veritas® Lapped Blades

This Veritas® blade is sharp and ready for final honing. Unless the blade face has been scratched, only the bevel will ever need to be resharpened.

The blade bevel has been ground to an average roughness of 16 microinches (0.000016″) or better. The face has been machine lapped to an average roughness of 5 microinches (0.000005″) or better and to a flatness tolerance of 0.0005″ or better over the working surface.

The working surface is the portion of the face that extends from about 1/8″ below the bottom of the slot to the cutting edge. Average roughness (Ra) is a measure of the height variations in a surface – the lower the value, the better the finish.

Lapping is the process of rubbing two surfaces together with an abrasive and a lubricant where the principal goal is to minimize surface roughness. Flattening is a secondary but beneficial effect. The process is complete once the desired conditioning is achieved. A steel surface, properly lapped, can be identified by its matte-gray finish.

If the lapping process is continued after this point, it will gradually begin to polish the surface, but this will not improve the cutting edge.

A corrosion-inhibiting boxboard chip is included with this product. The chip emits a Volatile Corrosion Inhibitor (VCI). Molecules from the VCI chip attach themselves to a metal surface to form an invisible thin film to protect metals from corrosion. VCI chips offer limited protection – two years under ideal conditions and in a closed container. Repeated opening of the case will reduce the efficacy of the chip.

The VCI formulation is non-toxic. Nevertheless, after handling a VCI chip, you should wash your hands.

When storing blades in a damp environment or for an extended period of time, we recommend you apply a thin coat of household oil to your blades to supplement the protection provided by the VCI.