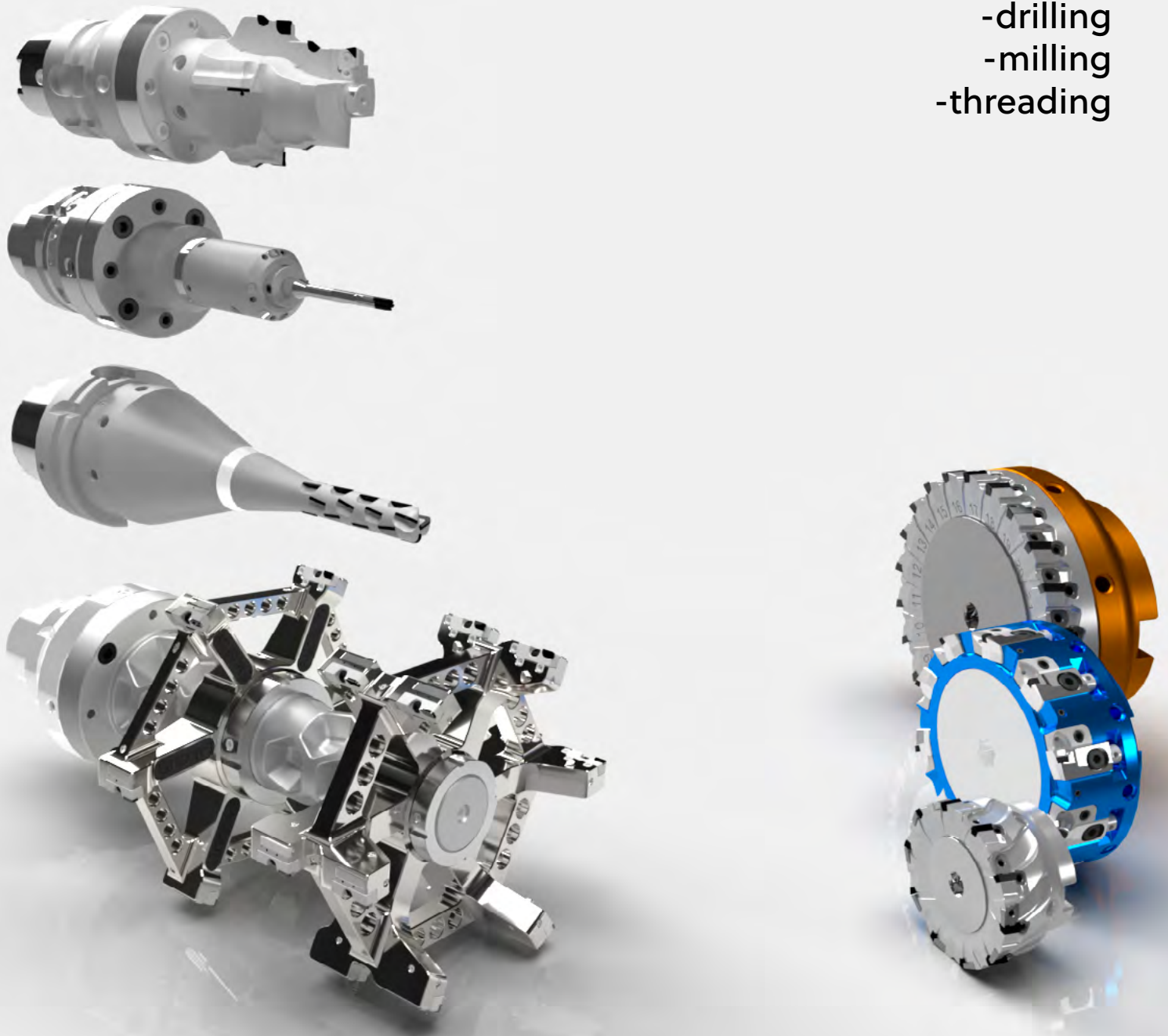


2020

CUSTOMIZED ADVANCED CUTTING TOOLS

- fine boring
- reaming
- drilling
- milling
- threading



Precision cutting tools





Turbo compressor.

The full machining process
of turbo-compressors
with PCD tools.

Turbine housing machining process with
PCD fine reamers + grooved coupling
sleeve processed by a special PCD
interpolating milling cutter.



Suspension knuckle.

Fully developed machining process of knuckles.

