



Adresse / Address

Datum / Date

Kontakt / Contact

08/2017

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Betreff / Subject

LEUCO thin-kerf saw blade technology sets standards for wood optimization and preservation of resources

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Inhalt / Content

The new generation of thin-kerf saw blades by LEUCO is mainly applied in those cases when the customer gives first priority to wood yield. E.g. for 3-layer board production, production of yard sticks and in parquet industry for the production of cover and middle layers.

Depending on the applied saw blade set the reduction of the cutting width by a few tenth already results in an additional lamella and thus increases the wood yield. Hence, nowadays up to 5 cover layers can be produced in a process-stable way from one inch thick wood friezes. The high-quality production of the thin-kerf saw blade prevents the saw blade from wobbling. Thus, even the top lamella can be used without extra time and effort for grinding.

Application

- | splitting machines with horizontal or vertical spindle
- | molders

Design

- | specially treated tool body with Oxytop coating
- | tooth configuration: flat „F“ for european hard woods (oak, beech, ...)
- | alternate top bevel „WS“ for exotic woods
- | cutting material: HW HL Board 06 plus

Benefit

- | high process stability and productivity thanks to low risk of sawing untrue
- | exact, true to size cuts ensure smallest offset and thus less rework
- | wood optimization and preservation of resources thanks to thin kerf
- | cost reduction thanks to less wood waste and less expenditure at the finish-sanding of the lamellas

Bildmaterial / Imagery



LEUCO Thin-Kerf Saw Blade Set for the division of wooden friezes up to 130 mm thickness



Thin-Kerf Saw Blade Set in a splitting machine



3-layer board divided with LEUCO thin-kerf saw blades



3-layer parquet: cover and middle layer divided with LEUCO thin-kerf saw blades

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Ø D	B	b	Ø d	Z	hook∠	NL	tooth geometry		Ident-No.
180	1,0	0,8	65	24	18	3/11/80	F	Schröder	80254254
180	1,0	0,8	65	30	20	3/11/80	WS	Schröder	80254256
220	1,2	0,9	60	27	18	3/10/74	F	Weinig	80252288
220	1,2	0,9	65	27	18	3/11/80	F	Schröder	80252289
220	1,2	0,9	60	30	20	3/10/74	WS	Weinig	80252290
220	1,2	0,9	65	30	20	3/11/80	WS	Schröder	80252291
220	3,8/3,5	3,0	60	30	18	3/10/74 + 3/11/80	F	Weinig, Schröder	80252292
[mm]	[mm]	[mm]	[mm]		[°]				

Saw Blade Adapter Weinig HSK	Ø D	Ø d	Ø d1	L2	L1	Class-No.	Ident-No.
	105	Weinig HSK	60	68	148	997300	182974 o

spare parts	dimensions	Class-No.	Ident-No.
Lock Nuts	105x15xM58x1,5	995290	182993 o

Spacer Rings	Ø D	Ø d	Ø d1	L2	L1	Class-No.	Ident-No.
	93	50	60	80	115	997300	182193 o

spare parts	Ø D	B	Ø d	Class-No.	Ident-No.
Spacer Rings	94	28	60	955520	182198 s
Spacer Rings	94	30	65	955520	182199 s
Cover flange top with handhold	130	16	60	997300	182194 s
Cover flange top with handhold	130	16	65	997300	182196 s
Cover flange bottom	130	14	60	997300	182195 s
Cover flange bottom	130	14	65	997300	182197 s
Spacers	130	4,2	60	955520	182200 s
Spacers	130	4,3	60	955520	182201 s
Spacers	130	4,4	60	955520	182202 s
Spacers	130	4,5	60	955520	182203 s
Spacers	130	4,6	60	955520	182204 s
Spacers	130	4,7	60	955520	182205 s
Spacers	130	4,8	60	955520	182206 s
Spacers	130	4,9	60	955520	182207 s
Spacers	130	5,0	60	955520	182208 s
Spacers	130	4,5	65	955520	182209 s
Spacers	130	4,6	65	955520	182210 s
Spacers	130	4,7	65	955520	182211 s
Spacers	130	4,8	65	955520	182212 s
Spacers	130	4,9	65	955520	182213 s
Spacers	130	5,0	65	955520	182214 s

LEUCO

no marking – immediately available

o – available on short notice

– new type in process

⊕ – modification and/or mounting of stock parts

s – production per drawing (custom made tool)

\$ – Superstandard