



*Product flyer*

Center hole grinding machine

**ZAMAG**



**ZSM-P-1000-SP150**

*with precision chuck  $\varnothing$ 150mm*

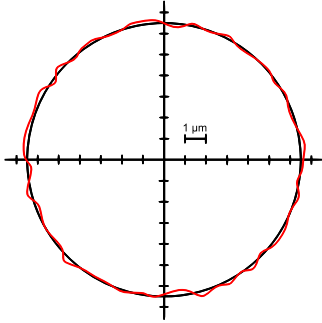


*swiss technology*

# One machine - Many advantages

## Highest precision:

The machine achieves a concentricity accuracy of 0.001mm

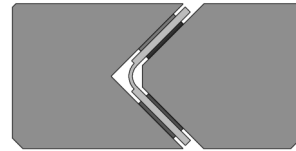


## You have the workpiece - We have the suitable machine:

Thanks to a lot of equipment possibilities the machine can be adapted exactly to your requirements and workpieces

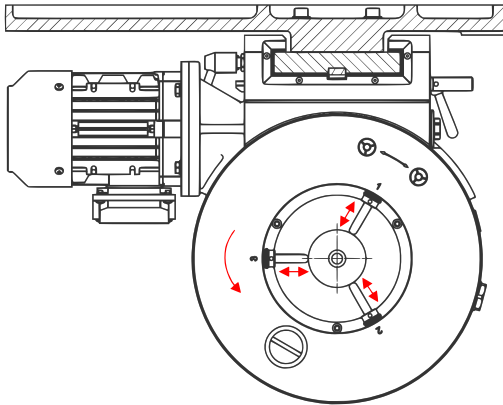
## Swiss quality:

- Stable cast iron machine base (stress-free)
- Carriage with roller guides



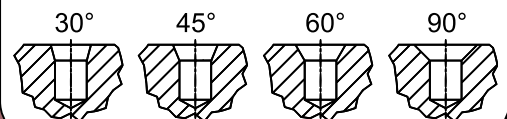
## Clamping of the workpieces in the chuck:

With the help of the three adjustable quills even workpieces with an inaccurate surface can be clamped and aligned



## Swivelling grinding head:

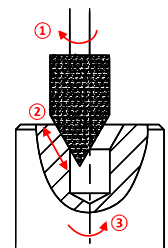
With the swivelling head the grinding angle can be adjusted between 0° and 90°



## With a lot of experience to the optimal result:

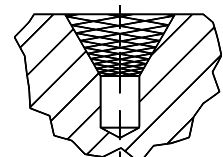
### Grinding principle:

1. rotary movement of the grinding wheel
2. stroke movement of the grinding wheel
3. rotating workpiece



### Result:

A cross hatch pattern with oil pockets that provides optimum oil retention in the center holes



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