

MANUAL CLAMPING TECHNOLOGY

SMALL ACTUATION ANGLE –
GREAT EFFECT.



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INSIDE

OTT
Spanntechnik **JAKOB**

MANUAL CLAMPING TECHNOLOGY

PSC

GET TO GRIPS WITH TOOL CLAMPING

Manual clamping units from OTT-JAKOB are always the right solution when tools are to be changed with little time and effort. So as to guarantee maximum precision for even manual tool changes, HSK and PSC are two interfaces which have proven themselves for many years in automatic machine tools.

PSC

OTT-JAKOB manual clamping units for PSC/Coromant CAPTO™ tools work with spring force. Due to this design feature, the clamping force is independent of the actuating torque. CTC and SVC from OTT-JAKOB are two ranges which can be used with coolant.

CTC MANUAL CLAMPING UNIT

CTC manual clamping unit was designed for rotating applications and is the only quick-clamping system available on the market which is actuated via the coolant hole.

Advantages

- ▲ short projecting length
- ▲ low actuating torque
- ▲ easy to operate with a torque wrench



SVC MANUAL CLAMPING UNIT

The SVC range is used in static machining. With its short projecting length, SVC has more space for the workpiece and a larger flight radius.

Advantages

- ▲ sealed clamping area
- ▲ low actuating torque
- ▲ easy to operate with a hexagon socket wrench



MANUAL CLAMPING TECHNOLOGY HSK/HSK-T

HSK/HSK-T

The hollow-shaft taper has spread quickly since it was developed and is now an established manual tool clamping interface as well. With the QCS and ACS manual clamping units as well as the QCG and QCF mounting groups, our range delivers solutions for static and rotating applications alike.

QCS MANUAL CLAMPING UNIT

OTT-JAKOB developed the QCS manual clamping unit in order to utilise the advantages of HSK for static operations in turning machines. QCS is particularly robust and can be used in all standard and special applications.

Advantages

- ▲ high pull forces with low torque
- ▲ no turret adjustment required
- ▲ long lifespan
- ▲ easy to operate with a hex key



QCS AND QCF MOUNTING GROUPS

The QCG and QCF mounting groups consist of the QCS clamping unit and a flange for conventional HSK sizes. The challenging HSK inside contour is already present.

Advantages QCG

- ▲ simple plug-in
- ▲ maximum positioning accuracy



Advantages QCF

- ▲ suitable for rotation
- ▲ simple plug-in
- ▲ maximum positioning accuracy



ACS MANUAL CLAMPING UNIT

The ACS axial clamp from OTT-JAKOB was developed for use in rotating processes. ACS actuates on an axis which makes it the ideal clamping unit for grinding applications.

Advantages

- ▲ self-locking
- ▲ compact design
- ▲ easy to use



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