

Form drilling with Schwanog:

ACHIEVE MAXIMUM PRODUCTIVITY!



Part specific, individually manufactured:

Solid carbide drills
Insertable form drills

Schwanog.
The Cost-
cutter!

www.schwanog.com

SCHWANOG

Drilling at its best!

WITH THE WORRY-FREE FORM DRILL PACKAGE FROM SCHWANOG!

Anyone looking for maximum part cost reduction should consider contacting Schwanog. With the introduction of solid carbide drills we are offering, both solutions individually manufactured to drawing, insertable form drills and solid carbide drills!

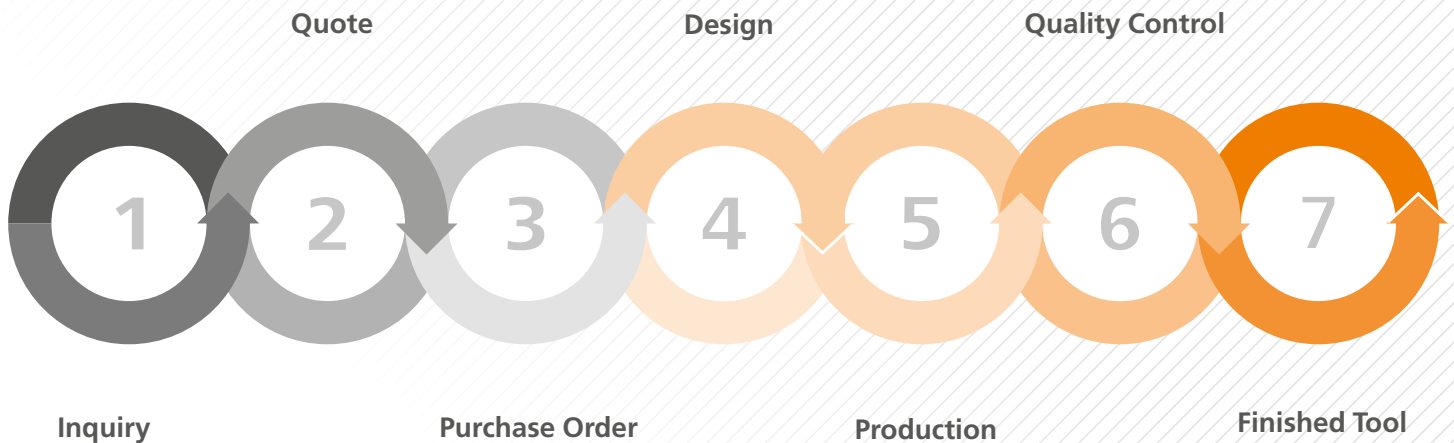
In cases where bore tolerances $\geq \pm 0.02$ mm are sufficient, Schwanog recommends insertable form drills as the need to adjust the drill during tool changeovers is eliminated as well as coating cost are significantly lower when compared to a solid carbide drill.

If bore tolerances $\leq \pm 0.02$ mm or larger drilling depths are required, Schwanog offers solid carbide form drills which are individually ground according to drawing and available in almost any design and coatings.

Our worry-free promise:

Simply send us your part drawing and we will recommend the best technological and economical solution: Either with solid carbide drills or with insertable form drills.

Form drilling with Schwanog: THE FASTEST WAY TO PART COST REDUCTION!



Schwanog. The Cost-cutter!

Schwanog Solid carbide drills:

EVERY TOLERANCE AND CONTOUR MANUFACTURED ACCORDING TO DRAWING!

NEW!



Technical facts:

- ❑ Solid carbide drills are available in almost any design and coatings.

Accuracy:

- ❑ All precision parameters can be achieved reliably and checked by highly advanced measurement equipment.

Your benefits:

- ❑ Effective immediately, we can offer a complete range of solid carbide and insertable form drills.
- ❑ Depending on the requirements, we are able to realize the perfect tooling solution for you to achieve maximum efficiency and precision.

Schwanog Insertable form drills:

THE MOST PRODUCTIVE FORM OF DRILLING!



Technical Facts:

- ❑ Insertable drills up to 28mm in width
- ❑ Maximum bore diameter up to 28mm
- ❑ For use on any lathes, mill and drilling centers

Repeatability:

- ❑ < 0,02 mm

Your benefits:

- ❑ Part cost reduction of up to 40 %
- ❑ Need to adjust drill during tool changeovers is eliminated.
- ❑ Significantly lower coating costs as only the insert must be coated.
- ❑ Insertable drills are more economical compared to solid carbide drills.

Our mission:

REDUCING COSTS IS OUR JOB!



OD Grooving



OD Grooving for rotary transfer machines



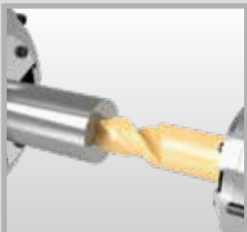
ID Grooving



ID Grooving and turning with WSI



Form drilling



Solid Carbide drills



Shave Tools



Skiving Tools



Polygon turning



Broaching of Serrations



OD Whirling



ID Whirling Tools (Thread Mills)



Parts selector



Schwanog · Siegfried Güntert GmbH

Niedereschacher Str. 36 · D-78052 VS-Oberschach
Tel. +49 (0) 77 21 / 94 89-0 · Fax +49 (0) 77 21 / 94 89-99
www.schwanog.com · info@schwanog.com



Schwanog LLC

1301 Bowes Road, Suite A · Elgin, IL 60123
Phone: 847-289-1055 · Fax: 847-289-1056
www.schwanog.com · info.usa@schwanog.com



Schwanog France

ZAC des Léchères · 65 Clos de l'Ouche · F-74460 Marnaz
Tel. +33 450 18 65 16 · Fax +33 450 18 47 75
www.schwanog.com · info.france@schwanog.com



Schwanog Indexable Form Tools (Kunshan) Co. Ltd

German Industry Park II · #329 Jujing Road
215321 Kunshan, Jiangsu Province
Phone: 0512 8788 0075
www.schwanog.com · info.china@schwanog.com



Schwanog · Siegfried Güntert GmbH

CZ-68201 Vyškov
Tel./Fax: +420 517 351 740 · Mobil: +420 739 257 060
www.schwanog.com · ludvik.sochor@schwanog.com



Schwanog · Siegfried Güntert GmbH

PL-05-410 Józefów
Tel: +48 606 177 025 · Fax. +48 22 610 07 45
www.schwanog.com · lukasz.kucinski@schwanog.com



Schwanog · Siegfried Güntert GmbH

SE-33376 Reftele
Phone +46 734 472 100
www.schwanog.com · jonas.lund@schwanog.com



UBR SRL

Viale Italia 95 · 25064 Gussago (Brescia)
Phone +39 030 2520842 · Fax +39 030 2521481
www.ubr.it · ubr@ubr.it