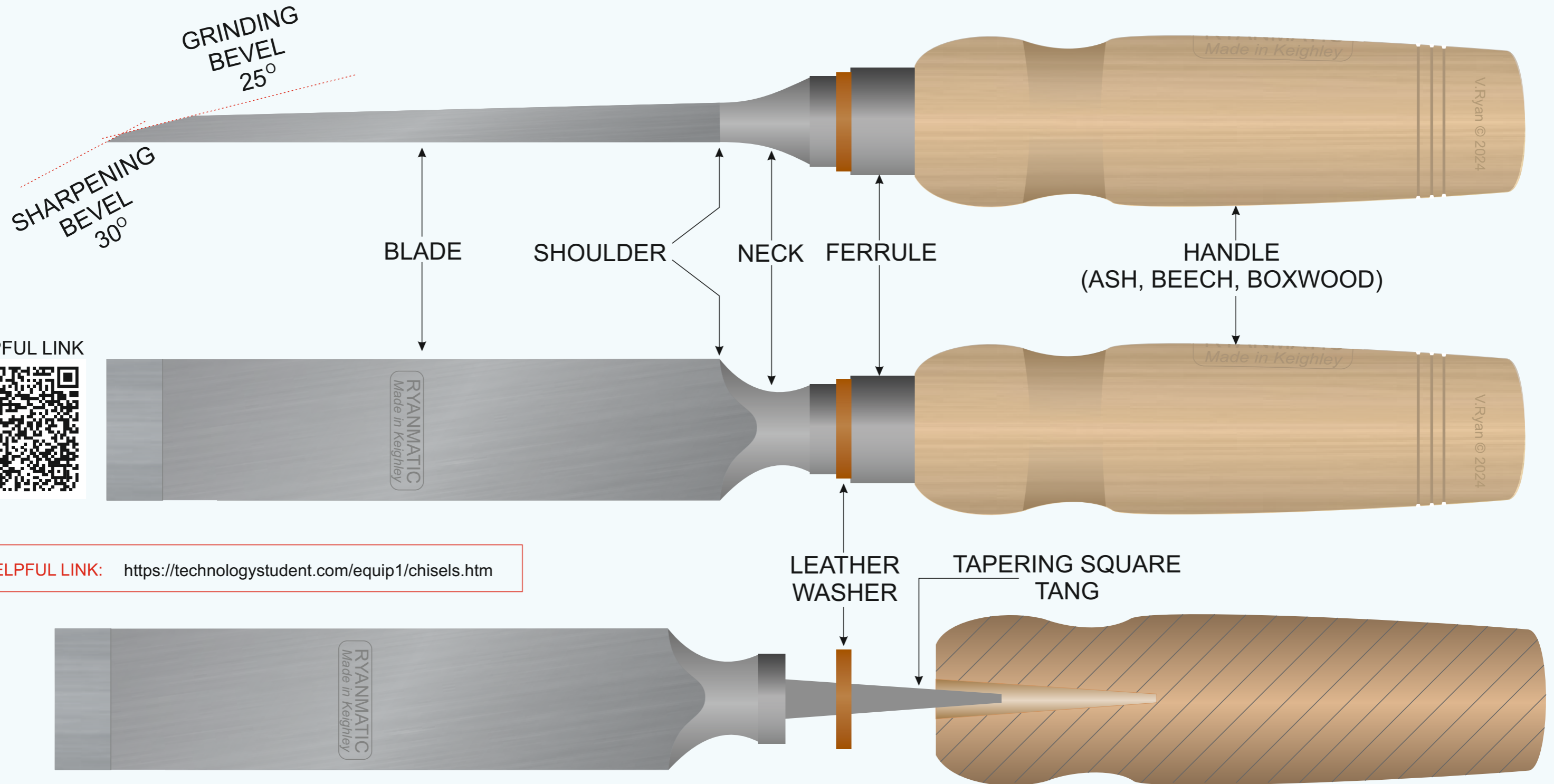


THE FIRMER CHISEL

THE FIRMER CHISEL HAS A RECTANGULAR SECTION FLAT BLADE. IT IS A GENERAL PURPOSE CHISEL AND CAN WITHSTAND HEAVY DUTY 'CHOPPING'. ITS PARALLEL SIDES HELP PRODUCE ACCURATE CUTTING, INCLUDING TRIMMING / CUTTING MORTISES. THE GRINDING BEVEL ANGLE IS AT 25 DEGREES. THE SHARPENING BEVEL (30 DEGREES) IS ACHIEVED BY HAND, USING A HONING OIL STONE.



