

HAND TOOLS

1. Write the name of the tools under the pictures.

ALLEN WRENCH	COMBINATION SQUARE	END MILL SET	SPIRIT LEVEL
AUTOMATIC CENTER PUNCH	CRESCENT WRENCH (ADJUSTABLE WRENCH)	FILES	TAPE MEASURE
BLADE	CUTTER	HAMMER	TELESCOPING GAUGE
BOLT	DEBURRING TOOL	MICROMETERS	TOOL BOX
CALCULATOR	DIAL INDICATOR	MICROMETERS	VISE
CALIPER	DRILL	NUT	PLIERS
CENTER PUNCH	EDGE FINDER	SCREWDRIVER	
CLAMP		SCRIBER	



2. Write the name of the tools next to its description:

1. With a one fixed jaw, while the second jaw can move left or right:
2. Incredibly useful when it comes to rounding out rough edges:
3. Any of several types of strong screws threaded to receive a nut and used to hold things together
4. An extremely precise measuring instrument; it is used to measure internal and external distances extremely accurately – the error may be as little as 0.05 mm depending on the make:
5. Tools used to locate the edges, the centre, layout markings or a previously machined feature. They are held in a collet, end mill holder or chuck mounted in the spindle of a milling machine or drill press:
6. Probably the most used deburring tool in any machine shop. They are available in a wide variety of sizes and types depending on the material of the part and the type of edge:
7. They can be used to make various shapes and holes in varying sizes, as well as profiling, contouring, slotting, drilling, reaming, etc. :
8. It is used to mark the centre of a point, such as the hole centre in drilling:
9. A device for fastening two things together:
10. Used for drawing and marking reference lines on metal:
11. widely used for accurate measurement of mechanical engineering and CNC machining components, including the diameters, thickness, length, and other dimensions:

3. Could you explain what these tools are for?

- 1. Spirit level:**
- 2. Hammer:**
- 3. Drill:**
- 4. Screwdriver:**
- 5. Blade:**
- 6. Tape measure:**

Webgrafía:

<https://www.practicalmachinist.com/tips-and-tricks/top-10-tools-every-machinist-should-have/>
<https://www.cnclathing.com/guide/must-have-machinists-tools-essential-machine-shop-tools-list-cnclathing>
<https://www.metalartspress.com/books/chapters/chapter-3-filing-sawing>