

# **H** Inserts precision ground for fineboring tools and cartridges

## ...efficient

**The core part of our tools are the indexable inserts. The applied cutting grades and coatings fulfil the latest requirements from the market and ensure a cutting performance and tool life on the highest level.**

The combination of the precise pocket seat, the robust clamping element and the precision ground insert is the optimum basis for a smooth cut, perfect chip control and as a result of this an excellent surface finish on the workpiece. The geometries of our standard inserts are designed for a wide range of applications. By selecting the right chip breaker geometry also difficult to machine materials as well as materials with a tendency to long swarfs can be securely machined. A help for selecting the right combination of cutting grade, coating and cutting edge geometry for your specific application you will find in the table on the opposite side. Our application recommendations on the pages 76 to 77 give additional information for the efficient use of the tooling.

**The good availability from stock of our standard inserts supports you in saving costs and reduces your capital investment.**

Beside our standard program we also offer you additional cutting grades and geometries on request. Especially tailor made wiper geometries lead in many cases to a better surface finish, higher feed rates along with constant high precision and reduced machining times.

**Just another example how we can support our customers increasing their productivity!**

**An additional possibility to solve difficult machining tasks is the use of form inserts.**

Tight workpiece tolerances and complex geometries can be easily integrated in a form insert and grant a perfect machining result.

Some examples for possible applications you will see on page 93.