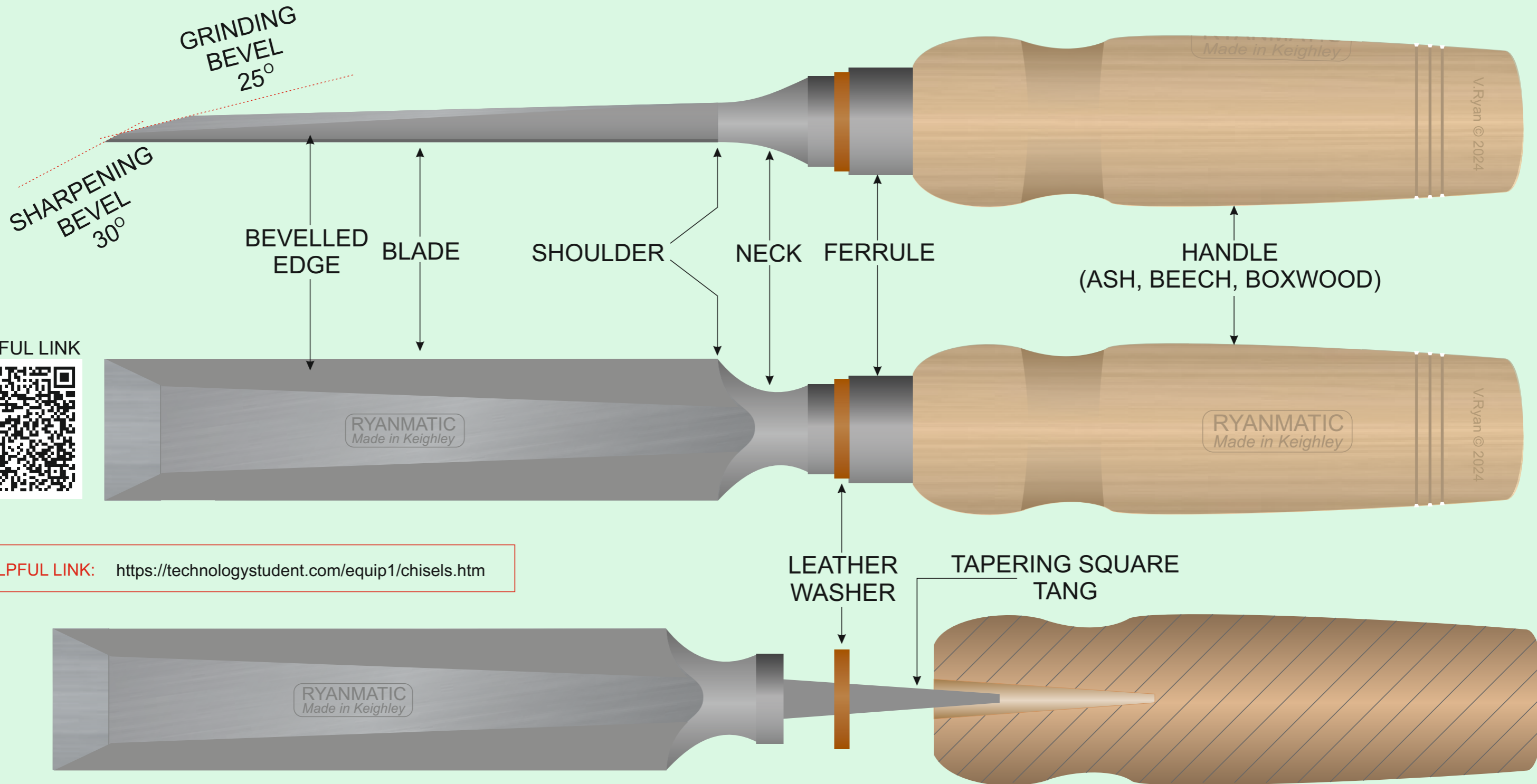
HELPFUL LINK



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THE BEVEL EDGED CHISEL

THE BEVEL EDGED CHISEL HAS SLOPPING EDGES (BEVELLED EDGES). THESE ALLOW THE CHISEL TO BE USED IN TIGHT SPACES, SUCH AS CORNERS. THE CHISEL IS USED TO PERFORM VARIOUS OPERATIONS, INCLUDING PARING WORK AND THE CHISELLING OF DOVETAIL / COMB JOINTS. THIS TYPE OF CHISEL IS OFTEN USED WITH A Mallet, WHICH PROVIDES THE FORCE SOMETIMES REQUIRED TO 'CHISEL' HARD WOODS. THE GRINDING BEVEL ANGLE IS AT 25 DEGREES. THE SHARPENING BEVEL (30 DEGREES) IS ACHIEVED BY HAND, USING A HONING OIL STONE.



