



Adresse / Address

Datum / Date

Kontakt / Contact

03/2015

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Betreff / Subject

LowNoise DIAMAX Jointing Cutters – proven quality, aerodynamic design

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Inhalt / Content

The noise-reduced and proven 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).

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

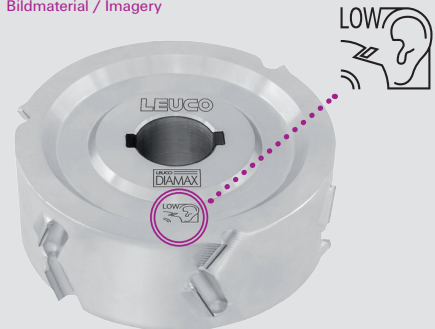
Design

- | brazed DIAMAX jointing cutter with flow-optimizing design
- | rounded-off edges and studs
- | inclined tooth back
- | shear angle 35° positioned in pairs
- | CM gullet design
- | possibility to resharpen several times
- | cutting edge design can be symmetrical and asymmetrical

Advantages

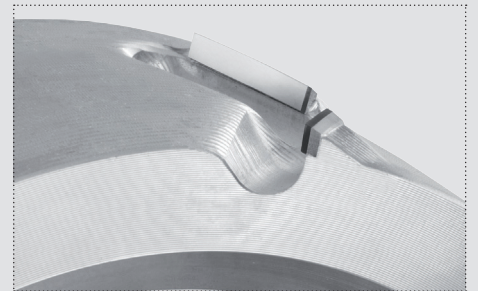
- | noise reduction of up to 3 dB (A) during operation and up to 5 dB (A) when idling
- | excellent cutting quality thanks to large shear angle
- | increased tool weight
- | simple handling

Bildmaterial / Imagery



The new brazed DIAMAX: Thanks to the reduction of up to 5 dB(A) when idling and up to 2 dB(A) during operation working conditions could be improved significantly.

The LEUCO jointing cutter is one of the most noise-reduced of this category in the whole tool industry.



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.

LEUCO

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LEUCO LowNoise DIAMAX Jointing Cutter Program

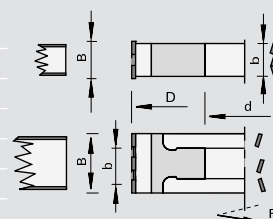
Ø D	B	b	Ø d	Z	DKN	nmax			Ident-No. [L]	Ident-No. [R]
60	64	62	25	2+2	8x3,3	31000	Felder/Format 4	asymmetrical	184651	184650
85	45	45	30	3+3	8x3,3	22000	Ott	asymmetrical	184647	184646
85	65	45	30	3+3	8x3,3	22000	Ott	asymmetrical	184649	184648
100	34	37,6	30	3+3	8x3,3	19000	IMA, Brandt	asymmetrical	184673	184672
100	45,5	61	30	2+2	8x3,3	19000	EBM / Hebrock	asymmetrical	184288	184287
100	48	25	25	2+2	8x3,3	19000	Brandt Ambition 1110 F (KDF 110), 1120 FC (KDF 120 C)	asymmetrical	185113	185112
100	48	25	30	2+2	8x3,3	19000	HOLZ-HER bis 2008, SCM-Stefani	asymmetrical	184283	184284
100	48	40,6	30	3+3	8x3,3	19000	IMA, Brandt, SCM, Biesse	asymmetrical	184210	184211
100	63	39,5	30	2+2	8x3,3	19000	HOLZ-HER	asymmetrical	184279	184280
100	63	40,6	30	3+3	8x3,3	19000	Brandt	asymmetrical	184212	184213
100	64	25	30	2+2	8x3,3	19000	HOLZ-HER bis 2008, SCM-Stefani, EBM	asymmetrical	184281	184282
100	64	40,6	30	3+3	8x3,3	19000	SCM-Stefani	asymmetrical	184285	184286
125	28	37,6	30	3+3	8x3,3	15000	Homag	symmetrical	184645	184645
125	36	40	30	3+3	8x3,3	15000	Homag	symmetrical	184752	184752
125	43	40	30	3+3	8x3,3	15000	Homag	symmetrical	184029	184029
125	43	40,6	30	3+3	8x3,3	15000	Homag, IMA Aggregat 08.378	asymmetrical	184943	184944
125	43	57	30	3+3	8x3,3	15000	IMA Aggregat 08.379	asymmetrical	184949	184950
125	63	40	30	3+3	8x3,3	15000	Homag	symmetrical	184030	184030
125	63	40,6	30	3+3	8x3,3	15000	IMA Aggregat 08.378	asymmetrical	184945	184946
125	63	57	30	3+3	8x3,3	15000	IMA Aggregat 08.379	asymmetrical	184951	184952
150	43	40	30	4+4	8x3,3	12000	Homag Referenz Fügen (WZ10/WZ14), Aggregat AF11/AW22/AW12	asymmetrical	185258 s	185257 s
150	63	40	30	4+4	8x3,3	12000	Homag Referenz Fügen (WZ10/WZ14), Aggregat AF11/AW22/AW12	asymmetrical	184763	184764

[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	184965 s	184966 s
125	43	70/30	3+3	15000	IMA Aggregat 08.379 Hydro	asymmetrical	185115 s	185114 s
125	63	70/30	3+3	15000	IMA Aggregat 08.378 Hydro	asymmetrical	184967 s	184968 s
125	63	70/30	3+3	15000	IMA Aggregat 08.379 Hydro	asymmetrical	185117 s	185116 s

[mm] [mm] [mm] [min-1]



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

LEUCO

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