



GTE TECH CO., LTD.

“GTETECH”

Tungsten Carbide Knife

For cutting fresh asbestos / asbestos-free roofing sheet

Grade “NON-A”

Specification

OD 305 mm, 3 mm thick, 0.4 Micron T/C, 10-12% Co., HIP treated

Hardness 85-91 HRA, Toughness 1800-2200 N/mm²

Density 13-15 g/cc

Data to be informed against esteemed inquiry

Bore diameter

Cutting edge angle

(Standard cutting edge angle is V shape)

This presented carbide blade is manufactured according to ISO 9001:2008

standard awarded by

UKAS Management System on 29 October 2012.



ISO 9001 : 2008
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The so called Non-A grade with its specific specification has been tested to obtain suitability in term of functional durability for cutting roofing tiles, containing the admixture of asbestos and asbestos-free admixture of the pulp, PVA, Micro Silica Sand, cement, etc., as a substitute for asbestos from actual use for a sustained period of more than one year by leading manufacturers of roofing tiles in Thailand for instance The Siam Fibre-Cement Plc, Mahaphant Fibre-Cement Plc. As a result of this actual functional test for the quality of the carbide blade, Grade Non-A, we have been awarding trustful blanket order over 1000 pieces per year.

Our grinding know-how of knife to be so strict to be glossy like a mirror on the whole carbide surface, especially cutting edge. This involves of using several grades of rough, fine, super fine and delicate types grinding wheels, having grinding edge to be glossy & slippery at cutting contact with raw material of asbestos and non asbestos roofing sheet. Glossy knife edge will certainly reduce cutting friction at cutting area to the minimum. This will leads to the major case of maintaining longer lifetime of the knife per resharpener of the established benchmark cutting edge.

More advantageous point is that the knife body has been designed for installation of Hex. Counter Sink Head Cap Screws, This will leads not only reducing air turbulence from high cutting speed of knife more or less 3000 rpm in cutting area down to the minimum, but also loundy atmosphere is down to normal standard level.

Incidentally, we are also offering our sale service in resharpener work to be glossy shining knife edge the same as those of the first fresh from our factory. The user can determine in advance the number of blades required for use on a monthly or yearly basis for interval resharpener service, without setting up a grinding shop with grinding tools and personnel at a higher investment cost. We have our sale service in regrinding service of 200 blades per month at FOB LCL sea freight of USD. 50.00 per blade.

Another superior point of our blade is that the housing body has been designed for long life service. We are pleased to discount USD.50.00 per new blade if we have the old housing body returned for replacement of new carbide blade.

Each carbide knife to be individually packed in our handy standard safety injected PE packaging case as illustrated.



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