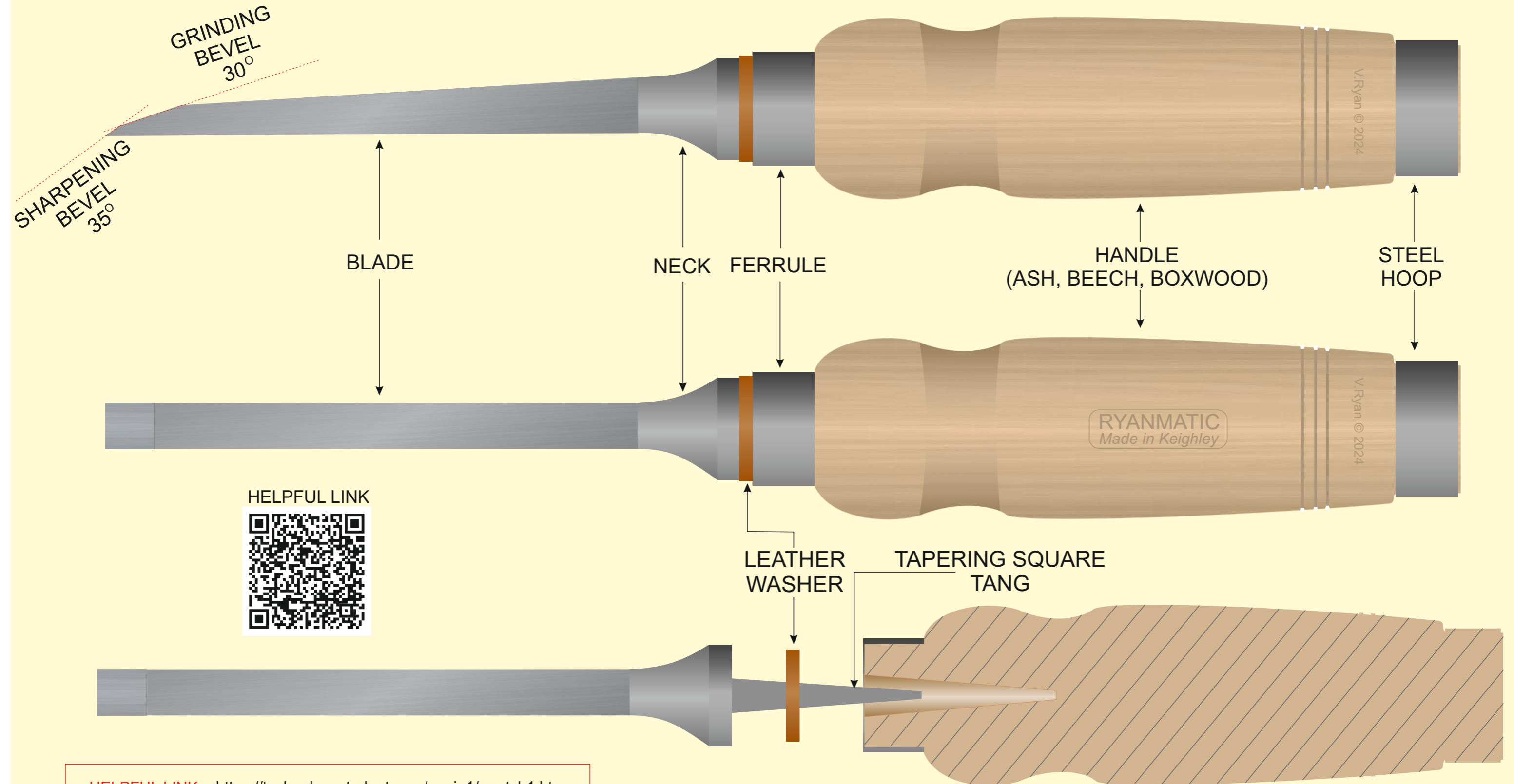
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THE MORTISE CHISEL

THE MORTISE CHISEL IS USED FOR CUTTING MORTISE HOLES AND IS A ROBUST, STRONG CHISEL CAPABLE OF REMOVING WASTE WOOD QUICKLY. THE GRINDING BEVEL ANGLE IS USUALLY 30 DEGREES, WITH THE SHARPENING BEVEL GROUND AT 35 DEGREES. THIS STEEP ANGLE PROVIDES STRENGTH AT THE POINT OF CUTTING. THE MORTISE CHISEL IS USED WITH A Mallet. THE STEEL HOOP STRENGTHENS AND PROTECTS THE CHISEL HANDLE AT THE POINT OF 'Mallet' IMPACT.



HELPFUL LINK: <https://technologystudent.com/equip1/mortch1.htm>