

LEUCO t3-System shank-type cutters New dimensions for the machining of solid wood

The LEUCO turnover knife cutter with the correct pulling cut, for excellent quality when joining, rabbeting and free form milling solid woods and wood-based materials on CNC machines as well as joinery machinery.



Your benefits

- | Very high milling performance
- | Absolutely chip-free jointing and rabbeting
- | Spiral plunge-cutting for free form milling is possible
- | Rounded triangular turnover knife:
 - Excellent edge and surface quality without any offset on the machined surface
 - 3 edge lifes

t3-System standard cutter

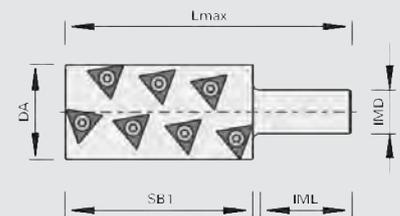
DA	SB1	IMD	IML	Lmax	Z	NI	Ident-No.
54	78	20	52	133,5	2+2	14	187268
54	63	25	52	120	2+2	12	187299
54	78	25	52	133,5	2+2	14	187300
54	106,5	25	52	162,5	2+2	18	187113
[mm]	[mm]	[mm]	[mm]	[mm]		[pcs.]	

Scope of delivery incl. HL Solid 20 turnover knives (Ident-No. 187251)

t3-System grooving cutter

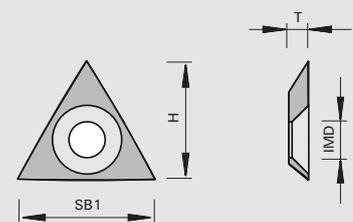
DA	SB1	IMD	IML	Lmax	Z	NI	Ident-No.
54	35	25	61	100	2+2	8	187269s
61	35	25	61	100	2+2	8	187369
[mm]	[mm]	[mm]	[mm]	[mm]		[pcs.]	

No marking — immediately available, s — production per drawing (custom made tool)



t3-System spare knives selection

Turnover knives	Application	SB1	H	T	Ident-No.
HL Solid 20	Hard & soft woods	20,88	18,3	3,0	187251
HL Solid 20 Vorschneider	For planing without tracks	20,38	17,99	3,0	9209773
HL Board 06	Hard wood & wood-based materials	20,88	18,3	3,0	187692
TopCoat 102	3 times longer edge lives	20,88	18,3	3,0	187694
		[mm]	[mm]	[mm]	



LEUCO t3-System cutters with triangular turnover knives Versatile in application

The newest member of the LEUCO cutterhead program, the „t3-System cutter“ enables joining, rabbeting and sizing of solid wood and wood-based materials even when space is limited. The cutters produce shoulder- and chip-free surfaces coupled with a simultaneously high cutting performance.



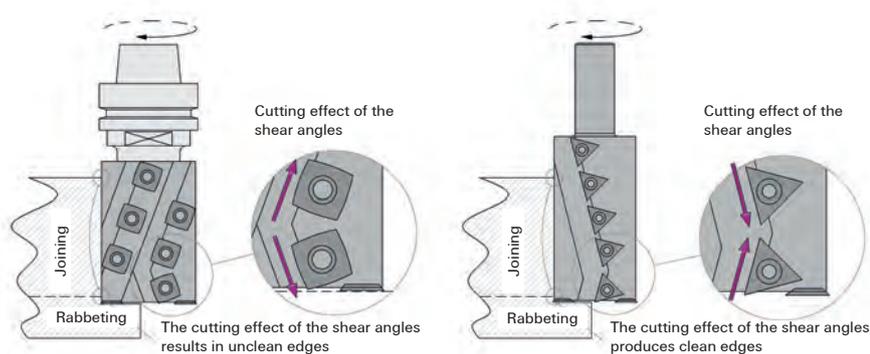
For use in door and furniture manufacturing this means less rework, which is an advantage when producing door rabbets, for instance. Spiral plunge-cutting also allows production of small cutouts, e.g. tenon and special joints in woodworking. With its compact, slim design, the tool is ideal for cutting of free forms such as round curves or string wreaths in stair construction.



Application examples: the t3-System cutter creates chip-free jointing and hemming surfaces.

The cutter is optimally suited for freeform surfaces, as spiral and inclined cutting is possible.

LEUCO patent pending for cutting edge arrangement



When using the system with square turnover knives the arrangement of the shear angles is only possible as shown, as the cutting edge of the knife has to coincide with the spur. The shear angles pull in the wrong direction.

With the LEUCO t3-System, the triangular turnover knives allow the shear angles to be positioned as shown so that the shear angles pull upward and downward. **The shear angles pull in the right direction.**

Simple knife change



With an Allen key, all 18 knives can be removed, cleaned and replaced in 10 to 15 minutes.