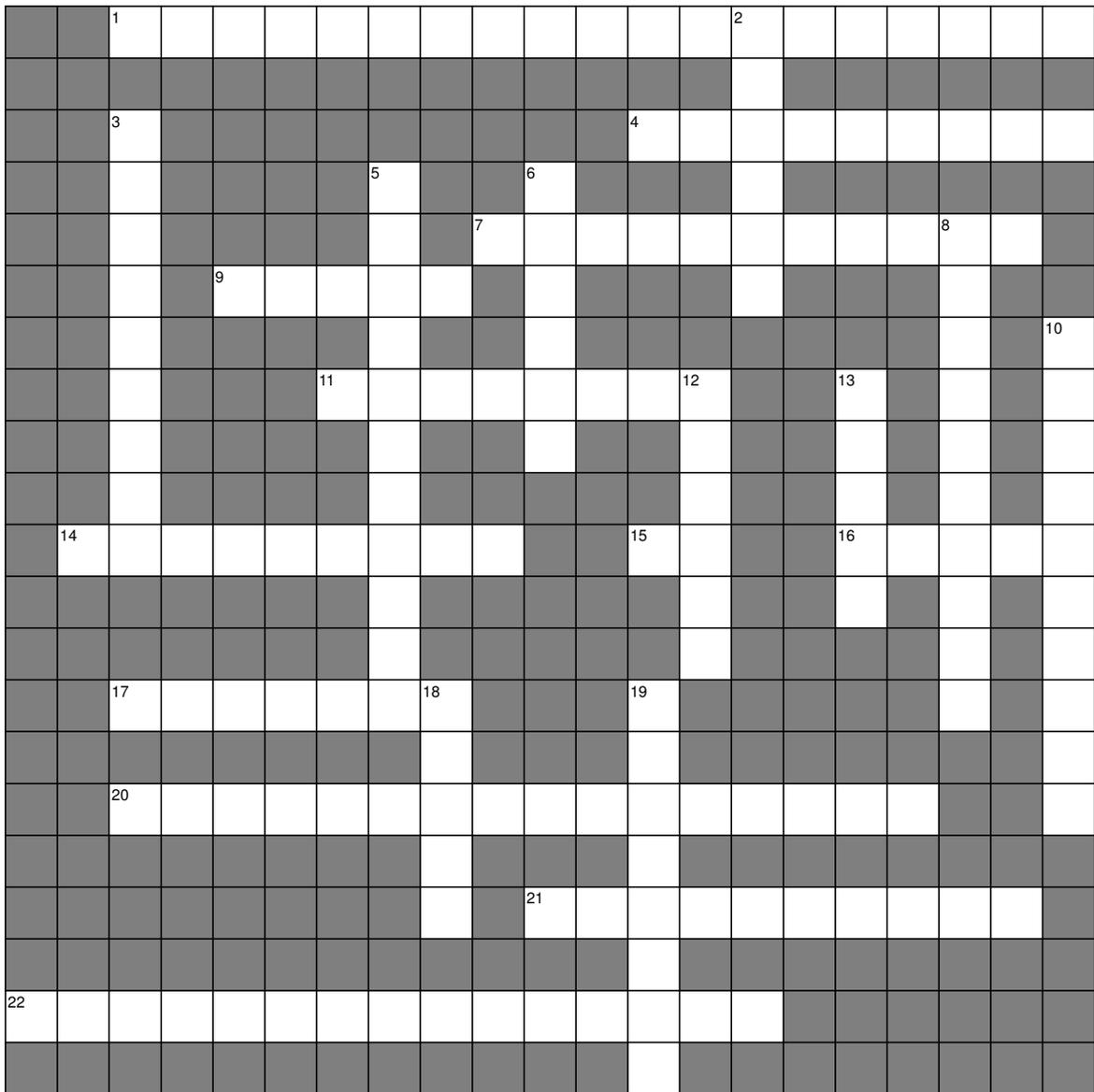


Drilling



Drilling

Across

1. The part of a Drilling Machine which allows you to set the depth to be drilled. (19)
4. A small hole drilled before using a large drill bit. (9)
7. The tool used to dent metals before drilling. (11)
9. It holds the drill bit while drilling. (5)
11. The distance from a point on a circle to the opposite point through the centre. (8)
14. The part of the Drilling Machine which allows you to push the drill into the work. (9)
15. We give it a value of 3 when calculating the Spindle Speed. (2)
16. The part of a drill bit that allows the swarf out and coolant in. (5)
17. What you should always wear when drilling. (7)
20. Used to hold big drill bits that are too small for the Drilling Machine spindle. (16)
21. On a standard drill bit it equals 118° . (10)
22. What do you drill before using a Tap ? (15)

Down

2. Some Drilling Machine use a stepped version of these and a Vee Belt. (6)
3. You cannot see through this. (9)
5. What do we use to hold work while drilling ? (11)
6. Used after drilling to ensure a very accurate hole size. (6)
8. This protects you from a flying drill bit. (10)
10. The tip of a Drill Bit. (10)
12. The distance from the centre of a circle to the circumference. (6)
13. Used to remove a large drill bit from the Spindle of a Drilling Machine. (5)
18. The part of a Drill Bit held in the Chuck. (5)
19. The metal the Table and Base of a Drilling Machine are made from. (8)