim/cut	450	4	2,8	30	P=1/14/68	72	BA	N05
Trim/cut	450	4	2,8	30	P=1/12/88.74/0	72	BA	N05
Trim/cut	450	4	2,8	40	P=1/12/76/0	108	BA	N05
Trim/cut	450	4	2,8	40	P=1/13/75	108	BA	N05
Trim/cut	450	4	2,8	30	P=2/15/63	108	BA	N05
Trim/cut	500	4	2,8	30		80	BA	N05
Trim/cut	500	4	2,8	50		80	BA	N05
Trim/cut	500	4	2,8	30		100	BA	N05
Trim/cut	500	5	3,8	30		100	BA	N05
Trim/cut	500	4	2,8	50	P=1/13/80	120	BA	N05
Trim/cut	500	4	2,8	30		120	BA	N05
Trim/cut	500	4	2,8	60		120	BA	N05
Trim/cut	500	4	2,8	40	P=1/12/76	80	BA	N05
Trim/cut	500	4	2,8	30	P=2/10/60+2/7/42+2/9/46	100	BA	N05
Trim/cut	500	4,4	3,8	30		144	BA	N05
Trim/cut	500	4	2,8	90		120	BA	N05
Trim/cut	500	4	2,8	35		100	BA	N05
Trim/cut	500	4,2	2,8	30		120	BA	N05

micor
CIRCULAR SAW BLADES

OPTICUT



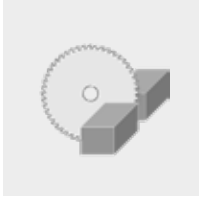
For high feed rates

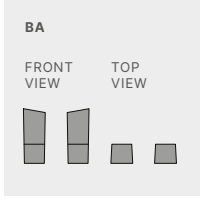
Application:
For trimming and cross cutting with short cycle times

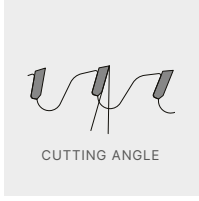
Workpiece material:
Solid wood wet profiles wet or dry

Technical information:
For fast cross cutting and optimizing machines.
Aggressive top angle with 20° bevel for tear-free cuts

Machine:
Trimming and optimizing saws







Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
Dimter,System TM	400	3,5	2,8	30	P=2/10/60+2/15/63+2/10/150+2/10/198	120	BA(20)	10
Dimter,System TM	400	3,5	2,8	30	P=2/10/60+2/15/63+2/10/150+2/10/198	140	BA(20)	10
Dimter,System TM	450	3,5	2,8	30	P=2/10/60+2/15/63+2/10/150+2/10/198	158	BA(20)	10
Dimter	450	3,9	3,2	30	P=2/15/63	136	BA(20)	10
Dimter,System TM	450	4,8	3,5	30	P=2/10/60+2/15/63+2/10/150+2/10/198	138	BA(20)	10
Dimter	450	5	3,2	30	P=2/10/60+2/15/63	108	BA(20)	10
Dimter,System TM	500	4,8	3,5	30	P=2/10/60+2/15/63+2/10/150+2/10/198	144	BA(20)	10
Dimter	500	4,8	3,5	35	P=2/10/60+2/15/63	144	BA(20)	10
Dimter	500	5,2	3,2	30	P=2/10/60+2/15/63	120	BA(20)	10
Dimter	520	4,6	3,4	30	P=2/10/60+2/15/63	144	BA(20)	10
Dimter	550	5	3,2	30	P=2/10/60+2/15/63	96	BA(20)	10
Dimter	550	5,2	3,2	30	P=2/10/60+2/15/63	120	BA(20)	10
Dimter,System TM	550	5,2	3,2	30	P=2/10/60+2/15/63+2/10/150+2/10/198	160	BA(20)	10
Dimter	600	5,4	4	30	P=2/10/60+2/15/63	172	BA(20)	10
Dimter	600	5,8	4	30	P=2/10/60+2/15/63	108	BA(20)	10
Dimter	630	5,4	4	30	P=2/10/60+2/15/63	180	BA(20)	10
Dimter	700	5,5	4	30	P=2/15/63	200	BA(20)	10

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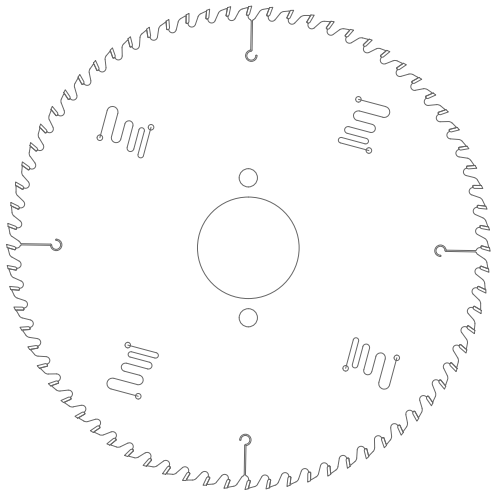
micor
CIRCULAR SAW BLADES

PANEL SIZING



For sizing of single board or stacks

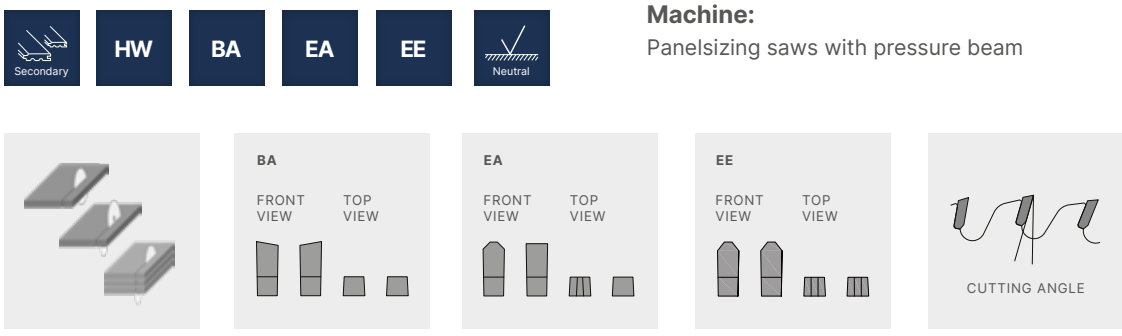
Application:
For sizing of panels, stacks or single

Workpiece material:
Chipboard and fibre materials paper and plastic coated, laminated veneer lumber (e.g. plywood, multiplex plywood)

Technical information:

- Tooth shape EA recomended for chipboard and fibre materials paper and plastic coated, veneered and machines with scoring.
- Tooth shape BA recomended for chipboard and fibre materials, laminated veneer lumber (e.g. plywood, multiplex plywood) and machines with and without scoring.
- Tooth shape EE special cutting geometry for excellent cutting results in finish cut quality. Suitable for high feed speeds in batch size 1 production.

Machine:
Panelsizing saws with pressure beam



Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
	300	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60	60	EA	15
Homag	300	4,4	3,2	60	P=2/14/100	72	EA	15
Selco	300	4,4	3,2	65	P=2/9/110	60	EA	15
Homag	300	4,4	3,2	75		60	EA	15
Gabbiani, SCM	300	4,4	3,2	80	P=2/14/110+2/7/110 +4/9/100+4/19/120+2/9/130	60	EA	15
Homag	308	3,2	2,4	60	P=2/14/100	96	EA	15
Homag	310	4,4	3,2	60	P=2/14/100	72	EA	15
Felder, Mayer	320	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60	60	EA	15
Selco	320	4,4	3,2	65	P=2/9/110	60	EA	15
Gabbiani, SCM	320	4,4	3,2	80	P=2/14/110+2/7/110 +4/9/100+4/19/120+2/9/130	60	EA	15
Gabbiani, SCM	340	4,4	3,2	80	P=2/14/110+2/7/110 +4/9/100+4/19/120+2/9/130	72	EA	15
Holz-Her, Mayer, Schelling	350	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60+2/13/94	72	EA	15
Homag	350	4,4	3,2	60	P=2/14/100	72	EA	15
Homag	350	4,4	3,2	75		72	EA	15
Gabbiani, SCM	350	4,4	3,2	80	P=4/9/100+2/7/110+2/14/110	72	EA	15
Selco	355	4,4	3,2	65	P=2/9/110+2/9/100	72	EA	15

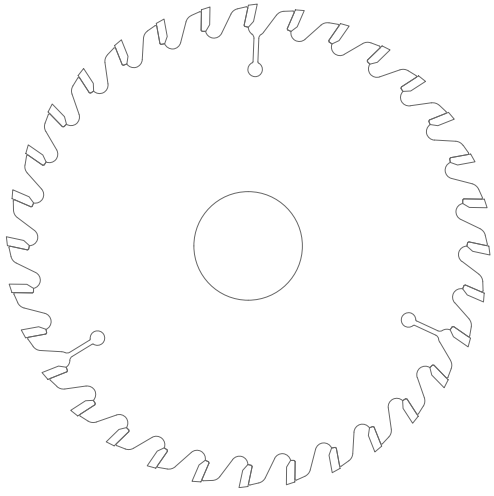
IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
Giben, Homag	355	4,4	3,2	75		72	EA	15
Schelling	360	4,4	3,2	30	P=2/13/94	72	EA	15
Selco	360	4,4	3,2	65	P=2/9/100+2/9/110	72	EA	15
	370	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60+2/13/94	72	EA	15
Giben	380	4,4	3,2	50	P=2/13/80+6/13/80	72	EA	15
Homag	380	4,4	3,2	60	P=2/14/100+2/14/125	72	EA	15
Selco	380	4,4	3,2	65	P=2/9/110	72	EA	15
Homag	380	4,8	3,5	60	P=2/14/100+2/14/125	72	EA	15
Giben	380	4,4	3,2	75	P=3/15/75+2/7/110	72	EA	15
Gabbiani, SCM	380	4,4	3,2	80	P=2/14/110+2/7/110 +4/9/100+4/19/120+2/9/130	72	EA	15
Mayer, Schelling	400	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60+2/13/94	72	EA	15
Anthon	400	4,4	3,2	60	P=2/11/85	72	EA	15
Giben, Homag	400	4,4	3,2	75	P=4/15/105+2/7/110	72	EA	15
Gabbiani,Selco,SCM	400	4,4	3,2	80	P=2/7/110+4/9/100+4/19/120 +2/9/130+2/14/110	72	EA	15
Homag	420	4,8	3,5	60	P=2/14/125+2/19/120	72	EA	15
Schelling	430	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60	72	EA	15
Giben	430	4,4	3,2	75	P=4/15/105+2/7/110	72	EA	15
Gabbiani,Selco,SCM	430	4,4	3,2	80	P=2/7/110+4/9/100+4/19/120 +2/9/130+2/14/110	72	EA	15
Mayer, Schelling	450	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60+2/13/94	72	EA	15
Homag	450	4,8	3,5	60	P=2/14/125+2/19/120	72	EA	15
Gabbiani, SCM	450	4,4	3,2	80	P=2/9/100+2/14/110+2/7/110	72	EA	15
Selco	450	4,8	3,6	80	P=2/9/130+4/19/120	72	EA	15
Schelling	460	4,4	3,2	30	P=2/13/94	72	EA	15
Giben	470	4,4	3,2	75	P=4/15/105	96	EA	15
Schelling	480	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60+2/13/94	72	EA	15
Homag	480	4,8	3,5	60	P=2/19/120	72	EA	15
Selco	480	4,8	3,5	80	P=2/9/130+4/19/120	72	EA	15
Schelling	500	5,2	3,5	30	P=2/7/42+2/9/46+2/10/60	60	EA	15
Anthon, Homag	500	5,2	3,5	60	P=2/11/115+2/19/120	60	EA	15
Selco	510	4,8	3,5	80	P=2/9/130+4/19/120	72	EA	15
Schelling	520	4,4	3,2	30	P=2/13/94	72	EA	15
Homag	520	4,8	3,5	60	P=2/11/115+2/19/120	72	EA	15
Selco	520	4,8	3,5	70	P=4/11/130	72	EA	15
Gabbiani, SCM	530	4,8	3,5	80	P=4/9/100+2/14/110+2/7/110	72	EA	15
Homag	570	4,8	3,5	60	P=2/11/115+2/19/120	60	EA	22
Homag, Anthon	600	5,8	4	60	P=2/19/120+2/11/115+2/11/85	60	EA	22
Homag, Anthon	600	5,8	4	60	P=2/19/120+2/11/115+2/11/85	72	EA	22
Homag	670	5,8	4,2	60	P=2/11/148+2/19/120	42	EA	22
Schelling	680	6,2	4,2	40	P=2/13/114+2/13/140	60	EA	22
Anthon	700	6,2	4,4	80	P=1/17/110	60	EA	22
Scheeling	720	6,5	4,5	40	P=2/13/140+2/13/114	60	EA	22
Homag	730	6,2	4,2	60	P=2/11/148+2/19/120	60	EA	22
Anthon	750	7	5	80	P=1/17/110	70	EA	22

Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
	300	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60	48	BA	15
Holz-Her,Mayer,Schelling	350	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60+2/13/94	54	BA	15
Holz-Her,Mayer,Schelling	350	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60+2/13/94	72	BA	15
Homag	350	4,4	3,2	60	P=2/14/100	72	BA	15
Gabbiani, SCM	350	4,4	3,2	80	P=2/14/110+2/7/110 +4/9/100	54	BA	15
Mayer/Schelling	355	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60+2/13/94	72	BA	15
Holz-Her,Giben,Homag	380	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60 +4/9/100+2/14/100+2/14/125	72	BA	15
Homag	380	4,8	3,5	60	P=2/14/100+2/14/125	54	BA	15
Mayer, Schelling	400	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60+2/13/94	60	BA	15
Mayer, Schelling	400	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60+2/13/94	72	BA	15
Schelling	430	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60	72	BA	15
Mayer, Schelling	450	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60+2/13/94	54	BA	15
Mayer, Schelling	450	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60+2/13/94	72	BA	15
Schelling	480	4,4	3,2	30	P=2/7/42+2/9/46+2/10/60+2/13/94	72	BA	15
Schelling	500	5,2	3,5	30	P=2/7/42+2/9/46+2/10/60	60	BA	15
	500	5,2	3,5	80		60	BA	15
Schelling	520	4,4	3,2	30	P=2/13/94	72	BA	15
	550	5,2	3,5	30	P=2/7/42+2/9/46+2/10/60	60	BA	15
	550	5,2	3,5	80	P=2/13/100	60	BA	15

Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
	300	3,2	2.2	30	P=2/7/42+2/9/46+2/10/60	72	EE	15
	300	4,4	3.2	30	P=2/7/42+2/9/46+2/10/60	60	EE	15
Homag	300	4,4	3.2	60	P=2/14/100	72	EE	15
Selco	300	4,4	3.2	65	P=2/9/110	60	EE	15
Giben	320	4,4	3.2	50	P=3/15/80	60	EE	15
Homag	320	4,4	3.2	60	P=2/14/100	72	EE	15
Selco	320	4,4	3.2	65	P=2/9/110	60	EE	15
Giben	320	4,4	3,2	75	P=3/13/95+3/7/100	60	EE	15
SCM, Gabbiani	320	4,4	3.2	80	P=2/14/110+2/7/110+4/9/100 +4/19/120+2/9/130	60	EE	15
Holz-Her, Mayer, Schelling	350	4,4	3.2	30	P=2/7/42+2/9/46+2/10/60+ P=2/13/94	72	EE	15
Homag	350	4,4	3.2	60	P=2/14/100	72	EE	15
Giben	350	4,4	3,2	75		72	EE	15
Selco	355	4,4	3.2	65	P=2/9/100+P=2/9/110	72	EE	15
Schelling	360	4,4	3.2	30	P=2/13/94	72	EE	15
Holz-Her	380	4,4	3.2	30	P=2/7/42+2/9/46+2/10/60	72	EE	15
Giben	380	4,4	3,2	50	P=4/13/80	72	EE	15
Homag	380	4,4	3.2	60	P=2/14/100+2/14/125	72	EE	15
Selco	380	4,4	3.2	65	P=2/9/110	72	EE	15
Homag	380	4,8	3.5	60	P=2/14/100+2/14/125	72	EE	15
Homag	380	4,8	3,5	60	P=2/14/100+2/14/125	84	EE	15
Mayer,Schelling	400	4,4	3.2	30	P=2/7/42+2/9/46+2/10/60+ P=2/13/94	72	EE	15
Selco	400	4,4	3.2	65	P=2/9/110	72	EE	15
Selco	430	4,4	3.2	65	P=2/9/110	72	EE	15
SCM, Schelling,Selco	430	4,4	3,2	80	P=2/14/110+ P=2/7/110	72	EE	15
Selco	450	4,8	3,5	80	P=2/9/130+4/19/120	72	EE	15
Schelling	460	4,4	3.2	30	P=2/13/94	72	EE	15
Selco	470	4,8	3.5	70	P=4/11/130	72	EE	15
Anthon, Homag	500	4,8	3.5	60	P=2/11/115+2/19/120	72	EE	15
Schelling	520	4,8	3,5	30	P=2/13/94	72	EE	15

SCORING



For scoring prior to sizing

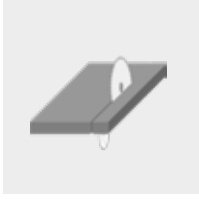
Application:
For scoring with feed

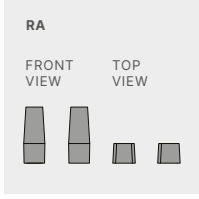
Workpiece material:
Chipboard and fibre materials paper and plastic coated, veneered, laminated veneer lumber (e.g. plywood, multiplex plywood)

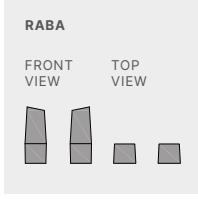
Technical information:
Scoring depth 1.50 - 2.00 mm. Tooth shape RABA for universal use in any surface coating. Tooth shape RA recommended especially for use in plastic and HPL-coated panels.The suitable scoring circular sawblade must be selected depending on the cutting width of the main saw

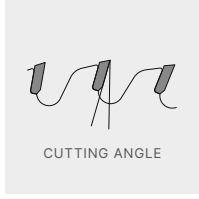
Machine:
Panel sizing saws with scoring unit and pressure beam

Secondary | HW | RA | RABA | Neutral









Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
	125	3,2	2,5	20		24	RABA	10
	125	3,2	2,5	22		24	RABA	10
Giben,Homag,Mayer	125	4,4	3,5	45		24	RABA	10
Schelling	150	4,4	3,5	20		24	RABA	10
Felder, Mayer	150	4,4	3,5	30		36	RABA	10
Felder, Mayer	150	4,4	3,5	30		24	RABA	10
Homag	150	4,4	3,5	45		24	RABA	10
Homag	150	4,4	3,5	45		28	RABA	10
	160	3,2	2,5	20		32	RABA	10
Steton	160	4,4	3,5	30		36	RABA	10
Giben	160	4,4	3,5	45	3/11/70	36	RABA	10
Gabbiani	160	4,4	3,5	55	3/7/66 3/6/84	36	RABA	10
	180	3,2	2,5	20		36	RABA	10
Holz-Her	180	3,2	2,5	30		36	RABA	10
	180	4,4	3,5	20		36	RABA	10
Anthon, Homag	180	4,4	3,5	45		30	RABA	10

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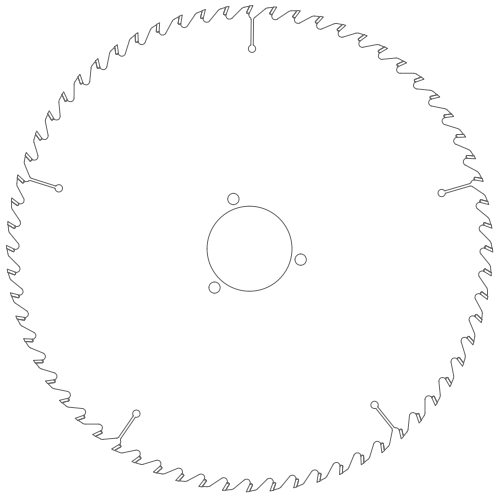
Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
Anthon, Homag	180	4,4	3,5	45		36	RABA	10
Giben	180	4,5	3,2	50	3/13/80	36	RABA	10
Schelling	200	4,4	3,5	20	2/11/66	36	RABA	10
	200	6,2	4,5	20	2/11/66	36	RABA	10
	200	3,2	2,5	30	2/10/60	60	RABA	10
	200	4,4	3,5	30	2/10/60	36	RABA	10
Schelling	200	4,8	3,5	20		36	RABA	10
Homag	200	4,4	3,5	45		36	RABA	10
Homag	200	5,8	4,6	45		36	RABA	10
Selco	200	4,4	3,5	65	2/9/100 2/9/110	36	RABA	10
Selco	200	4,8	3,5	65	2/9/100 2/9/110	36	RABA	10
Giben	215	4,4	3,5	50	3/15/80 2/7/80	42	RABA	10
Schelling	220	6,5	4,5	20	2/11/66	36	RABA	10
Homag	280	4,8	3,5	45		72	RABA	10
Schelling	300	4,4	3,5	30	2/11/73 2/13/94	48	RABA	10
Giben	300	4,4	3,5	50	3/15/80	48	RABA	10
Selco	300	4,4	3,5	65	2/9/100 2/9/110	72	RABA	10
Selco	300	4,4	3,5	65	3/15/80	48	RABA	10

Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
SCM	100	3,2	2,5	20		20	RA	10
	100	3,2	2,5	22		20	RA	10
	120	3,2	2,5	20		24	RA	10
	125	4,4	3,5	20		24	RA	10
Holz-Her	125	4,4	3,5	45		24	RA	10
Anthon	180	4,4	3,5	20		28	RA	10
Anthon	180	5,8	4	20		36	RA	10
Holz-Her	180	4,4	3,5	30	2/10/60	30	RA	10
Homag	180	4,4	3,5	45		36	RA	10
Homag	180	4,8	3,5	45		36	RA	10
Anthon	200	6,8	4,2	20		36	RA	10
Homag	200	4,8	3,5	45		36	RA	10
SCM	200	4,4	3,5	80	2/14/110	36	RA	10
Homag	220	3,2	2,4	45		60	RA	10
	250	4,4	3,5	30	2/10/60	42	RA	10
Holz-Her	280	4,4	3,5	30	2/10/60	48	RA	10
Schelling	300	3,2	2,8	30	2/13/94	72	RA	10

HIGH SPEED SPLITTING



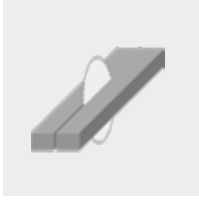
High speed splitting

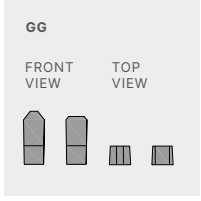
Application:
Splitting in planers often combined with radius tools on the sides to create a finsished product

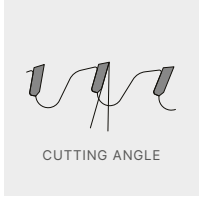
Workpiece material:
Solid wood

Technical information:
Specially designed cutting geometry to provide a ripped surface that looks planed. Longer tool life and less resin formation by enduraline coating

Machine:
Planers







Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
Planers splitting	210	3,2	2,2	60	P=3/9,5/76/60	40	GG	25/19
Planers splitting	225	3	2	60	P=3/9,5/74	42	GG	25/19
Planers splitting	225	3,2	2,2	60	P=3/9,5/74	28	GG	25/19
Planers splitting	225	3,2	2,2	60	P=3/10,5/74	32	GG	25/19
Planers splitting	225	3,2	2,2	60	P=3/10,5/74	32	GG	25/19
Planers splitting	225	3	2	60	P=3/10,5/74	36	GG	25/19
Planers splitting	225	3	2	70	K=2/22/9/90	24	GG	25/19
Planers splitting	225	3,2	2,2	60	P=3/10,5/74	36	GG	25/19
Planers splitting	250	3,4	2,4	60	P=3/9,5/74	46	GG	25/19
Planers splitting	250	3,4	2,4	70	P=3/10,5/86	46	GG	25/19
Planers splitting	250	3,4	2,4	65	P=3/9,5/80	46	GG	25/19
Planers splitting	250	2	1,4	60	P=3/9,5/74	46	GG	25/19
Planers splitting	265	3,2	2,2	60	P=3/10/74	36	GG	25/19
Planers splitting	270	3,2	2,2	60	P=3/9,5/74	46	GG	25/19
Planers splitting	270	3,4	2,4	60	P=3/9,5/74	46	GG	25/19
Planers splitting	280	3,5	2,5	60	P=3/9,5/74	42	GG	25/19

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
Planers splitting	280	3,4	2,4	60	P=3/9,5/74	36	GG	25/19
Planers splitting	280	3,5	2,5	90	P=3/9,5/120	48	GG	25/19
Planers splitting	280	3,5	2,5	90	P=3/9,5/120/15	36	GG	25/19
Planers splitting	300	3,5	2,5	60	P=3/10,5/74	52	GG	25/19
Planers splitting	300	2,8	2	60	P=3/10/74	36	GG	25/19
Planers splitting	300	3,5	2,5	60	K=2/15/6/90	52	GG	25/19
Planers splitting	300	3,5	2,5	60	P=3/9,5/74	52	GG	25/19
Planers splitting	350	3,5	2,2	70	P=3/10,5/86/60	60	GG	25/19
Planers splitting	350	3,5	2,5	70	P=3/10,5/86/60	60	GG	25/19
Planers splitting	400	3,6	2,6	150	P=3/9,5/165	72	GG	25/19
Planers splitting	400	4,6	3,6	135	P=3/9/149	64	GG	25/19
Planers splitting	400	4,4	3,4	70	P=3/9/86	64	GG	25/19

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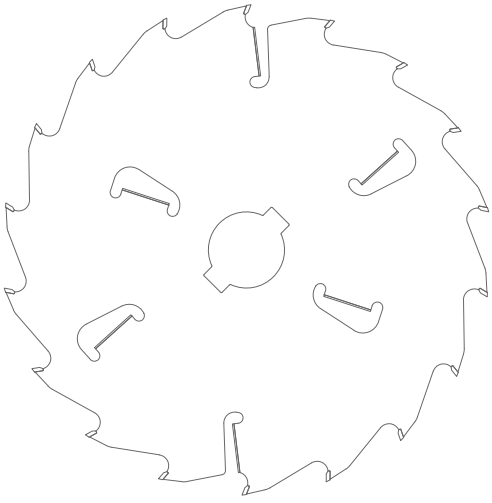
CIRCULAR SAW BLADES

MULTI-RIP



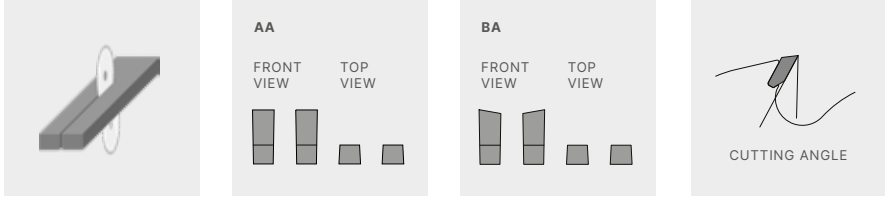
For high feed rates

Application:
For multi-rip machines

Workpiece material:
Solid wood

Technical information:
For fast amd exact splitting

Machine:
Multi-rip machines

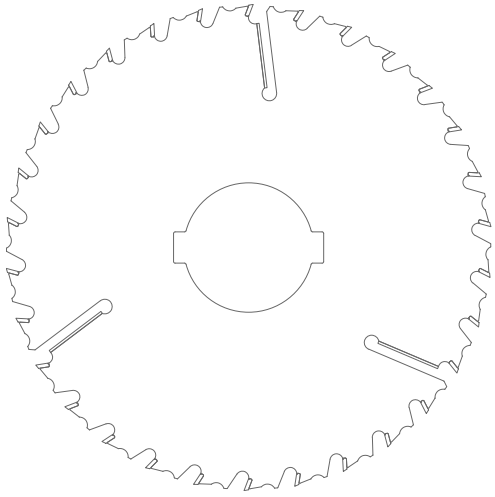


Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
Multi-Rip saw	250	3,1	1,8	70	According to machine	16	AA / BA	20
Multi-Rip saw	250	3,1	1,8	70	According to machine	20	AA / BA	20
Multi-Rip saw	300	3,4	2,1	70	According to machine	18	AA / BA	20
Multi-Rip saw	300	3,4	2,1	80	According to machine	18	AA / BA	20
Multi-Rip saw	315	3,9	2,6	80	According to machine	18	AA / BA	20
Multi-Rip saw	350	3,9	2,6	70	According to machine	18	AA / BA	20
Multi-Rip saw	350	3,9	2,6	80	According to machine	18	AA / BA	20
Multi-Rip saw	350	3,9	2,6	90	According to machine	18	AA / BA	20
Multi-Rip saw	350	3,9	2,6	70	According to machine	24	AA / BA	20
Multi-Rip saw	350	3,9	2,6	80	According to machine	24	AA / BA	20
Multi-Rip saw	400	4	2,7	70	According to machine	18	AA / BA	20
Multi-Rip saw	400	4	2,7	80	According to machine	18	AA / BA	20
Multi-Rip saw	400	4	2,7	70	According to machine	24	AA / BA	20
Multi-Rip saw	450	4,5	3,1	50	According to machine	18	AA / BA	20
Multi-Rip saw	450	4,5	3,1	70	According to machine	18	AA / BA	20

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
Multi-Rip saw	450	4,5	3,1	80	According to machine	18	AA / BA	20
Multi-Rip saw	450	4,5	3,1	50	According to machine	24	AA / BA	20
Multi-Rip saw	500	4,5	3,1	50	According to machine	18	AA / BA	20
Multi-Rip saw	500	4,5	3,1	70	According to machine	20	AA / BA	20
Multi-Rip saw	500	4,5	3,1	50	According to machine	24	AA / BA	20
Multi-Rip saw	630	6	4,1	70	According to machine	18	AA / BA	20

LAMELLA CUT



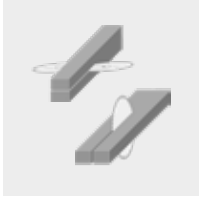
Lamella cut

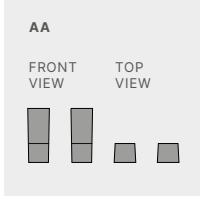
Application:
For cutting along grain - glueable middle and lamella cuts on horizontal spindles

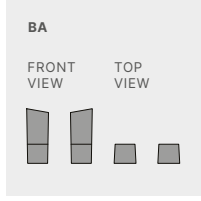
Workpiece material:
Softwood and hardwood, dry up to 10% wood moisture content

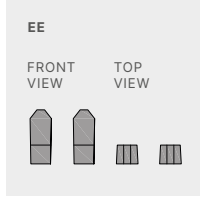
Technical information:
Increased cutting performance and less resinification through special coating of the tool body. Special tooth geometry for gluable cutting areas.

