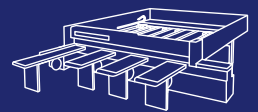




Special HM saw blades with irregular tooth pitch designed for precise cutting of aluminum sections and full lightweight alloys, used on machines with mechanical feed.

HM saw blades ALUEX MULTI CUT series for aluminum sections and full materials cutting



PERFECTLY BALANCED – it is a great advantage of our tools. It is achieved thanks to precisely executed and balanced disc and reduced tolerances of saw blades during production.



DEDICATED SOLUTIONS – individually designed teeth geometries in conjunction with adequate sintered carbide are of great importance. It allows to select optimal cutting tool for a particular material and guarantees the best possible surface after cutting.



LONGER LIFE TIME – the use of special sinter carbide guarantees even longer satisfaction with the effect of saw blade operation between sharpenings.



FEATURES / BENEFITS:

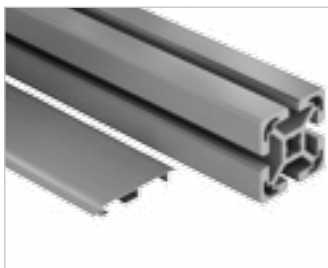
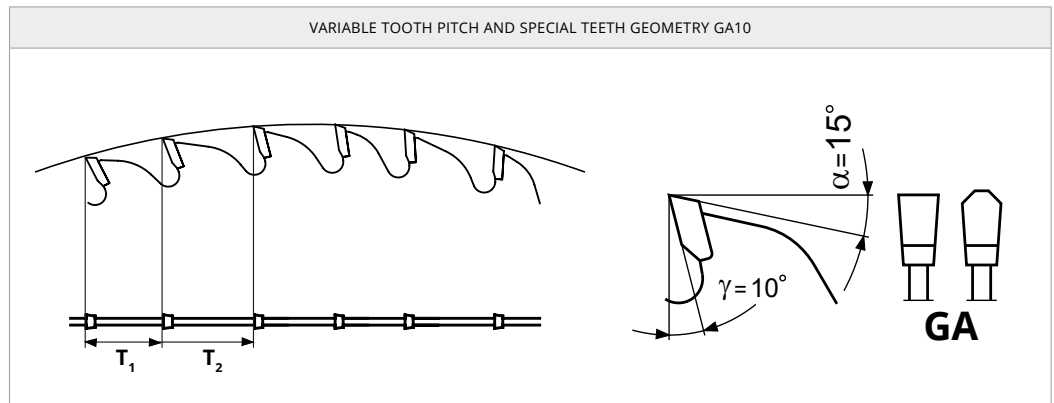
- ▶ very high disc accuracy, specially selected sintered carbide and adequate teeth geometry GA10 (triple chip - flat top teeth) guarantee longer life time and very good cutting quality
- ▶ dynamically balanced disc eliminates vibrations during cutting which has a great impact on quality of cut surface
- ▶ adequate disc tension ensures high rigidity of the body which influences stable operation
- ▶ irregular tooth pitch allows to obtain very good cutting quality of both profiles and full materials on machines with high feed rate
- ▶ low-noise saw blades, adequate silencing slots reduce noise during cutting process
- ▶ wide possibilities for sintered carbide sharpening - it allows to solve cutting difficulties and meet high quality requirements
- ▶ German steel used ensures repeatability and high parameters of the disc, which contributes to the stability of the blade during operation

APPLICATION:

- ▶ saw blade adapted to cutting of aluminum profiles of different dimensions and wall thicknesses on specially adjusted panel-sizing machines for non-ferrous light metals cutting
- ▶ cutting of aluminum and non-ferrous materials, single or batch cutting
- ▶ cutting of profiles with wall thickness minimum 2mm
- ▶ precise cutting of solid alloy materials
- ▶ in order to achieve the best surfaces it is recommended to apply correct material pressure during cutting
- ▶ possibility to change diameter of the saw blade and adjust it to operation on double-headed machines for cutting joinery elements

INDEX						GEOMETRY			U.m.	CATALOGUE PRICE
	mm	mm	mm	mm				$il \times d_1/d_2$		
○ PS416-0460-0001	460	30	4,4	3,5	60	GA 10	Cu	2x13/94	pc	
○ PS416-0620-0001	620	40	5,5	4,5	72	GA 10	Cu	2x13/114+2x13/140	pc	

Legend: d_2 - driving holes diameter d_1 - pitch diameter of holes ○ - per order



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