



Formula TKM 2-Stroke Regulations Clarification

Effective June 1st 2011

The regulations and fiche drawing reference the TKM BT82 cylinder head combustion chamber have not changed since the class was first created two decades ago and are clear on the shape that must remain after any machining. However recent checks have made it apparent that some engine preparers are not fully encompassing or understanding the spirit and meaning of the rule. As such we issue the following clarification to avoid any potential doubt.

'While we permit machining mainly to allow for rectification of damaged engines, we stress the phrase in the regulations which states "the machining of combustion chamber, liner mating face and its locating shoulder is permitted providing shape and head volume remain within limits."

The combustion chamber dome must at all times remain as a concave spherical shape throughout its entire diameter. At the point where it meets the squish band there must be only one nominal radius which must be a maximum of 3mm. This is clearly shown and listed within the TKM BT82 engine fiche BT820394 in the drawing of the combustion chamber and head limits list.

We clarify that any fundamental shape change to the concave spherical dome introducing convex spherical shaping, more than one intermediary angle or radius at the point of meeting the squish band, or any change which makes its shape outside that stated, will render the cylinder head illegal.'

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