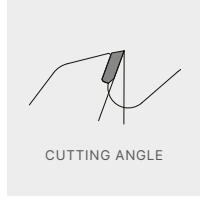
Machine:
Single blade, multi blade saws as well as saws and moulders with one or two spindles











Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin holes mm	Keyways	Z	Tooth Shape	Cutting Angle
	180	2,2	1,4	30	3/10/75		18	AA	20
	180	2,4	1,6	30		3/10/75	24	AA	20
	200	2,4	1,6	30		3/10/75	18	AA	20
	200	2,4	1,6	30		3/10/75	24	AA	20
	225	2,4	1,6	30	3/10/75		24	AA	20
	225	2,8	2	30	3/10/75		24	AA	20
	240	2,8	2	40	3/10/75		24	AA	20
Raimann	250	2,4	1,6	80	6/5,5/91+4/6,6/95 +2/13/100	2/19/4,5+2/13/4,5	40	AA	20
	250	2,8	2	30	3/10/75		24	AA	20
	250	2,8	2	70	2/21/5		24	AA	20
Raimann	300	2,8	1,8	80	6/5,5/91+4/6,6/95 +2/13/100	2/19/4,5+2/13/4,5	28	AA	20
Raimann	300	2,8	2	80	6/5,5/91+4/6,6/95 +2/13/100	2/19/4,5+2/13/4,5	48	AA	20
Raimann	300	3,4	2,2	80	6/5,5/91+4/6,6/95 +2/13/100	2/19/4,5+2/13/4,5	28	AA	20
Raimann	300	4	2,8	80	6/5,5/91+4/6,6/95 +2/13/100	2/19/4,5+2/13/4,5	28	AA	20
Raimann	300	4	2,8	80	6/5,5/91+4/6,6/95 +2/13/100	2/19/4,5+2/13/4,5	48	AA	20

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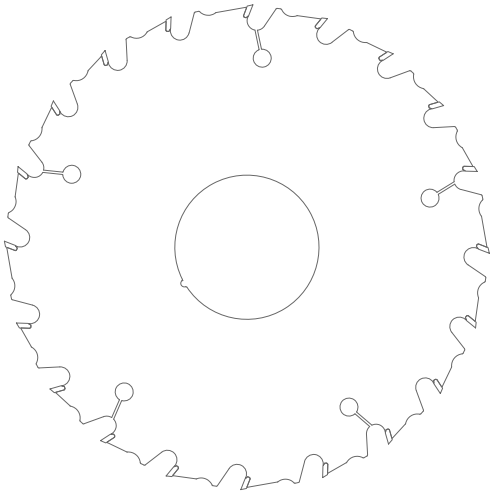
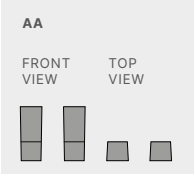
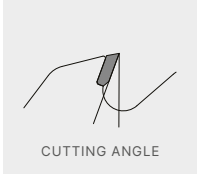
LAMELLA CUT



Secondary | HW | AA | Blackline





Lamella cut - middle cut with extremely reduced cutting width

Application:
For cutting strips and slats along grain on horizontal and vertical spindles

Workpiece material:
Softwood and hardwood, dry up to 10% wood moisture content, quality category 0 to 1

Technical information:
Cutting width reduction for high wood savings and efficient energy utilisation. Continuous tool body without recess for max. cutting height. Different number of teeth for optimal tooth feeds with different feed speed. Higher cutting performance and less resinification due to special coating of the tool body. Use on hydro sleeves or clamping arbors is recommended, as is the use of high precision spacers to increase the performance of the saws. It is essential to pay attention to the setting of machines with riving knives.

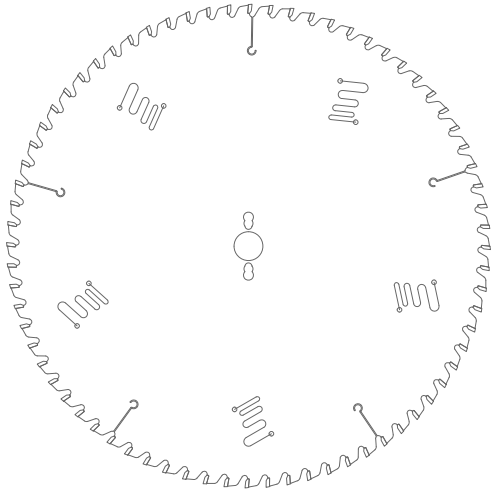
Machine:
Moulders with/without forced guidance of workpieces. Application on single, double, horizontal or vertical spindles.

Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin holes mm	Keyways	Z	Tooth Shape	Cutting Angle
	180	1,3	0,8	60	3/10/75		32	AA	20
	180	1,5	1	60	3/10/75		21	AA	20
	180	1,8	1,2	60	3/10/75		21	AA	20
	180	1,8	1,3	60	3/10/75		32	AA	20
	200	1,5	1	60	3/10/75		21	AA	20
	200	1,5	1	60	3/10/75		36	AA	20
	200	1,8	1,2	60	3/10/75		21	AA	20
	220	1,2	0,9	60	3/10/75		27	AA	20
	220	1,2	0,9	65	3/11/80		24	AA	20
	220	1,3	0,9	60	3/10/75		24	AA	20
	220	1,3	0,9	60	3/10/75		32	AA	20
	220	1,3	0,9	65	3/11/80		24	AA	20
	220	1,3	0,9	65	3/11/80		32	AA	20
	220	1,4	1	60	3/10/75		24	AA	20
	220	1,4	1	60	3/10/75		32	AA	20
	220	1,4	1	65	3/11/80		24	AA	20

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

Machine	Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin holes mm	Keyways	Z	Tooth Shape	Cutting Angle
	220	1,4	1	65	3/11/80		32	AA	20
	225	1,5	1	60	3/10/75		25	AA	20
	225	1,6	1,2	60	3/10/75		32	AA	20
	225	1,8	1,2	60	3/10/75		25	AA	20
	225	2	1,4	40	3/10/75		40	AA	20
	225	2	1,4	60	3/10/75		25	AA	20
	250	1,7	1,2	60	3/10/75		25	AA	20
	250	1,7	1,2	60	3/10/75		36	AA	20
	250	2	1,4	60	3/10/75		25	AA	20
	250	2	1,4	60	3/10/75		36	AA	20

NON FERROUS



For non ferrous metals

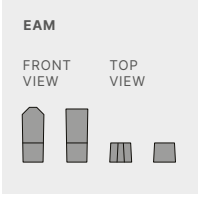
Application:
For metal, cutting and miter. Automatic or manual machines.

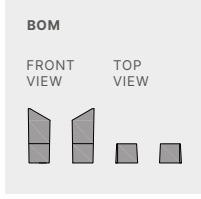
Workpiece material:
Non ferrous metals

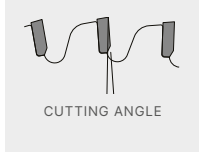
Technical information:
Positiv cutting angel mainly for machines with automatic feed. Negativ cutting angel mainly for machines with manual feed. Tooth shape BOM special for cutting and mitre of profiles to give burr free edges.

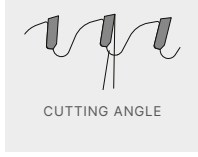
Machine:
Mitre saw, CNC machining center, Cross cut saw

HW | EAM | BOM | Neutral









Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
100	3	2,2	22	K=2/6,1/3/90	12	EAM	5
180	2,4	1,8	35	S=4/5,5/54/10,5/L +4/5,5/54/10,5/R	42	EAM	5
250	3,2	2,6	30	P=2/10/60+2/7/42+2/9/46	100	EAM	5
250	3,2	2,6	30	P=2/10/60+2/7/42+2/9/46	60	EAM	5
285	2,5	2	32	P=4/9/50	60	EAM	5
300	3,2	2,6	30	P=2/10/60+2/7/42+2/9/46	72	EAM	5
300	3,2	2,6	30	P=2/7/42+2/10/60+2/9/46	96	EAM	5
300	2	1,6	32	P=4/9/50+2/11/63	72	EAM	5
300	3,3	2,6	40	P=4/11,2/63+2/8,6/63	72	EAM	5
300	3,2	2,6	32		96	EAM	5
350	2,1	1,8	32	P=2/12/63	92	EAM	5
400	4	3,4	30	P=3/8,5/52	96	EAM	5
400	4	3,4	30	P=2/10/52	96	EAM	5
400	4	3,4	30		96	EAM	5
400	4	3,4	30	P=2/10/52+2/10/60+2/11/63	96	EAM	5
400	4	3	50	P=4/15/80	96	EAM	5

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
400	4	3,2	30		120	EAM	5
400	4	3,4	32	P=2/11/63	96	EAM	5
420	4,4	3,8	30	P=2/10/60+2/11/63	96	EAM	5
420	4	3,2	30	P=2/11/63	120	EAM	5
425	3	2,4	30		132	EAM	5
450	4	3,4	35	P=4/15/65+1/6,5/65	108	EAM	5
450	4	3,4	32	P=2/10/60+2/11/63	108	EAM	5
450	4	3,4	30	P=4/15/80	108	EAM	5
450	4	3,4	30	P=2/11/60+2/11/63	144	EAM	5
450	4	3,4	50	P=2/15/80	120	EAM	5
450	4	3,4	30		144	EAM	5
450	4	3,4	50	P=4/15/80	60	EAM	5
450	3,2	2,6	50	P=4/15/80	100	EAM	5
450	4	3,4	30		108	EAM	5
500	4,6	3,75	50	P=4/18/100	120	EAM	5
500	4	3,4	30	P=2/8/45+2/11/63	160	EAM	5
500	4	3,4	30	P=2/8/45+2/11/63+2/11/60	160	EAM	5
500	4	3,4	30	P=2/10/60+2/11/63	120	EAM	5
500	4,7	4	30	P=4/17,5/100	120	EAM	5
500	4	3,4	30		120	EAM	5
500	4	3,4	32		120	EAM	5
500	4	3,2	50	P=2/15/80	80	EAM	5
500	4,6	3,6	30	P=2/11/63	120	EAM	5
500	4,6	3,6	30	P=2/11/63	72	EAM	5
550	4	3,4	80	P=6/9/100	170	EAM	5
550	4	3,4	30	P=2/11/70	136	EAM	5
550	4	3,4	32	P=2/12/63+2/12/70	136	EAM	5
550	4,2	3,6	30	P=2/11/70+6/11/100	160	EAM	5
550	4	3,4	30		132	EAM	5
550	4	3,4	30	P=2/10,5/70	110	EAM	5
600	4,8	4	80	P=2/22,5/120/45	72	EAM	5
600	4,4	3,6	30		190	EAM	5
600	4,4	3,6	30		160	EAM	5
600	4	3,4	50		192	EAM	5
600	4,6	4	50	P=2/16/80	140	EAM	5
600	4	3,4	50	P=2/14/80+2/14/100	120	EAM	5
600	4	3,4	50	P=2/15/80+2/15/100	100	EAM	5
610	4	3,4	30		190	EAM	5
650	5	3,8	40		190	EAM	5
650	5	4	40	P=4/8/103	144	EAM	5
650	5	3,8	40		120	EAM	5
680	5,5	4,5	40	P=2/13/114	60	EAM	5
700	6	5	40	P=2/12/90/0	160	EAM	5
800	6,5	5,5	50	P=2/15/80	120	EAM	5

Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
125	2,8	2	22		36	EAM	N05
125	2,5	2	22		24	EAM	N05
125	2,5	2	22		36	EAM	N05
200	2	1,4	32	P=2/8/45	80	EAM	N05
210	2,4	1,8	30		72	EAM	N05
216	3,2	2,6	30		64	EAM	N05
225	3,2	2,6	22		54	EAM	N05
250	3,2	2,6	32	P=2/8/45+2/11/63	80	EAM	N05
250	3,2	2,6	30	P=2/10/60+2/7/42+2/9/46	80	EAM	N05
250	2,4	1,8	32		126	EAM	N05
275	3,2	2,6	32	P=2/9/50	88	EAM	N05
275	3,2	2,6	40	P=4/12/64 + 2/9/55	88	EAM	N05
300	3,2	2,6	30		48	EAM	N05
300	3,2	2,6	30	P=2/10/60+2/7/42+2/9/46	96	EAM	N05
300	3,2	2,8	32		72	EAM	N05
300	3,4	2,6	30	P=2/11/63	96	EAM	N05
300	3,4	2,6	30	P=2/10/60+2/11/63	96	EAM	N05
330	3,6	3	32	P=2/8/54+2/12/64	104	EAM	N05
330	3,6	3	30	P=2/10/60+2/7/42+2/9/46	104	EAM	N05
350	3,6	3	32	P=2/10/60+2/11/63	108	EAM	N05
350	3,6	3	30	P=2/12/64+2/8/50	108	EAM	N05
350	3,6	3	32	P=2/8/54+2/12/64	84	EAM	N05
350	3,6	3	30	P=2/10/60+2/11/63	108	EAM	N05
350	3,6	3	32	P=2/10/60+2/11/63	108	EAM	N05
380	4	3,4	32		116	EAM	N05
400	4	3,4	30		120	EAM	N05
420	4	3,4	40	P=2/12/64+2/12/80	100	EAM	N05
420	4	3,4	30		100	EAM	N05
500	4	3,4	32	P=2/12/63	120	EAM	N05
550	4	3,4	32	P=2/11/63	130	EAM	N05
550	4,4	3,4	30	K=2/8/4	90	EAM	N05
550	4	3,4	80	P=6/9/100	170	EAM	N05
600	4,6	4	40		140	EAM	N05
600	4,6	4	35	P=4/15/65/0+1/6/65/30	140	EAM	N05
600	4,6	4	30		140	EAM	N05
650	5,5	4	40	P=2/10,5/100	100	EAM	N05
650	5	4	40		144	EAM	N05

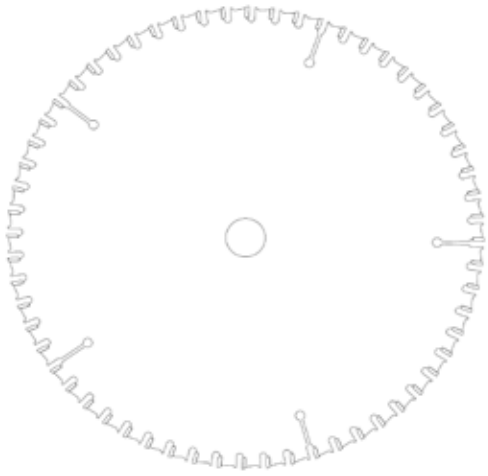
Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
300	5,5	4,6	30	P=2/10/60	96	BOM	5
300	3,2	2,6	30	P=2/10/60	96	BOM	5
350	3,6	3	30		160	BOM	5
400	4	3,4	32	P=2/11/63	120	BOM	5
400	3,5	2,8	50	P=4/15/80/0	96	BOM	5
420	3,5	3	30		96	BOM	5
450	3,5	2,5	30	P=2/10/60	140	BOM	5
450	3,8	3,2	32	P=2/12/80/0+2/12/64/90	112	BOM	5
450	4	3,2	50	P=4/15/80/0	96	BOM	5
500	4	3,4	30	P=2/7/42+2/10/60	160	BOM	5
500	4	3,4	32	P=2/11/63	160	BOM	5
500	3	2,5	32		160	BOM	5

Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
500	4	3,4	32	P=2/11/63/0	120	BOM	5
550	4	3,4	32	P=2/12/64	170	BOM	5
550	3,2	2,7	35		170	BOM	5
550	4	3,4	80	P=6/9/100	170	BOM	5
550	4	3,4	35		170	BOM	5
600	4	3,4	80	P=6/9/100	190	BOM	5
650	4,4	3,4	40	P=2/12/63	160	BOM	5

Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
300	3,2	2,6	30	P=2/10/60	96	BOM	N05
500	5	4	50	S=8/8/90/16,5/L	120	BOM	N05
550	4	3,4	32	P=2/11/63/0	150	BOM	N05
610	4,8	4	30		148	BOM	N05

micor
CIRCULAR SAW BLADES

FERROCUTTER



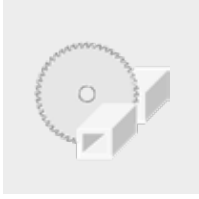
For ferrous metals

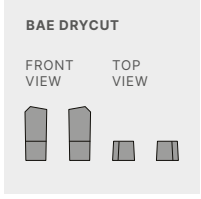
Application:
For metal, cutting and miter

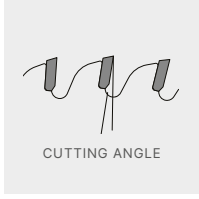
Workpiece material:
Ferrous metals

Technical information:
Tooth shape BAE Drycut. Cutting angle 0° for ferrous metals. Cutting angel 10° for stainless steel.

HW | BAE DRYCUT | Neutral







Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
305	2,2	1,8	25,4		60	BAE	0
305	2,2	1,8	30		60	BAE	0
355	2,2	1,8	25,4		72	BAE	0
355	2,2	1,8	25,4		90	BAE	0
355	2,2	1,8	40	P=4/12/64	72	BAE	0

Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
305	2,2	1,8	25,4		80	BAE	10
305	2,2	1,8	30		80	BAE	10
305	2,5	2,2	25,4		60	BAE	10
305	2,2	1,8	50	P=4/15/80	80	BAE	10
355	2,2	1,8	25,4		90	BAE	10
355	2,2	1,8	32	P=4/11,5/55	90	BAE	10
355	2,2	1,8	25,4		110	BAE	10

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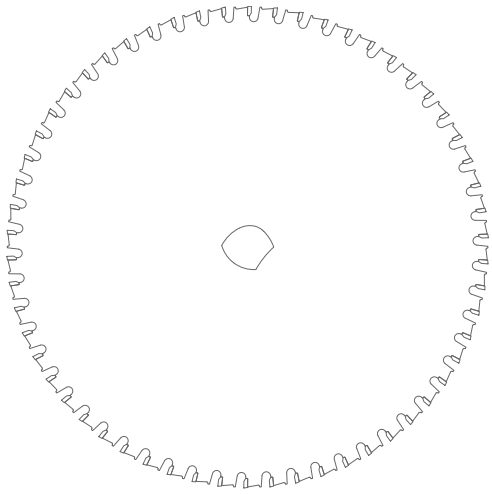
PALLET DISMANTLING



Pallet dismantling

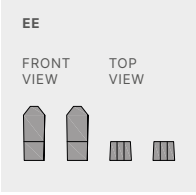
Application:
Automated pallet dismantling machine

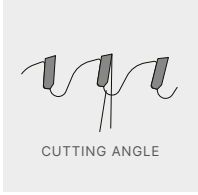
Workpiece material:
Wood, nails

Technical information:
Special sawblade for dismantling of pallets
often in water tank

Machine:
Pallet dismantling machine

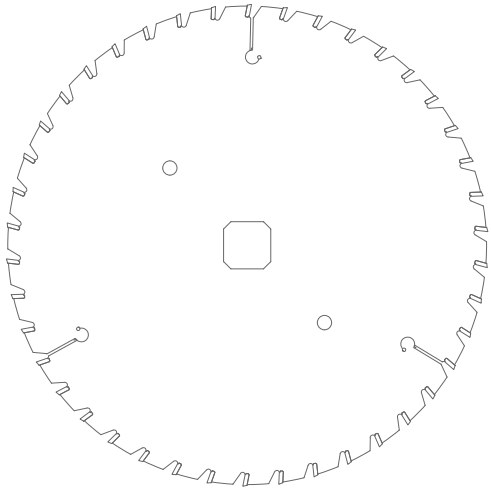
HW EE Blackline





Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
450	3,2	2,8	SPEC		58	EE	0
450	3,2	2,8	SPEC		70	EE	0
400	3,2	2,8	SPEC		52	EE	0

FOOD PROCESSING



Food saw blades

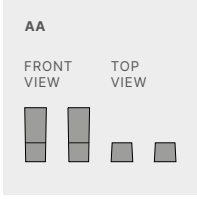
Application:
Food processing

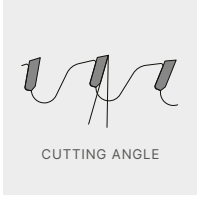
Workpiece material:
Fish, Poultry, Meat, Vegetables

Technical information:
Special sawblade for food industry

Machine:
Food saw

HW | AA | Neutral



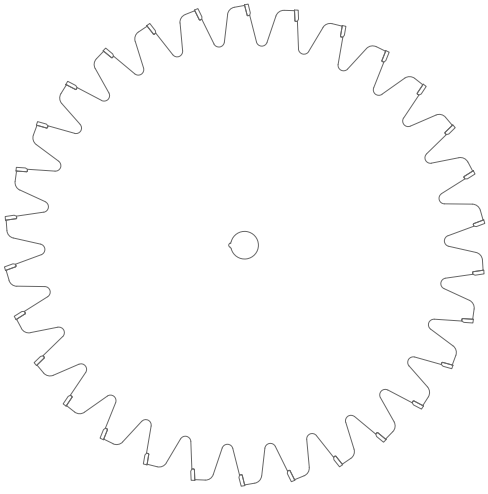


Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
180	1,7	1,5	SPEC		28	AA	10
180	1,7	1,5	30		30	AA	10
200	1,8	1,5	138		36	AA	10
230	1,6	1,4	SPEC	P=2/8/127	44	AA	10
230	1,7	1,5	52,4		28	AA	10
230	1,7	1,5	SPEC	P=1/7,8/76,36	36	AA	10
230	1,7	1,5	SPEC	P=2/8/127	36	AA	10
230	1,7	1,5	52		36	AA	10
230	1,7	1,5	52		36	AA	10
230	1,7	1,5	52		42	AA	10
230	1,7	1,5	SPEC	P=2/8/127	36	AA	10
230	1,7	1,5	52,4		36	AA	10
230	1,7	1,5	52,4		36	AA	10
230	1,7	1,5	52,4		36	AA	10
230	1,7	1,5	52,4		42	AA	10
230	1,7	1,5	52,4		48	AA	10
230	1,7	1,5	SPEC	P=2/8/127	48	AA	10
280	1,7	1,7	52		36	AA	10
280	1,7	1,5	SPEC	P=2/8/127	42	AA	10
280	1,7	1,5	SPEC		42	AA	10
300	2	1,5	30,1	P=3/11/60	48	AA	10

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

micor
CIRCULAR SAW BLADES

RESCUE



Rescue saw blades

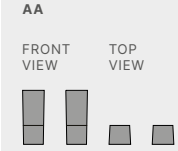
Application:
For handheld saws used in rescue operations

Workpiece material:
Wood, Tinplate, Roofing Felt, Plywood, Dry Wall, Fibre-Cement Boards

Technical information:
Disposable blades for various rescue operations

Machine:
Hand held rescue saws

HW | AA | Blackline



Diameter mm	Cutting width mm	Body thickness mm	Bore mm	Pin/Screw Holes	Z	Tooth Shape	Cutting Angle
225	4,3	2,3	22,22		18	AA	N15
300	4,3	2,3	20		24	AA	N15
300	4,3	2,3	22,22		12	AA	N15
300	4,3	2,3	22,22		24	AA	N15
300	4,3	2,3	25,4		24	AA	N15
350	4,3	2,3	25,4		30	AA	N15
350	4,3	2,3	20		30	AA	N15

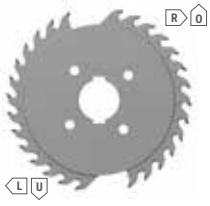
CUTTER SEGMENTS & SIZING CUTTERS

HDS SAWMILL TOOLS

R O TOP RIGHT AND L U BOTTOM LEFT

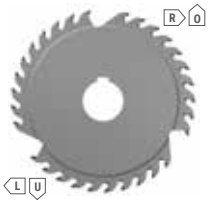
R U BOTTOM RIGHT AND L O TOP LEFT

CUTTER SEGMENTS AND SIZING CUTTERS



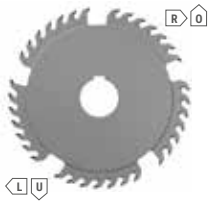
TCT-Sizing Cutter for HewSaw

316 × 4.0/3.5/6.9 × 70 mm, Z28
AST: from Ø 256 mm one side
graduated to 3.5 mm,
2 key ways,
4 pin holes 26.2 mm



TCT-Sizing Cutter for HewSaw

316 × 4.2/3.5/6.9 × 70 mm, Z30
AST: from Ø 256 mm one side
graduated to 3.5 mm,
1 key way



TCT-Sizing Cutter for HewSaw

330 × 4.2/3.5/6.9 × 70 mm, Z35
AST: from Ø 266 mm one side
graduated to 3.5 mm,
1 key way

TCT-Cutter Segment for EWD

360 × 4.8/3.6 × 184 mm, Z12
2 pin holes 17 mm

TCT-Cutter Segment for Linck

401 × 3.5/2.5/8.0 × 200.4 mm, Z10
AST: from Ø 350 mm one side
graduated to 2.5 mm,
3 pin holes

TCT-Cutter Segment for Linck

403 × 4.5/3.5/5.0 × 305 mm, Z10
AST: from Ø 366 mm one side
graduated to 2.5 mm,
4 countersunk
holes 12 mm one side

TCT-Cutter Segment for Linck

411 × 4.0/3.0/5.0 × 317 mm, Z7
AST: from Ø 361 mm one side
graduated to 3.0 mm,
4 countersunk
holes 12 mm one side

TCT-Cutter Segment for Linck

411.5 × 3.5/2.5/8.0 × 210 mm, Z10
AST: from Ø 354 mm one side
graduated to 2.5 mm,
5 pin holes

