

TBM TECHNICAL DATA



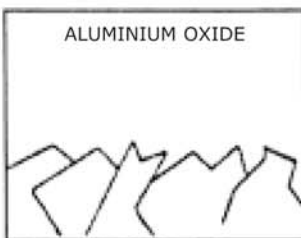
The TBM is a non-woven nylon fibre fabric uniformly impregnated with aluminium oxide or silicone carbide abrasive grains through the binding agent action of synthetic resins.

The TBM components have been accurately studied to obtain a range of products to solve all problems of different surface treatments.

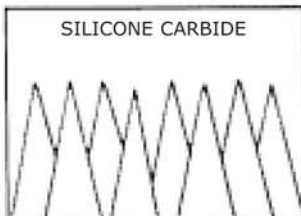
The TBM gives a constant cutting power, long wear, possibility of automation, and saves time, therefore producing higher profits.

Thanks to its three-dimensional structure, TBM is used for micro burring, sanding, wood profile finishing, satin

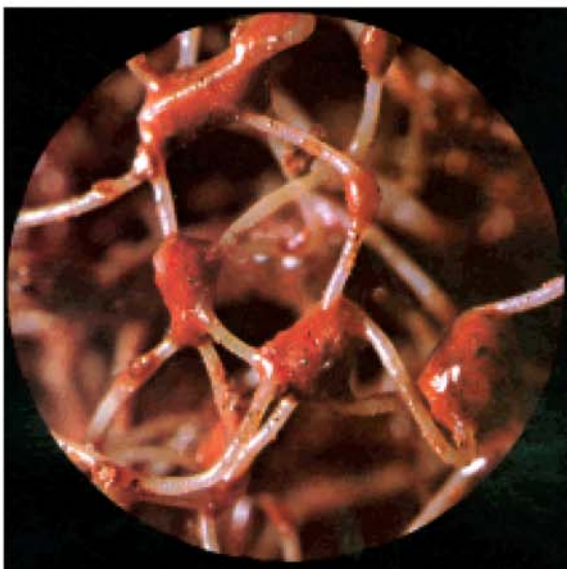
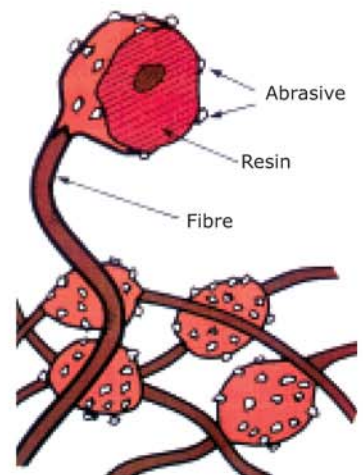
finishing of steel or metal (aluminium, brass, etc.) cleaning copper and printed circuits, sanding wood and MDF panels, jobs on marble and hard stones, ceramic, leather, etc.



The aluminium oxide is made of hard wear resistant crystals with particle conchoid fractures and sharp corners. The aluminium oxide has less cutting capacity than silicone carbide, but it is more resistant. This material is excellent when high working speeds are required due to its open fibre structure. Aluminium oxide is mainly used for sanding wood and finishing metal.



The silicone carbide is made of irregular vitreous origin crystals with very sharpen corners. This very hard and fragile material splits while working and creates new sharp corners. This process allows very high material removal with low obstruction problems. Thanks to the particular shape of the abrasive granule, the silicone carbide minerals are used when the unit stress is not very high and mainly on the buffing of paints.



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SYNTHETIC FIBRES: NYLON (support)			
GLUE: resins particularly useful for abrasive granules and fibres of nylon.			
ABRASIVS: 2 types			
Type A : ALUMINIUM OXIDE : BROWN / BORDEAUX			
Type S : SILICONE CARBIDE : GREY			
GRADES		GRAIN	COLOUR
A-C	COARSE	80	Brown
A-M	MEDIUM	120	Brown
A-F	FINE	240	Brown
A-VF SOFT	VERY FINE SOFT	320	Brown
A-VF STRONG	VERY FINE STRONG	320	Brown
S-M	MEDIUM	120	Dark Grey
S-F	FINE	240	Dark Grey
S-VF	VERY FINE	320	Dark Grey
S-SF	SUPERFINE	400	Dark Grey
S-UF	ULTRA FINE	600	Dark Grey
S-UF SPECIAL	ULTRA FINE	1000	Dark Grey
S-UF SPECIAL 2	ULTRA FINE	1200	Dark Grey