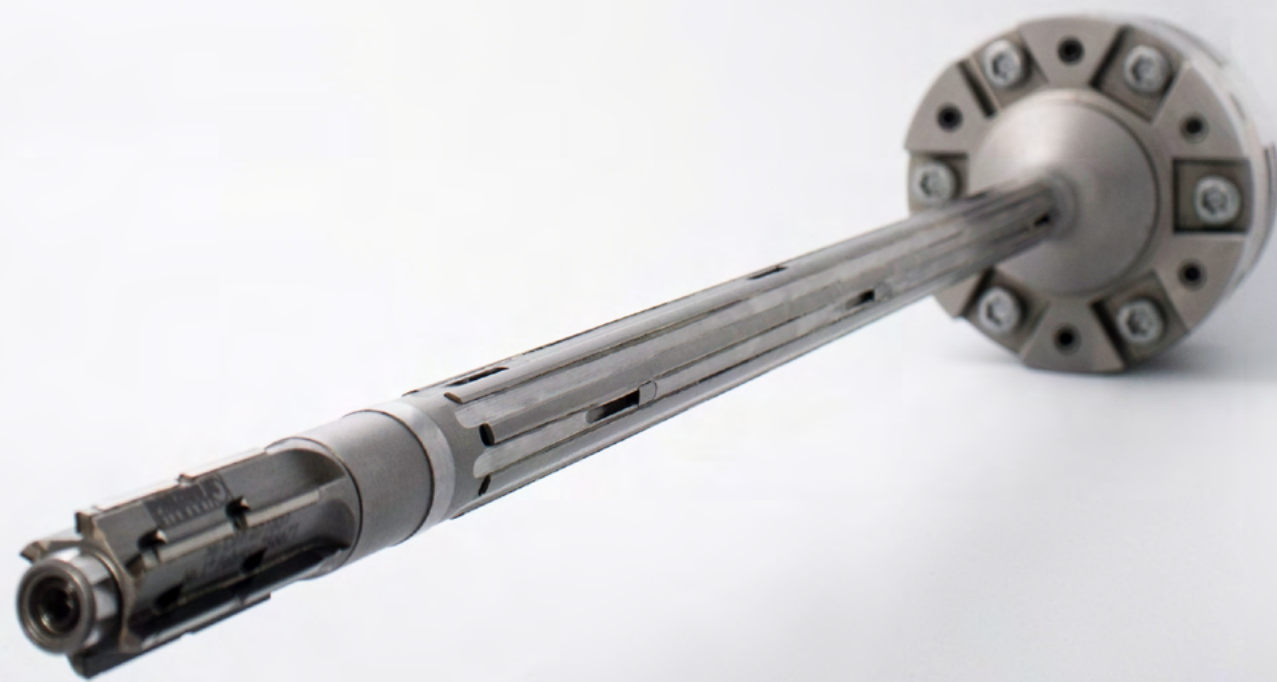
Complete set of high performance PCD tools for doing all kind of applications on Aluminum suspension knuckles; Drilling, fine reaming, interpolating milling, disc milling, back boring, etc.....



Cylinder heads.

Complete machining process of Aluminum cylinder heads.

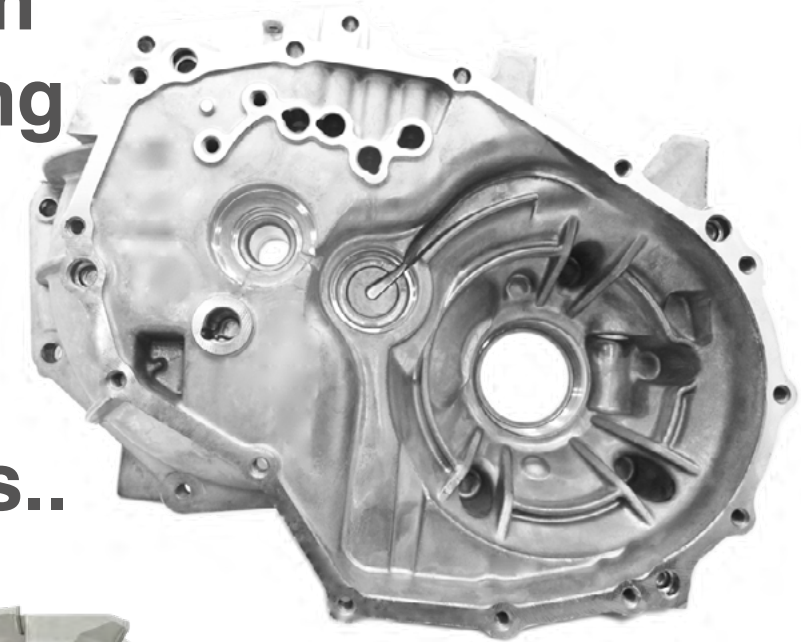
High precision PCD drilling and fine boring for rough and finishing operations of aluminum cylinder heads. Fully developed solutions for Parent bore, Valve seat & guide, tappet tools, cam bore pilot and line boring tools, sparkplug, etc.....



Gearbox & Transmission housing .



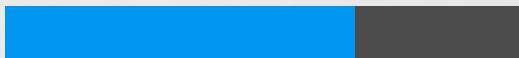
PCD high precision
milling & fine boring
tools with multiple
tool combinations
for an effective
machining process..



High performance circular milling solutions.

Big range of multiple solutions for side, face and profile circular milling applications with High Performance PCD tools.