TCT-Cutter Segment for Linck

413.5 × 3.5/2.5/7.0 × 202 mm, Z9
AST: from Ø 372 mm one side
graduated to 2.5 mm,
5 pin holes

HW-Cutter Segment for Linck

414 × 3.5/2.5/7.0 × 202 mm, Z11
AST: from Ø 372 mm one side
graduated to 2.5 mm,
5 pin holes

HW-Cutter Segment for Linck

414 × 3.5/2.5/8.0 × 210 mm, Z10
AST: from Ø 354.6 mm one side
graduated to 2.5 mm,
5 pin holes

HW-Cutter Segment for Linck

415 × 3.5/2.5/8.0 × 210 mm, Z11
AST: from Ø 354.6 mm one side
graduated to 2.5 mm,
5 pin holes

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

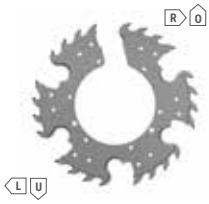
R O TOP RIGHT AND L U BOTTOM LEFT

R U BOTTOM RIGHT AND L O TOP LEFT

TCT-Cutter segment for Linck

415 × 4.5/3.5/9.0 × 210 mm, Z11
AST: from Ø 354.6 mm one side graduated to 3.5 mm, 5 mm,
5 pin holes 9 mm one side flat countersink

REINFORCED VERSION



TCT-Cutter segment for Linck

415 × 3.5/2.5/7.0 × 202 mm, Z24
AST: from Ø 370 mm one side graduated to 2.5 mm, 18 pin holes 9 mm, one side flat countersink

REINFORCED VERSION

TCT-Cutter segment for Linck

497 × 3.5/2.5/8.0 × 200.4 mm,
Z8 AST: from Ø 446 mm one side graduated to 2.5 mm,
4 pin holes 13.5 mm

TCT-Cutter segment for Linck

497 × 3.5/2.5/8.0 × 200.4 mm,
Z8 AST: from Ø 446 mm one side graduated to 2.5 mm,
4 pin holes 13.5 mm

TCT-Cutter segment for Linck

AST: from Ø 446 mm one side graduated to 2.5 mm, 5 pin holes

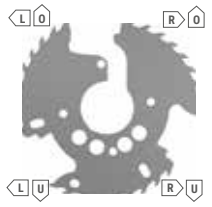
TCT-Cutter segment for Linck

501 × 3.5/2.5/8.0 × 200.4 mm, Z10
AST: from Ø 438.6 mm one side graduated to 2.5 mm, 6 pin holes 9 mm of which 1 one side flat countersink

TCT-Cutter Segment for Linck

501 × 4.5/3.5/9.0 × 200.4 mm, Z10
AST: from Ø 438.6 mm one side graduated to 3.5 mm, 6 pin holes 9 mm, of which 1 one side flat countersink

REINFORCED VERSION



TCT-Cutter Segment for Linck

566 × 5.0/4.0 × 160 mm, Z27
4 pin holes 46 mm,
4 pin holes 25 mm

TCT-Cutter Segment for Linck

566 × 5.0/4.0 × 160 mm, Z36
4 pin holes 46 mm,
6 pin holes 22 mm

HW-Cutter Segment for Linck

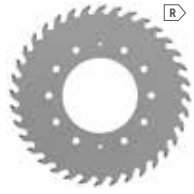
566 × 5.0/4.0/6.0 × 160 mm, Z36
AST: from Ø 490 mm one side graduated to 4 mm, 4 pin holes 46 mm, 6 pin holes 22 mm

REINFORCED VERSION

CHIPPER SEGMENTS & SIZING RINGS

L LEFT AND/OR R RIGHT

CHIPPER SEGMENTS AND SIZING RINGS



TCT-Sizing Ring for HewSaw

345 × 5.0/4.0/10.7 × 144 mm,
Z36 AST: from Ø 276 mm one side gradation to 4.0 mm,
10 threaded holes M16

TCT-Sizing Ring for SAB

480 × 5.0/4.0/6.0 × 330 mm,
Z60 AST: from Ø 400 mm one side gradation to 4.0 mm, 18 countersunk holes
11 mm one side

TCT-Sizing Ring for EWD

555 × 5.8/5.0 × 450 mm, Z22
6 countersunk holes 16 mm
both sides

TCT-Sizing Ring for EWD

555 × 6.2/5.0 × 450 mm, Z19
6 countersunk holes 16 mm
both sides

TCT-Sizing Ring for Linck

570 × 4.5/3.5 × 430 mm, Z12
19 countersunk holes 11 mm one side, 3 pin holes 19 mm

TCT-Sizing Ring for SAB

630 × 4.0/3.0/6.0 × 480 mm, Z72
AST: from Ø 550 mm one side gradation to 3.0 mm, 18 countersunk holes 11 mm one side

TCT-Sizing Ring for Linck

728 × 4.5/3.5 × 590 mm, Z14
18 countersunk holes 11.5 mm one side, 4 pin holes 20 mm

TCT-Sizing Ring for Linck

850 × 4.5/3.5/6.0 × 695 mm, Z78
AST: from Ø 804 mm one side gradation to 3.5 mm, 30 countersunk holes, 1 pin holes

TCT-Sizing Ring for Linck

850.5 × 4.5/3.5 × 697.04 mm, Z13
17 countersunk holes 11 mm
one side, 3 pin holes 20 mm

TCT-Sizing Ring for Linck

858 × 4.5/3.5/7.4 × 695 mm, Z60
AST: from Ø 804 mm one side gradation to 3.5 mm, 36 countersunk holes, 15 pin holes

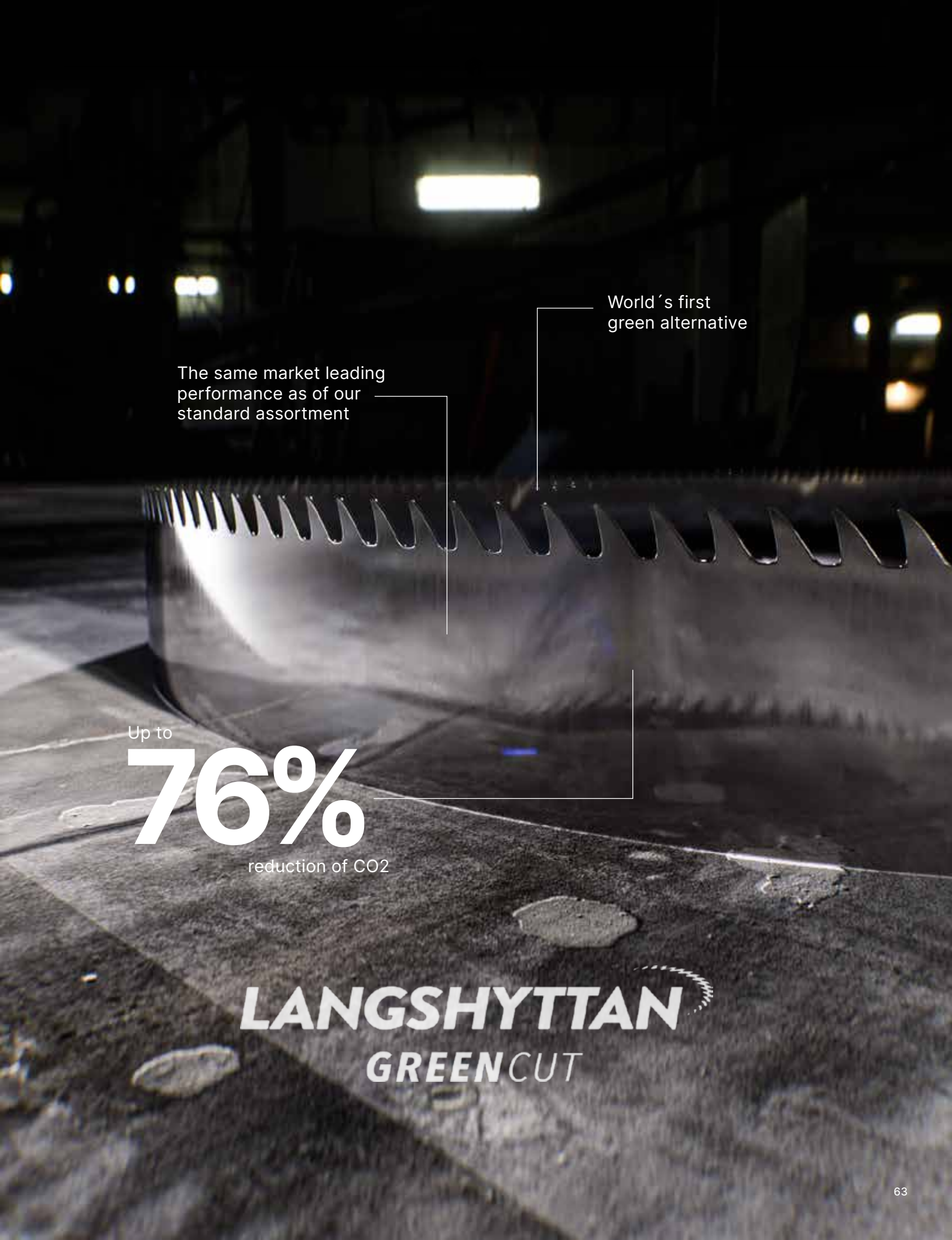
BAND SAW BLADES

LANGSHYTTAN GREENCUT – VERIFIED BY EPD

During 2024 Micor Tooling launched the worlds greenest band saw blade for industrial use – Langshyttan GreenCut. During the last years Micor Tooling have worked actively to decrease the environmental impact from our own production through energy efficient investment and conversion to only renewable energy. At the same time Micor Tooling continuously work together with our supp liers to find and develop more sustainable raw materials. Micor Tooling has a long-standing cooperation with voestalpine Precision Strip GmbH and in conjunction with the launch of Uddeholm strip with heavily reduced CO2-footprint Micor Tooling is now one of the first in the world to offer a greener alternative.

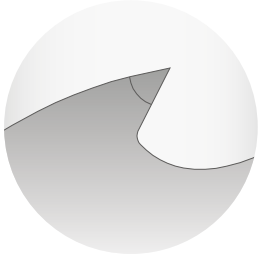
Verified by EPD

Langshyttan GreenCut has been verified by EPD – The International EPD System. EPD´s signal our commitment to measuring and reducing the environmental impact and report these impacts in a hyper-transparent way. Langshyttan GreenCut is the first band saw blade in the world which has been verified by EPD. Scan the QR-code below and read the EPD under Downloads.


World´s first
green alternative
The same market leading
performance as of our
standard assortment
Up to
76%
reduction of CO2
LANGSHYTTAN
GREENCUT

LANGSHYTTAN
BAND SAW BLADES

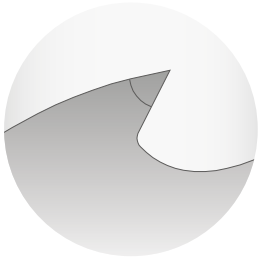
BAND SAW BLADES



WIDE BAND SAW BLADES

FOR PRIMARY LOG BREAKDOWN

- LX-Series (Stellite, Frost)
- Stellite (Stellite, Frost)
- Swage
- Width: 50-260 mm
- Pitch 25-60 mm
- Lengths: 5000-14000 mm



WIDE BAND SAW BLADES

FOR SECONDARY PROCESSING

- LX-Series (Stellite, Frost)
- Stellite (Stellite, Frost)
- Swage
- Width: 50-260 mm
- Pitch 25-60 mm
- Lengths: 5000-14000 mm

NARROW BAND SAW BLADES

- Width: 27-65 mm
- Pitch 20-45 mm
- Lengths: 4000-12000 mm

FOOD BAND SAW BLADES

- Width: 16-25 mm
- Pitch 3TPI-4TPI mm
- Lengths: Coil

LANGSHYTTAN
BAND SAW BLADES

BAND SAW BLADES

STEEL QUALITIES AND GENERAL GUIDELINES

PREMIUM UDDEHOLM STEEL

All Langshyttan bandsaw blades are manufactured exclusively from high-quality Uddeholm strip steel, renowned for its exceptional strength, toughness, and consistency. The designations **1450, 1600**, and **1670** refer to the approximate tensile strength of the steel (in N/mm²). Higher values indicate greater hardness and resistance to deformation, as follows:

1450 –	Hardness: 43–46 HRC –	*Recommended for swage-set applications*
1600 –	Hardness: 46–49 HRC –	*Suitable for both swage-set and Stellite-tipped applications*
1670 –	Hardness: 48–50 HRC –	*Recommended for Stellite-tipped applications*

Higher-grade steel (e.g., 1670) provides superior durability, enabling extended operating times under high stress without permanent deformation. However, increased hardness also elevates the risk of cracking during bending or tensioning. To fully realise the performance potential of premium steel qualities, it is essential to maintain the sawmill machinery in excellent condition, with properly aligned wheels, correct tensioning, and regular servicing.

LANGSHYTTAN GREEN CUT – SUSTAINABLE CHOICE

All steel grades are available in the innovative GreenCut variant. Langshyttan GreenCut is the world's first bandsaw blade body produced with green steel, significantly reducing CO_2 emissions during manufacturing (up to -65% compared to standard Langshyttan blades, and up to -76% versus conventional European production mixes). GreenCut blades deliver identical cutting performance and durability to standard versions while supporting sustainable forestry operations.

GENERAL SAWING GUIDELINES

The following recommendations are intended as starting points only. Optimal settings vary depending on machine type and condition, blade width/thickness, wood species and condition (green/dry, frozen, density), feed rate, cutting speed, and environmental factors. Always test and fine-tune settings in your specific operation to achieve the best balance of yield, surface quality, blade life, and safety.

Maximum blade deviation: As a general rule, keep blade deviation below 1/1000 of the wheel diameter, particularly for wheels ≥ 1000 mm.

Tooth engagement: Aim for 3–5 teeth in contact with the material at all times to ensure efficient chip removal and prevent overloading or vibration.

Tooth height: Should be approximately 1/3 of the pitch, with a maximum of 10 times the blade thickness.

Feed per tooth (chip load) — starting recommendations:

- Raw coniferous (softwood): 0.8–1.2 mm (reduce to max. 1.1 mm at sub-zero temperatures)
- Dried coniferous: 0.5–0.8 mm
- Raw birch, oak, and other hardwoods: max. 0.9 mm
- Dried hardwoods: 0.3–0.6 mm (adjust lower for denser species) → *General principle:* Harder, denser, or frozen wood species typically require lower feed per tooth to maintain control, reduce heat buildup, and preserve edge retention.

Rake (hook) angle — starting recommendations:

- Raw softwood/coniferous: 27–28°
- Birch, oak, and other hardwoods: 24–26° → Harder or more abrasive species generally benefit from a lower rake angle for improved stability and reduced push-off. These are typical Nordic starting values; adjust based on testing.

Swage vs. Stellite tipping: The choice is application-specific and often a matter of preference and economics. Stellite-tipped blades typically provide more than double the operating time between sharpenings compared to swage-set versions, especially in abrasive, dirty, or high-volume conditions, though they require periodic re-tipping.

Back (clearance) angle: Commonly 10–15° in Nordic conditions; do not drop below 10° to prevent instability and heat buildup.

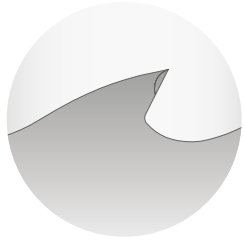
Special configurations: Frost tips (Kajaani), with a step tooth/chip breaker and/or bottom swage designs, are particularly effective as starting choices for sawing raw/frozen wood in winter conditions.

These guidelines serve as practical starting references. For personalised recommendations tailored to your sawmill setup, wood species, operating conditions, or performance goals, please contact our technical support team.

LANGSHYTTAN
BAND SAW BLADES

WIDE BAND SAW BLADES
SWAGE

- A robust band saw blade combining quality and independency.
- Swaged for a positive balance between maintainability and performance.
- Developed for European and North American conditions.
- Using only Uddeholm Strip Steel.



STANDARD DIMENSIONS

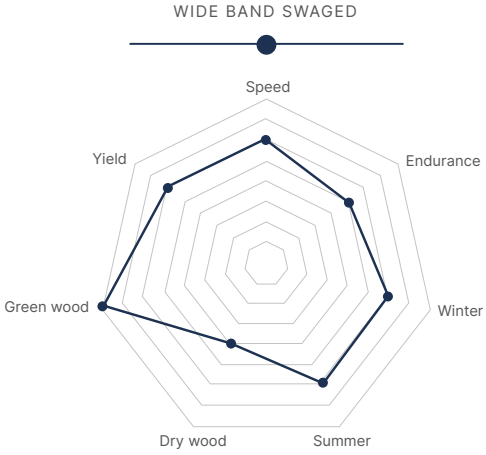
Lengths: 5000-13 000 mm
Width: 75-360 mm
Thickness: 1.1-2.41
Material: Uddeholm 1450, 1600, 1670

STANDARD EXECUTIONS

Swaged and adapted for raw wood.
Bottom swaged for winter sawing.
Step tooth for winter sawing.

USAGE

Sawmill big and smaller bandsaw.
Vertical and horizontal sawing.
Summer and winter sawing.
(Winter you need bottom swag or step teeth.)



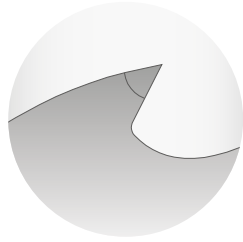
mm	inch	mm Gauge	1,1 19	1,15 19	1,2 18	1,25 18	1,3 18	1,38 17	1,47 17	1,65 16	1,83 15	2,11 14	2,26 14	2,41 13
70	2 3/4		X			X								
80	2 1/8		X	X	X	X								
90	3 1/2		X	X	X	X			X					
100	4		X	X	X	X			X					
110	4 3/8		X	X	X	X								
114	4 3/8		x	X	X	X								
120	4 3/4		X	X	X	X								
130	5 3/8		X	X	X	X								
140	5 1/2		X	X	X		X							
150	6		X	X	X		X							
156	6 3/8				X	X	X		X					
160	6 1/4				X	X	X							
181	7 3/8				X	X	X	X	X	X				
206	8 3/8					X		X	X	X				
232	9 3/8							X	X	X	X			
250	9 7/8								X	X	X			
260	10 1/4								X	X	X			
286	11 1/4								X	X	X			
311	12 1/4									X	X	X		
336	13 1/4										X	X	X	
362	14 1/4										X	X	X	X

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LANGSHYTTAN
BAND SAW BLADES

WIDE BAND SAW BLADES
STELLITE

- Availablevalible with Chipbreaker:
  Features chipbreakers for increased dust removal, ideal for lightly frozen or resinous wood to reduce clogging and wood dust gluing on to frozen boards.
- Robust band saw blades with balanced running time and feed speed.
- Developed for European conditions.
- Select steel and Stellite tipped for abrasion resistance and longer saw times.
- Using only Uddeholm Strip Steel.



STANDARD DIMENSIONS

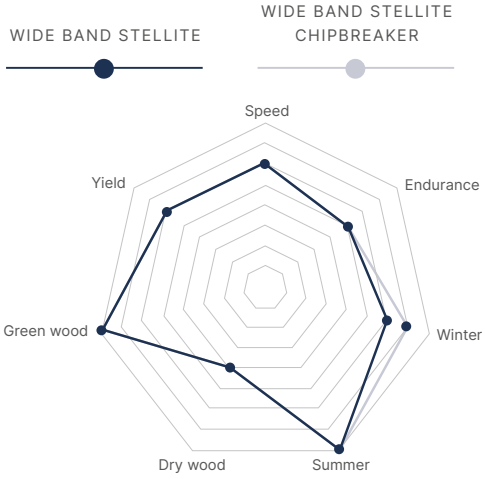
Lengths: 5000-13 000 mm
Width: 75-360 mm
Thickness: 1.1-2.41
Material: Uddeholm 1450, 1600, 1670

STANDARD EXECUTIONS

Tooth shape and angles adapted for customer as far as possible.

USAGE

Sawmill big and smaller bandsaw.
Vertical and horizontal sawing.
Summer and winter sawing.
(Winter you need bottom swag or chipbreaker.)

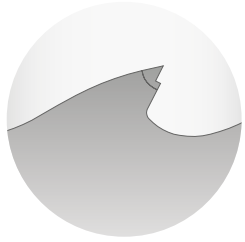


mm	inch	mm Gauge	1,1 19	1,15 19	1,2 18	1,25 18	1,3 18	1,38 17	1,47 17	1,65 16	1,83 15	2,11 14	2,26 14	2,41 13
70	2 3/4		X			X								
80	2 1/8		X	X	X	X								
90	3 1/2		X	X	X	X			X					
100	4		X	X	X	X			X					
110	4 3/8		X	X	X	X								
114	4 3/8		x	X	X	X								
120	4 3/4		X	X	X	X								
130	5 3/8		X	X	X	X								
140	5 1/2		X	X	X		X							
150	6		X	X	X		X							
156	6 3/8				X	X	X		X					
160	6 1/4				X	X	X							
181	7 3/8				X	X	X	X	X	X				
206	8 3/8					X		X	X	X				
232	9 3/8							X	X	X	X			
250	9 7/8								X	X	X			
260	10 1/4								X	X	X			
286	11 1/4								X	X	X			
311	12 1/4									X	X	X		
336	13 1/4										X	X	X	
362	14 1/4										X	X	X	X

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LANGSHYTTAN
BAND SAW BLADES

WIDE BAND SAW BLADES
STELLITE FROST



- Band saw blades with stellite tips designed for frozen wood, enabling maintained feed rate in tough Nordic winter conditions.
- Developed to endure extreme Nordic winter environment.
- Chip guide for reduced sawdust leakage provides the best dust removal of all tooth types.
- Can be adjusted for a wide range of feeds and speeds even in frozen through logs.
- Using only Uddeholm Strip Steel.

STANDARD DIMENSIONS

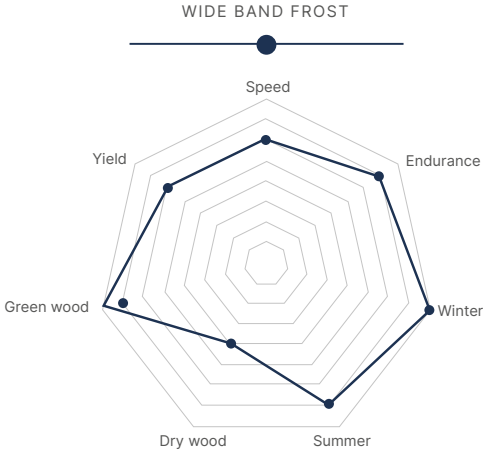
Lengths: 5000-13 000 mm
Width: 75-360 mm
Thickness: 1.1-2.41
Material: Uddeholm 1450, 1600, 1670

STANDARD EXECUTIONS

Tooth shape and angles adapted customer as far as possible.

USAGE

Sawmill big and smaller bandsaw.
Vertical and horizontal sawing.
Optimized for winter sawing.

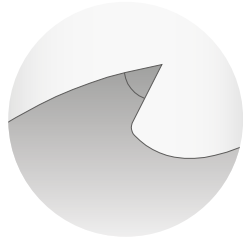


mm	inch	mm Gauge	1,1 19	1,15 19	1,2 18	1,25 18	1,3 18	1,38 17	1,47 17	1,65 16	1,83 15	2,11 14	2,26 14	2,41 13
70	2 3/4		X			X								
80	2 1/8		X	X	X	X								
90	3 1/2		X	X	X	X			X					
100	4		X	X	X	X			X					
110	4 3/8		X	X	X	X								
114	4 3/8		x	X	X	X								
120	4 3/4		X	X	X	X								
130	5 3/8		X	X	X	X								
140	5 1/2		X	X	X		X							
150	6		X	X	X		X							
156	6 3/8				X	X	X		X					
160	6 1/4				X	X	X							
181	7 3/8				X	X	X	X	X	X				
206	8 3/8					X		X	X	X				
232	9 3/8							X	X	X	X			
250	9 7/8								X	X	X			
260	10 1/4								X	X	X			
286	11 1/4								X	X	X			
311	12 1/4									X	X	X		
336	13 1/4										X	X	X	
362	14 1/4										X	X	X	X

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LANGSHYTTAN
BAND SAW BLADES

WIDE BAND SAW BLADES
LX-SERIES



- The Langshyttan LX series, an innovative band saw blade with reinforced gullets, and optimized geometry designed for specific applications. Offering choices for increases cutting speed, precision, and durability and 75% reduced tendency to crack compared to traditionally produced blades. Its environmentally friendly GreenCut steel reduces carbon dioxide emissions by up to 76%, making it a uniquely sustainable and high-performance choice for sawmills.

- Available with either Stellite or Stellite Frost tips.

STANDARD DIMENSIONS

Lengths: 5000-14 000 mm
Width: 75-360 mm
Thickness: 1.1-2.41
Material: Uddeholm 1450, 1600, 1670

STANDARD EXECUTIONS

Tooth shape and angles are adapted for different applications.
See LX-E, LX-L, LX-R, LX-Y och LX-DC

USAGE

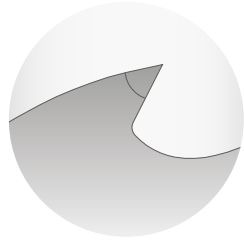
Sawmill big and smaller bandsaw.
Vertical and horizontal sawing.
Optimized for winter sawing.
Winter you need Stellite Frost tips.

LX-ENDURANCE	LX-LARGE	LX-ROUGH	LX-YIELD	LX-DRY CUT
LX-E, which stands for ENDURANCE, is our first LX-product and a band saw blade focused on increased cycle times and stable performance over longer sawing hours.	LX-L, which stands for LARGE, is a band saw blade enabling high cutting speeds during long cuts and high blocks without reducing teeth engagement.	LX-R, which stands for ROUGH, is a band saw blade designed to with-stand rough sawing in hard, knotty and slow-growing wood, developed using experience from sawmills in northern Finland.	LX-Y, which stands for YIELD, is a band saw blade designed to use thinner sheet metal to reduce the kerf size while maintaining perfor-mance.	LX-DC, which stands for DRY CUT, is our band saw blade focused on planing mills, dry sawing and where finely cut surfaces and a high-quality finish is the goal.

LANGSHYTTAN
BAND SAW BLADES

WIDE BAND SAW BLADES:
FOR PRIMARY BREAKDOWN

LX-ENDURANCE



LX-Endurance is our first LX-product and a band saw blade focused on increased cycle times and stable performance over long sawing hours. This strengthened blade, part of the Langshyttan LX Series, delivers up to 60% longer running times and a 75% reduction in cracking tendency compared to standard blades, thanks to its reinforced tooth gullet and specialized manufacturing process.

STANDARD DIMENSIONS

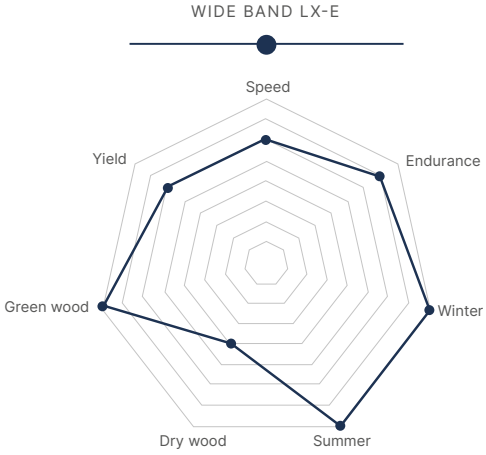
Lengths: 5200-14 000 mm
Width: 80-206 mm
Thickness: 1.1-1.47
Pitch: 40 (Stellite), 60 (Frost)
Material: Uddeholm 1600, 1670

STANDARD EXECUTIONS

Increased running hours.

USAGE

Sawmill big and smaller bandsaw.
Vertical and horizontal sawing.
Avaible with Stellite and
Stellite Frost tips.



