

# R2000 – TERSA cutter head



## TERSA cutter head

R2000 is a TERSA cutter head with centrifugal clamping of the knives. R2000 permits higher RPM and consequently increased feed and improved cutting quality. The center steel sleeve provides optimum stability and allows multipurpose use of the TERSA cutter head.

TERSA R2000 is revolutionary. The design offers better performance and increased productivity on all machine types. It is a perfect solution for finishing on moulding machines, planing machines and thicknessing machines.

Moreover, the Tera system is characterized by great flexibility resulting from the system's modular design of identical aluminium washers. The stability is secured by a steel bushing which goes through the planer head.

Knives in four qualities for all types of wood: Carbide, M42, HSS and chrome steel.

UNIMERCO supplies a number of different edge and profile cutters for the Tera system, and furthermore the Tera system can be integrated with different UM PROFILE™ tools.



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Edge reference cutter right (optional)

Four reversible knives

Center steel sleeve for optimum stability

The slide stop must always be open on the extraction side and shut on the other side



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The decisive advantage of the Tersa system is the user friendliness. Knives can be mounted in the planing head using no screws or keys, and they are fixed in the right position by means of a specially made gib which is pressed outward towards the knife by utilizing the centrifugal force. To replace the knife, the gib is pushed back, and the knives can be replaced without using any other tools.

## Special knives for Tersa

UNIMERCO has designed clamping tools which enable us to regrind the Tersa knives with a negative face of 9°. The cutting angle will be reduced to 21° for Tersa R2000.

The result is a less aggressive knife with longer tool life, and better cutting quality when there are whirled fibers.

Furthermore, you should note the possibility of combining the knife types. For instance, combining standard carbide and HSS knives has provided good results in glue boards.