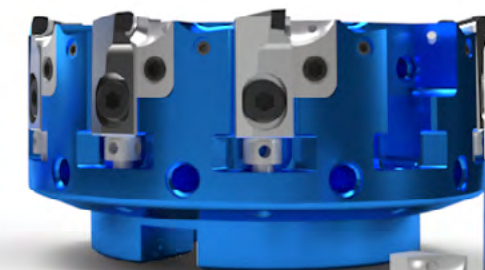
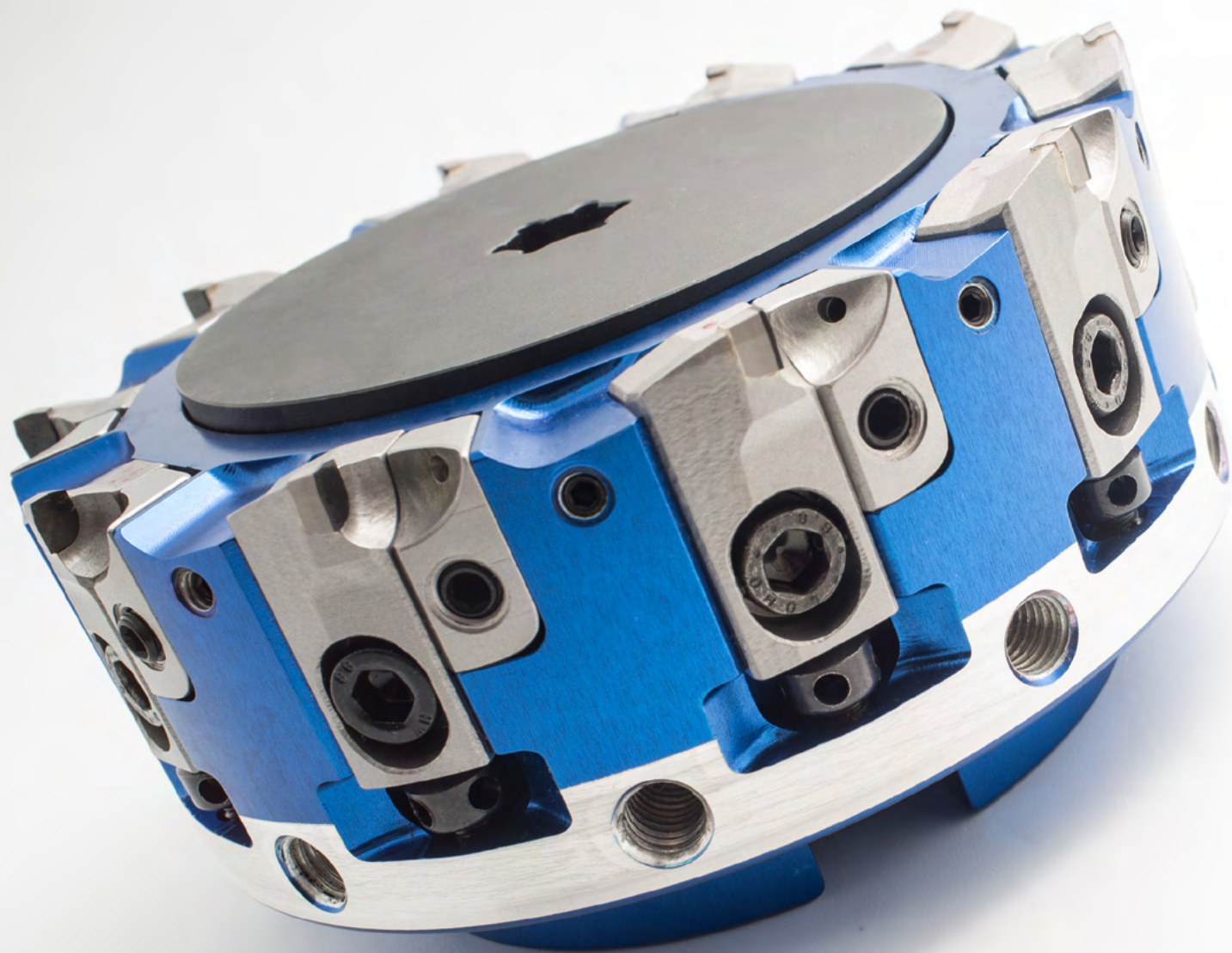
Circular HP milling cutters.



Face milling.

**Brazed & cartridge HP
face milling heads.**

Fine adjusting for PCD cartridge
milling heads and brazed PCD
milling head solutions for
extremely high feeds.

