Adresse / Address

Datum / Date
07/2013

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Betreff / Subject

LEUCO high performance shank type cutters

Best cutting results at high feed rates

Inhalt / Content

LEUCO high performance shank type cutters do convince performance driven users. Best cutting results at high feed rates are the best basis for CNC routing at industrial and high level joinery production.

Machine / Application

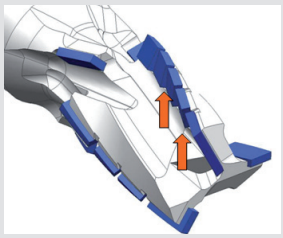
- CNC routers
- for jointing, rabbeting, grooving and copying of raw, melamine-, paper-, HPL-laminated, foiled and veneered panels

Design

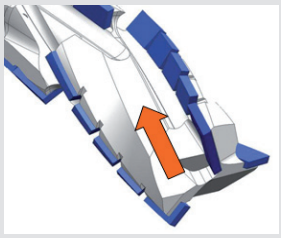
- with DP plunge tip for diagonal plunge-cutting
- LEUCO DIA tip height quality

Number of cutting edges - variants

- Z5: Arrow shaped tooth configuration, long edge life at constant high cutting results
- Z3 classic design: no adjustment available in thickness at changing material sizes, also for grooving and rabbeting
- Z3 ChipMaster CM: Optimized chip removal at splitting, jointing and grooving through positive spiral



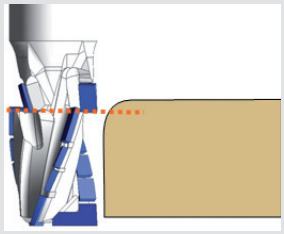
Old gullet design CM



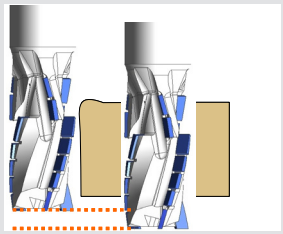
New gullet design CM

Advantages

- less vibrations thanks to the spiral cuts configuration



Old:
Profile in upcut zone at bigger profiles



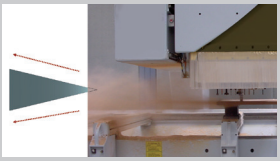
New:
Possibility for multiple edge life by readjusting

Bildmaterial / Imagery

LEUCO DP high performance shank type cutter: Z3 classic design



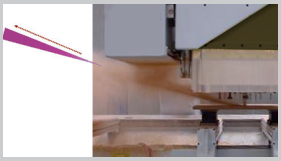
Chip flow Z3 Standard



Z3 ChipMaster



Chip flow Z3 ChipMaster: straightened chip flow to the exhaustion



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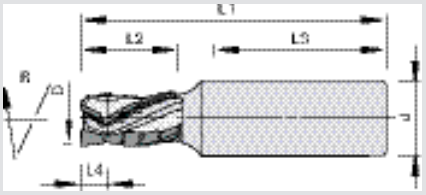
02/02

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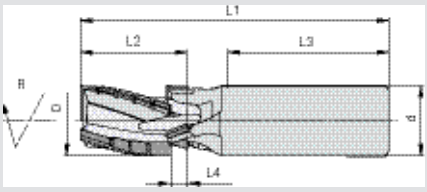
Dimensions

Ø D	L2	L4	Ø d	L3	L1	Z	Ident-No. [L]		Ident-No. [R]	
High-Performance Shank-Type Cutter DP Z=3+3										
18	28	6	25	55	95	3+3	183251		183252	
20	38	6	20	55	105	3+3	183253	s	183254	
25	28	6	25	55	95	3+3	183255		183256	
25	38	6	25	55	105	3+3	183257		183258	
25	48	6	25	55	115	3+3	183259		183260	
High-Performance Shank-Type Cutter ChipMaster DP Z=3+3										
20	22	6	25	55	90	3+3	183261	s	183262	
20	28	6	25	55	95	3+3	183263	s	183264	
25	28	8	25	55	95	3+3	183401	s	183400	
20	28	6	20	55	95	3+3	183403	s	183402	
20	38	6	20	55	105	3+3	183265	s	183266	
25	38	8	25	55	105	3+3	183267		183268	
25	52	15	25	55	120	3+3	183269		183270	
25	65	15	25	55	133	3+3	183271	s	183272	s
High-Performance Shank-Type Cutter DP Z=5+5										
20	30		25	55	95	5+5			183172	s
20	35		25	55	100	5+5			183173	s

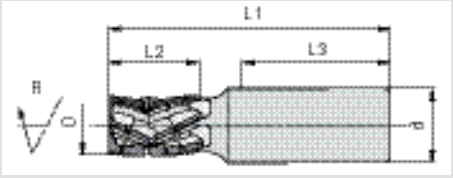
Bildmaterial / Imagery



High-Performance Shank-Type Cutter DP Z=3+3*



High-Performance Shank-Type Cutter CM DP Z=3+3*



High-Performance Shank-Type Cutter DP Z=5+5

*Dimension „L4“:
possibility to adjust height
Full Z3 in top an bottom layer zone of panels

no marking — immediately available
& — modification and/or mounting of stock parts
o — available on short notice
s — production per drawing(custom made tool)
— new type in process
$ — Superstandard