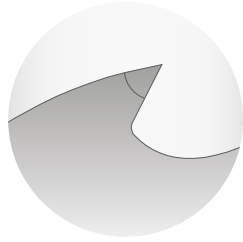
mm	inch	mm Gauge	1,1 19	1,15 19	1,2 18	1,25 18	1,3 18	1,38 17	1,47 17
80	2 1/8		X	X		X			
90	3 1/2		X	X	X	X			X
100	4		X	X	X	X			X
110	4 3/8		X	X	X	X			
114	4 3/8		X	X	X	X			
120	4 3/4		x	X	X	X			
130	5 3/8		X	X	X	X			
140	5 1/2		X	X	X		X		
150	6		X	X	X		X		
156	6 3/8				X	X	X		X
160	6 1/4				X	X	X		
181	7 3/8				X	X	X	X	X
206	8 3/8					X		X	X

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LANGSHYTTAN
BAND SAW BLADES

WIDE BAND SAW BLADES:
FOR PRIMARY BREAKDOWN

LX-LARGE



LX-Large is a band saw blade developed to enable high cutting speeds during long cuts and high blocks without reducing teeth engagement. As part of the Langshyttan LX Series, it combines LX technology with an optimized tooth shape to create greater chip space, ensuring stability and efficiency whilst suppporting maintained feed rates for higher block heights, making it suitable for sawmills processing large logs and timber volumes, where maintaining performance over extended periods is essential.

STANDARD DIMENSIONS

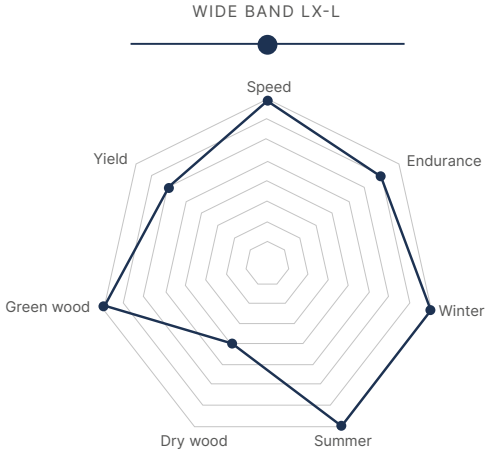
Lengths: 5200-14 000 mm
Width: 80-206 mm
Thickness: 1.1-1.55
Pitch: 40 (Stellite), 60 (Frost)
Material: Uddeholm 1600, 1670

STANDARD EXECUTIONS

Maintained sawing speed with high blocks and long cuts.

USAGE

Sawmill big and smaller bandsaw. Vertical and horizontal sawing. Avaible with Stellite and Stellite Frost tips.



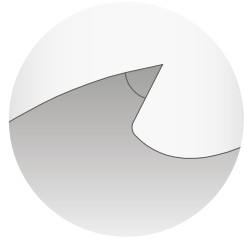
mm	inch	mm Gauge	1,1 19	1,2 18	1,25 18	1,3 18	1,47 17	1,55 16
80	2 1/8		X	X				
90	3 1/2		X	X	X		X	
100	4		X	X	X		X	
110	4 3/8		X	X	X			
114	4 3/8		X	X	X			
120	4 3/4		x	X	X			
130	5 3/8		X	X	X			
140	5 1/2		X	X		X		
150	6		X	X		X		
156	6 3/8			X	X	X	X	
160	6 1/4			X	X	X		
181	7 3/8			X	X	X	X	X
206	8 3/8				X		X	X

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LANGSHYTTAN
BAND SAW BLADES

WIDE BAND SAW BLADES:
FOR PRIMARY BREAKDOWN

LX-ROUGH



LX-Rough is a band saw blade designed to withstand rough sawing in hard, knotty and slow-grown wood, developed using experience from sawmills in northern Finland. Incorporating LX technology for fewer cracks and extended running times, it is positioned for challenging applications, featuring specialized tooth shapes that handle increased lateral loads and denser logs.

STANDARD DIMENSIONS

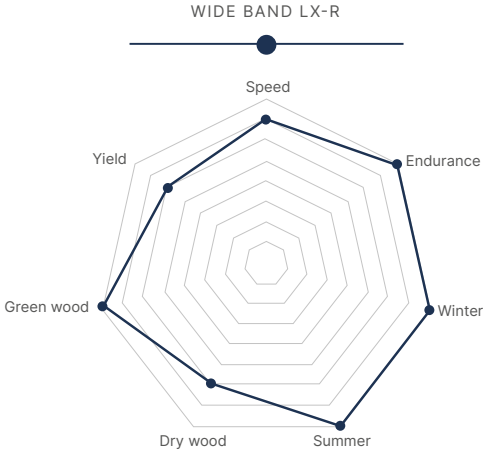
Lengths: 5200-14 000 mm
Width: 80-206 mm
Thickness: 1.1-1.55
Pitch: 40 (Stellite), 60 (Frost)
Material: Uddeholm 1600, 1670

STANDARD EXECUTIONS

Aims to provide stable performance in denser woods and increased resistance to knotsand drier logs.

USAGE

Sawmill big and smaller bandsaw. Vertical and horizontal sawing. Avaible with Stellite and Stellite Frost tips.



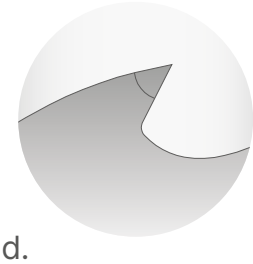
mm	inch	mm Gauge	1,0 19	1,1 19	1,2 18	1,25 18	1,3 18	1,47 17	1,55 16
80	2 1/8		X	X	X	X			
90	3 1/2		X	X	X	X		X	
100	4		X	X	X	X		X	
110	4 3/8		X	X	X	X			
114	4 3/8			X	X	X			
120	4 3/4		X	X	X	X			
130	5 3/8		X	X	X	X			
140	5 1/2			X	X		X		
150	6			X	X		X		
156	6 3/8				X	X	X	X	
160	6 1/4				X	X	X		
181	7 3/8				X	X	X	X	X
206	8 3/8					X		X	X

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LANGSHYTTAN
BAND SAW BLADES

WIDE BAND SAW BLADES:
FOR PRIMARY BREAKDOWN

LX-YIELD



LX-Yield is a band saw blade designed to use thinner sheet metal to reduce kerf size while maintaining high performance. By leveraging LX technology, it achieves extended running times while its optimized design minimizes material loss to enhance yield.

We evaluate the saw line and operating conditions to recommend an appropriate reduction in blade dimension, ensuring maximum efficiency without compromising durability. This blade is ideal for sawmills seeking to optimize resource utilization and increase output in high-yield applications.

STANDARD DIMENSIONS

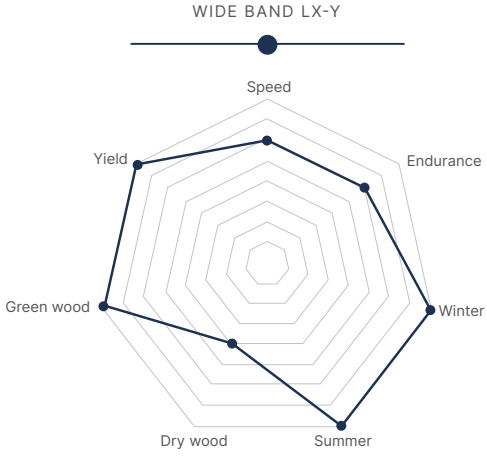
Lengths: 5200-14 000 mm
Width: 80-206 mm
Thickness: 0.8-1.3
Pitch: 40 (Stellite), 60 (Frost)
Material: Uddeholm 1600, 1670

STANDARD EXECUTIONS

Aims to reuce waste and provide better yield of sawn material by optimally adapting the tool to the customers conditions.

USAGE

Sawmill big and smaller bandsaw. Vertical and horizontal sawing. Avaible with Stellite and Stellite Frost tips.



mm	inch	mm Gauge	0,8 21	0,9 20	1,0 19	1,1 19	1,15 19	1,2 18	1,25 18	1,3 18
80	2 1/8		X	X	X	X	X	X	X	
90	3 1/2		X	X	X	X	X	X	X	
100	4		X	X	X	X	X	X	X	
110	4 3/8				X	X	X	X	X	
114	4 3/8					X	X	X	X	
120	4 3/4				X	X	X	X	X	
130	5 3/8			X	X	X	X	X	X	
140	5 1/2					X	X	X		X
150	6					X	X	X		X
156	6 3/8							X	X	X
160	6 1/4							X	X	X
181	7 3/8							X	X	X
206	8 3/8								X	

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LANGSHYTTAN
BAND SAW BLADES

WIDE BAND SAW BLADES

FOR SECONDARY PROCESSING

MATERIAL

The Langshyttan band saw blade always come in Uddeholm material. Therefore, the material 1450, 1600 and 1670 stands for the breaking point of the steel but at the same time reflects the hardness, so 1670 is harder than 1450. The harder steel quality can withstand longer operating hours and stress without permanent deformations, but it also has a higher crack risk when bending. It is therefore important that the machine park is serviced and up to date to fully enjoy the better steel quality and its potential.

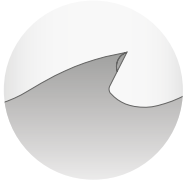
1450 HRC 43-46 For Swaging
1600 HRC 46-49 For Swaging and Stellite
1670 HRC 48-50 For Stellite

GREEN CUT

All steel qualities can be obtained in green steel. Green steel provides a large reduction in carbon dioxide emissions during production. Langshyttan is the world's first bandsaw blade manufacturers able to offer a saw body in green steel.

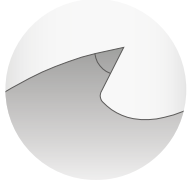
GENERAL INFORMATION

It is a general limit that you try to stay under 1/1000 of the wheel diameter. Mainly for larger wheels 1000 mm and larger. Teeth spacing should preferably be such that there are 3-5 teeth in engagement. Tooth height 1/3 of pitch or up to max. 10 times blade thickness. Felling per tooth raw coniferous trees 0.8-1.2 mm (At minus degrees you should not exceed 1.1 mm. Dried conifers 0.5-0.8 mm. Birch oak etc. raw not over 0.9 and down dried 0.3-0.6 mm a little depending on how hard the tree species are. Generally, the harder the wood, the less removal per tooth. Cutting angle 27-28 degrees raw wood. 24-26 birch oak etc. The harder the tree, the lower the chip angle. Swage/ Stellite It's a bit of a matter of taste. The Stellite can handle longer operating times, often over double the time compared to Swage. The back angle is often 10-14 degrees in the Nordics and should not fall below 6 degrees. Kajaani, step tooth and or bottom saw are mainly for sawing raw wood in the winter.



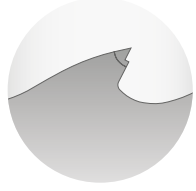
SWAGE

- A robust band saw blades combining quality and independency.
- Developed for European and North American conditions.



STELLITE

- Robust band saw blades with balanced running time and feed speed.
- Developed for European conditions.



STELLITE FROST

- Band saw blades adapted for frozen logs and tough winter conditions.
- Developed to endure extreme Nordic winter environment.

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LANGSHYTTAN
BAND SAW BLADES

WIDE BAND SAW BLADES:
FOR SECONDARY BREAKDOWN

LX-DRY CUT

The LX-DC is a new band saw blade designed with LX technology for increased operating times and a new tip geometry focused on planing mills, dry sawing, and where finely cut surfaces and a high-quality finsish are desired. Building on the proven LX Series foundation, this model emphasizes precision and surface quality through its innovative tip design. It is engineered for applications requiring a superior finish, such as in resaw operations and dry wood processing, ensuring smooth cuts.

STANDARD DIMENSIONS

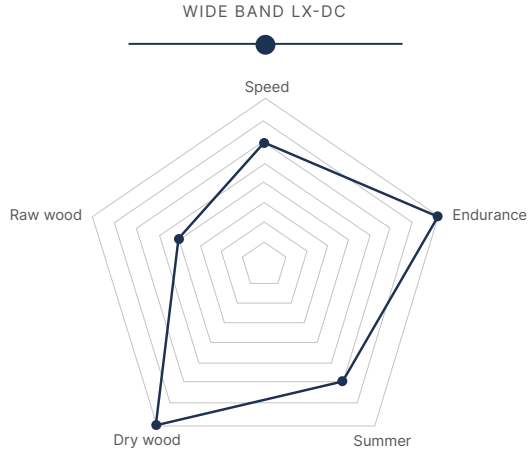
Lengths: 5200-12 000 mm
Width: 75-156 mm
Thickness: 0.8-1.3
Pitch: 40 (Stellite), 60 (Frost)
Material: Uddeholm 1450, 1600

STANDARD EXECUTIONS

Stellite tipped, adapted for effective dust removal and extra fine surfaces.

USAGE

Sawmill big and smaller bandsaw. Vertical and horizontal sawing. Stellite tips.



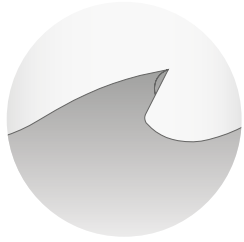
mm	inch	mm Gauge	0,8 21	0,9 20	1,0 19	1,1 19	1,15 19	1,2 18	1,25 18	1,3 18
75	2 15/16		X	X	X	X				
80	2 1/8		X	X	X	X	X	X	X	
90	3 1/2		X	X	X	X	X	X	X	
100	4		X	X	X	X	X	X	X	
110	4 3/8				X	X	X	X	X	
114	4 3/8					X	X	X	X	
120	4 3/4				X	X	X	X	X	
130	5 3/8			X	X	X	X	X	X	
140	5 1/2					X	X	X		X
150	6					X	X	X		X
156	6 3/8							X	X	X

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LANGSHYTTAN
BAND SAW BLADES

WIDE BAND SAW BLADES:
FOR SECONDARY PROCESSING

SWAGE



- A robust band saw blade combining quality and independency.
- Swaged for a positive balance between maintainability and performance.
- Developed for European and North American conditions.
- Using only Uddeholm Strip Steel.

STANDARD DIMENSIONS

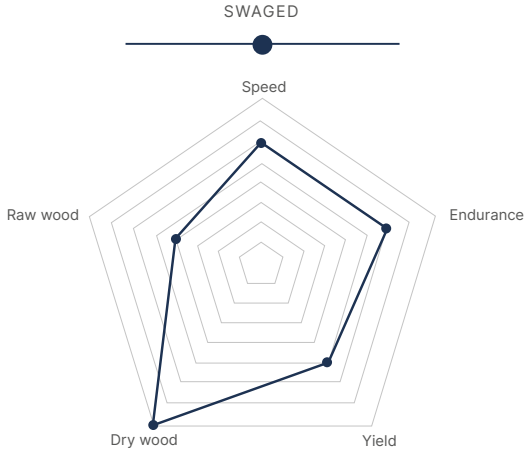
Lengths: 5000-13 000 mm
Width: 75-360 mm
Thickness: 0.8-2.41
Material: Uddeholm 1450, 1600, 1670

STANDARD EXECUTIONS

Swaged and adapted for dry wood. Tooth shape and angles adapted for customer as far as possible.

USAGE

Swaged and adapted for dry conditions. Often for planing or larger carpentry bandsaws.



mm	inch	mm Gauge	1,1 19	1,15 19	1,2 18	1,25 18	1,3 18	1,38 17	1,47 17	1,65 16	1,83 15	2,11 14	2,26 14	2,41 13
70	2 3/4		X			X								
80	2 1/8		X	X	X	X								
90	3 1/2		X	X	X	X			X					
100	4		X	X	X	X			X					
110	4 3/8		X	X	X	X								
114	4 3/8		X	X	X	X								
120	4 3/4		X	X	X	X								
130	5 3/8		X	X	X	X								
140	5 1/2		X	X	X		X							
150	6		X	X	X		X							
156	6 3/8				X	X	X		X					
160	6 1/4				X	X	X							
181	7 3/8				X	X		X	X	X				
206	8 3/8					X		X	X	X				
232	9 3/8							X	X	X	X			
250	9 7/8								X	X	X			
260	10 1/4								X	X	X			

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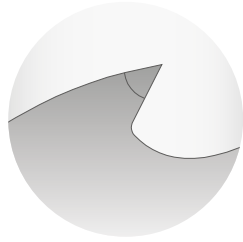
LANGSHYTTAN
BAND SAW BLADES

WIDE BAND SAW BLADES:
FOR SECONDARY PROCESSING

STELLITE



- Robust band saw blades with balanced running time and feed speed.
- Developed for European conditions.
- Select steel and Stellite tipped for abrasion resistance and longer saw times.
- Using only Uddeholm Strip Steel.

STANDARD DIMENSIONS

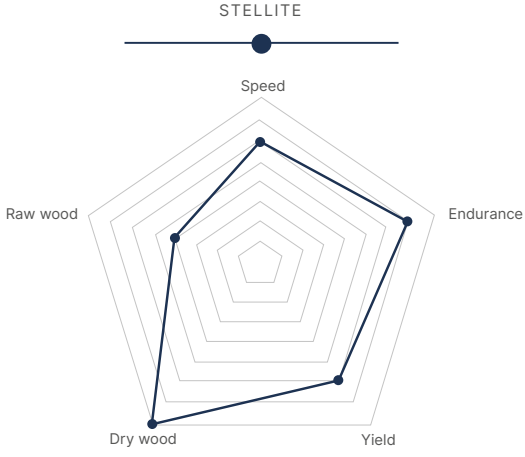
Lengths: 5000-13 000 mm
Width: 75-360 mm
Thickness: 0.8-2.41
Material: Uddeholm 1450, 1600, 1670

STANDARD EXECUTIONS

Swaged and adapted for dry wood. Tooth shape and angles adapted for customer as far as possible.

USAGE

Sawmill big and smaller bandsaw. Vertical and horizontal sawing.



mm	inch	mm Gauge	1,1 19	1,15 19	1,2 18	1,25 18	1,3 18	1,38 17	1,47 17	1,65 16	1,83 15	2,11 14	2,26 14	2,41 13
70	2 3/4		X			X								
80	2 1/8		X	X	X	X								
90	3 1/2		X	X	X	X			X					
100	4		X	X	X	X			X					
110	4 3/8		X	X	X	X								
114	4 3/8		X	X	X	X								
120	4 3/4		X	X	X	X								
130	5 3/8		X	X	X	X								
140	5 1/2		X	X	X		X							
150	6		X	X	X		X							
156	6 3/8				X	X	X		X					
160	6 1/4				X	X	X							
181	7 3/8				X	X		X	X	X				
206	8 3/8					X		X	X	X				
232	9 3/8							X	X	X	X			
250	9 7/8								X	X	X			
260	10 1/4								X	X	X			

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LANGSHYTTAN
BAND SAW BLADES

FOOD
BAND SAW BLADES

NARROW BAND SAW BLADES OF HIGH-GRADE STAINLESS STEEL FOR USE IN THE FOOD INDUSTRY

- For cutting fresh and frozen meat with or without bones, as well as fish and vegetables.

STANDARD DIMENSIONS

Lengths: Coil in running metre
Width: 16-25 mm
Pitch: 3TPI-4TPI

STANDARD EXECUTIONS

Strip steel hardness 41-43 HRC.
Hardened tooth tips.

LANGSHYTTAN
BAND SAW BLADES

NARROW BAND SAW BLADES

NARROW BAND SAW BLADES AIMED AT THE SAWING INDUSTRY WITH HARDENED, STELLITE OR HM TIPS DEPENDING ON THE APPLICATION

- Handles soft as wee as hard wood types depending on the tooth type selected. Supplied either by the metre in coils or as ready-use bands.

STANDARD DIMENSIONS

Lengths: Coils or cut and welded to desired length.
Width: 27-65 mm
Pitch: 20-45

STANDARD EXECUTIONS

High-grade stainless steel.
Strip steel hardness 41-43 HRC.
Coils or ready-to-use bands.

AVALIBLE TIP OPTIONS

Hardened
Stellite
HM

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

PLANING TOOLS

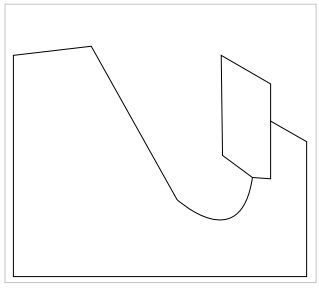
TECHINCAL INFORMATION

BBM produces tools according to EN847-1. We would recommend all users such as operators, service and maintenance personal, technichians etc that are in contact with the tools to thoroughly review these standards. Below is a short compilation of different tool types, appelations, techniques and basic information about working with wood and choosing the right tool.

BASIC CONCEPTS AND APPELATIONS

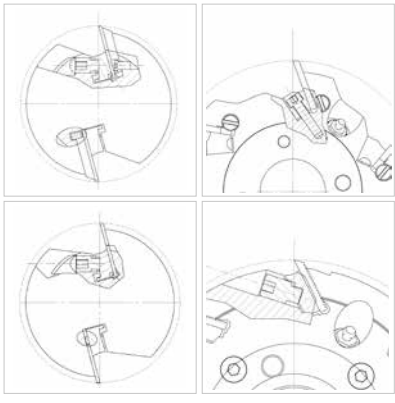
1. BRAZED TOOLS
   The tool consists of a tool body made of untempered steel. The cutting edges are brazed to the tool body and can be ordered with different types of cutting material.

Example of tools: Cutters, drills, saw blades



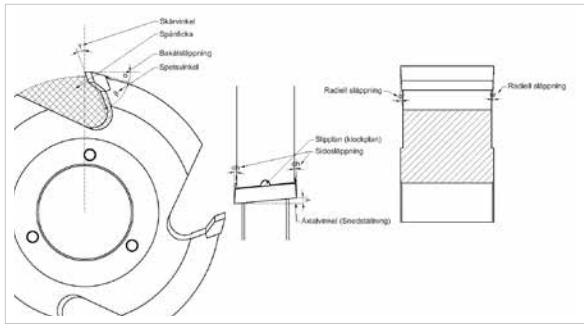
2. ASSEMBLED TOOLS
   Assembled tools consist of a variety of parts mounted together. The knives are fastened by either a wedge or a directly with a screw. There are different solutions for back support, a profiled back support plate for maximum flexibility or a profiled tool body. Knives are exchangeable and available in a selection of materials.

Example of tools: Planer heads, Profile heads, indexable knife tools.



ANGLES AND GEOMETRIES

When ordering and corresponding regarding tools it is of great importance that supplier and customer use the same language and terms. Below is a short description of the technical terminology we use.



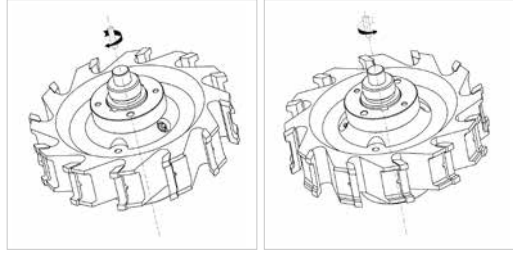
FUNDIMENTAL TERMINOLOGY, ROTATION AND PLACING

Following is terms of trade for where and how a tool is placed in your application. Normally a planer/moulder has four sides for processing. Top, bottom, right and left.

Top = Top part of the machine
Bottom = Bottom part of the machine
Right = Right side looking from the in feed
Left = Left side looking from the in feed

ROTATION

BBM always reference from the in feed side, feeding towards rotation of the tool. The vast majority of planers on the market are feeding from the right side but please advise because left side feeding does occur.
See picture.



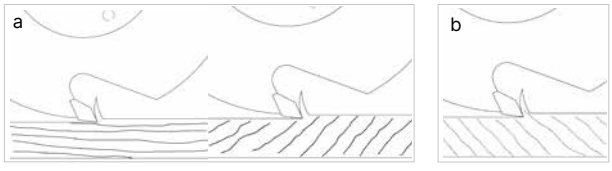
MACHINING

1. FEEDING TOWARDS ROTATION
(CONVENTIONAL MILLING)
The direction of material feed and rotation of tool is the opposite. This is the most common way for machining wood. The tool does not begin its cut directly upon contact (A) but slightly after(B). In this point the tool begins to cut a long chip that thickens until the cutting edge leaves the material(C). Feeding towards rotation allows longer running times by favorable angles and lower cutting force. Adverse fibre direction can effect cutting and result in chipping. Feeding towards rotation is the only course of action recommended for manual feed.

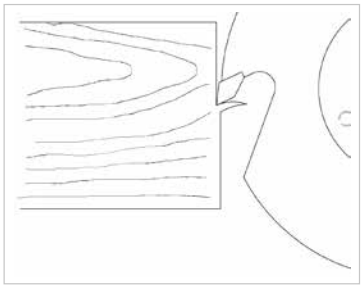
2. FEEDING WITH THE ROTATION(CLIMB MILLING)
(HIGHLY UNCOMMON FOR PLANING/MOULDING)
The direction of material feed and tool rotation is the same. The tool immediately begins to cut upon contact and in this point starts to cut a short chip that will get thinner until the cutting edge leaves the material. Feeding like this allows good surface finish and requires lower feeding force. When feeding with rotation, running times will be effected negatively due to unfavorable angles and lack of cleavage. BBM recommends this for mecanical feed only.

CUTTING DIRECTIONS

1. CUTTING ALONG THE FIBRES
Favorable cutting conditions which in most cases provide a good surface finish. Be advised that when cutting finger jointed materials the fibre direction can vary. Cleavage will then differ and can effect the surface finish.



2. END GRAIN CUTTING
The angle between the tool direction and the fibres is 90°. Tough machining that can result in a slightly rough finish. Cutting can be eased by applying axial angle to the cutting edge.



SURFACE FINISH

To maintain a high quality production it is of great importance that tools as well as machine is in good condition. By highly developed technology, competence and meticulous supervision at BBM, run out as well as profile accuracy is kept within the tightest tolerances. The surface finish when milling and sawing is determined mainly by feed per tooth, mm(mill marks), cutting diameter, amount of teeth, depth of mill marks. The ratio for these parameters is described in the following examples.

$$Sz = \frac{Vf * 1000}{N * Z} mm$$

Sz = Feed per tooth, mill marks (mm)
Vf = Feed (m/min)
N = Revolutions per minute (rpm)
Z = Amount of teeth

Depth of mill marks can be calculated as example below

$$t = \frac{Sz^2}{4 * D}$$

t = Depth of mill marks
D = Cutting diameter

Cutting speed(periferal velocity) is decided by the tool diameter and revolutions per minute, calculated as below.

$$Vc = \frac{D * \pi * N}{1000 * 60} m$$

D = Cutting diameter
N = Revolutions per minute
π = 3,14

When milling, shorter mill marks provide better surface finish.

Sz = 0,3-0,8mm eg furniture/carpentry
Sz = 0,8-2,5mm eg paneling
Sz = 2,5-5,0mm eg construction wood

For tools without hydro, earlier advised formula can only be calculated with Z1. To achieve a proper finish from all Z in a tool, hydro clamping is necessary.

JOINTING

When jointing a whetstone is run across the rotating tool, it is done to improve the run out. This method is mainly used on planer cutters but can also be applied for profiling. The repetition between the grinding machine and the planer can differ slightly, this will effect the run out negatively.

Jointing will eliminate this deviation and provide a better surface finish. Another benefit from jointing is that it strengthens the edge of the knife, the disadvantage is that the knife looses some of its sharpness because the edge is rounded off.

SAFETY

In the process of sawing and milling wood, operators are exposed to great hazard. The tools used are heavy, very sharp and rotates at high velocity, therefore its extremely important to take part of the manuals and safety regulations provided by BBM.

BBM produces tools according to EN847-1 which is the european safety standard for milling tools and saw blades. Example of demands in EN847-1 is the grade of accuracy used for balancing the tools and also the marking of tools. Given demands for marking of for example a brazed tool is that the following parameters are permanently marked in the tool.

- The name or trade mark of the manufacturer or supplier
- The maximum rotation speed (eg max 6000rpm)
- The tool dimensions (Cutting diameter, cutting width, bore diameter)
- Cutting material group
- Integrated or manual feed (eg MEC for integrated feed)

GENERAL INSTRUCTIONS

Always follow the instructions given on a tool or drawing regarding maximum revolutions per minute. This is what the tools are designed for and exceeding it will place personnel, machine and peripherals at great risk. Most machines has an integrated solution for securing the rotation of tools and if this solution is used the provided instructions for it applies.

BBM also has a solution for securing rotation that can be applied for all types of machines. Following example show how to apply it to the spindle.

Be sure to always take part of and follow instructions and safety regulations supplied from both machine and tool manufacturers.