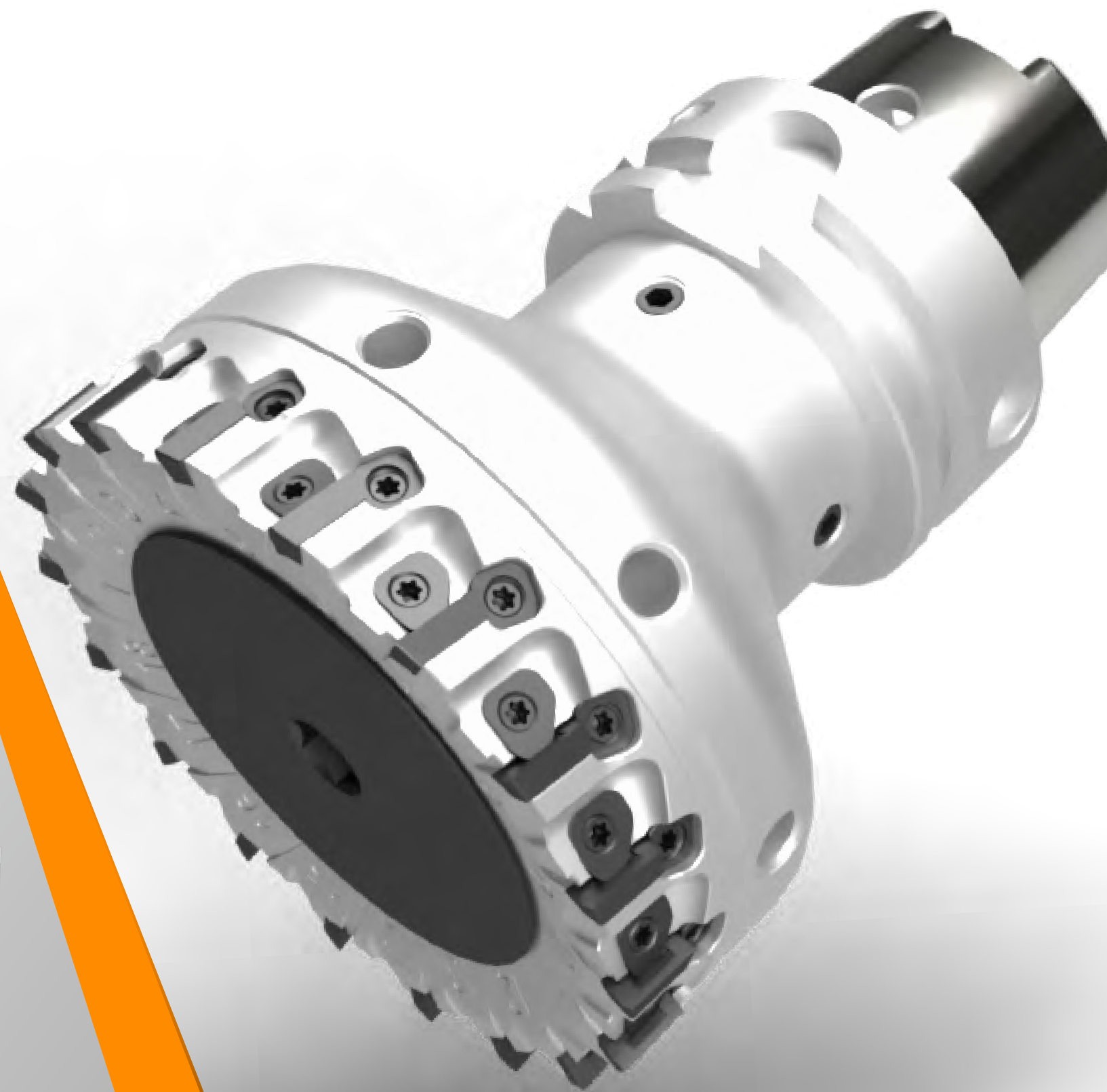
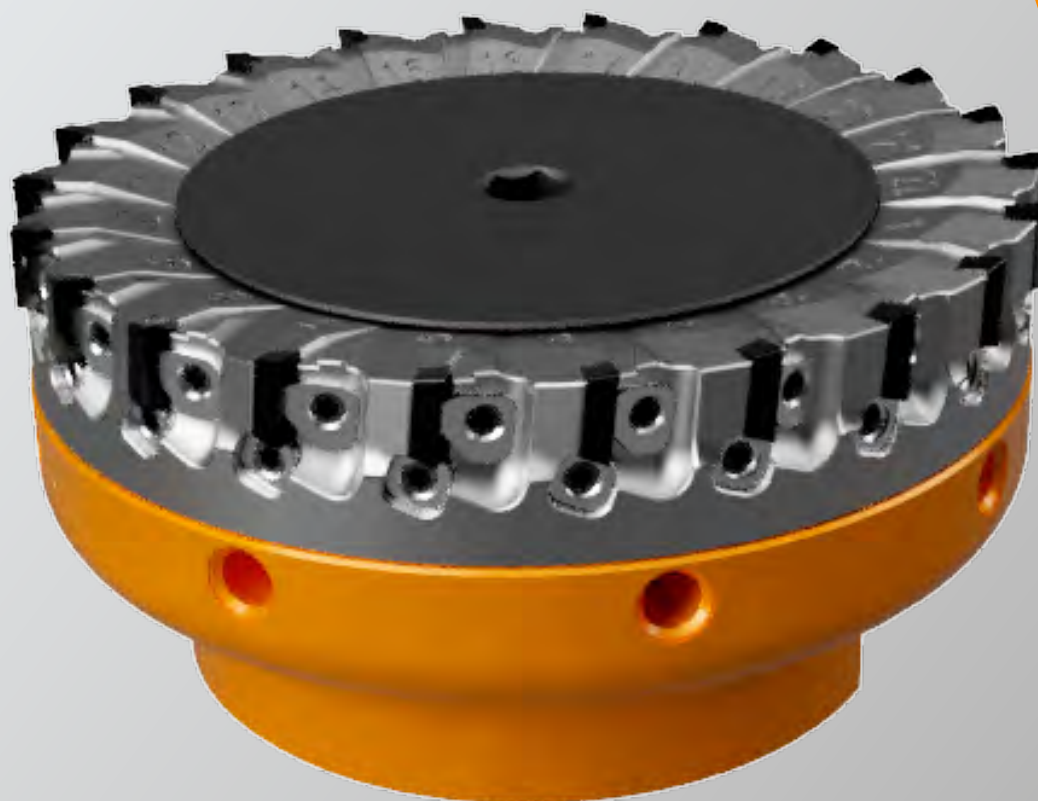


