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| **S.No.** | **Name of tool** | **Picture** | **Make** | **Size** | **Purpose/Process** | **Manufacturing by which process** | **Material** |
| **1** | **Wrench** | **download.jpg** | **Japan** | **5/8”** | **Applying torque to turn objects** | **. forging**  **. annealing**  **.punching**  **. polishing** | **Chromium-vanadium alloy steel** |
| **2** | **Screw driver** | **download (1).jpg** | **China** | **2\*4’’** | **Tighten or loosen the screw** | **. Heat treatment**  **. forging**  **. coating of nickel** | **Tough steel and wood,metal,plastic** |
| **3** | **Pliers** | **download (2).jpg** | **Germany** | **150mm** | **Bending and compressing a wide range materials** | **. forging**  **. heat treatment** | **Vanadium and chromium** |
| **4** | **Mallet** | **download (3).jpg** | **China** | **medium** | **Assembling dovetail joints** | **.Cutting, assembling and shape the head** | **Wood, rubber** |
| **5** | **Hand saw** | **download (4).jpg** | **China** | **24’’** | **Used to cut pieces of wood** | **.Hardness**  **.Cutting of blade and teeth** | **High strength steel** |
| **6** | **Chisel** | **download (5).jpg** | **Japan** | **medium** | **Cutting a hard material such as wood, stone and metal by hand** | **Heat treatment**  **Drop forged** | **Carbon steel** |
| **7** | **washers** | **download (6).jpg** | **China** | **Small** | **Contact with an uneven surface to distribute pressure of nut** | **Washer dies and punched from strip and coil** | **Soft metal such as aluminum and copper** |

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| **8** | **Screw** | **download.jpg** | **China** | **Small** | **Hold objects together** | **Thread rolling method** | **Stainless steel, carbon steel** |
| **9** | **Hammer** | **download (1).jpg** | **Germany** | **Medium** | **Used for extracting nails** | **Casting, forging,**  **Hardening** | **High carbon steel** |
| **10** | **Tape measure** | **download (2).jpg** | **China** | **Medium** | **Linear measurement marking** | **Molding** | **Plastic material** |
| **11** | **Stapler** | **download (3).jpg** | **USA** | **Small** | **Joint paper** | **Stamping,**  **Brake forming, plastic molding, painting** | **Steel , plastic** |
| **12** | **Utility knife** | **download (5).jpg** | **Germany** | **Medium** | **Cutting,foam,stripping wire etc** | **Stock removal forging to shape,grinding,welded lamination or investment cast** | **Plastic , rubber and HSS** |
| **13** | **Wire stripper** | **download (6).jpg** | **Japan** | **Small** | **Used to strip electrical insulation from electric wires** | **Hot rolling ,annealing, pickling** | **Iron, alloyed steel** |
| **14** | **Knife** | **download (13).jpg** | **China** | **Medium** | **Used as a weapon or utensil** | **Casting, forging** | **HSS** |
| **15** | **Files** | **download (7).jpg** | **Japan** | **Medium** | **Finishing for giving smooth surface** | **Casting and forging** | **Carbon steel and chrome alloy steel** |

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| **16** | **Hand drill** | **download (8).jpg** | **USA** | **Medium** | **Used to drill holes** | **Casting and forging** | **HSS** |
| **17** | **Ladder** | **download (9).jpg** | **Uk** | **Large** | **Used for working at height** | **Expansion ,reverting, assembly** | **Aluminum, fiber glass** |
| **18** | **Flash light** | **download (10).jpg** | **China** | **Medium** | **Portable handheld electric light** | **Injection molding** | **Plastic and glass** |
| **19** | **Hatchet** | **download (11).jpg** | **Japan** | **Medium** | **Cutting, breaking objects** | **Casting, forging and hardening** | **HSS** |
| **20** | **HEX key tool** | **download (12).jpg** | **Bangladesh** | **Medium** | **Used to drive bolt and screws with hexagonal sockets in their heads** | **Linear or rotator broaching** | **Carbon steel, plastic** |