

## Blades – Choice of A2, O1 or PM-V11® Tool Steel

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Veritas bench, bevel-up and block planes come with lapped blades made of either A2, O1 or PM-V11® tool steel (shoulder and apron planes come with A2 or O1 steel). Choice of blade type depends on your preferences – how you like to work, how much planing you do and your sharpening methods.

Our A2 blades are air-quenched and double-tempered to Rc60-62. They hold an edge longer than O1, but require more effort to sharpen.

Our O1 blades are oil-quenched and double-tempered to Rc58-60. While O1 sharpens more quickly than A2 or PM-V11, it also dulls more readily. O1 blades are a good choice for rapid honing, but require it more frequently.

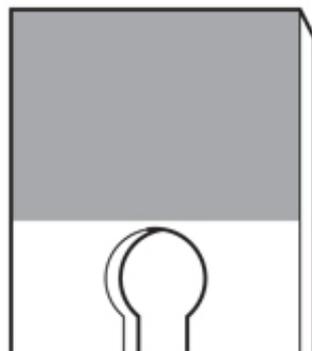
A premium blade material, our PM-V11 tool steel (Rc62.5) has a unique composition that provides significantly greater resistance to damage from both impact and wear than A2 or O1, yet is as easy to sharpen as A2 using water stones or other common sharpening media. Visit [www.pm-v11.com](http://www.pm-v11.com) for more information on the performance of these steels.

We lap all of our blades\* on the face to a flatness tolerance of  $\pm 0.0002$ " or better over the working surface†, with an average roughness of 0.000005" or better. While the blade faces are smooth and true, the intersecting bevel should be honed before use.

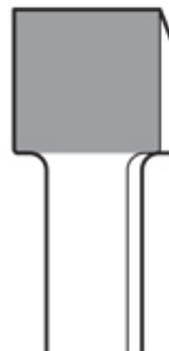
*\* except Veritas scrub, scraping, router and flush plane blades, and all Veritas A2 toothed blades.*

*† On regular and bevel-up blades, the working surface extends from about 1/8" below the screw slot to the edge; on shoulder and bullnose plane blades, it is the widest section of the face from the shoulder to the edge.*

Lapped working surface on regular and bevel-up plane blades.



Lapped working surface on shoulder and bullnose plane blades.



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