K_MILL

Face mill.

A new concept in direct blade clamping HP face milling heads.

HP face milling heads with fine full face PCD blade adjustment, the new face mills concept designed to achieve more efficiency in handling due to its friendly use clamping and adjustment system and high performance during working operations. milling head solutions for extremely high feeds.

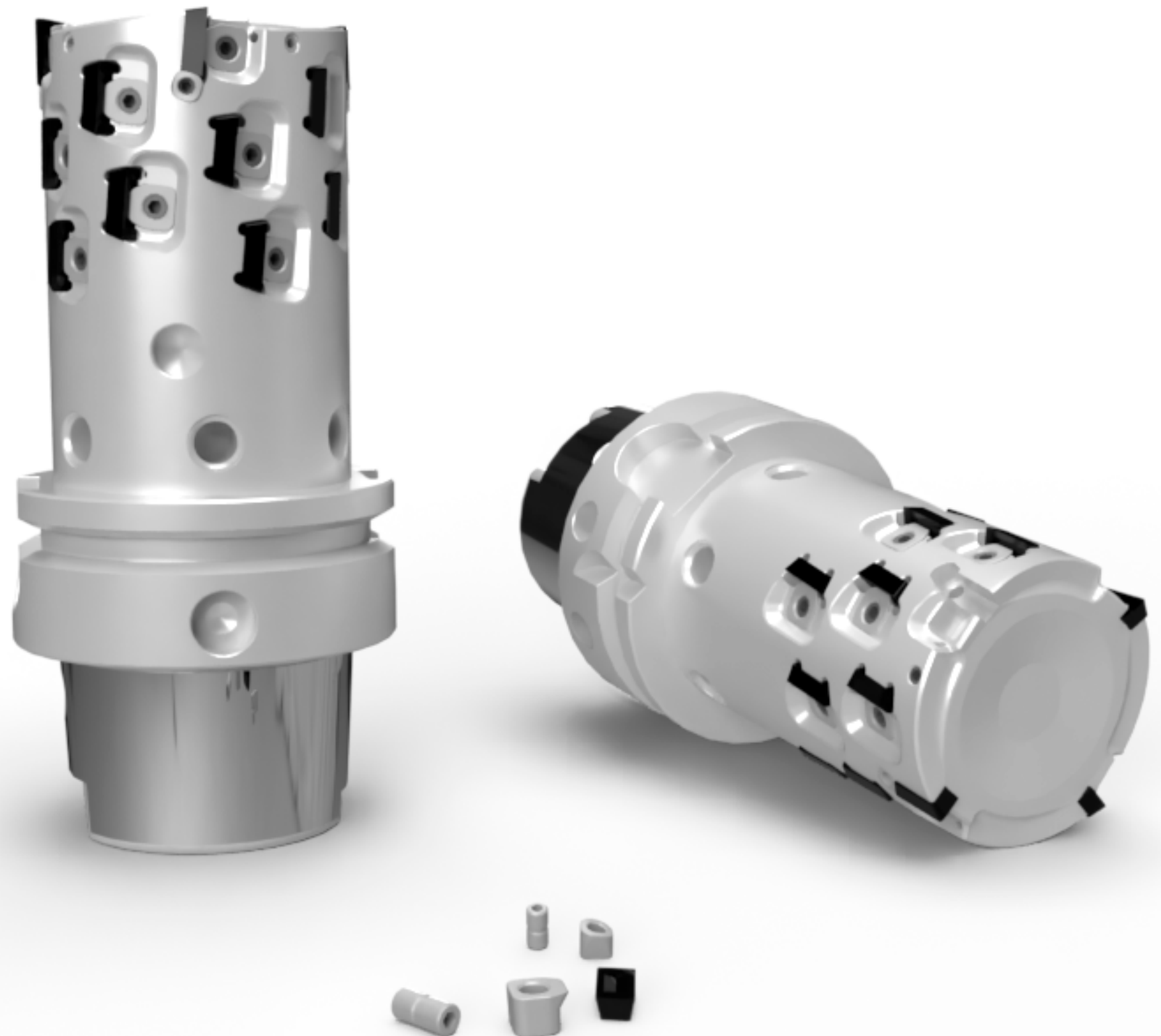


KINETIC

Based on the K-Mill system, Preziss presents a new cutter with interchangeable inserts.