When cleaning tools equipped with hydro clamping be sure to always leave the pressurizing open to prevent the tool from being deformed from high temperatures in the tool washing machine. To maintain function and safety of a tool be sure to always use original BBM spare parts for all types of service and repair. Below is a selection of the most common spare parts from BBM.

TOOL TYPE	SPARE PART	ARTICLE	AREA OF USE
BBM Helix	Screw for insert knives	Helixskruv R20	Fastening insert knives
BBM Helix	Standard Helix insert knife	15152,5-R115C	Insert knife
BBM Cutter heads, Profile heads	Screw M12	32087	Fastening wedges and knives
Hydro tools	Pressurizing nipple	32088	Pressurizing hydro tools
Hydro tools	Release nipple	32089	Releasing pressure
Hydro tools	LSAB Hydro grease cartridge	K33090	Grease for hydro tools
Miscellaneous	Adjustable torque wrench 5-14Nm	V745500	Safe fastening of knives
Miscellaneous	Bit holder for torque wrench	V745540	Safe fastening of knives

Tools produced for integrated feed must NEVER be used for manual feed.

THE IMPORTANCE OF TORQUE

For tools where the cutting edge is fixed with screws or friction it is very important to follow the instructions about torque provided. Torque is calculated to keep the cutting edge in the right place. Not applying the correct torque can cause the cutting edge to move out of position or leave the tool body. To ensure that you apply the correct torque use a torque wrench.

The accuracy of the torque wrench should be controlled frequently. BBM recommends every 6 months. Following is a table of which torque to be used for BBM tools.
Always follow instructions and safety regulations provided by machine and tool manufacturers to keep free from incidents and uphold a safe and productive work place. Always use the packaging supplied from BBM for service and if possible storage. If a tool has or is suspected to have been exposed to undue influence, shows signs of or has visible damages always contact BBM for consulting before continued use.

TOOL TYPE	SCREW	TORQUE
BBM Helix	Helixskruv R20	7Nm
BBM Meteor	M10	26Nm
BBM Cutter head, flat knives	32087 M12	45Nm
BBM Cutter head Light	32087 M12	18Nm
BBM Cutter head, serrated knives	32087 M12	18Nm
BBM Profil cutter head	32087 M12	18Nm
Hydro tools	Pressure nipples 32088, 32089	14Nm
Cutter heads flat knives, external supplier	M10	32Nm
Cutter heads flat knives, external supplier	M12	45Nm

PICTOGRAMS

HSS
High Speed Steel is optimized for heat resistancy and excellent running times. It is suitable for soft materials and stays sharp over time.

Hardyx
Hardyx enables substantially longer running times compared to HSS, allows a higher feeding speed through the planer and provides a higher finish on the processed material. Hardyx is suitable for requiring applications with high demands on liability. Hardyx is specially suitable for machining materials with hard knots. Its high resistancy to cracks keeps it more stable when cutting through the strains that occur in the transition between soft and hard materials. This also applies for foreign objects that may enter the planer such as rocks, clips etc. We often recommend Hardyx when working with tool optimizing projects.

HW
BBM has a special grade tungsten carbide called OptiPine. Its a tough and less brittle grade which makes it more resistant to cracks and damage when working materials with hard knots. Its characteristics provides a very high resistancy and very long running times.

DP
DP (Polycrystalline diamond) In applications that demands extremely hard cutting materials we can use DP. Its characteristics makes it very resistant for wear and provides a long tool life time. DP is fused under high pressure and very high temperature.

High Speed Steel | Hardyx | Carbide | Solid Steel Tool | Poly-crystalline diamond | GalaxPro

Soft wood | Hard wood

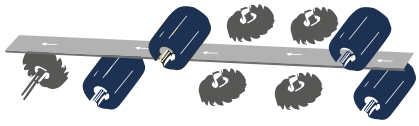
Hydraulic fastening | Hydro bushing | Hydro sleeve | Solid hydro | Anti vibration | For mechanical feed only | Assembled tools | Brazed tools

BBM
PLANING TOOLS

HYDRO PLANER CUTTER METEOR

Light weight cutter for planing i high feeds and demanding applications. Use with serrated planer knives and safety ring.

HSS GXP HW MEC



Features & benefits

- The blade is attached with only two (O2) clamping screws on the side of the cutter. Allowing for fast repositioning of knives in service.
- Due to the corrugation, the blade is very easy to remove, and it always stays straight when tightening the screws.
- Due to the corrugation and reverse angled wedge, the risk of the blade coming off when planing is non-existent.
- Reduced noise from closed design - there are no screw holes on the surface of the cutter that cause vortices.
- Cleaning the cutter is very easy due to the flat surface and no peripheral openings. Nowhere for residue to remain.
- Can run with both 30 & 35 mm back corrugated 4 mm knives.

TECHNICAL DATA

D	D2	B	Z	Bore	RPM
180	172	235	6	**	6000
180	172	235	8	**	6000
203	172	235	8	**	6000
203	195	235	10	**	6000
203	195	235	12	**	6000
203	195	260	10	**	6000
203	195	260	12	**	6000
203	195	260	16	**	6000
250	242	310	16	**	6000
250	242	310	20	**	6000

Torque wrench for planer cutters	
Wrench 19-110Nm L385	V745600

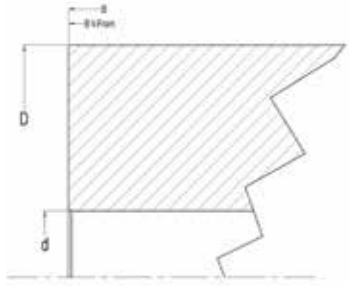
Accessories	Art.No.
Safety ring Ø45 spindle	K32091
Safety ring Ø50 spindle	K32092
Safety ring Ø60 spindle	K32093

BBM

HYDRO PLANER CUTTER

Cutter for planing i high feeds and demanding applications. Use with thin or serrated planer knives and safety ring.

HSS | GXP | HW | MEC



TECHNICAL DATA

D	D2	B	Z	Bore	RPM	Art.No.
180	172	235	6	**	6000	E24.*****
180	172	235	8	**	6000	E24.*****
203	172	235	8	**	6000	E24.*****
203	195	235	10	**	6000	E24.*****
203	195	235	12	**	6000	E24.*****
203	195	260	10	**	6000	E24.*****
203	195	260	12	**	6000	E24.*****
203	195	260	16	**	6000	E24.*****
250	242	310	16	**	6000	E24.*****
250	242	310	20	**	6000	E24.*****

Torque wrench for planer cutters	
Wrench 19-110Nm L385	V745600
M10 bits 3/8 hex	V745610
M12 bits 3/8 hex	V745611

Accessories	Art.No.
Posting tool	Y527-Trapp2/3
M12×20 Screw	K32087
Safety ring Ø45 spindle	K32091
Safety ring Ø50 spindle	K32092
Safety ring Ø60 spindle	K32093

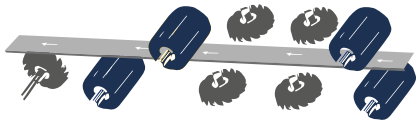
IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

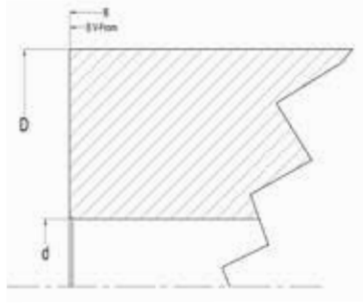
BBM
PLANING TOOLS

LIGHT HYDRO PLANER CUTTER

Light weight cutter for planing in high feeds and demanding applications. Use with serrated planer knives and safety ring.

HSS | GXP | HW | MEC





TECHNICAL DATA

D	D2	B	Z	Bore	RPM	Art.No.
180	172	235	6	**	6000	E25.*****
180	172	235	8	**	6000	E25.*****
203	172	235	8	**	6000	E25.*****
203	195	235	10	**	6000	E25.*****
203	195	235	12	**	6000	E25.*****
203	195	260	10	**	6000	E25.*****
203	195	260	12	**	6000	E25.*****
203	195	260	16	**	6000	E25.*****
250	242	310	16	**	6000	E25.*****
250	242	310	20	**	6000	E25.*****

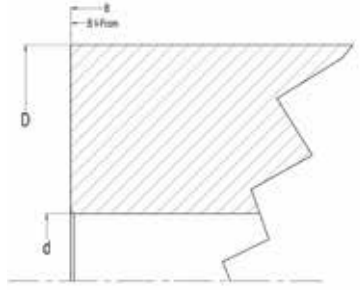
Torque wrench for planer cutters	
Wrench 19-110Nm L385	V745600
M10 bits 3/8 hex	V745610
M12 bits 3/8 hex	V745611

Accessories	Art.No.
M12×20 Screw	K32087
Safety ring Ø45 spindle	K32091
Safety ring Ø50 spindle	K32092
Safety ring Ø60 spindle	K32093

BBM PLANING TOOLS

HYDRO HELIX CUTTER

Pre cutting spiral tool with recessed indexable knives. Also available in light weight model. Can be ordered in different types with directed chip removal. Use with safety ring.



TECHNICAL DATA

D	B	Z	Bore	RPM	Art.No. Single Helix	Art.No. Plow Helix
180	235	4+4	**	6000	E26.*****	E26.*****
180	235	5+5	**	6000	E26.*****	E26.*****
180	235	6+6	**	6000	E26.*****	E26.*****
200	235	5+5	**	6000	E26.*****	E26.*****
200	235	6+6	**	6000	E26.*****	E26.*****
200	260	7+7	**	6000	E26.*****	E26.*****
200	260	5+5	**	6000	E26.*****	E26.*****
200	260	6+6	**	6000	E26.*****	E26.*****
200	260	7+7	**	6000	E26.*****	E26.*****
250	310	7+7	**	6000	E26.*****	E26.*****
250	310	8+8	**	6000	E26.*****	E26.*****

Torque wrench for Helix	Art.No.
Wrench 5-14Nm	V745500
Bit holder 1/4 S6mm L=105	V745540
Bit Torx 20 L = 50	V745547

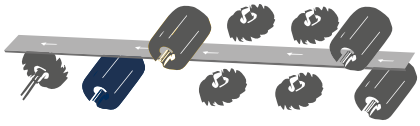
Accessories	Art.No.
Helix insert knife R115 15×15×2,5	15152,5-R115C
Helix screw	Helix screw R20
Safety ring Ø45 spindle	K32091
Safety ring Ø50 spindle	K32092
Safety ring Ø60 spindle	K32093

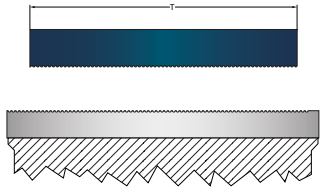
BBM
PLANING TOOLS

PAINT CUTTER

BBM invented straight edged tool with serration which provides a surface similar to fine sawn.

HSS | HX | HW | MEC





TECHNICAL DATA

D	Z	Bore	Art.No.
200	4	**	E28.*****
200	8	45	E28.*****
200	12	45	E28.*****
280	16	60	E28.*****

DIMENSION TABLE OPTIONS

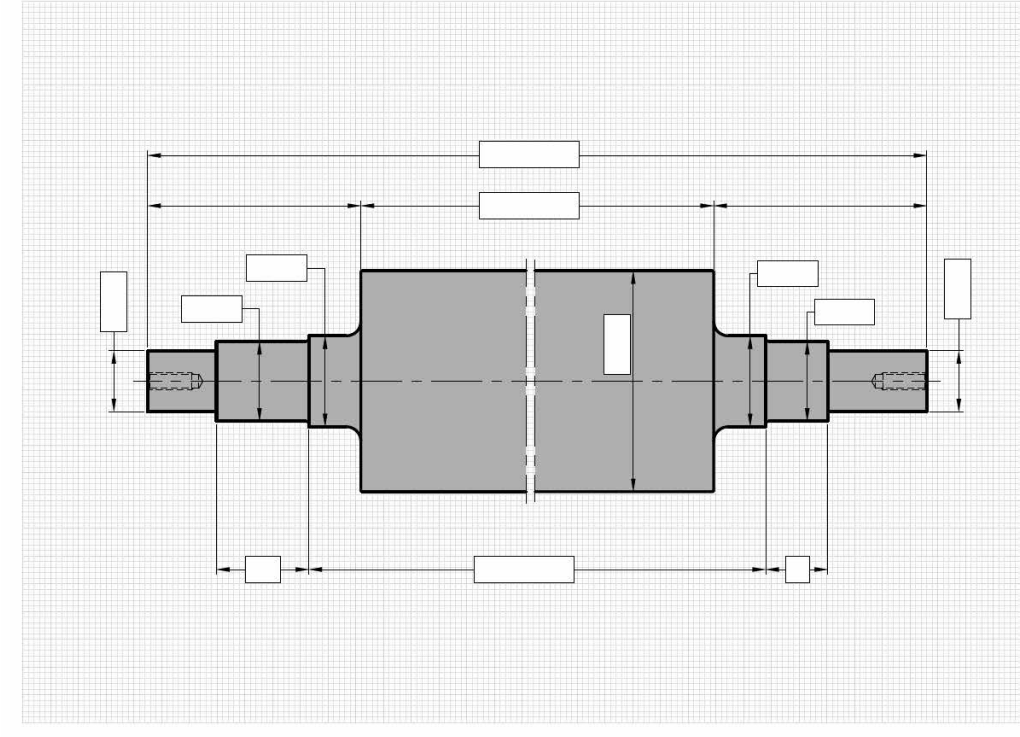
T mm	Profile No.
145	10020
190	10021

Accessories	Art.No.
Hydro sleeve	B45/60-75
Hydro sleeve	B50/60-75
Hydro sleeve	B60/70-75
Hydro sleeve	BL45/100-75
Hydro sleeve	BL50/100-75

BBM
PLANING TOOLS

PLANER CUTTER WITH INTEGRATED SPINDLE

Special cutter with integrated spindle. Measurements and dimension varies depending on machine and should be specified when ordering.



BBM PLANING TOOLS

HYDRO PROFILE CUTTER

Cutter for profiled blanks. Used with profiled blanks (below) and safety ring.

HSS GXP MEC

TECHNICAL DATA

D	B	Z	Bore	RPM	Art.No.
150	60	6	**	6000	E27.*****
150	160	4	**	6000	E27.*****
150	160	6	**	6000	E27.*****
163	60	8	**	6000	E27.*****

PROFILE BLANKS HSS

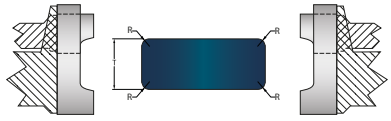
B mm	Art.No. H=50 Profile Depth 13	Art.No. H=60 Profile Depth 23	Art.No. H=70 Profile Depth 32
40	K224050HSSR	K224060HSSR	K224070HSSR
60	K226050HSSR	K226060HSSR	K226070HSSR
80	K228050HSSR	K228060HSSR	K228070HSSR
100	K2210050HSSR	K2210060HSSR	K2210070HSSR
110	K2211050HSSR	K2211060HSSR	K2211070HSSR
130	K2213050HSSR	K2213060HSSR	K2213070HSSR
150	K2215050HSSR	K2215060HSSR	K2215070HSSR
160	K2216050HSSR	K2216060HSSR	K2216070HSSR
180	K2218050HSSR	K2218060HSSR	K2218070HSSR
230	K2223050HSSR	K2223060HSSR	K2223070HSSR

BBM
PLANING TOOLS

ADJUSTABLE RADIUS CUTTER

Flexible tool suitable for small batch production and varying dimensions. T is adjusted with spacer rings. Setting rings and external rings are additional.

HSS | HX | HW | MEC



TECHNICAL DATA

D	Z	Bore	Art.No. RH	Art.No.LH
180	6	**	E01.*****	E01.*****
200	8	**	E01.*****	E01.*****
220	10	**	E01.*****	E01.*****
250	12	**	E01.*****	E01.*****
280	16	**	E01.*****	E01.*****

DIMENSION TABLE

T mm	R mm	Profile No. LH	Profile No. RH
19-48	4	23982	23981

OPTIONS

Accessories	Art.No.
Hydro sleeve	B45/60-115
Hydro sleeve	B50/60-115
Hydro sleeve	B60/70-140

ACCESSORIES

Accessories	Art.No.
Spacer ring set	RP9060-29

BBM
PLANING TOOLS

DOUBLE RADIUS CUTTER

Double radius cutter for volume production.
Also availabe with multiple profiles for short set up times when changing profile.

HSS HX HW MEC

TECHNICAL DATA

D	Z	Bore	Art.No. RH/LH
180	6	**	E02.*****
200	8	**	E02.*****
220	10	**	E02.*****
250	12	**	E02.*****
250	16	**	E02.*****
280	16	**	E02.*****

DIMENSION TABLE

T mm	R mm	Profile No. LH	Profile No. RH
22	4	20090	20090
28	4	20091	20091
38	4	20092	20092
45	4	20093	20093
70	4	20095	20095

OPTIONS

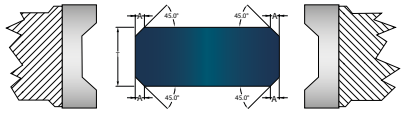
Accessories	Art.No.
Hydro sleeve	A45/60-55
Hydro sleeve	A50/60-55
Hydro sleeve	A45/60-75
Hydro sleeve	A50/60-75

BBM PLANING TOOLS

DOUBLE CHAMFER CUTTER

Double chamfer cutter for volume production.
Also availabe with multiple profiles for short set up times when changing profile.

HSS | HX | HW | MEC



TECHNICAL DATA

D	Z	Bore	Art.No. RH/LH
180	6	**	E03.*****
200	8	**	E03.*****
220	10	**	E03.*****
250	12	**	E03.*****
250	16	**	E03.*****
280	16	**	E03.*****

DIMENSION TABLE

T mm	R mm	Profile No. LH	Profile No. RH
22	4	20080	20080
28	4	20081	20081
38	4	20082	20082
45	4	20083	20083
70	4	20084	20084

OPTIONS

Accessories	Art.No.
Hydro sleeve	A45/60-55
Hydro sleeve	A50/60-55
Hydro sleeve	A45/60-75
Hydro sleeve	A50/60-75

BBM PLANING TOOLS

RADIUS CUTTER

Radius cutter for volume production. Suitable for machines with multiple side spindle pairs for fast adjustment of product dimension.

HSS HX HW MEC

TECHNICAL DATA

D	Z	Bore	Art.No. RH	Art.No.LH
180	6	**	E04.*****	E04.*****
200	8	**	E04.*****	E04.*****
220	10	**	E04.*****	E04.*****
250	12	**	E04.*****	E04.*****
250	16	**	E04.*****	E04.*****
280	16	**	E04.*****	E04.*****

DIMENSION TABLE

T mm	R mm	Profile No. LH	Profile No. RH
45	4	22363	22364

OPTIONS

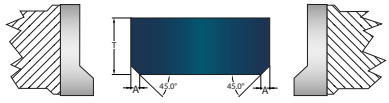
Accessories	Art.No.
Hydro sleeve	A45/60-55
Hydro sleeve	A50/60-55

BBM
PLANING TOOLS

CHAMFER CUTTER

Chamfer cutter for volume production. Suitable for machines with multiple side spindle pairs for fast adjustment of product dimension.

HSS HX HW MEC



TECHNICAL DATA

D	Z	Bore	Art.No. RH	Art.No. LH
180	6	**	E05.*****	E05.*****
200	8	**	E05.*****	E05.*****
220	10	**	E05.*****	E05.*****
250	12	**	E05.*****	E05.*****
250	16	**	E05.*****	E05.*****
280	16	**	E05.*****	E05.*****

DIMENSION TABLE

T mm	A mm	Profile No. LH	Profile No. RH
45	Max 5	20076	20075

OPTIONS

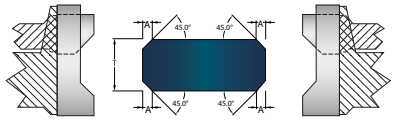
Accessories	Art.No.
Hydro sleeve	A45/60-55
Hydro sleeve	A50/60-55

BBM PLANING TOOLS

ADJUSTABLE CHAMFER CUTTER

Flexible tool suitable for small batch production and varying dimensions. T is adjusted with spacer rings. Setting rings and external rings are additional.

HSS | HX | HW | MEC



TECHNICAL DATA

D	Z	Bore	Art.No. RH	Art.No.LH
180	6	**	E06.*****	E06.*****
200	8	**	E06.*****	E06.*****
220	10	**	E06.*****	E06.*****
250	12	**	E06.*****	E06.*****
280	16	**	E06.*****	E06.*****

DIMENSION TABLE

T mm	R mm
9-48	Max 5

OPTIONS

Accessories	Art.No.
Hydro sleeve	B45/60-115
Hydro sleeve	B50/60-115
Hydro sleeve	B60/70-140

ACCESSORIES

Accessories	Art.No.
Spacer ring set	RP9060-29
Spacer ring set	RP10470-29

BBM
PLANING TOOLS

STRAIGHT EDGE CUTTER

Straight tool for volume production.

HSS | HX | HW | MEC

TECHNICAL DATA

D	Z	Bore	Art.No. RH/LH
180	6	**	E07.*****
200	8	**	E07.*****
220	10	**	E07.*****
250	12	**	E07.*****
250	16	**	E07.*****
280	16	**	E07.*****

DIMENSION TABLE

T mm	Profile No. LH	Profile No. RH
45	23	23
70	26	26

OPTIONS

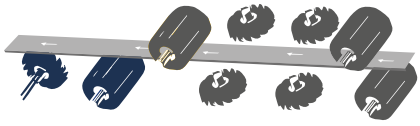
Accessories	Art.No.
Hydro sleeve	A45/60-55
Hydro sleeve	A50/60-55
Hydro sleeve	A45/60-75
Hydro sleeve	A50/60-75

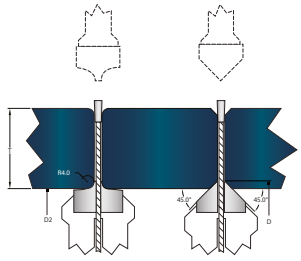
BBM PLANING TOOLS

SPLITTING SET

Splitting sets can be ordered with side tools for radius, chamfer or stabilizers for straight cuts. Combine splitting blade Galax TRZ with side tools and dividing cutter in Hardyx to get a high performance cutting unit suitable for demanding applications.

HSS | HX | HW | MEC





TECHNICAL DATA

D	D2	Z	Bore	Art.No. R4	Art.No. 45°
135	127	6	**	E08.*****	E08.*****
135	127	8	**	E08.*****	E08.*****
162	154	6	**	E08.*****	E08.*****
162	154	8	**	E08.*****	E08.*****
162	154	10	**	E08.*****	E08.*****
206	198	10	**	E08.*****	E08.*****
206	198	12	**	E08.*****	E08.*****

DIMENSION TABLE

T mm	D mm	Art.No. Blade	D mm	Profile No. R4	Profile No. 45°	Stabilizer Diameter	Stabilizer Art.No.
25	200	A70760	60	30030	40030	115	11560016,0-3
45	225	A70761	60	30030	40030	115	11560016,0-3
25	225	A70761	60	30032	40032	140	14060016,0-3
45	250	A70762	60	30032	40032	140	14060016,0-3
70	300	A70764	60	30032	40032	140	14060016,0-3
25	250	A70773	70	30034	40034	180	18070016,0-3
45	300	A70772	70	30034	40034	180	18070016,0-3
70	350	A70769	70	30034	40034	180	18070016,0-3

OPTIONS

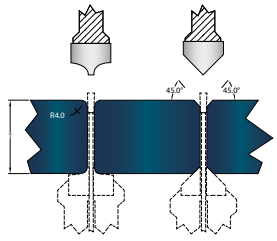
Accessories	Art.No.
Hydro sleeve	B45/60-75
Hydro sleeve	B45/60-190
Hydro sleeve	C50/60-55
Hydro sleeve	B50/60-75
Hydro sleeve	B50/60-190
Hydro sleeve	B60/70-75
Hydro sleeve	B60/70-190

BBM
PLANING TOOLS

DIVIDING CUTTER

Dividing cutter for top spindle, used in combination with splitting set. Available with radius or chamfer. Choose Hardyx and Solid hydro for shorter set up, high precision and long running time.

HSS HX HW MEC



TECHNICAL DATA

D	Z	Bore	Art.No. R4	Art.No. 45°
180	6	**	E09.*****	E09.*****
200	8	**	E09.*****	E09.*****
200	10	**	E09.*****	E09.*****
220	12	**	E09.*****	E09.*****
250	12	**	E09.*****	E09.*****
280	16	**	E09.*****	E09.*****

DIMENSION TABLE

Profile No. R4	Profile No. 45°
30867	40867

OPTIONS

Accessories	Art.No.
Hydro sleeve	A45/60-55
Hydro sleeve	A50/60-55
Hydro sleeve	A60/70-55

BBM PLANING TOOLS

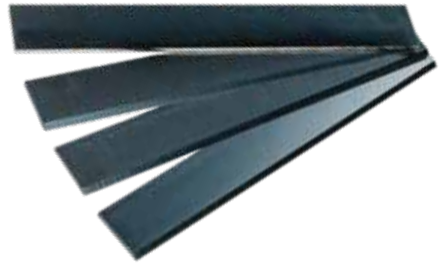
PLANER KNIVES

GALAX PRO

A high performance planer knife that vastly improves running times compared to HSS. GalaxPro also allows a higher feeding speed and provides better surface finish. The material is not brittle which makes it more durable to foreign objects such as clips and rocks.

Dimensions Thin	Dimensions Thin	Dimensions Black Serrated	Art.No.	Art. No.	Art.No.
180×30×3			K308609		
230×30×3			K308613		
235×30×3			K308614		
260×30×3			K308616		
310×30×3			K308618		
	180×35×3			K308709	
	230×35×3			K308713	
	235×35×3			K308714	
	260×35×3			K308716	
	310×35×3			K308718	
		180×30×4			K308815
		230×30×4			K308818
		235×30×4			K308819
		260×30×4			K308822
		310×30×4			K308827

GXP



HSS

BBM:s HSS is optimized for good heat resistancy and long running time. It is suitable for soft materials and stays sharp for a long time.

