

Synonym for excellent cuts

BOMBASTIC Programme

2015

CIRCULAR SAW BLADES FOR PLASTIC MATERIALS

FEATURES

APPLICATION:	Finish cut in homogenous material. Recommendation: use emulsion as a coolant.
MATERIAL:	(Thermoplastics) -> PC, PMMA
MACHINE:	Panel sizing machine
DESIGN:	Type A: Thermoplastics, thin-walled, low tensile strength of max. 50-60 N/mm ² Type C: Thermoplastics, for stacks of material, tensile strength > 50 N/mm ²
TOOTH:	Type A: ATB (WS) chamfered, HW Type C: Triple-chip/triple-chip (TT), HW
FEED:	MEC

CHALLENGES FOR THE TOOL

- plastic material is extremely sensitive to heat and therefore tends to cement
- the individual plastic boards are usually very thin
- the material is extremely difficult to cut and very abrasive
- finish-cut quality

QUALITY CRITERIA

Finish Cut

- hardly any re-machining necessary

Cutting edge without thermal stress

- heat must be dissipated via the chip
- no bonding

No splintering on edges

- no splintering at the tool exit
- saw blade design
- machine equipment important for good results

Saws with minimum quantity lubrication

- better cutting quality

	D mm	B mm	b mm	d mm	NL mm	Machine	Type	Z	DT	Order No.
	300	2,90	2,20	30	NLK		A	96WS	○	002030016
	303	3,20	2,20	30	NLK		A	60WS	*	002030331
	303	3,20	2,20	30	NLK		C	60TT	*	002030333
	350	4,40	3,20	30	NLK		A	72WS	*	002035031
	350	4,40	3,20	30	NLK		C	72TT	*	002035033
	380	4,40	3,20	60	2/14/100		C	72TT	*	002038014
NEW	380	4,40	3,20	65	2/9/110	Selco	C	72TT	○	002038065
NEW	380	4,40	3,20	65	2/9/110	Selco	C	84TT	○	002038066
	380	4,80	3,50	60	2/14/100 2/14/125	Holzma	A	84WS	○	002038031
	380	4,80	3,50	60	2/14/100 2/14/125	Holzma	C	84TT	*	002038033
	400	4,80	3,50	30			C	72TT	*	002040033
NEW	430	4,40	3,20	65	2/9/110	Selco	C	72TT	○	002043065
NEW	430	4,40	3,20	75	4/15/105	Giben	C	72TT	○	002043075
	450	4,80	3,50	60	2/14/125 2/19/120	Holzma	A	72WS	*	002045061
	450	4,80	3,50	60	2/14/125 2/19/120	Holzma	C	72TT	*	002045063
	460	5,00	3,60	30			C	72TT	*	002046033
	480	4,80	3,50	60	2/19/120		A	72WS	*	002048062
	480	4,80	3,50	60	2/19/120		C	72TT	*	002048061

CIRCULAR SAW BLADES FOR ALUMINIUM

FEATURES

APPLICATION:	Cross cut in profiles, finish processing
MATERIAL:	Aluminium alloys, anodised, profiles of up to 10 mm wall thickness, profiles of non-ferrous metal
MACHINE:	Mechanic cross-cut saws, flush-mounted cross-cut saws, machining centre with sawing aggregate, revolving transfer machine, continuous casting plants
DESIGN:	Type D; • = with copper plugs
TOOTH:	Triple-chip flat tooth (FT), HW
FEED:	MEC

BOMBASTIC - Synonym for excellent cuts

The synonym for excellent cuts – forget about subsequent reworking of edges. Designed for cutting non-ferrous metal the Bombastic circular saw blade generates substantial cost savings.

Reworking becomes dispensable particularly wherever aluminium profiles are being cut.

Almost burr-free cutting edges

- optimal cuts on your finished product due to specifically ground tooth geometries

Low vibration

- smooth running is prolonging the tool life
- higher cutting quality

Hardly any re-machining necessary

- no subsequent de-burring
- shorter cycle time



	D mm	B mm	b mm	d mm	Z	Type	DT	Order No.
•	250	2,80	2,00	30	80	D	○	002025030
•	300	3,00	2,20	30	96	D	○	002030030
•	350	3,60	3,00	30	96	D	○	002035030
•	400	3,80	3,00	30	96	D	○	002040030
•	450	4,00	3,40	30	102	D	○	002045030
•	500	4,20	3,40	30	96	D	○	002050031
•	500	4,00	3,40	30	120	D	*	002050030
•	550	4,20	3,40	30	132	D	○	002055030
•	600	4,80	4,00	30	138	D	○	002060030

All dimensions available from Ø 160 to 800 mm on the basis of your machine specificatio.