The KINETIC achieves, at least, the same performance as the traditional braze welded cutters, improving two aspects that the customer appreciates:

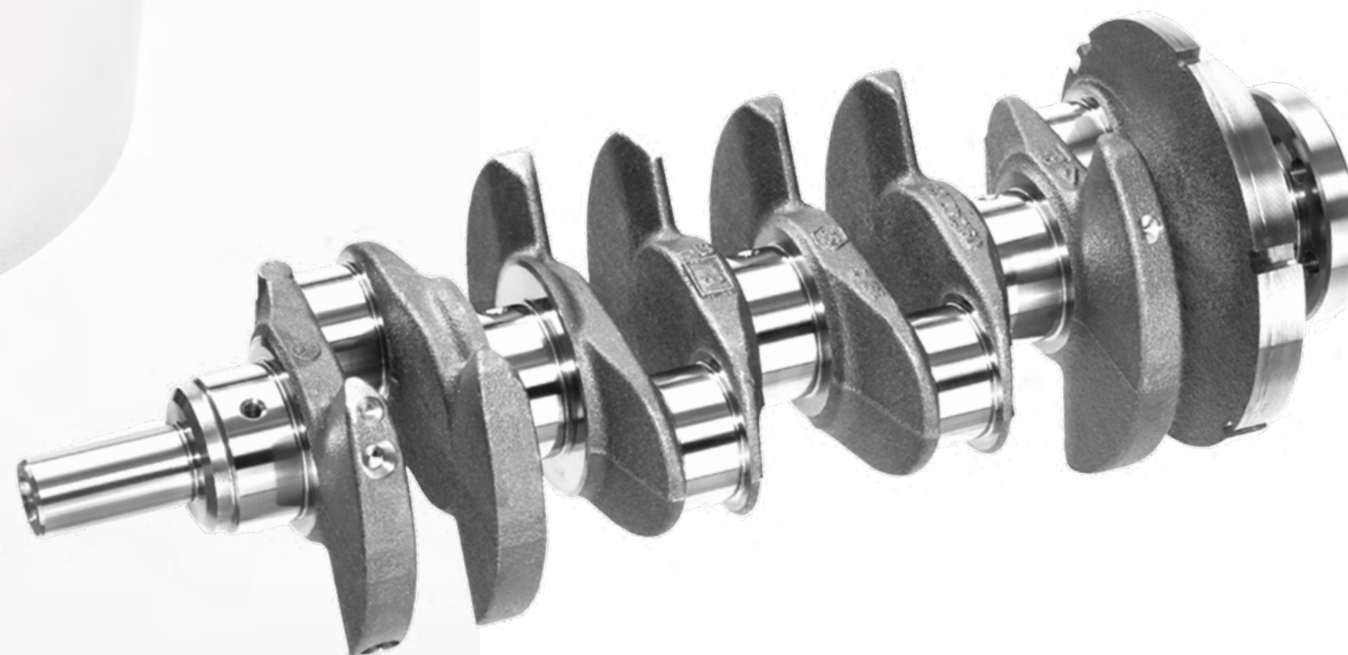
- Using interchangeable inserts, the cost of regeneration is minimized. Furthermore, the inserts are reversible.
- The axial adjustment of the front inserts guarantees a optimal finish and prolongs tool life.



ISO _ Element tools. Crankshaft.

**Special precision
boring tools with
ISO elements.**

Flexible precision boring systems
with fixed and sliding elements in
special applications in aluminum,
grey cast Iron, steel,





