



Insertable Form Tool Systems



Internal grooving with custom indexable inserts: The highly productive Schwanog WPI system!

The WPI system was developed by Schwanog to specifically cover applications with bore diameters from Ø12 to Ø18. We thus offer you a complete range comprising several systems that meet all technological requirements for internal turning from Ø1 upwards.

We have developed a dedicated interface for the WPI system to deliver four key benefits.

■ HIGH CHANGEOVER ACCURACY

Due to an insert-to-insert center height tolerance of $\pm 0.015\text{mm}$

■ HIGH STABILITY

Due to precise form and force fit

■ SIMPLE, USER-FRIENDLY HANDLING

Because the inserts can only be clamped in the correct orientation

■ INTERNAL COOLANT SUPPLY

To increase tool life

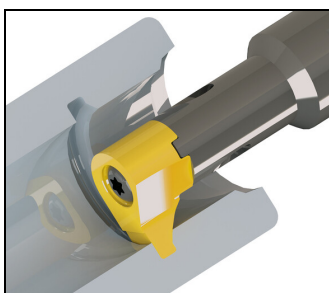
Performance in a nutshell:

Wherever standard tools can no longer fulfill workpiece-specific requirements, Schwanog offers the optimal solution!

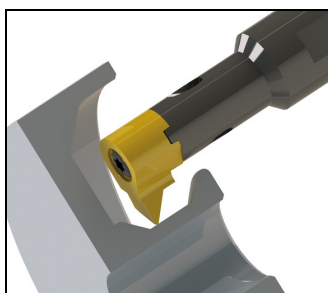
SCHWANOG SYSTEMS FOR INTERNAL TURNING AT A GLANCE:

- WSI system: Ø1 to Ø12mm
- WPI system: Ø12 to Ø18mm
- PWP, DCI and WEP system: from Ø18mm

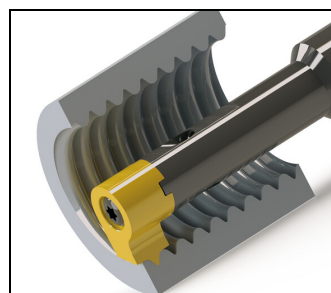
CUSTOMIZED APPLICATIONS



Form Grooving



Single-point turning



Single-point threading