Dimensions Thin	Dimensions Thin	Dimensions Black Serrated	Art.No.	Art. No.	Art.No.
180×30×3			K308209		
230×30×3			K308213		
235×30×3			K308214		
260×30×3			K308216		
310×30×3			K308218		
180×35×3			K308309		
	230×35×3			K308313	
	235×35×3			K308314	
	260×35×3			K308316	
	310×35×3			K308318	
	180×30×4			K308815	
	230×30×4			K308818	
	235×30×4			K308819	
		260×30×4			K308822
		310×30×4			K308827

HSS

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

BBM
PLANING TOOLS

ACCESSORIES

HYDRO SLEEVES

D mm	d mm	Fastening Lenght	Art.No. Sleeve
60	45	40	B45/60-75
60	45	60	B45/60-95
60	45	105	B45/60-140
60	45	155	B45/60-190
60	50	40	B50/60-75
60	50	60	B50/60-95
60	50	105	B50/60-140
60	50	155	B50/60-190
70	60	40	B60/70-75
70	60	105	B60/70-140
70	60	155	B60/70-190

JOINTING STONES

	Round Joint	Grain					Art.No.
Weinig	12×32	280	Coarse	Grey	HSS	Smaller moulders	V14401
Weinig	12×33				HW	Jointing carbide	V14402
Jonsered	15,5×100	120	Coarse	Grey	HSS	Standard Jonsered	V14403
Waco	16×100	120	Coarse	White	HSS	Coarse jointing Waco	V14404
Waco	16×125	240	Medium		HSS	Fine jointing works well on coated knives	V14405
	Square Shaped						**Art.No.**
Weinig	60×20×15	280	Coarse	Grey	HSS	Coarse jointing	V14406
Weinig	60×20×15	500	Fine		HSS	Fine jointing works well on coated knives	V14407

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

HYDRO GREASE

Grease for pressurizing of tools	Art.No.
Grease cartridge 400g	K33090
M-08 Grease pump	V09201
Chuck for M-08 grease pump	K49828

Nipples	
Pressurizing nipple	32088
Release nipple	32089

GRINDING WHEELS FOR SCHNEEBERGER

Grinding wheels for front/breast in Schneeberger grinding machines

Wheel Type	Dimension	Art.No.
Borazon 15V9, B126W75RCN	D=175×6×2×23, d=20	V772275
Diamond 15V9/45, D76W75RPN	D=175×10×2×23, d=20	V771075

Grinding wheels for back grinding of straight planer cutter heads

Wheel Type	Dimension	Art.No.
Borazon 6A9, B126C75	D=100×3×6, d=20	V772276

GRINDING WHEELS FOR WEINIG

Grinding wheels for back grinding of straight planer cutter heads
Weinig Rondamat 912 och 909

Wheel Type	Dimension	Art.No.
Borazon B126-C74-W	125×3×4×20	V772282

Front/breast grinding in Weinig Rondamat 912

Wheel Type	Dimension	Art.No.
Diamond, D76-C75-W	150×2×3,3×20	V771093
Borazon, B126-C75-W	150×2×3,3×20	V772289

DRESSING STONES FOR GRINDING WHEELS

Dimension	Art.No.
100×25×13	V14341

SAFETY RINGS

D mm	d mm	T mm	Art.No.
98	40	20	K32090
98	45	20	K32091
98	45	20	K32092
105	60	20	K32093
140	70	20	K32063

SPACER RINGS

T mm	Art.No. D65/d40	Art.No. D70/d45	Art.No. D75/d50	Art.No. D90/d60	Art.No. D104/d70	Art.No. D130/d100
0,1	6540-000,1	7045-000,1	7550-000,1	9060000,1-1	10470000,1-2	130100000,1-1
0,2	6540-000,2	7045-000,2	7550-000,2	9060000,2-1	10470000,2-2	130100000,2-1
0,5	6540-000,5	7045-000,5	7550-000,5	9060000,5-1	10470000,5-1	130100000,5-1
1,0	6540-001,0	7045-001,0	7550-001,0	9060001,0-1	10470001,0-2	130100001,0-1
2,0	6540-002,0	7045-002,0	7550-002,0	9060002,0-1	10470002,0-2	130100002,0-1
3,0	6540-003,0	7045-003,0	7550-003,0	9060003,0-1	10470003,0-2	130100003,0-1
5,0	6540-005,0	7045-005,0	7550-005,0	9060005,0-1	10470005,0-1	130100005,0-1
10,0	6540-010,0	7045-010,0	7550-010,0	9060010,0-1	10470010,0-1	130100010,0-1
20,0	6540-020,0	7045-020,0	7550-020,0	9060020,0-1	10470020,0-1	

SPACER RING SETS

T mm	Art.No. D65/d40	Art.No. D70/d45	Art.No. D75/d50	Art.No. D90/d60	Art.No. D104/d70	Art.No. D130/d100
1	RP6540-1	RP7045-1	RP7550-1	RP906-1	RP10470-1	RP130100-1
2	RP6540-2	RP7045-2	RP7550-2	RP9060-2	RP10470-2	RP130100-2
3	RP6540-3	RP7045-3	RP7550-3	RP9060-3	RP10470-3	RP130100-3
4	RP6540-4	RP7045-4	RP7550-4	RP9060-4	RP10470-4	RP130100-4
5	RP6540-5	RP7045-5	RP7550-5	RP9060-5	RP10470-5	RP130100-5
6	RP6540-6	RP7045-6	RP7550-6	RP9060-6	RP10470-6	RP130100-6
7	RP6540-7	RP7045-7	RP7550-7	RP9060-7	RP10470-7	RP130100-7

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MOULDERS & PCD TOOLS

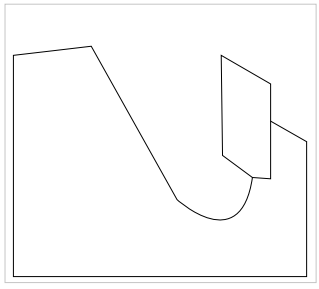
TECHINCAL INFORMATION

We would recommend all users such as operators, service and maintenance personal, technichians etc that are in contact with the tools to thoroughly review these standards. Below is a short compilation of different tool types, appelations, techniques and basic information about working with wood and choosing the right tool.

BASIC CONCEPTS AND APPELATIONS

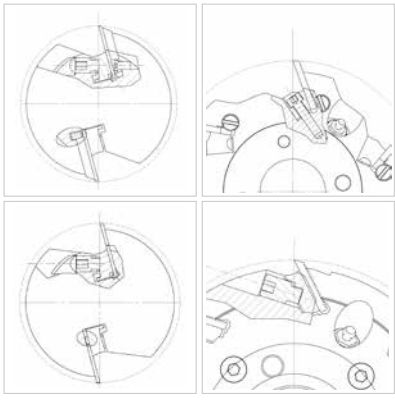
1. BRAZED TOOLS
   The tool consists of a tool body made of untempered steel. The cutting edges are brazed to the tool body and can be ordered with different types of cutting material.

Example of tools: Cutters, drills, saw blades



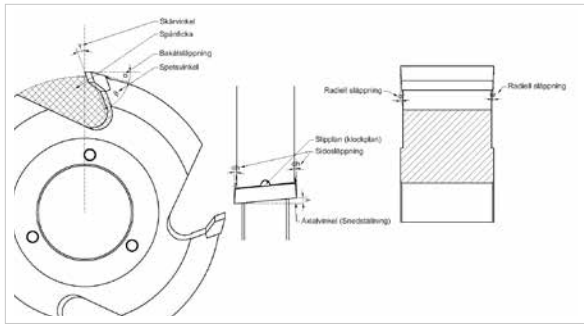
2. ASSEMBLED TOOLS
   Assembled tools consist of a variety of parts mounted together. The knives are fastened by either a wedge or a directly with a screw. There are different solutions for back support, a profiled back support plate for maximum flexibility or a profiled tool body. Knives are exchangeable and available in a selection of materials.

Example of tools: Planer heads, Profile heads, indexable knife tools.



ANGLES AND GEOMETRIES

When ordering and corresponding regarding tools it is of great importance that supplier and customer use the same language and terms. Below is a short description of the technical terminology we use.



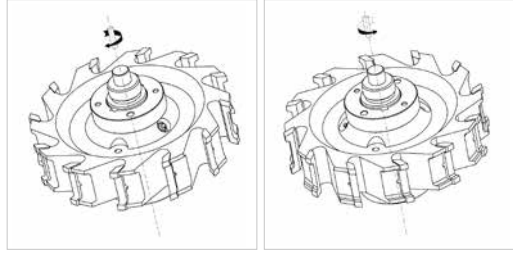
FUNDIMENTAL TERMINOLOGY, ROTATION AND PLACING

Following is terms of trade for where and how a tool is placed in your application. Normally a planer/moulder has four sides for processing. Top, bottom, right and left.

Top = Top part of the machine
Bottom = Bottom part of the machine
Right = Right side looking from the in feed
Left = Left side looking from the in feed

ROTATION

LTT always reference from the in feed side, feeding towards rotation of the tool. The vast majority of planers on the market are feeding from the right side but please advise because left side feeding does occur.
See picture.



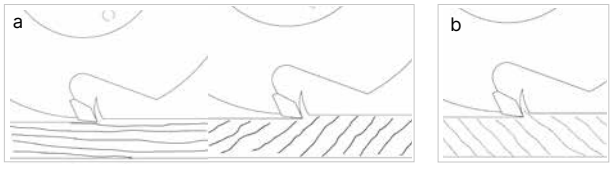
MACHINING

1. FEEDING TOWARDS ROTATION
(CONVENTIONAL MILLING)
The direction of material feed and rotation of tool is the opposite. This is the most common way for machining wood. The tool does not begin its cut directly upon contact (A) but slightly after(B). In this point the tool begins to cut a long chip that thickens until the cutting edge leaves the material(C). Feeding towards rotation allows longer running times by favorable angles and lower cutting force. Adverse fibre direction can effect cutting and result in chipping. Feeding towards rotation is the only course of action recommended for manual feed.

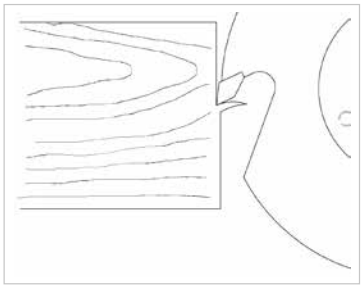
2. FEEDING WITH THE ROTATION(CLIMB MILLING)
(HIGHLY UNCOMMON FOR PLANING/MOULDING)
The direction of material feed and tool rotation is the same. The tool immediately begins to cut upon contact and in this point starts to cut a short chip that will get thinner until the cutting edge leaves the material. Feeding like this allows good surface finish and requires lower feeding force. When feeding with rotation, running times will be effected negatively due to unfavorable angles and lack of cleavage. LTT recommends this for mecanical feed only.

CUTTING DIRECTIONS

1. CUTTING ALONG THE FIBRES
Favorable cutting conditions which in most cases provide a good surface finish. Be advised that when cutting finger jointed materials the fibre direction can vary. Cleavage will then differ and can effect the surface finish.



2. END GRAIN CUTTING
The angle between the tool direction and the fibres is 90°. Tough machining that can result in a slightly rough finish. Cutting can be eased by applying axial angle to the cutting edge.



SURFACE FINISH

To maintain a high quality production it is of great importance that tools as well as machine is in good condition. By highly developed technology, competence and meticulous supervision at LTT, run out as well as profile accuracy is kept within the tightest tolerances. The surface finish when milling and sawing is determined mainly by feed per tooth, mm(mill marks), cutting diameter, amount of teeth, depth of mill marks. The ratio for these parameters is described in the following examples.

$$Sz = \frac{Vf * 1000}{N * Z} mm$$

Sz = Feed per tooth, mill marks (mm)
Vf = Feed (m/min)
N = Revolutions per minute (rpm)
Z = Amount of teeth

Depth of mill marks can be calculated as example below

$$t = \frac{Sz^2}{4 * D}$$

t = Depth of mill marks
D = Cutting diameter

Cutting speed(periferal velocity) is decided by the tool diameter and revolutions per minute, calculated as below.

$$Vc = \frac{D * \pi * N}{1000 * 60} m$$

D = Cutting diameter
N = Revolutions per minute
π = 3,14

When milling, shorter mill marks provide better surface finish.

Sz = 0,3-0,8mm eg furniture/carpentry
Sz = 0,8-2,5mm eg paneling
Sz = 2,5-5,0mm eg construction wood

For tools without hydro, earlier advised formula can only be calculated with Z1. To achieve a proper finish from all Z in a tool, hydro clamping is necessary.

JOINTING

When jointing a whetstone is run across the rotating tool, it is done to improve the run out. This method is mainly used on planer cutters but can also be applied for profiling. The repetition between the grinding machine and the planer can differ slightly, this will effect the run out negatively. Jointing will eliminate this deviation and provide a better surface finish. Another benefit from jointing is that it strengthens the edge of the knife, the disadvantage is that the knife looses some of its sharpness because the edge is rounded off.

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

STRAIGHT SHANK-TYPE CUTTERS

POWERFUL AND ECONOMIC SOLUTION

- Up-down design, clean cut both up and bottom.
- Resharpenable 2-3 times.
- Excellent stability.
- Up to 5 mm tip height, re-sharpenable serveral times.

DP MEC

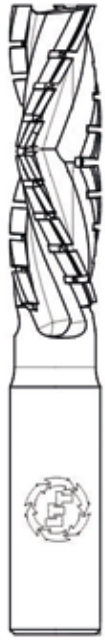
TECHNICAL DATA

STRAIGHT SHANK-TYPE CUTTER Z=1+1

Order-No	Shank D	Cutting d	Total width	Cutting width
TIYKE10	12	12	85	25
TIYKE20	16	16	85	25
TIYKE21	16	16	100	35
TIYKE30	25	18	96	35
TIYKE31	20	18	109	43
TIYKE40	25	20	86	25
TIYKE41	25	20	100	35

STRAIGHT SHANK-TYPE CUTTER Z=3+3

Order-No	Shank D	Cutting d	Total width	Cutting width
TIYKE103	12	12	85	25
TIYKE203	16	16	85	25
TIYKE213	16	16	100	35
TIYKE303	25	18	96	35
TIYKE313	20	18	109	43
TIYKE403	25	20	86	25
TIYKE413	25	20	100	35



IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

JOINT CUTTERS

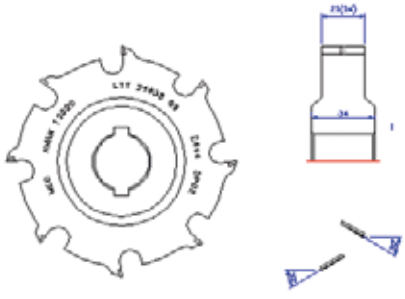
LTT JOINTING CUTTERS

- Up to 5 mm tip height, re-sharpenable serveral times.
- Excellent chip-free jointing.
- Optimized chip removal.
- Silent cut.
- Customazation upon request.

TECHNICAL DATA

STANDARD DIMENSIONS

Order-No	Diameter mm	Cutting whidth	Body width	Bore	Z
0	100	48	25	30	2+2
0	100	63	25	30	2+2
0	125	34	38	30	3+3
0	125	43	40	30	3+3
0	125	63	40	30	3+3



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LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PROFILED SHANK-TYPE CUTTERS

- The tools are designed based on the profiles and forms requested by the customer.
- Quick delivery.
- Up to 5 mm tip height, re-sharpenable serveral times.

TECHNICAL DATA

Order-No	Cutting diam	Z	Cutting width mm
TIY402002	42	2	20
TIY503002	53	2	33
TIY401002	38	2	843

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PROFILED CUTTERS

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- Quick delivery.
- Up to 5 mm tip height, re-sharpenable serveral times.

DP MEC

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

DIAMOND SAW BLADES

DP MEC

TECHNICAL DATA

DP CIRCULAR SAW BLADE

Order-No	D	Z	Length	Tip Height
TIP2404855	240	48	3,4	5,5
TIP2506055	250	60	3,2	5,5
TIP3006055	300	60	4,4	5,5
TIP3007255	300	72	3,2	5,5
TIP3505460	350	54	4,0	6
TIP3507255	350	72	4,0	5,5
TIP3507260	350	72	4,0	6
TIP4007245	400	72	4,5	4,5

DP CIRCULAR SCORING SAW BLADE

Order-No	D	Z	Length	Tip Height
TIP1272460	127	24	4/5	6
TIP1602055	160	20	4,4/5,2	5,5
TIP1603055	160	30	4,5/5,5	5,5
TIP3004845	300	48	4,4/4,5	4,5

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

HOGGERS

LONG EDGE LIFE, EXCELLENT CUTTING QUALITY

- For double hogging with edge trimming machines and det's.
- Clean cutting result.
- High hogging volume.
- For coated and raw particle board, recycling boards, etc.
- Hogging width and clamping according customer.

TECHNICAL DATA

EXAMPLE HOGGERS DP

Order-No	Diameter	Bore	Hogging Width	Z
TIM250301010	250	60	10	30/10
TIM250301018	250	60	18	30/10

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PROFILED SHANK-TYPE CUTTER

HSS | HW | MEC

PROFILE GROUPS 1

D	Leik.Lenght	Order No
20	10	CN02010M1
20	15	CN02015M1
20	20	CN02020M1
20	25	CN02025M1
20	30	CN02030M1
20	35	CN02035M1
20	40	CN02040M1
20	45	CN02045M1
20	50	CN02050M1

D	Leik.Lenght	Order No
50	10	CN05010M1
50	15	CN05015M1
50	20	CN05020M1
50	25	CN05025M1
50	30	CN05030M1
50	35	CN05035M1
50	40	CN05040M1
50	45	CN05045M1
50	50	CN05050M1

D	Leik.Lenght	Order No
100	10	CN010010M1
100	15	CN010015M1
100	20	CN010020M1
100	25	CN010025M1
100	30	CN010030M1
100	35	CN010035M1
100	40	CN010040M1
100	45	CN010045M1
100	50	CN010050M1

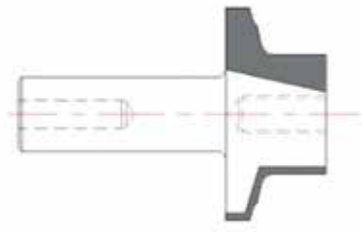
D	Leik.Lenght	Order No
30	10	CN03010M1
30	15	CN03015M1
30	20	CN03020M1
30	25	CN03025M1
30	30	CN03030M1
30	35	CN03035M1
30	40	CN03040M1
30	45	CN03045M1
30	50	CN03050M1

D	Leik.Lenght	Order No
60	10	CN06010M1
60	15	CN06015M1
60	20	CN06020M1
60	25	CN06025M1
60	30	CN06030M1
60	35	CN06035M1
60	40	CN06040M1
60	45	CN06045M1
60	50	CN06050M1

D	Leik.Lenght	Order No
120	10	CN012010M1
120	15	CN012015M1
120	20	CN012020M1
120	25	CN012025M1
120	30	CN012030M1
120	35	CN012035M1
120	40	CN012040M1
120	45	CN012045M1
120	50	CN012050M1

D	Leik.Lenght	Order No
40	10	CN04010M1
40	15	CN04015M1
40	20	CN04020M1
40	25	CN04025M1
40	30	CN04030M1
40	35	CN04035M1
40	40	CN04040M1
40	45	CN04045M1
40	50	CN04050M1

D	Leik.Lenght	Order No
80	10	CN08010M1
80	15	CN08015M1
80	20	CN08020M1
80	25	CN08025M1
80	30	CN08030M1
80	35	CN08035M1
80	40	CN08040M1
80	45	CN08045M1
80	50	CN08050M1



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LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PROFILED SHANK-TYPE CUTTER

HSS HW MEC

PROFILE GROUPS 2

D	Leik.Lenght	Order No
20	10	CN02010M2
20	15	CN02015M2
20	20	CN02020M2
20	25	CN02025M2
20	30	CN02030M2
20	35	CN02035M2
20	40	CN02040M2
20	45	CN02045M2
20	50	CN02050M2

D	Leik.Lenght	Order No
50	10	CN05010M2
50	15	CN05015M2
50	20	CN05020M2
50	25	CN05025M2
50	30	CN05030M2
50	35	CN05035M2
50	40	CN05040M2
50	45	CN05045M2
50	50	CN05050M2

D	Leik.Lenght	Order No
100	10	CN010010M2
100	15	CN010015M2
100	20	CN010020M2
100	25	CN010025M2
100	30	CN010030M2
100	35	CN010035M2
100	40	CN010040M2
100	45	CN010045M2
100	50	CN010050M2

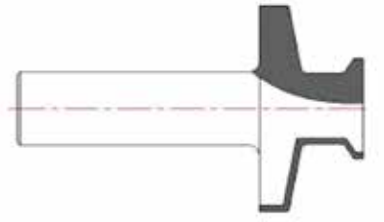
D	Leik.Lenght	Order No
30	10	CN03010M2
30	15	CN03015M2
30	20	CN03020M2
30	25	CN03025M2
30	30	CN03030M2
30	35	CN03035M2
30	40	CN03040M2
30	45	CN03045M2
30	50	CN03050M2

D	Leik.Lenght	Order No
60	10	CN06010M2
60	15	CN06015M2
60	20	CN06020M2
60	25	CN06025M2
60	30	CN06030M2
60	35	CN06035M2
60	40	CN06040M2
60	45	CN06045M2
60	50	CN06050M2

D	Leik.Lenght	Order No
120	10	CN012010M2
120	15	CN012015M2
120	20	CN012020M2
120	25	CN012025M2
120	30	CN012030M2
120	35	CN012035M2
120	40	CN012040M2
120	45	CN012045M2
120	50	CN012050M2

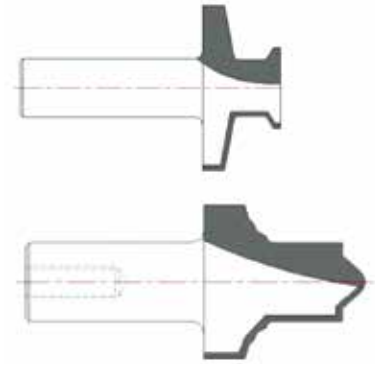
D	Leik.Lenght	Order No
40	10	CN04010M2
40	15	CN04015M2
40	20	CN04020M2
40	25	CN04025M2
40	30	CN04030M2
40	35	CN04035M2
40	40	CN04040M2
40	45	CN04045M2
40	50	CN04050M2

D	Leik.Lenght	Order No
80	10	CN08010M2
80	15	CN08015M2
80	20	CN08020M2
80	25	CN08025M2
80	30	CN08030M2
80	35	CN08035M2
80	40	CN08040M2
80	45	CN08045M2
80	50	CN08050M2



LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PROFILED SHANK-TYPE CUTTER



HSS HW MEC

PROFILE GROUPS 3

D	Leik.Lenght	Order No
20	10	CN02010M3
20	15	CN02015M3
20	20	CN02020M3
20	25	CN02025M3
20	30	CN02030M3
20	35	CN02035M3
20	40	CN02040M3
20	45	CN02045M3
20	50	CN02050M3

D	Leik.Lenght	Order No
50	10	CN05010M3
50	15	CN05015M3
50	20	CN05020M3
50	25	CN05025M3
50	30	CN05030M3
50	35	CN05035M3
50	40	CN05040M3
50	45	CN05045M3
50	50	CN05050M3

D	Leik.Lenght	Order No
100	10	CN010010M3
100	15	CN010015M3
100	20	CN010020M3
100	25	CN010025M3
100	30	CN010030M3
100	35	CN010035M3
100	40	CN010040M3
100	45	CN010045M3
100	50	CN010050M3

D	Leik.Lenght	Order No
30	10	CN03010M3
30	15	CN03015M3
30	20	CN03020M3
30	25	CN03025M3
30	30	CN03030M3
30	35	CN03035M3
30	40	CN03040M3
30	45	CN03045M3
30	50	CN03050M3

D	Leik.Lenght	Order No
60	10	CN06010M3
60	15	CN06015M3
60	20	CN06020M3
60	25	CN06025M3
60	30	CN06030M3
60	35	CN06035M3
60	40	CN06040M3
60	45	CN06045M3
60	50	CN06050M3

D	Leik.Lenght	Order No
120	10	CN012010M3
120	15	CN012015M3
120	20	CN012020M3
120	25	CN012025M3
120	30	CN012030M3
120	35	CN012035M3
120	40	CN012040M3
120	45	CN012045M3
120	50	CN012050M3

D	Leik.Lenght	Order No
40	10	CN04010M3
40	15	CN04015M3
40	20	CN04020M3
40	25	CN04025M3
40	30	CN04030M3
40	35	CN04035M3
40	40	CN04040M3
40	45	CN04045M3
40	50	CN04050M3

D	Leik.Lenght	Order No
80	10	CN08010M3
80	15	CN08015M3
80	20	CN08020M3
80	25	CN08025M3
80	30	CN08030M3
80	35	CN08035M3
80	40	CN08040M3
80	45	CN08045M3
80	50	CN08050M3

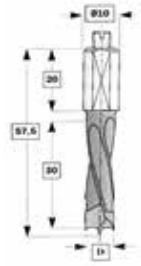
LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

DOWEL DRILL

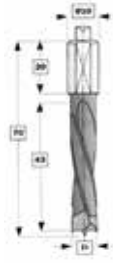
- From standard tools to loghouse.

HW | MEC

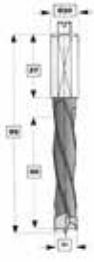
D	L2	L1	S	Z	Order No
4	30	57,5	10×20	2	PT0430575
5	30	57,5	10×20	2	PT0530575
6	30	57,5	10×20	2	PT0630575
7	30	57,5	10×20	2	PT0730575
8	30	57,5	10×20	2	PT0830575
9	30	57,5	10×20	2	PT0930575
10	30	57,5	10×20	2	PT01030575
11	30	57,5	10×20	2	PT01130575
12	30	57,5	10×20	2	PT01230575
14	30	57,5	10×20	2	PT01430575
15	30	57,5	10×20	2	PT01530575
16	30	57,5	10×20	2	PT01630575



D	L2	L1	S	Z	Order No
4	43	70	10×20	2	PT044370
5	43	70	10×20	2	PT054370
6	43	70	10×20	2	PT064370
7	43	70	10×20	2	PT074370
8	43	70	10×20	2	PT074370
9	43	70	10×20	2	PT084370
10	43	70	10×20	2	PT0104370
11	43	70	10×20	2	PT0114370
12	43	70	10×20	2	PT0124370
14	43	70	10×20	2	PT0144370
15	43	70	10×20	2	PT0154370
16	43	70	10×20	2	PT0164370



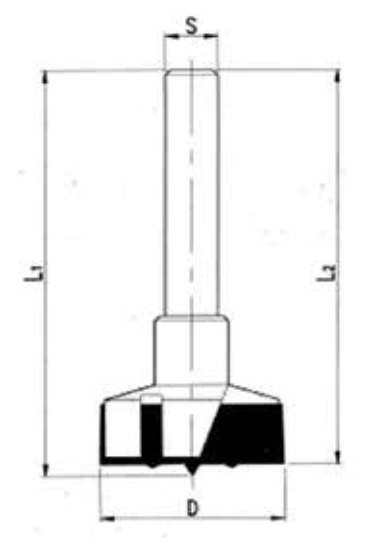
D	L2	L1	S	Z	Order No
5	50	85	10×30	2	PT055085
6	50	85	10×30	2	PT065085
8	50	85	10×30	2	PT085085
10	50	85	10×30	2	PT0105085
12	50	85	10×30	2	PT0125085



LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

CYLINDER BORING BITS

- From standard tools to loghouse.

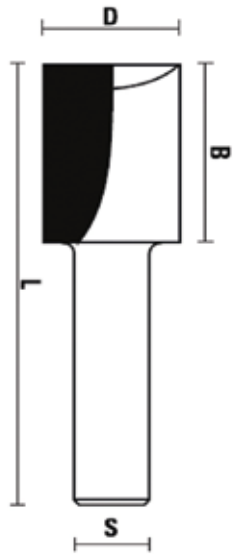


TECHNICAL DATA

D	L2	L1	S	Z	Order No
15	60	90	10×30	2+2	OP0156090
16	60	90	10×30	2+2	OP0169090
18	60	90	10×30	2+2	OP0186090
20	60	90	10×30	2+2	OP0206090
22	60	90	10×30	2+2	OP0226090
23	60	90	10×30	2+2	OP0236090
24	60	90	10×30	2+2	OP0246090
25	60	90	10×30	2+2	OP0256090
26	60	90	10×30	2+2	OP0266090
28	60	90	10×30	2+2	OP0286090
30	60	90	10×30	2+2	OP0306090
32	60	90	10×30	2+2	OP0326090
35	60	90	10×30	2+2	OP0356090
38	60	90	10×30	2+2	OP0386090
40	60	90	10×30	2+2	OP0406090
45	60	90	10×30	2+2	OP0456090
50	60	90	10×30	2+2	OP0506090

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

STRAIGHT SHANK TYPE CUTTER



- Customized dimensions upon request.

HW MEC

TECHNICAL DATA

D	L2	L1	S	Z	Order No
8	20	60	10×35	2	SJ082060
10	25	70	10×35	2	SJ0102570
12	25	70	10×35	2	SJ0122570
14	25	70	10×35	2	SJ0142570
16	25	70	10×35	2	SJ0162570
18	25	70	10×35	2	SJ0182570
20	25	70	10×35	2	SJ0202570
22	25	70	10×35	2	SJ0222570
25	25	70	10×35	2	SJ0252570
30	25	70	10×35	2	SJ0302570
10	40	90	12×45	2	SJ0104090
12	40	90	12×45	2	SJ0124090
14	40	90	12×45	2	SJ0144090
16	40	90	12×45	2	SJ0164090
18	40	90	12×45	2	SJ0184090
20	40	90	12×45	2	SJ0204090
22	40	90	12×45	2	SJ0224090
24	40	90	12×45	2	SJ0244090

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

UNIVERSAL PROFILE MILLING HEAD

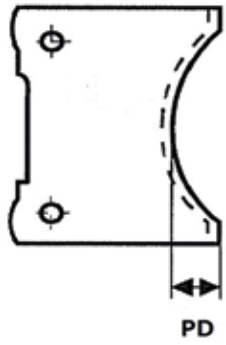
- Profile according to the customers needs.
- Quick delivery.