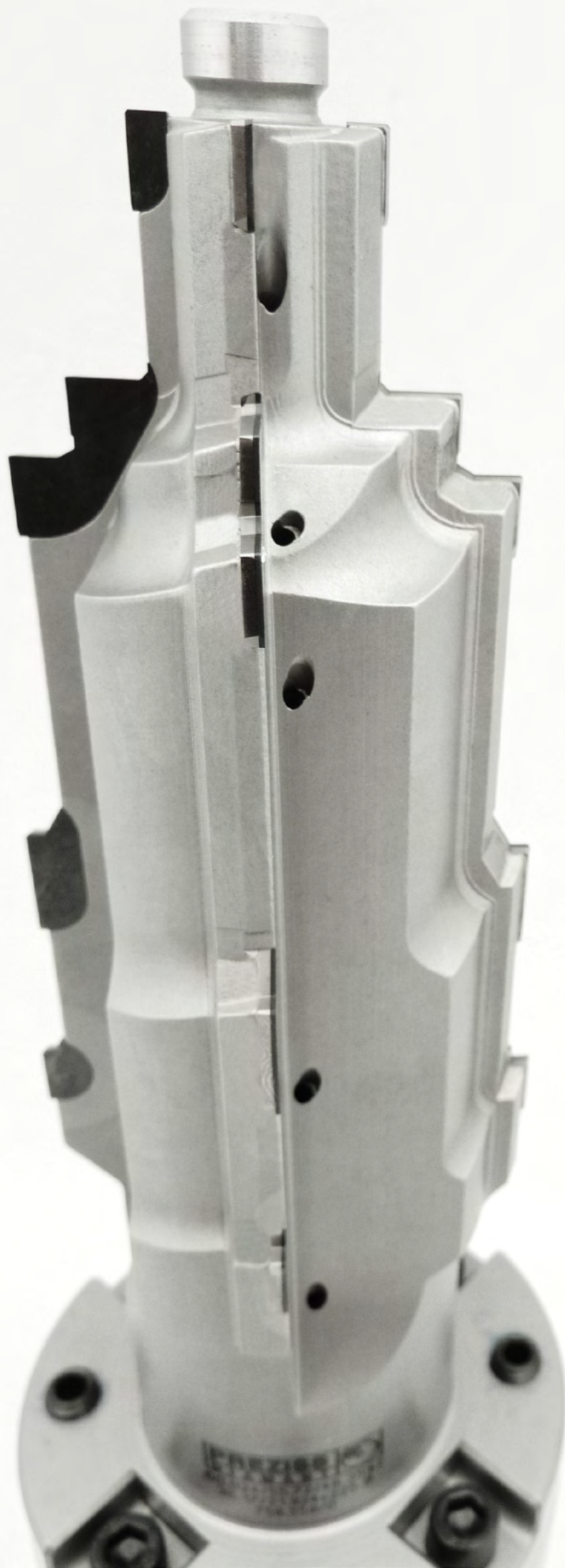
SUSTAINABLE SOLUTIONS

Advanced Materials for a
new generation of
reliable machining
automotive parts.

PCD fine boring.

**Precision PCD
fine boring tool
solutions.**

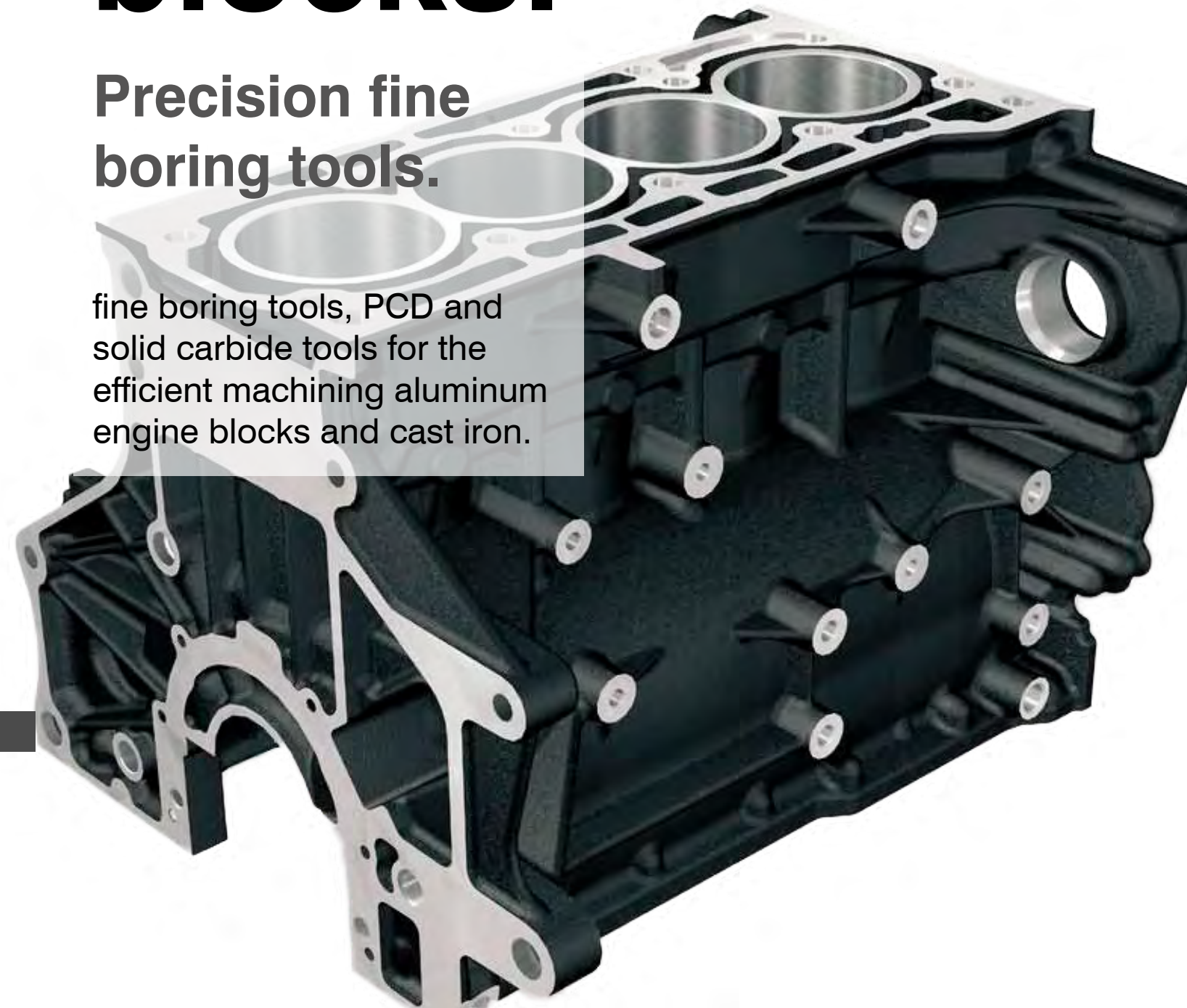
All kind of special boring and
reaming tools, with different stepped
solutions and combinations for
processing precision holes.



