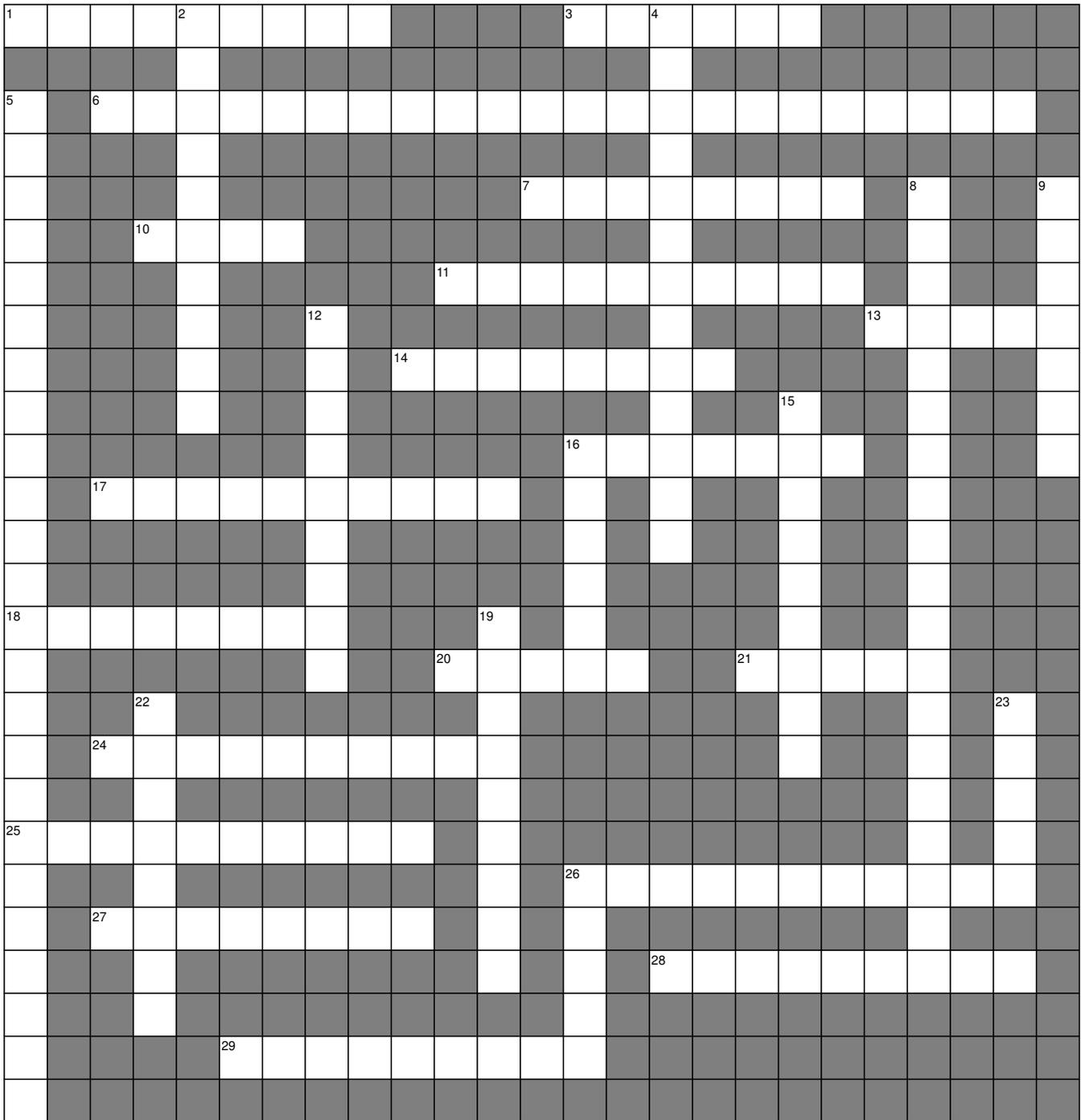


The Lathe



The Lathe

Across

- Used to move the Carriage automatically. (9)
- Lathe operation to shorten a bar or make the end of the bar smooth. (6)
- What does CAM stand for ? (22)
- Method of dimensioning from a Datum. (8)
- Cutting tool angle which allows the cut material to leave the cutting area. (4)
- Lathe operation involving the cutting off of parts. (10)
- Front part of the Carriage that contain some controls. (5)
- Holds the Tool Holder (8)
- The chuck is mounted on this and it is hollow. (7)
- Numbers which tell you the size of an object. (10)
- The method of dimensioning from the previous dimension. (8)
- Name for an angle cut on the end of a bar. (5)
- Machine used to produce round work among other things. (5)
- Level with the horizon. (10)
- Part of the Lathe that allows the tool to move perpendicular to the work. (10)
- Tool always used before drilling on the Lathe. (11)
- The distance from one side of a circle to the opposite side through the centre. (8)
- Cutting tool angle which stops the tool rubbing off the work. (9)
- Part of the Lathe housing the gears and controls. (9)

Down

- Running a programme on a computer before running it on a CNC Lathe. (10)
- Another name for the Top Slide. (13)
- What does CNC stand for ? (24)
- What does CAD stand for ? (19)
- Lathe operation used to make a bar thinner. (7)
- Used for screwcutting on the lathe. (9)
- Part of the Machine Bed along which the Tailstock can move. (9)
- Part of the Lathe that sits on top of the Machine Bed and supports the Cross Slide. (6)
- Used for drilling on the lathe and can hold a centre. (9)
- Can be set at different angles to cut tapers. (8)
- Grip pattern on some hand tools which can be created on the lathe. (5)
- Part of the lathe used to hold the work. (5)