HW MEC

TECHNICAL DATA

Order-No	D	B	Z	Bore	Insert Knives	PD max
LTT01.001	124	40	2 / 3 / 4	30	40×28×1,5	12,0
LTT01.002	134	40	2 / 3 / 4	40	40×28×1,5	12,0
LTT01.003	144	40	2 / 3 / 4	50	40×28×1,5	12,0
LTT01.004	152	40	2 / 3 / 4	60	40×28×1,5	12,5

Order-No	D	B	Z	Bore	Insert Knives	PD max
LTT01.005	136	40	2 / 3 / 4	30	40×35×1,5	18,0
LTT01.006	134	40	2 / 3 / 4	40	40×35×1,5	18,0
LTT01.007	144	40	2 / 3 / 4	50	40×35×1,5	18,0
LTT01.008	152	40	2 / 3 / 4	60	40×35×1,5	18,5



n-mx.9000

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

SHANK CUTTER FOR CNC ROUTER

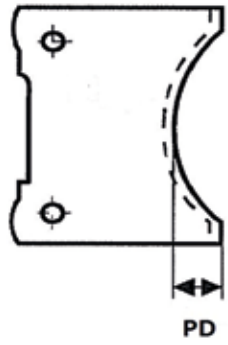
- Profile according to the customers needs.
- Quick delivery.

HW MEC

TECHNICAL DATA

Order-No	D	B	Z	Bore	Insert Knives	PD max
LTT01.001	124	40	2 / 3 / 4	30	40×28×1,5	12,0
LTT01.002	134	40	2 / 3 / 4	40	40×28×1,5	12,0
LTT01.003	144	40	2 / 3 / 4	50	40×28×1,5	12,0
LTT01.004	152	40	2 / 3 / 4	60	40×28×1,5	12,5

Order-No	D	B	Z	Bore	Insert Knives	PD max
LTT01.005	136	40	2 / 3 / 4	30	40×35×1,5	18,0
LTT01.006	134	40	2 / 3 / 4	40	40×35×1,5	18,0
LTT01.007	144	40	2 / 3 / 4	50	40×35×1,5	18,0
LTT01.008	152	40	2 / 3 / 4	60	40×35×1,5	18,5



n-mx.12000

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

SHANK CUTTERS WITH CHANGEABLE KNIVES

HW MEC

CUTTERS WITH CHANGEABLE KNIVES

HW MEC

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PROFILE KNIVES

- Profile according to the customers needs.
- Quick delivery.

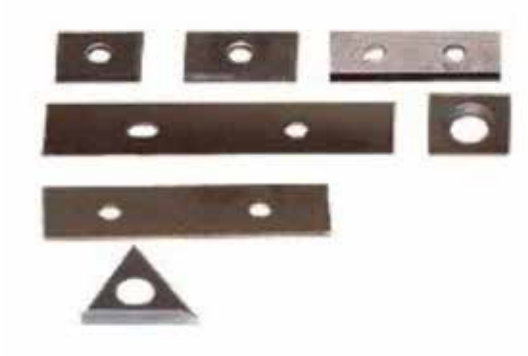
HW MEC

TECHNICAL DATA

Order-No	D	H	S
MP412820	41	28	2,0
MP413520	41	35	2,0
MP514520	51	45	2,0
MP614520	61	45	2,0
MP814520	81	45	2,0

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

REVERSIBLE KNIVES



- Standard knives, customized upon request.
- Quick delivery.

HW MEC

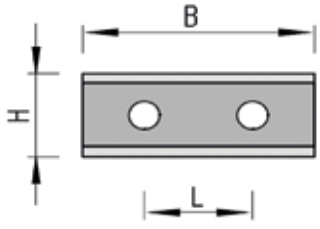
TECHNICAL DATA

TURNOVER KNIFE 35° T04F,
FOR MDF HDF

Order-No	D	H	S
VP0512	12	12	1,5
VP0515	15	12	1,5
VP0520	20	12	1,5
VP0525	25	12	1,5
VP0530	30	12	1,5
VP0540	40	12	1,5
VP0550	50	12	1,5
VP0560	60	12	1,5
VP05195	19,5	12	1,5
VP05295	29,5	12	1,5
VP05395	39,5	12	1,5
VP05495	49,5	12	1,5
VP05595	59,5	12	1,5
VP0514	14	14	2

TURNOVER KNIFE 35° T10MG,
FOR SOFT AND HARD WOOD

Order-No	D	H	S
VP0512	12	12	1,5
VP0515	15	12	1,5
VP0520	20	12	1,5
VP0525	25	12	1,5
VP0530	30	12	1,5
VP0540	40	12	1,5
VP0550	50	12	1,5
VP0560	60	12	1,5
VP05195	19,5	12	1,5
VP05295	29,5	12	1,5
VP05395	39,5	12	1,5
VP05495	49,5	12	1,5
VP05595	59,5	12	1,5
VP0514	14	14	2

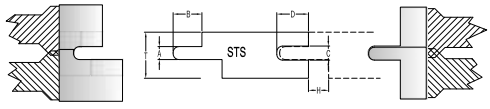


LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PANELLING CUTTER SET

- New safer tip-pocket design.
- Tongue and groove cutter set.
- New gullet design – longer running time.

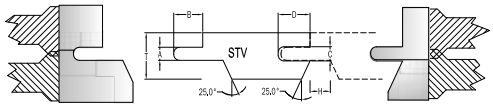
HSS | HW | HX | MEC



PANELLING CUTTER SET STS

D140 Z4	D160 Z4	D180 Z4	D180 Z6	D200 Z4	D200 Z6	D200 Z8
FC514004	FC516004	FC518004	FC518006	FC520004	FC520006	FC520008

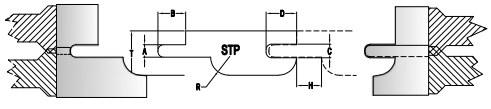
D220 Z4	D220 Z6	D220 Z8	D220 Z10	D220 Z12	D250 Z12	D250 Z16
FC522004	FC522006	FC522008	FC522010	FC522012	FC525012	FC525016



PANELLING CUTTER SET STV

D140 Z4	D160 Z4	D180 Z4	D180 Z6	D200 Z4	D200 Z6	D200 Z8
FD514004	FD516004	FD518004	FD518006	FD520004	FD520006	FD520008

D220 Z4	D220 Z6	D220 Z8	D220 Z10	D220 Z12	D250 Z12	D250 Z16
FD522004	FD522006	FD522008	FD522010	FD522012	FD525012	FD525016



PANELLING CUTTER SET STP

D140 Z4	D160 Z4	D180 Z4	D180 Z6	D200 Z4	D200 Z6	D200 Z8
FR514004	FR516004	FR518004	FR518006	FR520004	FR520006	FR520008

D220 Z4	D220 Z6	D220 Z8	D220 Z10	D220 Z12	D250 Z12	D250 Z16
FR522004	FR522006	FR522008	FR522010	FR522012	FR525012	FR525016

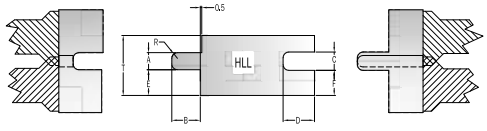
IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PANELLING & FLOORING CUTTER SET

- New safer tip-pocket design.
- Tongue and groove cutter set.
- New gullet design – longer running time.

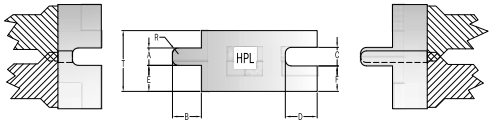
HSS | HW | HX | MEC



FLOOR PANELLING CUTTER SET HLL

D140 Z4	D160 Z4	D180 Z4	D180 Z6	D200 Z4	D200 Z6	D200 Z8
FE514004	FE516004	FE518004	FE518006	FE520004	FE520006	FE520008

D220 Z4	D220 Z6	D220 Z8	D220 Z10	D220 Z12	D250 Z12	D250 Z16
FE522004	FE522006	FE522008	FE5220010	FE5220012	FE5250012	FE5250016



FLOOR PANELLING CUTTER SET HPL

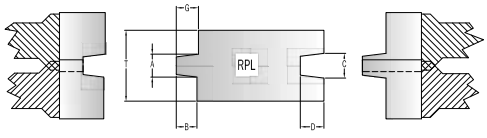
D140 Z4	D160 Z4	D180 Z4	D180 Z6	D200 Z4	D200 Z6	D200 Z8
FF514004	FF516004	FF518004	FF518006	FF520004	FF520006	FF520008

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PANELLING & FLOORING CUTTER SET

- New safer tip-pocket design.
- Tongue and groove cutter set.
- New gullet design – longer running time.

HSS | HW | HX | MEC



FLOOR PANELLING CUTTER SET RPL

D140 Z4	D160 Z4	D180 Z4	D180 Z6	D200 Z4	D200 Z6	D200 Z8
FJ514004	FJ516004	FJ518004	FJ518006	FJ520004	FJ520006	FJ520008

D220 Z4	D220 Z6	D220 Z8	D220 Z10	D220 Z12	D250 Z12	D250 Z16
FJ522004	FJ522006	FJ522008	FJ5220010	FJ5220012	FJ5250012	FJ5250016

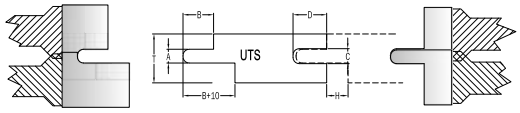
IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PANELLING CUTTER SET

- Tongue and groove cutter set.
- New safer tip-pocket design.
- New gullet design – longer running time.

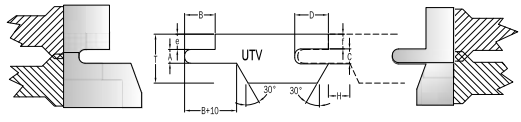
HSS | HW | HX | MEC



PANELLING CUTTER SET UTS

D140 Z4	D160 Z4	D180 Z4	D180 Z6	D200 Z4	D200 Z6	D200 Z8
FA514004	FA516004	FA518004	FA518006	FA520004	FA520006	FA520008

D220 Z4	D220 Z6	D220 Z8	D220 Z10	D220 Z12	D250 Z12	D250 Z16
FA522004	FA522006	FA522008	FA522010	FA522012	FA525012	FA525016



PANELLING CUTTER SET UTV

D140 Z4	D160 Z4	D180 Z4	D180 Z6	D200 Z4	D200 Z6	D200 Z8
FB514004	FB516004	FB518004	FB518006	FB520004	FB520006	FB520008

D220 Z4	D220 Z6	D220 Z8	D220 Z10	D220 Z12	D250 Z12	D250 Z16
FB522004	FB522006	FB522008	FB522010	FB522012	FB525012	FB525016

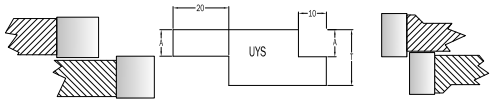
IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PANELLING CUTTER SET

- Tongue and groove cutter set.
- New safer tip-pocket design.
- New gullet design – longer running time.

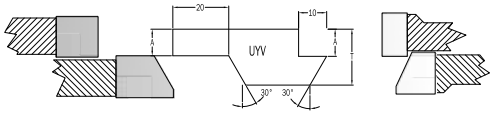
HSS | HW | HX | MEC



PANELLING CUTTER SET UYS

D140 Z4	D160 Z4	D180 Z4	D180 Z6	D200 Z4	D200 Z6	D200 Z8
FG514004	FG516004	FG518004	FG518006	FG520004	FG520006	FG520008

D220 Z4	D220 Z6	D220 Z8	D220 Z10	D220 Z12	D250 Z12	D250 Z16
FG522004	FG522006	FG522008	FG522010	FG522012	FG525012	FG525016



PANELLING CUTTER SET UYV

D140 Z4	D160 Z4	D180 Z4	D180 Z6	D200 Z4	D200 Z6	D200 Z8
FS514004	FS516004	FS518004	FS518006	FS520004	FS520006	FS520008

D220 Z4	D220 Z6	D220 Z8	D220 Z10	D220 Z12	D250 Z12	D250 Z16
FS522004	FS522006	FS522008	FS522010	FS522012	FS525012	FS525016

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

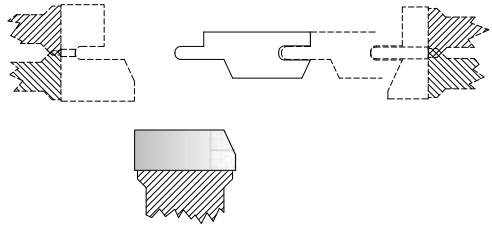
PANELLING PROFILE CUTTER

- Bevelling and rounding profile cutter.
- New gullet design – longer running time.

HSS | HW | MEC

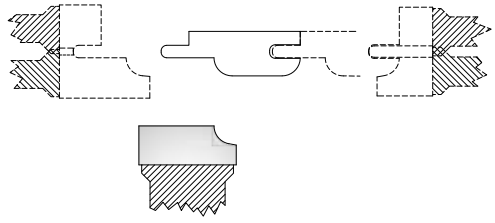
PANELLING CUTTER STV, UTV, UYV

D180-D200 Z6	D200-D220 Z8	D200-D220 Z10	D220-D250 Z12	D220-D250 Z16
FDN522006	FDN522008	FDN522010	FDN525012	FDN525016



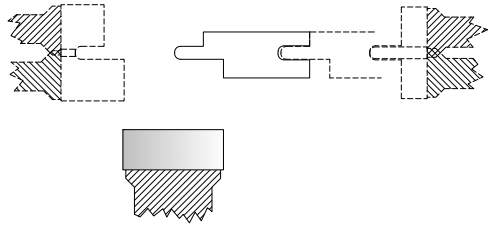
PANELLING CUTTER STP

D180-D200 Z6	D200-D220 Z8	D200-D220 Z10	D220-D250 Z12	D220-D250 Z16
FRN522006	FRN522008	FRN522010	FRN525012	FRN525016



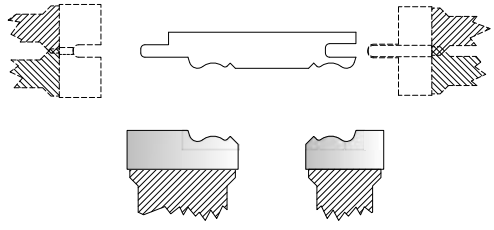
PANELLING CUTTER STS, UYS, UTS

D180-D200 Z6	D200-D220 Z8	D200-D220 Z10	D220-D250 Z12	D220-D250 Z16
FCN522006	FCN522008	FCN522010	FCN525012	FCN525016



PANELLING CUTTER STK

D180-D200 Z6	D200-D220 Z8	D200-D220 Z10	D220-D250 Z12	D220-D250 Z16
FBN522006	FBN522008	FBN522010	FBN525012	FBN525016



IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

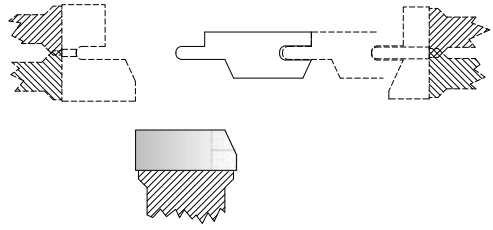
LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PANELLING PROFILE CUTTER HL

- Bevelling and rounding profile cutter.
- New gullet design – longer running time.

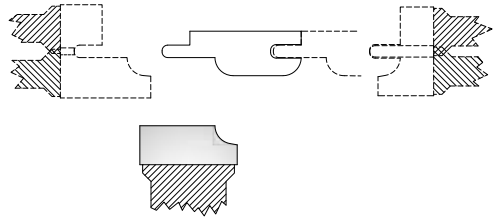
PANELLING CUTTER SET STV, UTV, UYV

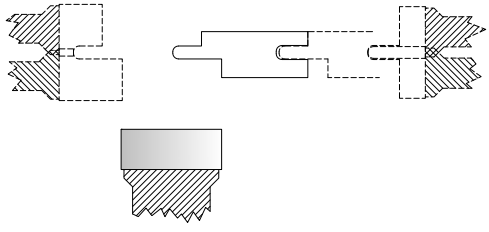
D180-D200 Z6	D200-D220 Z8	D200-D220 Z10	D220-D250 Z12	D230-D250 Z14	D230-D250 Z14
MAS522006	MAS522008	MAS522010	MAS525012	MAS525014	MAS525016



PANELLING CUTTER SET STP

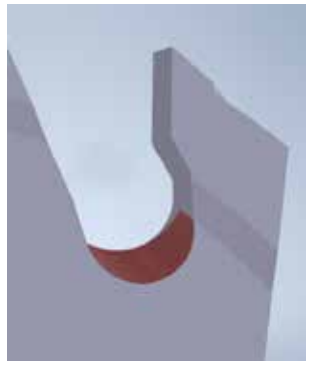
D180-D200 Z6	D200-D220 Z8	D200-D220 Z10	D220-D250 Z12	D230-D250 Z14	D230-D250 Z14
MAP522006	MAP522008	MAP522010	MAP525012	MAP525014	MAP525016





PANELLING CUTTER SET STS, UYS, UTS

D180-D200 Z6	D200-D220 Z8	D200-D220 Z10	D220-D250 Z12	D230-D250 Z14	D230-D250 Z14
MA522006	MA522008	MA522010	MA525012	MA525014	MA525016



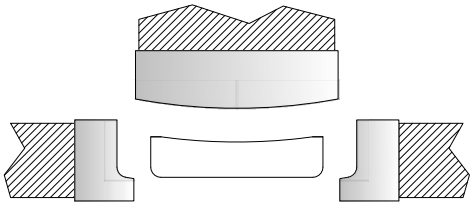
IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PROFILE CUTTER SET

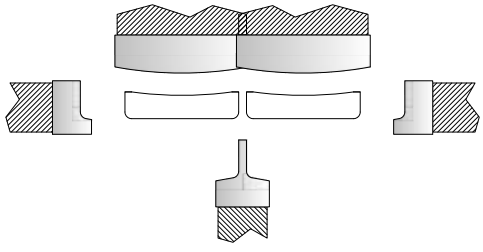
- Cutter for covering strips.

HSS HW HX MEC



SINGLE PROFILE CUTTER SET = 3 CUTTER HS

D140	D140	D160	D180	D180	D200	D200
Z 2	Z 4	Z 4	Z 4	Z 6	Z 6	Z 8
FM5A14002	FM5A14004	FM5A16004	FM5A18004	FM5A18006	FM5A20006	FM5A20008



MULTIPLE CUTTER SET = 5 CUTTER HS

D140	D140	D160	D180	D180	D200	D200
Z 2	Z 4	Z 4	Z 4	Z 6	Z 6	Z 8
FM5B14002	FM5B14004	FM5B16004	FM5B18004	FM5B18006	FM5B20006	FM5B20008

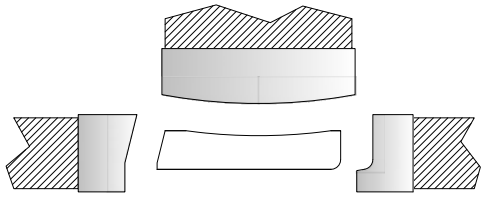
IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PROFILE CUTTER SET

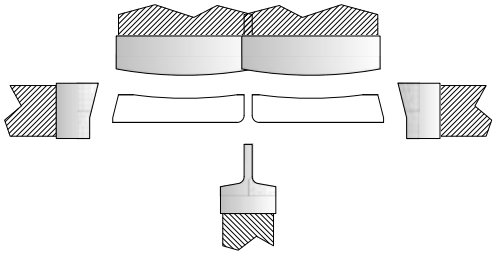
- Cutter for floor strips.

HSS HW MEC



SINGLE PROFILE CUTTER SET = 3 CUTTER HS

D140	D140	D160	D180	D180	D200	D200
Z 2	Z 4	Z 4	Z 4	Z 6	Z 6	Z 8
FN5A14002	FN5A14004	FN5A16004	FN5A18004	FN5A18006	FN5A20006	FN5A20008



MULTIPLE CUTTER SET = 5 CUTTER HS

D140	D140	D160	D180	D180	D200	D200
Z 2	Z 4	Z 4	Z 4	Z 6	Z 6	Z 8
FN5B14002	FN5B14004	FN5B16004	FN5B18004	FN5B18006	FN5B20006	FN5B20008

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PROFILE CUTTER SET

- Cutter for glass-securing strips.

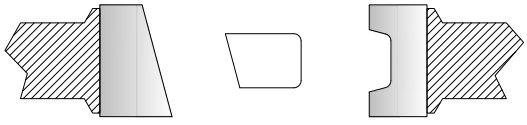
HSS HW HX MEC

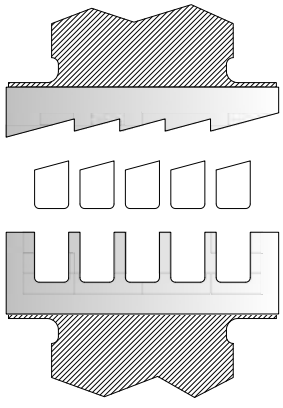
SINGLE PROFILE CUTTER SET = 2 CUTTER HS

D140	D140	D160	D180	D180	D200	D200
Z 2	Z 4	Z 4	Z 4	Z 6	Z 6	Z 8
FQ5A14002	FQ5A14004	FQ5A16004	FQ5A18004	FQ5A18006	FQ5A20006	FQ5A20008

MULTIPLE PROFILE CUTTER SET = 2 CUTTER HS

D140	D140	D160	D180	D180	D200	D200
Z 2	Z 4	Z 4	Z 4	Z 6	Z 6	Z 8
FQ5B14002	FQ5B14004	FQ5B16004	FQ5B18004	FQ5B18006	FQ5B20006	FQ5B20008





IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PROFILE CUTTER SET

- Cutter for window beading.

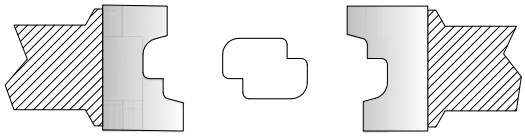
HSS | HW | MEC

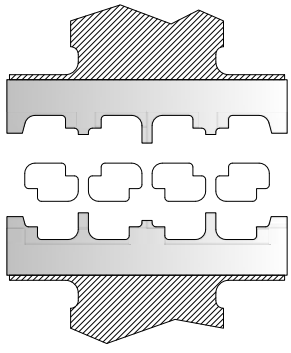
SINGLE PROFILE CUTTER SET = 2 CUTTER HS

D140	D140	D160	D180	D180	D200	D200
Z 2	Z 4	Z 4	Z 4	Z 6	Z 6	Z 8
FO5A14002	FO5A14004	FO5A16004	FO5A18004	FO5A18006	FO5A20006	FO5A20008

MULTIPLE PROFILE CUTTER SET = 2 CUTTER HS

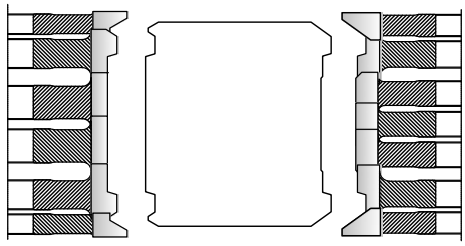
D140	D140	D160	D180	D180	D200	D200
Z 2	Z 4	Z 4	Z 4	Z 6	Z 6	Z 8
FO5B14002	FO5B14004	FO5B16004	FO5B18004	FO5B18006	FO5B20006	FO5B20008

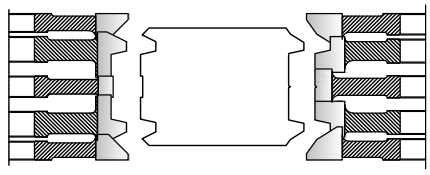




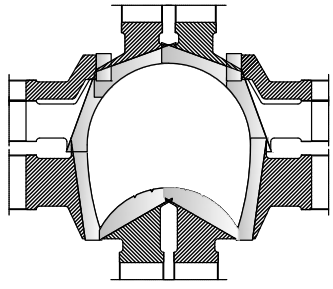
LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

PLANER CUTTER FOR ROUND & SQUARE LOG





Tool design according to machine specifications and customer demand.



LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

LOG SADDDLE CUTTER SET

HSS HW MEC

Tool design according to machine specifications and customer demand.

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

SPECIAL CUTTER FOR LOG CORNER JOINT

- Z=12 + 4 SPRUS

TECHNICAL DATA

Diameter	Length	Order No
130	200	HR513020016
150	200	HR515020016
170	220	HR517022016
190	250	HR519025016
210	280	HR521028016
230	280	HR523028016
250	280	HR525028016

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

SPECIAL DRILL FOR LOG

TECHNICAL DATA

D	Length	Order No
25	240	HH525240
30	270	HH530270
32	280	HH532280
40	300	HH540300

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

JOINT CUTTERS FOR INSULATION PANELS

- With brazed tips.

HW MEC

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

STRAIGHT CUTTERS FOR INSULATION PANELS

- With changeable knives.

HW MEC

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

HOGGER UNITS

- Brazed tool for customized applications.

LAHDEN TERÄTEOS
MOULDER & PCD TOOLS

SEGMENT HOGGER UNITS

- Spiral segments for customized applications.

KNIVES

HDS SAWMILL TOOLS

SAWMILL KNIVES

Sawmill knives that are excellent for all cutting systems in the sawmill industry. Our sawmill knives are manufactured using high-quality speciality tool steels. Carefully customised heat treatment during the manufacturing process optimise the knife's properties for the various applications.

