

# newsletter

## Skiving system

For tight tolerances and superior surface finishes:

## The Schwanog Skiving system!



Skiving is a special application for the manufacture of precision parts.

Wherever, particularly tight tolerances are required while holding highest surface finish qualities, the new Schwanog skiving system offers outstanding advantages. The working principle of skiving resembles that of the shave tool / shaving application, however skiving does without counter rollers and counter guidance and can consequently also be installed on single spindle and CNC machines.

Skiving with the Schwanog's insertable tooling system offers the following five advantages:

- Faster tool change-overs
- Highest repeatability
- Superior surface finishes
- Vast reduction of part costs
- Achievement of tightest tolerances



**OD Grooving:**  
PWP-System.  
Cutting widths from 9–33 mm for use on all lathes.



**ID Grooving:**  
PWP-System: Radial and axial plunging of ID's > Ø15 mm for use on all types of lathes



**Shave tools:**  
For machines with small capacity/diameters



**Form Drilling:**  
Form Drilling with PWP insertable form tool system



**schwanog**  
**CHAMPION**  
**2011**

PERFORMED AND EXAMINED  
IN THE SCHWANOG  
TEST LABORATORY

**65%**  
FASTER

Check out our new video comparison:  
Single point turning vs. Plunge cutting:  
[www.schwanog.com/champion](http://www.schwanog.com/champion)

More information on:

- External turning
- Internal grooving
- Thread whirling/  
Thread milling cutter
- Polygon turning
- Shave tools
- OD grooving for rotary  
transfer machines
- Serration (Broaching) tool
- Form drilling
- Selector systems

For further information, contact us at:  
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If you wish to receive information regarding  
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Welcome to Schwanog!

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