

# Boys' Toys, Books & Gear

AUSTRALIAN  
**Woodsmith**

## TORQUATA HEAVY DUTY FLUSH CUT BITS

Timbecon has just added two new down-shear flush cut bits to their ever-widening range of router bits.

The first of the two heavy-duty router bits features 19mm-diameter bearings at both ends of the 50mm cutting edge. This feature allows you to use the bit to trace a template that is either locked on top or underneath the profile being machined.

The second bit is Australia's first triple-bladed flush cut bit (made especially for Timbecon). What the extra blade means is at 12000rpm the triple-bladed bit will present a cutting edge to a surface 600 times per second instead of 400 times. This extra rate speeds up production, but more importantly improves the surface finish. Standard parallel designed flush cut bits have a tendency to "chatter" and leave ripples on the edge being machined. The down-shear design of both Torquata bits shaves timber fibres like a guillotine. This down-shear action produces a near perfect finish every time on every pass. The triple-bladed bit is definitely designed for

heavy-duty applications. It is CNC milled from 22mm-diameter steel and sports a 22mm-diameter bearing.

The cutting edges of both bits are 92Rc fine industrial-grade carbide, silver soldered onto sloping faces, counter-balanced. The bits are 115mm long, are finished with a non-stick black coating and have 12.7mm shanks. We used the triple-bladed bit to trim 17mm plywood (in the form of five 700 x 500 x 400 storage boxes) and were more than impressed with both the ease that the triple-bladed cutter sliced through the plywood and the finish it left behind.

For more information you can go to Timbecon at [www.timbecon.com.au](http://www.timbecon.com.au).



## SILKY TABLE NOCO SAWS

Silky approaches saw design from a very different perspective; their main market is manufacturing pruning saws for the arborist. It may be that this has allowed them to think outside the box and reinvent the design of a hand saw for the woodworker.

What is strikingly obvious about the three Table Noco saws featured is that they have curved blades instead of the traditional straight blades found in most

handsaws (Silky still manufactures excellent straight-bladed saws as well). The curved shape of the blade takes a moment to get used to and has the advantage that the design keeps your hand clear of the work surface as you cut. However, more importantly, the curved design matches the natural cadence of hand movement. With a traditional saw you start and stop, push and pull. The Table Noco encourages you to rock backwards and forwards in a smooth

semicircular motion as the 180mm blade does its work.

The difference between each saw is the number of teeth per inch. The red handled saw is more of a rip saw with 15 tpi. The green handled saw could be classed as a combination saw with 19 tpi, while the yellow handled saw is more of a dovetail saw with 22 tpi. The Table Noco is a three-piece design with two rubber handle sections clipping together over the blade stock itself. The razor-sharp teeth do not have any set; rather the blade is taper ground to allow the dust to fall away from the cut. Impulse hardening of the teeth means that they last up to three times longer than non-hardened teeth. The hard chrome plating on the saw blade means that resin and rust are not a problem.

While the Silky Table Noco has been designed for the woodworker, it is also a great little pruning saw for the garden. For more information visit [arborlab.com.au](http://arborlab.com.au).