Twice as fast as normal drills

Making holes in wood and other soft materials goes twice as fast with the 3D-Bit. You will notice the difference immediately if you compare it with normal drills.

A flat drill chisels away the material and requires the application of heavy pressure.

A high speed steel drill – which is actually not suitable for working in wood – often gets stuck. The sawdust blocks up the hole.

The 3D-Bit, however, cuts efficiently into the material and the narrow shank leaves space for the sawdust and cuttings to escape.

This is how far you can drill in 3 seconds.

The 3D-Bit is not only faster, it is also so versatile that it replaces all other types of wood drills. What ever sort of hole you want to drill you can do it just as well, or better, with a 3D-Bit. If you are working in plasterboard, particle board, or hard plastic, you will find that the 3D-Bit grips better and stays sharp much longer.

And the 3D-Bit can do what no other drill has managed so far – cutting grooves and recesses. You can even drill curved holes.

Clean hole edges

The sharp wings cut up a circle before the crown begins to cut. The hole edges are perfect and you get an equally flat bottom as with a bottom drill. You can drill through knots just as easily as with a much more expensive knot bit.

Convenient – does not jar

If you go off course ever so slightly or hit a knot with a flat drill, you know what happens. It starts to jar and vibrate. If you want to avoid numb fingers and arms, use a 3D-Bit. It does not jar however much you steer it in the hole. And the vibrations are minimal.

Cuts grooves, channels and recesses

As opposed to other drills, the 3D-Bit has sharp cutting edges at the sides and behind. The 3D-Bit therefore functions as a milling tool when you want to cut grooves, channels and recesses for cables and tubing. Or if you want to recess a box or a lock.

Cuts grooves parallel to ...

The steering pin in the middle of the crown and the wings hold the bit in position when you are drilling a groove parallel to the surface of the material.

... or at right-angles to the surface

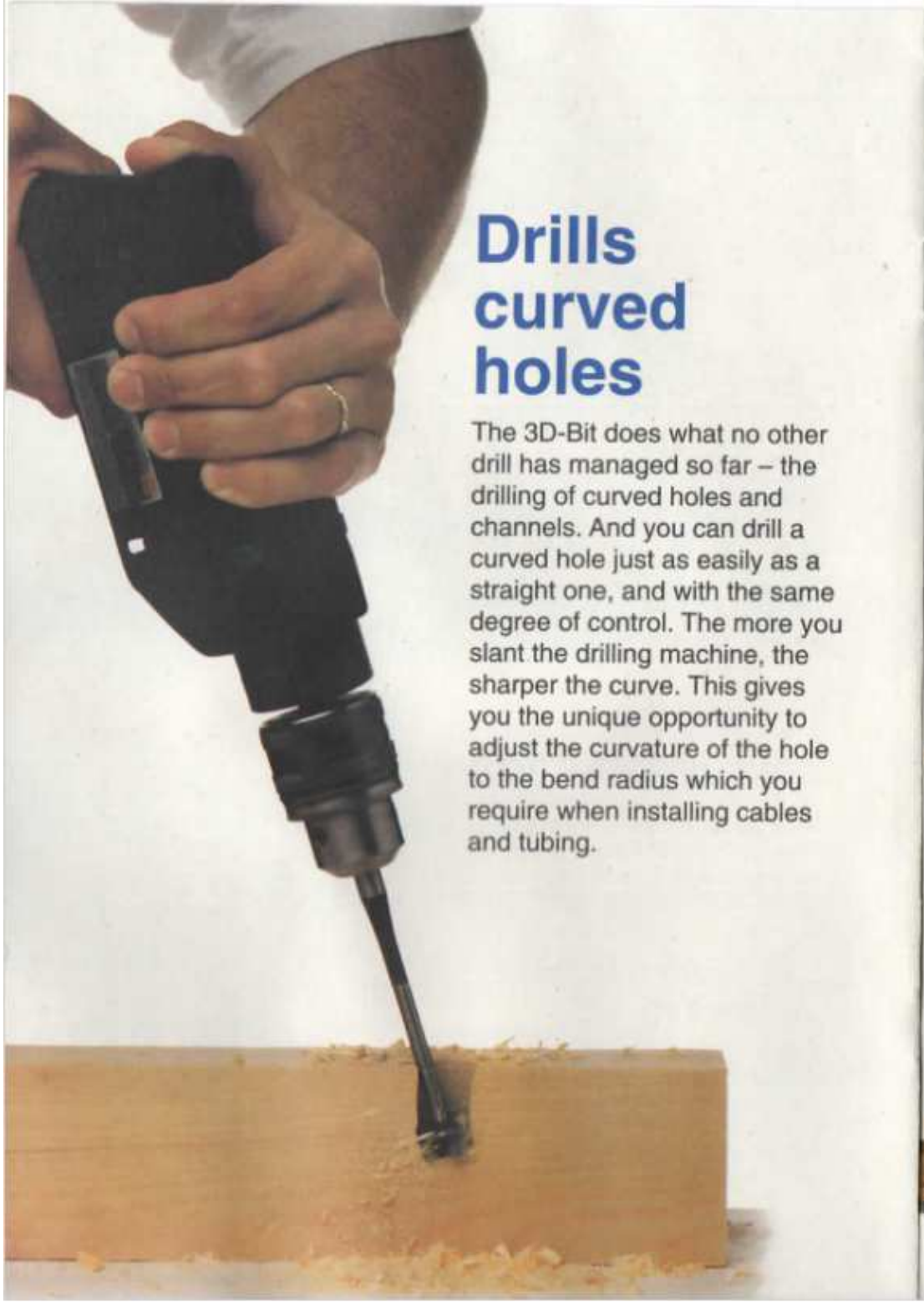
If it is difficult to work from the side you drill a line of holes first, and then cut off the ridges between the holes by drawing the crown sideways along the groove.

Long grooves no problem

On flat surfaces you can decide for yourself how long to cut a groove. The length of the drill is of no importance. You just hold the bit at an angle to the surface and steer it the direction you want to go. With full control over the depth all the time.

Lock inserts with perfect fit

Putting in a lock is quick and easy with the 3D-Bit since you have both a drill and a cutting tool in the same tool. First you drill a line of holes to a suitable depth, and then you cut the sides clean until the lock fits perfectly.



Drills curved holes

The 3D-Bit does what no other drill has managed so far – the drilling of curved holes and channels. And you can drill a curved hole just as easily as a straight one, and with the same degree of control. The more you slant the drilling machine, the sharper the curve. This gives you the unique opportunity to adjust the curvature of the hole to the bend radius which you require when installing cables and tubing.

This is how easy it is to drill a curved hole

1. Place the bit where you want to start the hole. Let the crown work itself down into the material. Slant the bit towards the place where you want it to go.
2. Steer the bit by supporting the shank against the edge of the hole. The bit will cut out a curved hole towards the exit.
3. To drill a sharp bend, draw the bit back a few times and cut out the material from the inner curve of the hole.

Curved holes for cables and tubing

Bending cables and tubing at right-angles is both difficult and inadvisable. The 3D-Bit simplifies installation work by giving the hole an appropriate curvature.