



Adresse / Address

Datum / Date

Kontakt / Contact

August 2011

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Betreff / Subject

Quick and flexible planing – with the Powerlock Planing Cutterhead by LEUCO

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Inhalt / Content

LEUCO - long-standing cooperation partner in the Weinig Powerlock Club - offers monolithic planing cutterheads for the Weinig Powermat machine series. The planing cutterheads can be used for dressing as well as for the machining of smooth surfaces. Thanks to the use of standard Centrolock knives - whether HW or HS - both hard woods and soft woods can be machined perfectly. In addition, synergy effects with regard to existing Centrolock cutterhead systems are created. Thanks to the turnover knife system as well as the Powerlock HSK interface, machine downtimes are reduced considerably. This saves costs and improves productivity.

Machine / Application

- | Powermat machine series with HSK-interface
- | For dressing and planing in soft and hard woods as well as glued solid wood

Design

- | Monolithic planing cutterhead with HSK-interface
- | Use of Centrolock turnover knives
- | Cutting material grade: HS or HW (HL Solid 25) for soft or hard wood
- | Consistent cutting circles
- | $n_{max} = 12,000 \text{ U/min}$

Advantages

- | Thanks to high RPM, increased feed speeds with unchanged number of teeth and cutting quality can be realized
- | Thanks to the constant cutting circle diameter as well as the use of turnover knives, handling efforts can be considerably reduced
- | Depending on the wood type both HS and HW knives can be used

Bildmaterial / Imagery



Quick: The new Powerlock Planing Cutterhead by LEUCO with HSK interface for Weinig Powermat series.



Flexible: The Powerlock Planing Cutterhead is tipped with standard Centrolock turnover knives.

LEUCO

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Dimensions

D [mm]	B [mm]	Ø d [mm]	Z*	sense of rotation	Ident-No.
93	40	Weinig HSK	2	right or left	on request
93	60	Weinig HSK	2	right or left	on request
93	80	Weinig HSK	2	right or left	on request
93	100	Weinig HSK	2	right or left	on request
93	130	Weinig HSK	2	right or left	on request
93	150	Weinig HSK	2	right or left	on request
93	170	Weinig HSK	2	right or left	on request
93	190	Weinig HSK	2	right or left	on request
93	210	Weinig HSK	2	right or left	on request
93	240	Weinig HSK	2	right or left	on request
93	310	Weinig HSK	2	right or left	on request

*all listed planing cutterheads are also available with Z 4 design

Centrolock Knives HS / HW

B [mm]	H [mm]	S [mm]	Ident-No. HS	Ident-No. HW
20	16	3	181804 o	181593 o
60	16	3	181805 o	181594 o
80	16	3	181806 o	181595 o
100	16	3	181807 o	181596
130	16	3	181808	181597
150	16	3	181809 o	181598 o
170	16	3	181810	181599
180	16	3	181811 o	181600 o
190	16	3	181812 o	181601 o
210	16	3	181813 o	181602 o
230	16	3	181814 o	181603 o
240	16	3	181815	181604 o
260	16	3	181816 o	181605 o
270	16	3	181817 o	181606 o
310	16	3	181818 o	181607 o
460	16	3	181819 o	181608 o

