

# KOMflex Precision adjustment head

The clever combined system with  
BLUM measuring stylus

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# KOMflex

Combined system with precision adjustment head and BLUM measuring probe technology



KOMET \ Performance

## Unique, automated compensation system

In conjunction with the BLUM measuring probe, the KOMflex enables automated diameter correction for precision holes in unmanned closed-loop operation. The KOMflex precision adjustment head communicates with the BLUM wireless machine equipment.

Compensation of cutting edge wear, e.g. in the case of steel

System usage

Temperature compensation, e.g. in the case of aluminium

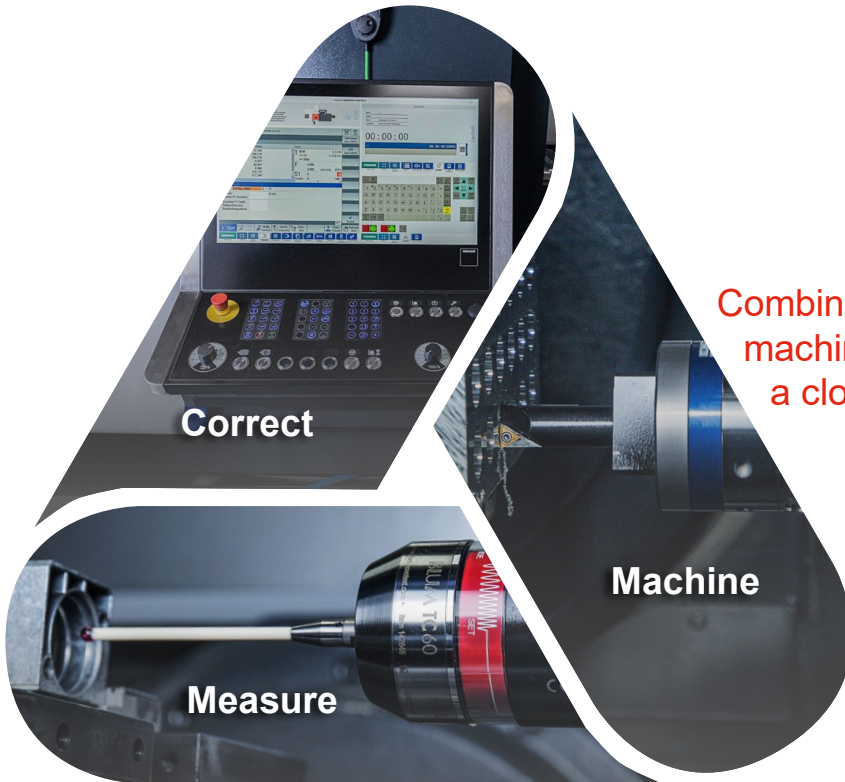
Are you interested in our KOMflex fine spindle head?  
Then send us your non-binding inquiry now!

Download the amortisation calculator\* now and find out how much money you can save with our KOMflex fine spindle head!

\* please note the following: available languages: German & English | deposited values are only example values



[cuttingtools.ceratizit.com/int/en/komflex](http://cuttingtools.ceratizit.com/int/en/komflex)




Combines the production steps from machining to quality assurance in a closed-loop system

**Advantages  
Benefits**

- ▲ **Automated production of precision holes**  
Thanks to closed-loop operation, the KOMflex guarantees process-secure machining, even in the case of unmanned operations.
- ▲ **Significant time savings**  
Thanks to automated measurement with the BLUM measuring probe and correction with the precision adjustment head.
- ▲ **Ensures the defined quality requirements for the workpiece are met**  
Thanks to accurate movement of the precision adjustment head for µm-precise machining with closed-loop operation.

**Technical data**

Positioning accuracy	2 µm in radius
Adjustment range	± 0.25 mm
Boring range	Ø 6 – 120 mm
Max. coolant pressure	30 bar
Outer diameter	63 mm
Height	100 mm
Max. RPM	4,000 rpm in centre position with optimum balancing
Combined tool interface	ABS 32 / dia. 16 mm / teeth
Interface	ABS 50
Protection class	IP67
Battery	2x AA 3,6 V SAFT LS14500



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