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Metal working

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| **Across**  **4.** Required for use in the metals lab to protect your eyes.  **5.**  a clamp in the shape of the letter “C”  **8.** List of parts needed for a project  **11.** A metal block on which a blacksmith shapes metal objects with a hammer  **14.** A thin coating of metal laid on another metal.  **15.** A method of joining objects together by making the same size hole in each piece  **17.** Type of square used in sheet metal layout?  **18.** Type of fold to create a smooth edge.  **20.** Create a round hole by means of rotating tool with two cutting edges.  **23.** Tool used to mark lines on sheet metal?  **24.** What machine is used to bend sheet metal?  **25.**  Removes metal from the corners of the blank size. | **Down**  **1.** A concentrated beam of light to generate enough heat to pierce and cut.  **2.** What is the process of coating steel with zinc.  **3.** What is TPI  **6.** A tool with a point for making an indentation in an object  **7.** Ball Peen Hammer A hammer with a flat end and rounded end.  **9.** A tool usually of hardened steel with cutting ridges for forming, shaping, or smoothing metal surfaces  **10.** Joining two pieces of material by applying heat, pressure, or both.  **12.** Scissor-like hand tool used to cut metal.  **13.** Type of fastener used in sheet metal work?  **16.** 90 degree fold to attach another part to.  **19.** A two-jawed clamp used to hold tools or work in place.  **21.** What is a measurement of thickness.  **22.** Saw for cutting band Iron. |