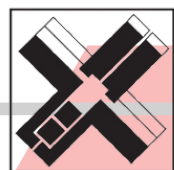
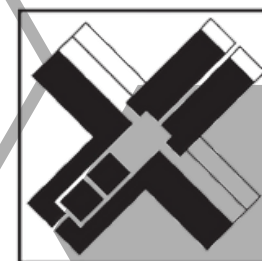




polikey[®]
slotting



polikey[®]
slotting



polikey[®]
slotting

MANUAL POLIKEY



What it does

The manual Polikey is suitable for the production of internal **keyways**, slots, lubrication grooves of blind and through holes, deep holes and small diameters.

Being a **manual device**, it doesn't need an automatic motion. For this reason, it is mainly used for repairs maintenance or where is requested to perform single pieces or small series.

This system is easy to use and allows a careful and precise machining, fast operation thanks to the system of rods and **interchangeable guide bushes**.

Features

The Polikey has numerous features including:

- Accuracy and straightness of the keyway because of the **guide bush**
- Speed of assembly and workpiece centring
- **Special tools** to customer specifications are available on request.
- Cutting tools are **regrindable** without changing their tolerance and affecting their precision.

On what machines

The Polikey can be installed on conventional machine tools (lathes and drilling machines).



poliangolar[®]
broaching slotting tooling



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Web site: www.poliangolar.com

SLOTING TOOLS for CNC turning machines and Shaping machines



THE ACCURATE AND FAST SOLUTIONS OF
POLIANGOLAR



WHAT IS IT

Poliangular, a specialist in **slotting systems**, has developed this range of tools and inserts designed to meet customer demands and expectations. This new range offers advantages and benefits:

- Application for both **shaping machines** and for **lathes and CNC machines**,
- Resistant tools and **interchangeable inserts**
- Precision and speed in the execution of keyways

Tools for CNC machine and lathe



PLKIN inserts are made of **carbide with TIN coating**, unlike most commercially available inserts. This gives our inserts maximum resistance to compression and stresses that occur during machining.

Tools for Slotting machine



DOUBLE CUTTING EDGE

PLKDB Double Cutting Edge

inserts sizes:

mm 4-5-6-8-10-12-14-16-18-20-22 and over

Tool holder for Shaping machine



Our Double Cutting edge inserts are **compatible** with major brands.

H7/C11 tolerances are always available from stock, other tolerances on order.
Available upon request decimal sizes, in inches and over 22 mm.



KIT POLIKEY

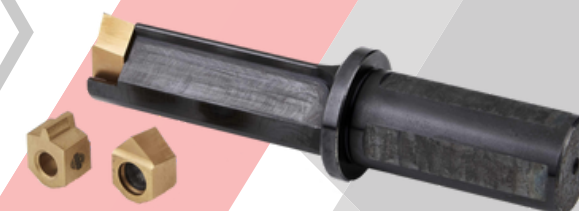
Tools and inserts are available in single units and in **Kit** both for conventional shaping machines and CNC machine tools.

Inserts and tool holders for keyways from 3 to 12 mm



PLKTD70

Inserts for **toothing up to module 5** suitable for lathe and CNC machines



Our special inserts are made upon **customer's drawing** or

according to the most common **standards**:

DIN 5480 from module 1,5 to 5 up to Z120

DIN 5481 up to diam. 150

DIN 5482 from module 1,5 to 5 up to 100x94

Double square from 20 to 80 mm

Double hexagon from 20 to 80 mm

Triple square from 30 to 100 mm

NF E22-141 from module 1,5 to 5 up to diam. 130

ANSI B92 from module 1,27 to 5

Cuna B129, SAE J500, and much more...

