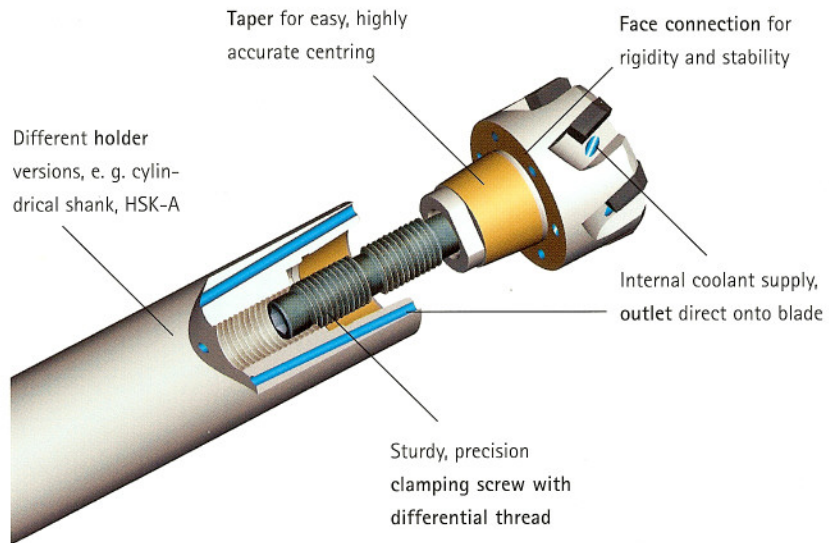


A brief summary of the advantages:

- Changeover accuracy and concentricity of less than 3 μm
- Simple, high precision centring with taper
- High rigidity and stability with optimised vibration damping properties
- Long tool life and excellent machining results as a result of vibration damping on material
- Extremely compact, rotationally symmetrical design; suitable for high spindle speeds
- Simple, direct coolant supply through the connection directly onto the blade, making it particularly suitable for minimal lubrication
- Modular design allows maximum universal use
- Easy handling when changing the tool head using clockwise/anti-clockwise screw and eccentric.

MAPAL HFS® axial clamping system



MAPAL HFS® Holders available with two different clamping systems:

For adaptors with axial clamping the system is applied from the rear through the shank, away from the machine. The tool head is drawn in with a sturdy differential screw, radially aligned to high precision and held in the exact position. Releasing the tool head is also automatic and simple by turning in the reverse direction.

A further significant development in the holder system is radial clamping, which provides clear advantages with regard to tool change times and the amount of handling without any change in precision. The radial clamping system consists of an eccentric pin in the holder and a pull stud fitted on the head. The replaceable head is clamped or released by a quarter turn of the eccentric pin. Changing the heads can be carried out quickly, easily and on the machine.

MAPAL HFS® radial clamping system:

Head change fast, easy and basically on the machine

