

**NEW
LINE**
of saw blades
in our offer

Professional HM saw blades line which, thanks to the use of special sintered carbides, is characterised by increased lifetime by up to several hundred percent compared to standard saw blades for cutting of PVC profiles.

Saw blades ALUEX MARATHON

for Alu, non-ferrous metals and plastics profiles cutting



LONGER LIFETIME- The use of special type of sintered carbides increases the lifespan of the saw blades by up to several hundred percent and reduces production downtime related to saw blades maintenance.



DEDICATED SOLUTIONS- Custom-designed tooth configuration 1GA (triple chip / flat), made of correct type of carbides, prevents the teeth from chipping and enables to obtain better quality surface after processing as well as to perform more cuts.



PERFECTLY BALANCED- This low-noise saw blades line has a very precisely executed and dynamically balanced disc and narrow tolerances of saw blades execution during the production process.



FEATURES / BENEFITS:

- ▶ saw blade with negative rake angle, dedicated to cutting of aluminum sections with wall thickness up to 3mm made from soft alloys, non-ferrous metals and PVC
- ▶ thanks to the use of specialized type of sintered carbide saw blades are characterized by a few hundred percent increase of durability in comparison with standard saw blades for PVC profiles cutting
- ▶ special type of teeth 1GA negative (TRF - triple chip + flat) prevents the edge of teeth from crumbling and allows to obtain even better surface after cutting
- ▶ low noise series with very precise performance parameters, dynamically balanced disc with increased imbalance parameters (elimination of vibrations during cutting which additionally affects the higher quality of cut surfaces)

APPLICATION:

- ▶ designed for cutting of sections from aluminum (soft - extruded) with wall thickness up to 3mm
- ▶ dedicated also to cutting of PVC profiles (plastics) with wall thickness up to 3mm
- ▶ saw blades may be used also for cutting of profiles from non-ferrous metals i.e. copper, brass, bronze with properly selected working parameters
- ▶ while selecting a proper saw blade you should consider the number of teeth (tooth pitch), the harder and thinner the processed material the smaller pitch (the greater number of teeth)
- ▶ in order to obtain the best quality of surface it is recommended to use the appropriate pressure while cutting

INDEX						TEETH GEOMETRY			MU	CATALOGUE PRICE
	mm	mm	mm	mm						
PS425-0300-0001	300	30	3,2	2,5	96	1GA-5	Cu	$2x7/42+2x8,5/46+2x10/60$	pc	
PS425-0350-0001	350	30	3,2	2,5	108	1GA-5	Cu	$2x7/42+2x8,5/46+2x10/60$	pc	
PS425-0350-0003	350	32	3,2	2,5	108	1GA-5	Cu	$2x10/60+2x11/63+2x11/70$	pc	
PS425-0400-0001	400	30	4,0	3,4	120	1GA-5	Cu	$2x10/60+2x11/63+2x11/70$	pc	
PS425-0400-0003	400	32	4,0	3,4	120	1GA-5	Cu	$2x10/60+2x11/63+2x11/70$	pc	
PS425-0500-0001	500	30	4,0	3,4	160	1GA-5	Cu	$2x10/60+2x11/63+2x11/70$	pc	
PS425-0500-0002	500	30	4,2	3,6	120	1GA-5	Cu	$2x10/60+2x11/63+2x11/70$	pc	
PS425-0550-0002	550	30	4,4	3,2	160	1GA-5	Cu	$2x10/60+2x11/63+2x11/70$	pc	
PS425-0600-0001	600	30	4,4	3,8	160	1GA-5	Cu	$2x10/60+2x11/63+2x11/70$	pc	

Legend: d_o - driver hole dia d_p - hole pitch dia - per order

Saw blades ALUEX MARATHON 1GA +5°

PS425



FEATURES / BENEFITS:

- ▶ very precisely executed saw disc, special sintered carbide and proper teeth geometry GA +5 (TR-F triple-chip + flat) ensure tool's longevity and very high cutting quality
- ▶ dynamically balanced disc eliminates vibrations during cutting what results in higher quality of cut surface
- ▶ proper disc tensioning ensures high saw blade rigidity what guarantees stable cutting process
- ▶ wide opportunities for sintered carbide sharpening enable to solve problems with cutting process and meet high quality requirements
- ▶ silenced saw blades - lower noise level while cutting

APPLICATION:

- ▶ designed for cutting of sections from aluminum (soft - extruded) with wall thickness above 3mm and full materials
- ▶ dedicated also to cutting of PVC profiles (plastics) with wall thickness above 3mm
- ▶ saw blades can be used for cutting of full materials - with properly selected number of teeth
- ▶ saw blades may also be used for cutting of profiles from non-ferrous metals (i.e. copper, brass, bronze) with properly selected working parameters
- ▶ while selecting a proper saw blade you should consider the number of teeth (tooth pitch), the harder and thinner the processed material the smaller pitch (the greater number of teeth)

INDEX						TEETH GEOMETRY			MU	CATALOGUE PRICE
	mm	mm	mm	mm						
PS425-0300-0002	300	30	3,2	2,5	96	1GA+5	Cu	$2x7/42+2x8,5/46+2x10/60$	pc	
PS425-0350-0002	350	30	3,2	2,5	108	1GA+5	Cu	$2x7/42+2x8,5/46+2x10/60$	pc	
PS425-0400-0002	400	30	4,0	3,4	120	1GA+5	Cu	$2x10/60+2x11/63+2x11/70$	pc	
PS425-0500-0003	500	30	4,2	3,6	120	1GA+5	Cu	$2x10/60+2x11/63+2x11/70$	pc	
PS425-0550-0001	550	30	4,4	3,2	160	1GA+5	Cu	$2x10/60+2x11/63+2x11/70$	pc	

Legend: d_o - driver hole dia d_p - hole pitch dia - per order

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