ITEMS AVAILABLE IN:

BC BasicCut TC ThermoCut

L Left

BUTT END REDUCER

FOR BALJER & ZEMBROD / SPRINGER

BUTT END REDUCER
60 × 54 × 40 mm
2 bores,
both sides countersunk

BUTT END REDUCER
64.72 × 54 × 40 mm
2 bores,
both sides countersunk

TCT BUTT END REDUCER
60 × 46.95/40 × 40 mm
2 bores,
both sides countersunk

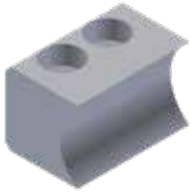
FOR BRUKS

BUTT END REDUCER
59.8 × 54 × 40 mm
1 bore,
both sides countersunk

BUTT END REDUCER
64.69 × 54 × 40 mm
1 bore,
both sides countersunk

TCT BUTT END REDUCER
59.8 × 46.95/40 × 40 mm
1 bore,
one side countersunk

FOR HOMBAK

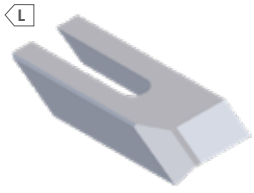


BUTT END REDUCER
62 × 40 × 40 mm
2 bores,
both sides countersunk

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

CHIPPER AND PROFILER KNIVES

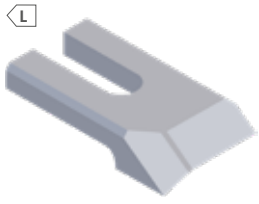
FOR COSTA RIGHI



KNIFE
97 × 38 × 18/10.5 mm
2 notch

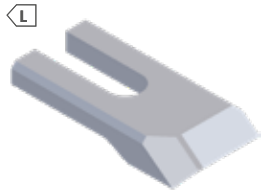
KNIFE
97 × 38 × 18/10.5 mm
1 notch

FOR EWD



KNIFE
75 × 35 × 12.25/8.0 mm
1 notch

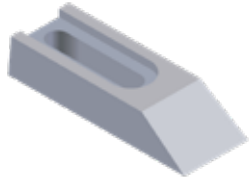
KNIFE
75 × 35 × 12.5/8.0 mm
1 notch



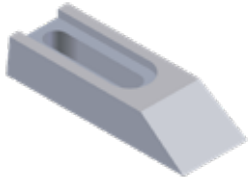
KNIFE
75 × 39 × 15.9/9.0 mm
1 notch
1 M5 thread in spine

SEMI-CIRCULAR KNIFE
120 × 80 × 15 mm
1 long groove

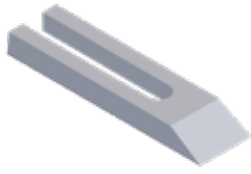
KNIFE
130 × 70 × 12 mm
1 notch



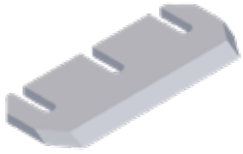
KNIFE
145 × 52 × 26 mm
1 long groove countershunk



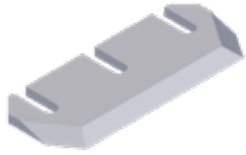
KNIFE
145 × 52 × 6 mm
1 long groove countershunk
2 M6 threads in spine



KNIFE
153 × 40 × 14.5 mm
1 notch
1 MG thread in spine



KNIFE
289 × 115 × 12 mm
3 notches,
2 MG threads in spine,
side bevel 48° / side slant 37°



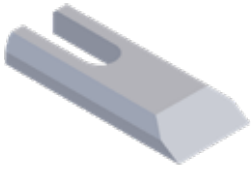
KNIFE
289 × 115 × 12 mm
3 notches,
2 M6t threds in spine,
side bevel 29° / side slant 34°

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

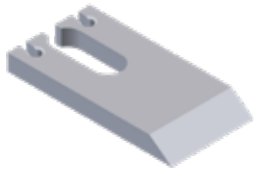
FOR LINCK

KNIFE
76 × 35 × 20 mm
1 x M6 thread in spine with
20 mm / 8° cant and 2 side slants

KNIFE
76 × 35 × 20 mm
1 M6 thread in spine with
a cant of 20 mm / 8°, straight sides



KNIFE
100 × 40 × 12 mm
1 notch
2 M6 thread in spine

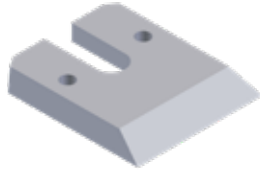


KNIFE
100 × 50 × 10 mm
1 open long groove
2 open bores,
both sides countersunk

KNIFE
105 × 41 × 8 mm
1 long groove
1 M5 thread in spine

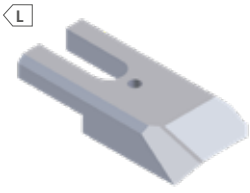
KNIFE
105 × 45/32.8 × 8 mm
2 side recesses,
1 long groove 1 M5 thread
in spine

KNIFE
105 × 68/55 × 8 mm
1 long groove
2 Gewinde M5 im Rücken

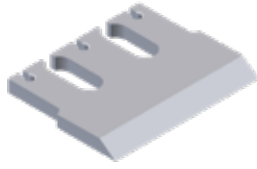


KNIFE
105 × 92 × 12 mm
1 notch
2 M6 threads in spine

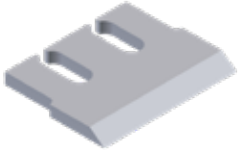
L



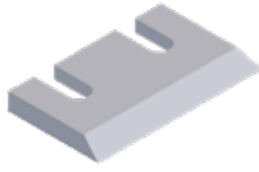
KNIFE
107 × 45 × 22.07/12 mm
1 notch
2 M6 threads in spine



KNIFE
120 × 95 × 10 mm
2 side recesses
2 open long grooves,
3 open bores,
both sides countersunk



KNIFE
120 × 95 × 10 mm
2 side recesses
2 open long grooves
2 M5 threads in spine

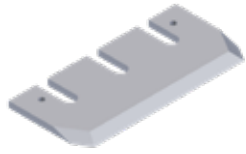


KNIFE
184 × 108 × 14 mm
2 notches
2 M6 threads in spine

KNIFE
216 × 152 × 12 mm
3 notches
2 M6 threads in spine

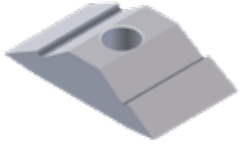
KNIFE
270 × 152 × 12 mm
3 notches, 2 M6 threads in spine,
side bevel 32˚ / side slant 31.26˚

KNIFE
270 × 152 × 12 mm
3 notches, 2 M6 threads in spine,
side bevel 41˚ / side slant 31.26˚

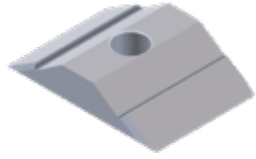


KNIFE
330 × 152 × 12 mm
3 notches
2 M6 threads in spine

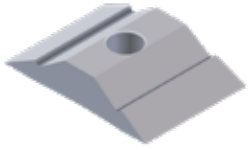
FOR LINDEX



KNIFE
62.4 × 35 × 13.7 mm
1 bore,
one side countersunk

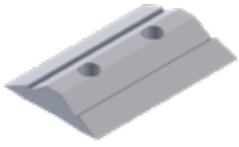


KNIFE
62.4 × 44.5 × 13.7 mm
1 bore,
one side countersunk

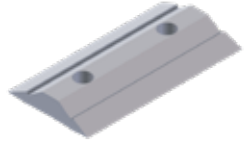


KNIFE
62.4 × 44.5 × 13.7 mm
1 bore,
one side countersunk
sides concave

KNIFE
62.4 × 47.3/34.5 × 13.7 mm
1 bore,
one side countersunk

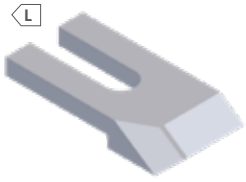


KNIFE
83.9 × 56 × 12.9 mm
2 bores,
one side countersunk



KNIFE
114.5 × 62.4 × 13.7 mm
2 bores,
one side countersunk

FOR SAB



KNIFE
80 × 38 × 13.6/8 mm
1 notch

KNIFE
80 × 42 × 15.2/9 mm
1 notch
1 M6 thread

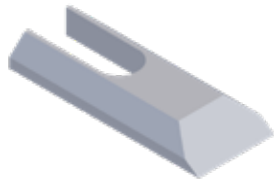
KNIFE
109 × 38 × 14/13 mm
1 long groove
1 M8 thread in spine

KNIFE
109 × 44/38 × 14/13 mm
2 side recesses, 1 long groove
1 M8 thread in spine

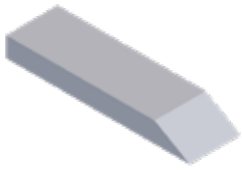
IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

FOR SÖDERHAMN

KNIFE
72 × 42 × 15.5/9.5 mm
1 notch
1 M6 thread in spine

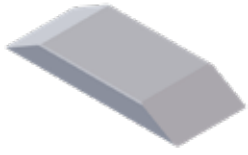


KNIFE
75 × 29.9 × 9.5 mm
1 notch
1 M6 thread in spine

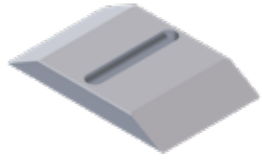


KNIFE
90 × 24.8 × 10 mm
1 M6 thread in spine

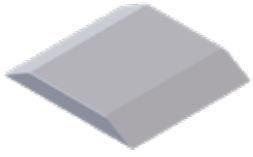
FOR USNR



KNIFE
26.7 × 65.8 × 8 mm
1 undersided groove



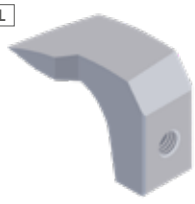
KNIFE
41.2 × 65.8 × 8 mm
1 groove



KNIFE
66.6 × 65.8 × 8 mm
1 undersided groove

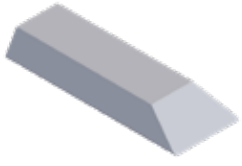
KNIFE
223.6 × 65.8 × 8 mm
2 bores

FOR VEISTO HEW SAW

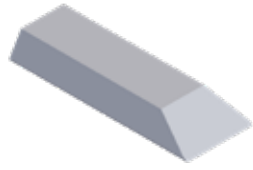


KNIFE
71.5 × 53 × 34/28 mm
1 M12 thread

KNIFE
71.5 × 53 × 34/28 mm
1 M12 thread with
groove in spine



KNIFE
82 × 25 × 10 mm
1 M6 thread in spine



KNIFE
82 × 30 × 10 mm
1 M6 thread in spine

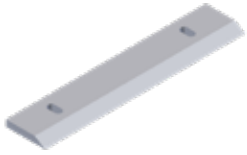
KNIFE
94.6 × 75/45 × 20/16 mm
1 M6 thread

KNIFE
100.8 × 76.11/45 × 20/16 mm
1 M6 thread

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

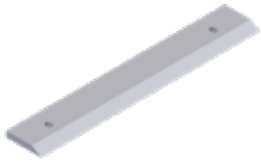
HOGGING AND COUNTER KNIVES

FOR KLÖCKNER (PARTLY HAAS)

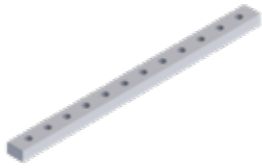


HOGGING KNIFE
430 × 85 × 14 mm
2 M8 threads in spine

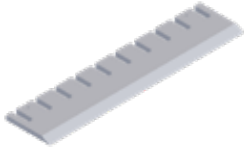
HOGGING KNIFE
530 × 85 × 14 mm
2 M8 threads in spine



HOGGING KNIFE
630 × 120 × 0 mm
2 M8 threads in spine

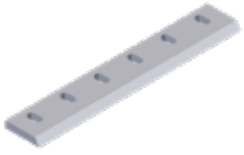


COUNTER KNIFE
930 × 60 × 40 mm
12 bores,
one side countersunk



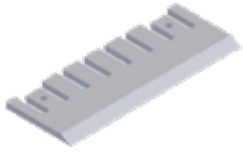
HOGGING KNIFE
930 × 210 × 20 mm
10 notches,
2 recesses, 2 M8 threads,
4 M8 threads in spine

FOR PALLMANN

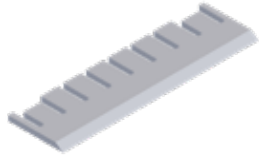


HOGGING KNIFE
600 × 100 × 20 mm
6 long grooves
5 M10 threads in spine

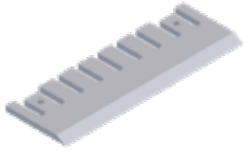
HOGGING KNIFE
665 × 295 × 25 mm
7 notches,
2 recesses in spine,
2 M12 threads in spine



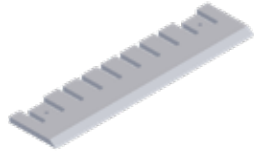
HOGGING KNIFE
765 × 295 × 25 mm
8 notches,
2 recesses in spine,
2 M12 threads in spine



HOGGING KNIFE
780 × 220 × 20 mm
9 notches,
2 recesses in spine,
2 M10 threads in spine

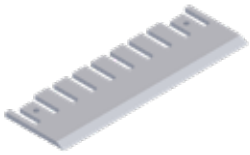


HOGGING KNIFE
870 × 295 × 25 mm
9 notches,
2 recesses in spine,
2 M10 threads in spine

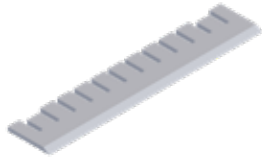


HOGGING KNIFE
930 × 220 × 20 mm
10 notches,
2 recesses in spine,
2 M10 threads in spine

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE



HOGGING KNIFE
930 × 295 × 25 mm
10 notches,
2 recesses in spine,
2 M12 threads in spine



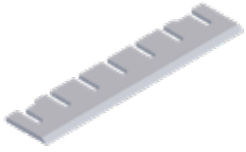
HOGGING KNIFE
1130 × 220 × 20 mm
12 notches,
2 recesses in spine,
2 M10 threads in spine

HOGGING KNIFE
1530 × 220 × 25 mm
3 bores,
one side countersunk,
3 M16 threads in spine

FOR RUDNICK & ENNERS

HOGGING KNIFE
220 × 220 × 20 mm
3 notches,
2 M10 threads in spine

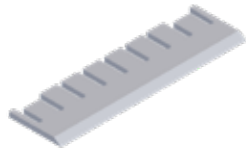
HOGGING KNIFE
530 × 130 × 12 mm
6 notches,
2 recesses in spine,
2 M8 threads in spine



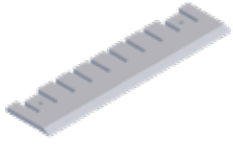
HOGGING KNIFE
630 × 130 × 12 mm
7 notches,
2 recesses in spine,
2 M8 threads in spine

HOGGING KNIFE
630 × 160 × 15 mm
7 notches,
2 recesses in spine,
2 M10 threads in spine

HOGGING KNIFE
780 × 160 × 15 mm
9 notches,
2 recesses in spine,
2 M10 threads in spine



HOGGING KNIFE
780 × 220 × 20 mm
9 notches,
2 recesses in spine,
2 M10 threads in spine



HOGGING KNIFE
930 × 220 × 20 mm
10 notches,
2 recesses in spine
2 M10 threads in spine

COUNTER KNIVES

1020 × 80 × 15 mm

1040 × 120 × 20 mm

1250 × 145 × 29 mm

1450 × 145 × 29 mm
15 long grooves

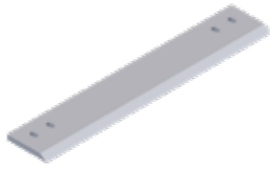
IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

FOR VECOPLAN

HOGGING KNIFE
580 × 90 × 14 mm
4 M8 threads in spine

HOGGING KNIFE
530 × 120 × 14 mm
4 M8 threads in spine

COUNTER KNIFE
585 × 25 × 5 mm



HOGGING KNIFE
630 × 120 × 14 mm
4 M8 threads in spine

COUNTER KNIFE
685 × 25 × 5 mm

HOGGING KNIFE
780 × 120 × 14 mm
2 M8 threads in spine

HOGGING KNIFE
780 × 160 × 20 mm
4 M12 threads in spine

COUNTER KNIFE
785 × 25 × 5 mm

FLAKER KNIVES

FOR CARMANAH/KADANT

FLAKER KNIFE
725 × 82.5 × 6.4 mm
4 long grooves

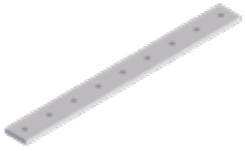
COUNTER KNIFE
725.49 × 63.5 × 7.95 mm
12 M6 threads

FLAKER KNIFE
823.91 × 82.55 × 6.38 mm
4 long grooves

FOR PALLMAN

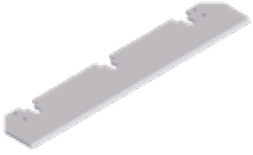
FLAKER KNIFE
449 × 90 × 3 mm
3 notches
4 M8 threads

FLAKER KNIFE
449 × 90 × 5 mm
3 notches
4 M8 threads



CLEAT
490 × 48 × 10 mm
9 M12 threads

FLAKER KNIFE
501 × 90 × 4 mm
3 notches
4 M6 threads



FLAKER KNIFE
501 × 90 × 5 mm
3 notches
4 M6 threads

FLAKER KNIFE
678 × 83 × 5 mm
1 side recess
8 M6 threads

FLAKER KNIFE
728 × 80 × 5 mm
1 side recess
6 M6 threads

FLAKER KNIFE
803 × 81.5 × 5 mm
1 side recess
8 M6 threads

FLAKER KNIFE
803 × 83 × 5 mm
1 side recess
8 M6 threads


HDS
Group

SYSTEM COMPONENTS

HDS SAWMILL TOOLS

SYSTEM COMPONENTS

System components that are extremely durable and steady with the highest international industry standard.

FOR CHIPPER CANTERS

SIDE L LEFT AND/OR R RIGHT

L

Smoothing knife carrier

300 × 151 × 53 mm
for knife holder, dual
(10017L/10018R)

L

Knife carrier adapter

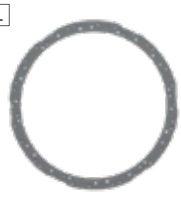
275 × 133 × 41 mm

L

Chip arrester

72 × 65 × 41 mm

L



Sizing ring carrier

804 × 15 × 695 mm
18 countersunk holes,
36 threaded holes
6 fit holes

L

Hogging and smoothing knife carrier

160 × 143 × 124 mm for
105 × 92 × 12 mm knife and knife holder,
single (10138L/10139R)

L

Hogging and smotthing knife carrier

160 × 141 × 122 mm for
105 × 92 × 12 mm knife and
100 × 40 × 12 mm

L

Hogging and smoothing knife carrier

160 × 169 × 122 mm for
105 × 92 × 12 mm knife and
100 × 40 × 12 mm

L

Knife holder

155 × 129 × 110 mm for
105 × 92 × 12 mm knife

L

Knife holder

155 × 160 × 125 mm for
105 × 92 × 12 mm knife

L

Knife holder

159 × 130 × 92 mm for
105 × 92 × 12 mm knife

IF YOU CAN´T FIND WHAT YOU´RE LOOKING FOR PLEASE CONTACT YOUR LOCAL OFFICE

SIDE L LEFT AND/OR R RIGHT

L

Knife holder

199 × 164 × 165 mm for
184 × 108 × 14 mm knife

L

Knife holder, dual

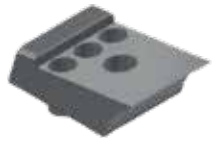
99 × 89 × 61 mm for
76 × 35 × 20 mm knife

L

Knife holder, single

64 × 56 × 48 mm for
76 × 35 × 20 mm knife

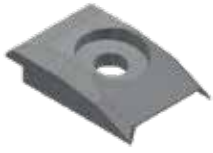
L



Knife holder, symmetrical

107 × 68 × 31 mm for knife
105 × 68/55 × 8 mm, only first stage with knife holder carrier (26354L/26355R)

L R



Pressure plate, symmetrical

107 × 68 × 28 mm for
105 × 68/55 × 8 mm knife

L

Chip arrester

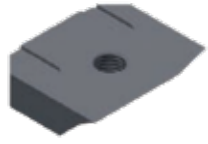
93 × 59 × 34/17 mm

L

Knife holder carrier

88 × 77 × 41 mm for first stage with knife holder, symmetrical (22604)

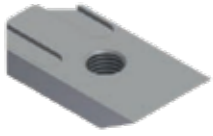
L



Pressure plate with hollow bevel

92 × 80 × 22 mm for
105 × 92 × 12 mm knife

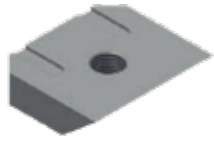
L



Pressure plate with side bevel

79 × 39 × 22 mm for
100 × 40 × 12 mm knife

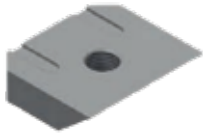
L



Pressure plate with side bevel

92 × 80 × 22 mm for
105 × 92 × 12 mm knife

L



Pressure plate, symmetrical

92 × 80 × 22 mm for
105 × 92 × 12 mm knife

L R

Pressure plate, symmetrical

184 × 84 × 20 mm for
184 × 108 × 14 mm knife

SIDE L LEFT AND/OR R RIGHT

L

Chip breaker

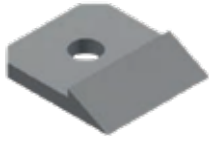
47 × 34 × 8/6 mm
1 bore 13.5 mm flat countersunk

L

Chip breaker

50 × 41 × 12/6 mm
1 bore 15 mm

L R



Chip breaker, symmetrical

79 × 69 × 14/9 mm
1 bore 18 mm

L

Chip deflector for sizing ring carrier

70 × 17/13 × 25/16 mm

L R

Chip deflector for sizing ring carrier

70 × 17/14 × 25/13 mm

L

Chip deflector for sizing ring carrier

71 × 17/14 × 25/16 mm

L

Buffer sheet, long

279 × 67 × 16 mm

L

Buffer sheet, short

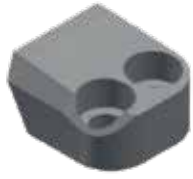
161 × 63 × 16 mm

L

Filler piece

60 × 11 × 24/14 mm
for knife holder, dual (10017L/10018R)

L



Buffer plate

40 × 35 × 17.8 mm

L

Knife holder part 1/2

72 × 37 × 36 mm for
82 × 25 × 10 mm knife

L

Knife holder part 2/2

61 × 36 × 22 mm for
82 × 25 × 10 mm knife

SIDE L LEFT AND/OR R RIGHT

L

Knife holder part 1/2

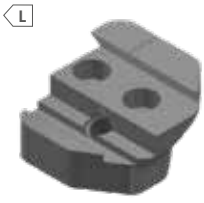
64 × 41 × 40 mm for
82 × 30 × 10 mm knife

L

Knife holder part 2/2

60 × 39 × 25 mm for
82 × 30 × 10 mm knife

L R



Knife holder part 1/2

66 × 63 × 40 mm for
82 × 30 × 10 mm knife

L

Knife holder part 2/2

63 × 28 × 22 mm for
82 × 30 × 10 mm knife

R O TOP RIGHT L U BOTTOM LEFT
AND/OR
R U BOTTOM RIGHT L O TOP LEFT

FOR PROFILER CUTTERS

L O

Segment carrier

178 × 54 × 18 mm

R U

L O

Segment carrier

382 × 382 × 25 mm, for knife holder, 3-stage, 10131 RU/LO, 10132 RO/LU or 21003 RU/LO, 21002 RO/LU

R U

L O

Segment / knife carrier

411 × 411 × 50 mm for
76 × 35 × 20 mm knife

R U

L O

Knife holder, 3-stage

137 × 125 × 81 mm for
76 × 35 × 20 mm knife for segment carrier 10129 RU/LO or 10130 RO/LU

R U

L O

Knife holder, 3-stage

137 × 125 × 81 mm for
76 × 35 × 20 mm knife, for segment carrier 10129 RU/LO or 10130 RO/LU

R U

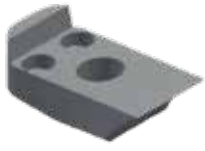
L O

Knife holder, 5-stage

183 × 175 × 78 mm for
76 × 35 × 20 mm knife

R U

L O



Knife holder with side bevel

89 × 41 × 27 mm for
105 × 41 × 8 mm knife

R U

L O

R O

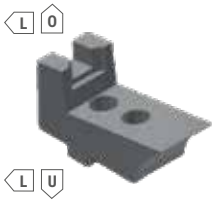
Pressure plate, symmetrical

97 × 41 × 30 mm for
105 × 41 × 8 mm knife

L U

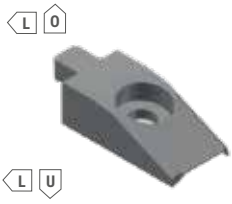
R U

R O TOP RIGHT L U BOTTOM LEFT AND/OR R U BOTTOM RIGHT L O TOP LEFT



Knife holder, symmetrical

106 × 43 51 mm for
105 × 45/32.8 × 8 mm knife



Pressure plate, symmetrical

109 × 43 × 28 mm for
105 × 45/32.8 × 8 mm knife

Knife holder

107 × 44/38 × 51 mm for
105 × 45/32.8 × 8 mm knife

Pressure plate

109 × 41 × 27 mm for
105 × 45/32.8 × 8 mm knife

Knife holder, symmetrical

107 × 43 × 35 mm for
105 × 45/32.8 X 8 MM knife

Pressure plate, symmetrical

108 × 43 × 28 mm for
105 × 45/32.8 × 8 mm knife

Knife holder

107 × 44/38 × 35 mm for
105 × 45/32.8 × 8 mm knife

Pressure plate

109 × 41 × 27 mm for
105 × 45/32.8 × 8 mm knife

Knife holder, symmetrical

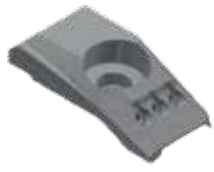
107 × 48 × 31 mm for
105 × 45/32.8 × 8 mm knife

Pressure plate, symmetrical

103 × 43 × 27 mm for
105 × 45/32.8 × 8 mm knife

Knife holder

106 × 44/38 × 31 mm for
105 × 45/32.8 × 8 mm knife



Pressure plate

109 × 41 × 28 mm for
105 × 45/32.8 × 8 mm knife

R O TOP RIGHT L U BOTTOM LEFT AND/OR R U BOTTOM RIGHT L O TOP LEFT

L O

Pressure plate, symmetrical

120/110 × 85 × 18/16 mm for
120 × 95 × 10 mm knife

R O

L U

R U

L O

Knife holder, first stage

59 × 43 × 42 mm for
62.4 × 47.3/34.5 × 13.7 mm knife

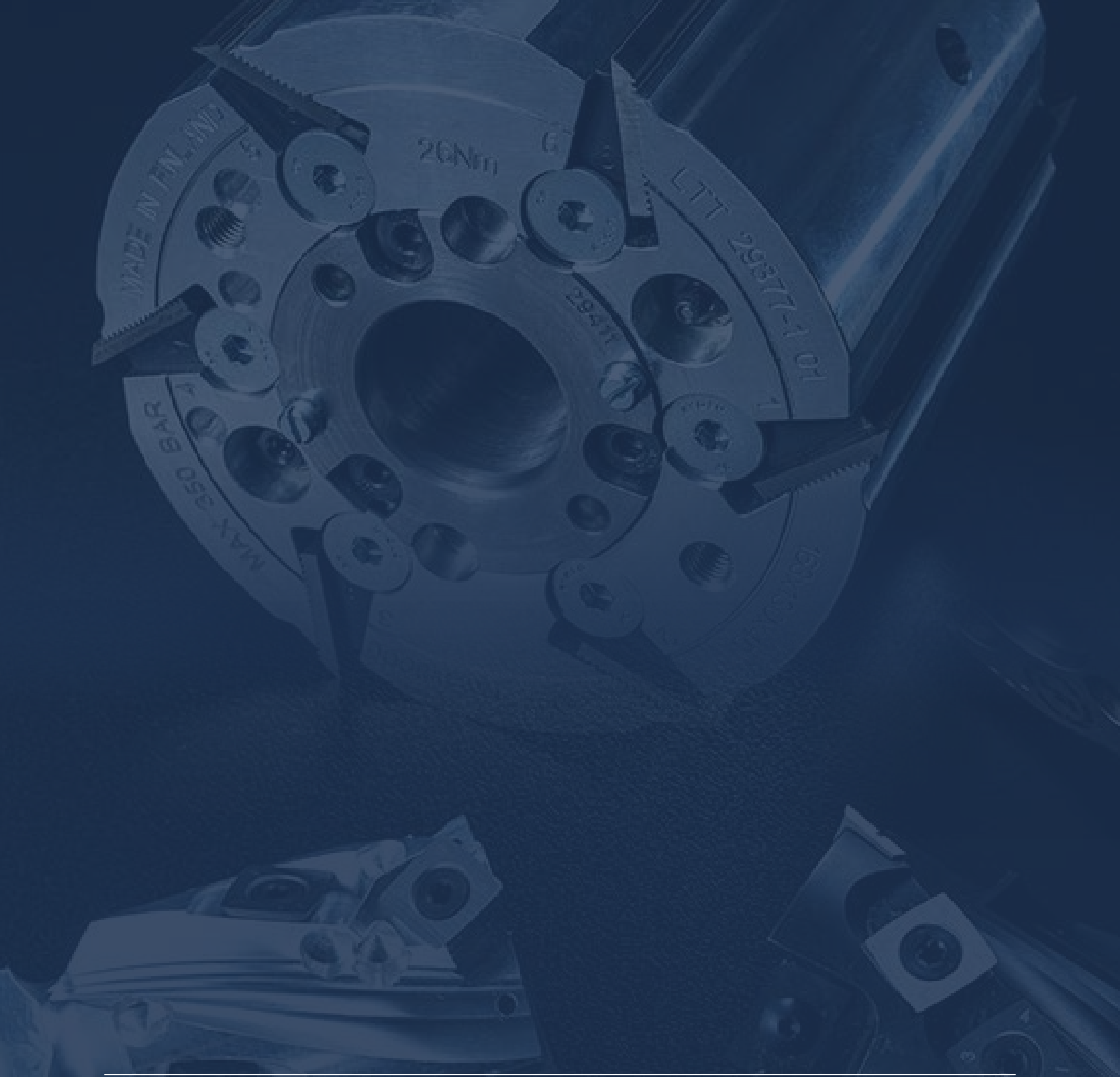
R U

L O

Knife holder, from second stage

59 × 39 × 42 mm with
T-sloted base plate for
62.4 × 44.5 × 13.7 mm knife

R U



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