

SAFETY STANDARD EN 847-1/2



The harmonisation of various woodworking safety standards in 1997 resulted in the EN 847 norm being introduced across Europe. This standard details technical safety requirements of machine tools for wood processing and is binding on all the EU countries and CEN member states. EN 847 replaced the standards that were previously in force in all the member states.

Limited cutter projection tooling (suitable for hand feed) dramatically reduces the severity of injury when hands come into contact with the rotating tool and the risk of material kickback.

MAN - HAND FEED REGULATIONS

The regulations state that hand feed is regarded as the holding and guiding of workpieces by hand. The term 'hand-feed' also applies to the use of demountable power feed units or using a hand-operated carriage on which the workpiece is placed manually or clamped.

Hand feed tools have the following characteristics:



- Chip thickness limitation: max 1.1mm knife projection for non-circular tools and 3mm for circular tools.
- Limited tooth gullet space.
- Mainly circular form.

Tools conforming to this standard are marked MAN or carry the hand feed logo.

ALL OF THE CUTTER BLOCKS IN THIS CATALOGUE ARE SUPPLIED WITH 30MM AND 1-1/4" BORE AS STANDARD.

OTHER BORE SIZES CAN BE SUPPLIED, PLEASE ASK FOR DETAILS.

MEC - MECHANICAL FEED REGULATIONS

Mechanical feed is the feeding of the material workpiece by mechanical means. Tools conform to general safety standards, but are not subject to standards concerning knife projection or tooth gullet width.

All the cutters in the spindle section are manufactured in accordance with the EN 847 standard and are marked with the following information:

Company Name	Trend Industrial Tooling
Feed Type	e.g. MAN or MEC
Dimensions	e.g. Cutting Diameter x Width of Cut x Bore in mm
RPM	e.g. nMin - nMax or nMax
Month/Year of manufacture	e.g. coded