○ = on request
* = ex stock

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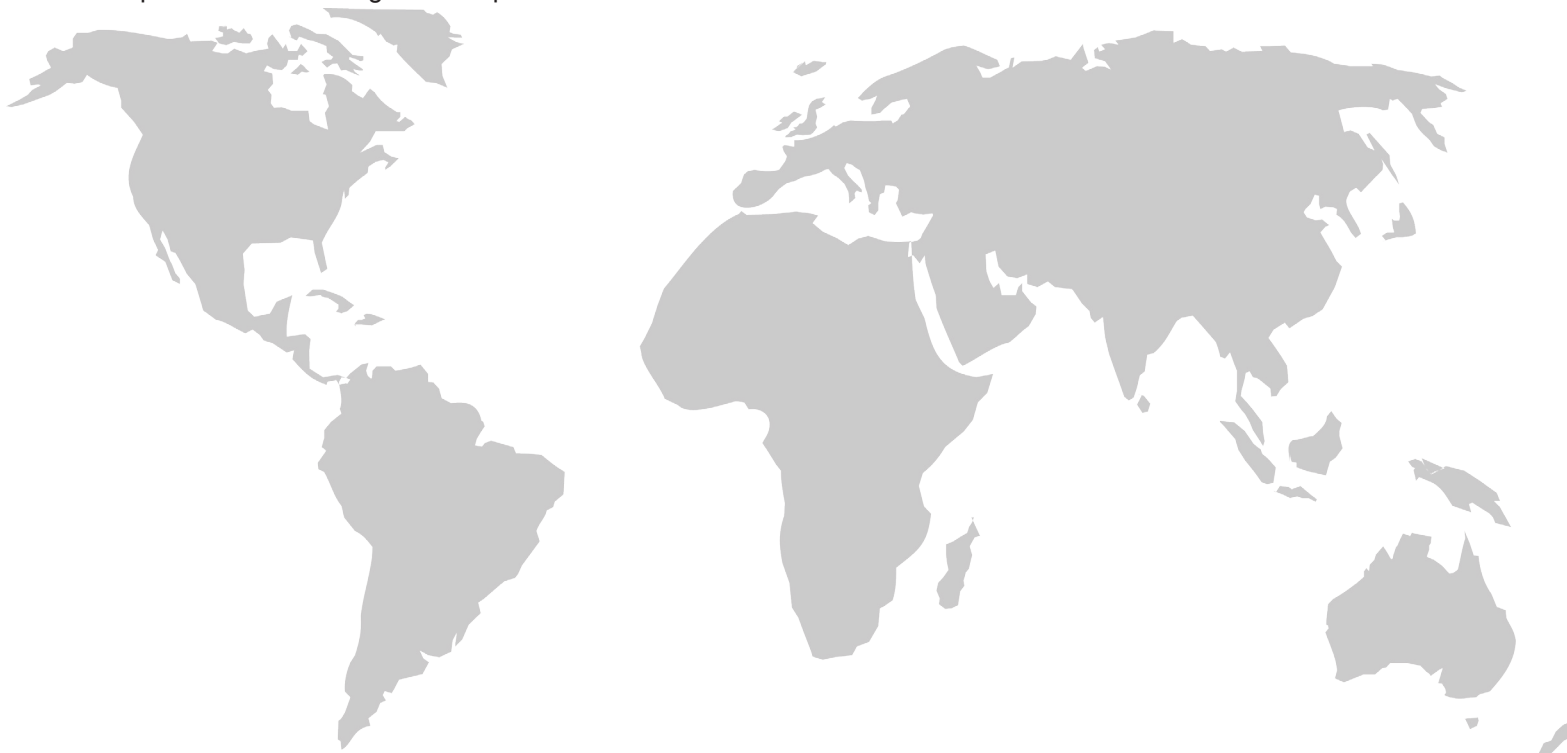
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A|K|E is a family-run, medium-sized company with international orientation. Our position offers decisive advantages to our customers. They meet the versatility and competence of a big company and take advantage of the promptness and flexibility of a small firm. Our specialisation, the proverbial precision, the innovative approach and a huge wealth of experience help our customers to gain the top.

Since 1960 A|K|E has been standing for highest quality in industry and crafts. A|K|E today – is one of the leading manufacturers of circular sawblades and cutting tools worldwide.

Whether individual tools or demanding standards are required: the solution is always A|K|E.



Subject to technical changes.

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