



Adresse / Address

Datum / Date

Kontakt / Contact

03/2015

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Betreff / Subject

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LEUCO LowNoise DIAREX Jointing Cutter - Large resharpener area and aerodynamic design

01/02

Inhalt / Content

The "LowNoise DIAREX Jointing Cutter" is a new solution for jointing on edge banding machines. For users with high-quality demands focussing on noise reduction, chip caption and economic efficiency (costs and edge lives). The cutting edges are embedded in the tool body aerodynamically, all unnecessary projecting edges were eliminated. The design is made by LEUCO and becomes possible thanks to the most recent production know-how.

Machine / Application

- | For use on jump milling units on edge banding machines
- | For jointing of solid wood boards and wood-based panels with focus on the reduction of imbalance and noise as well as chip caption.
- | Chipmeister design (CM) with opposing shear angle for chip-free cutting quality

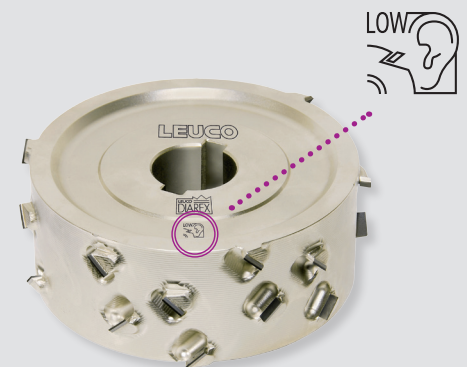
Design

- | Brazed DIAREX jointing cutter with flow-optimizing design
- | Rounded-off edges and studs
- | Inclined tooth back
- | Very large shear angle
- | CM gullet design
- | Possibility to resharpen several times, 3 mm resharpener area
- | Cutting edge design can be symmetrical and asymmetrical

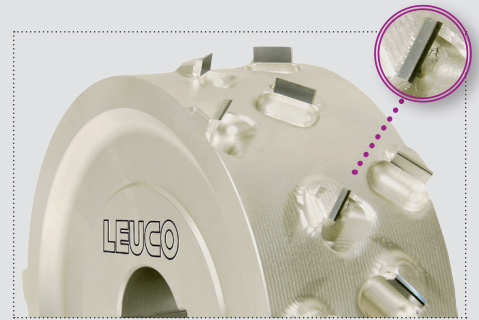
Advantages

- | Excellent cutting quality thanks to large shear angle
- | Simple handling

Bildmaterial / Imagery



The new brazed LowNoise DIAREX
FinishJointer



NEW by LEUCO: brazed DP jointing cutter with
3 mm resharpener area

LEUCO

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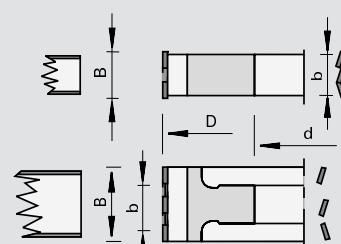
02/02

Inhalt / Content

Bildmaterial / Imagery

LEUCO LowNoise DIAREX Jointing Cutter Program

Ø D	B	b	Ø d	Z	DKN	nmax			Ident-No. [L]	Ident-No. [R]
70	48,3	41	30	3+3	8x3,3	24000	HOLZ-HER	asymmetrical	184641 s	184642 s
70	64,2	41	30	3+3	8x3,3	24000	HOLZ-HER	asymmetrical	184643 s	184644 s
100	48,3	40	30	3+3	8x3,3	18000	Brandt, IMA, Biesse, SCM	asymmetrical	184637	184638
100	64,2	40,6	30	3+3	8x3,3	18000	Brandt, IMA, Biesse, SCM	asymmetrical	184639 s	184640 s
125	32,4	36,8	30	3+3	8x3,3	15000	Homag	symmetrical	184632	184632
125	43	40	30	3+3	8x3,3	15000	Homag	symmetrical	184633	184633
125	43	40,6	30	3+3	8x3,3	15000	Homag, IMA Aggregat 08.378	asymmetrical	184955 s	184956 s
125	43	57	30	3+3	8x3,3	15000	IMA Aggregat 08.379	asymmetrical	184981 s	184982 s
125	48,3	57	30	3+3	8x3,3	15000	IMA	asymmetrical	184635	184636
125	63	40	30	3+3	8x3,3	15000	Homag	symmetrical	184634	184634
125	63	40	30	3+3	8x3,3	15000	Homag	asymmetrical	184897	184898
125	64,2	40,6	30	3+3	8x3,3	15000	IMA Aggregat 08.378	asymmetrical	184947	184948
125	64,2	57	30	3+3	8x3,3	15000	IMA Aggregat 08.379	asymmetrical	184953	184954
[mm]	[mm]	[mm]	[mm]		[mm]	[min-1]				



mounted on Hydro-Bushing Ident-No. 184310

Ø D	B	Ø d	Z	nmax			Ident-No. [L]	Ident-No. [R]
125	43	70/30	3+3	15000	IMA Aggregat 08.378 Hydro	asymmetrical	184969 s	184970 s
125	64,2	70/30	3+3	15000	IMA Aggregat 08.378 Hydro	asymmetrical	184971 s	184972 s
125	43	70/30	4+4	15000	IMA Aggregat 08.379 Hydro	asymmetrical	185119 s	185118 s
125	64,2	70/30	4+4	15000	IMA Aggregat 08.379 Hydro	asymmetrical	185121 s	185120 s
125	43	70/30	5+5	15000	Homag Performance SR	symmetrical	185169	185170
125	63	70/30	5+5	15000	Homag Performance SR	symmetrical	185171	185172
150	43	70/30	5+5	12000	Homag Power S2 Hydro	symmetrical	185165	185166
150	63	70/30	5+5	12000	Homag Power S2 Hydro	symmetrical	185167	185168
[mm]	[mm]	[mm]		[min-1]				

mounted on Mounting Arbor HSK 63F modified Ident-No. 184787

Ø D	B	Ø d	Z	nmax			Ident-No. [L]	Ident-No. [R]
150	43	HSK 63F	5+5	12000	Homag Power S2 HSK 63F	symmetrical	185173 s	185174 s
150	63	HSK 63F	5+5	12000	Homag Power S2 HSK 63F	symmetrical	185175 s	185176 s
[mm]	[mm]	[mm]		[min-1]				