



Adresse / Address

Datum / Date

Kontakt / Contact

May 2009

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The LEUCO DIAMAX shank type cutters

01/02

The new DIAMAX - cutting with diamond for everybody

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20 years ago the classic has been implemented by LEUCO in the market successfully. Now he is presenting himself with an entirely new version.

The new DIAMAX combines old strengths with new designing and manufacturing methods.

The result: A product which is worth to be named the „new DIAMAX“ and consequently continues the line.

Application

| CNC routers

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

Design

| with HW plunge Tip for diagonal plunge-cutting

| several resharpenings possible

| body with spiral design and gullets, edges rounded, with high rigidity

| optimized cutting quality thanks to shear angles, alternating top and bottom

Bildmaterial / Imagery



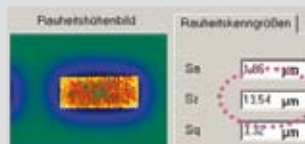
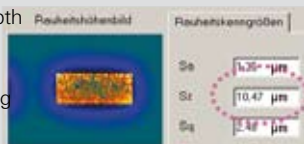
The new LEUCO DIAMAX

Advantages

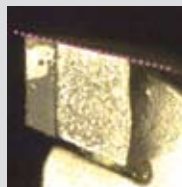
New DIAMAX

No name shank type cutter

Surface: roughness depth approx. 30% lower as usual; therefore long edgelife and high cutting quality



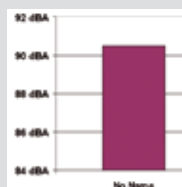
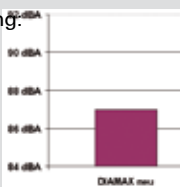
With 2nd clearance angle: stable cutting edge with long edgelife, finish quality diamond tips



Rigidity: approx. 30% higher rigidity of tool body, i.e. no vibrations, noise reduction, reduced risk of tool breakage



Noise during processing: less noise measured, better subjective feeling of noise;



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Dimensions

Ø D	L2	Ø d	L3	L1	Z	Ident-No. [L]	Ident-No. [R]
DIAMAX shank type cutter Z=1+1							
12	22	12	40	69	1+1		183444
12	28	12	40	75	1+1	183443	183442
12	28	20	55	95	1+1	183441	183440
12	28	25	55	95	1+1	183439	183438
16	22	16	45	78	1+1		183437
16	28	16	45	83	1+1		183435
16	35	16	45	90	1+1	183433	183432
16	22	25	55	90	1+1		183436
16	28	25	55	95	1+1		183434
18	28	16	45	85	1+1		183431
18	35	16	45	92	1+1	183427	183428
18	43	16	45	100	1+1	183423	183422
18	35	20	55	102	1+1		183426
18	43	20	50	110	1+1	183421	183420
18	28	25	55	95	1+1	183429	183430
18	35	25	55	102	1+1	183425	183424
18	43	25	55	110	1+1	183419	183418
20	52	25	55	120	1+1	183417	183416
1/2	1	1/2	1 3/8	2 2/3	1+1		183445

DIAMAX high performance-shank type cutter Z=2+2

20	28	20	55	95	2+2	183411	183410
20	38	20	55	105	2+2	183413	183412
20	48	20	55	115	2+2	183415	183414
20	28	25	55	95	2+2	183405	183404
20	38	25	55	105	2+2	183407	183406
20	48	25	55	115	2+2	183409	183408

