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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. |