Machining engine blocks.

**Precision fine
boring tools.**

fine boring tools, PCD and
solid carbide tools for the
efficient machining aluminum
engine blocks and cast iron.



Flex-ream Hybrid-ream

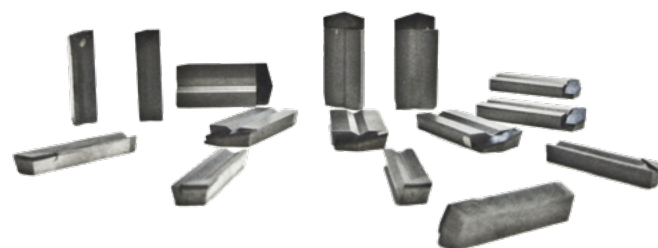
High precision
Flexible reamers.

Modular reaming system with micro
adjustable & replaceable inserts in
assorted materials:

PCD
Carbide
Coated carbide
Cermet
CBN



Hybrid reamer system



Flex reamer system





Micro_reamer.

Small Ø PCD reamers.

Small diameter PCD reamers,
from Ø3.0mm to Ø10mm diameter
range with 4 and 10 flutes.
High performance PCD
reamers now also available
for small diameter holes.

New technologies deliver enhanced
performance, improved efficiency and
higher productivity.

Ø3mm a Ø10mm
Z=4 a Z=10



tool families and groups.

Machining systems
depending on application.



Special tools cutting and reaming.



milling tools.



Fine boring tools.



threading tools.



drills.



boring tools with ISO elements



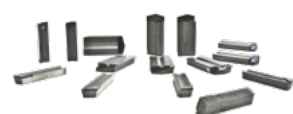
customized cutting tools with ISO elements.



bell cutting tools for external machining.



solid carbide cutting tools.



blades and ISO inserts



tooling systems.



face milling cutters.



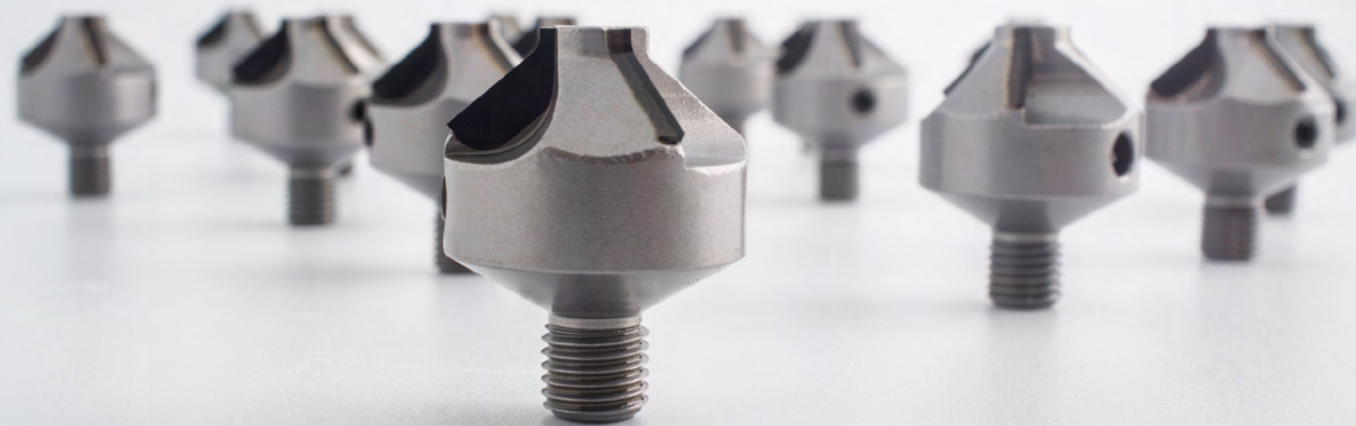
turning tools.



cutting tools for grooving.

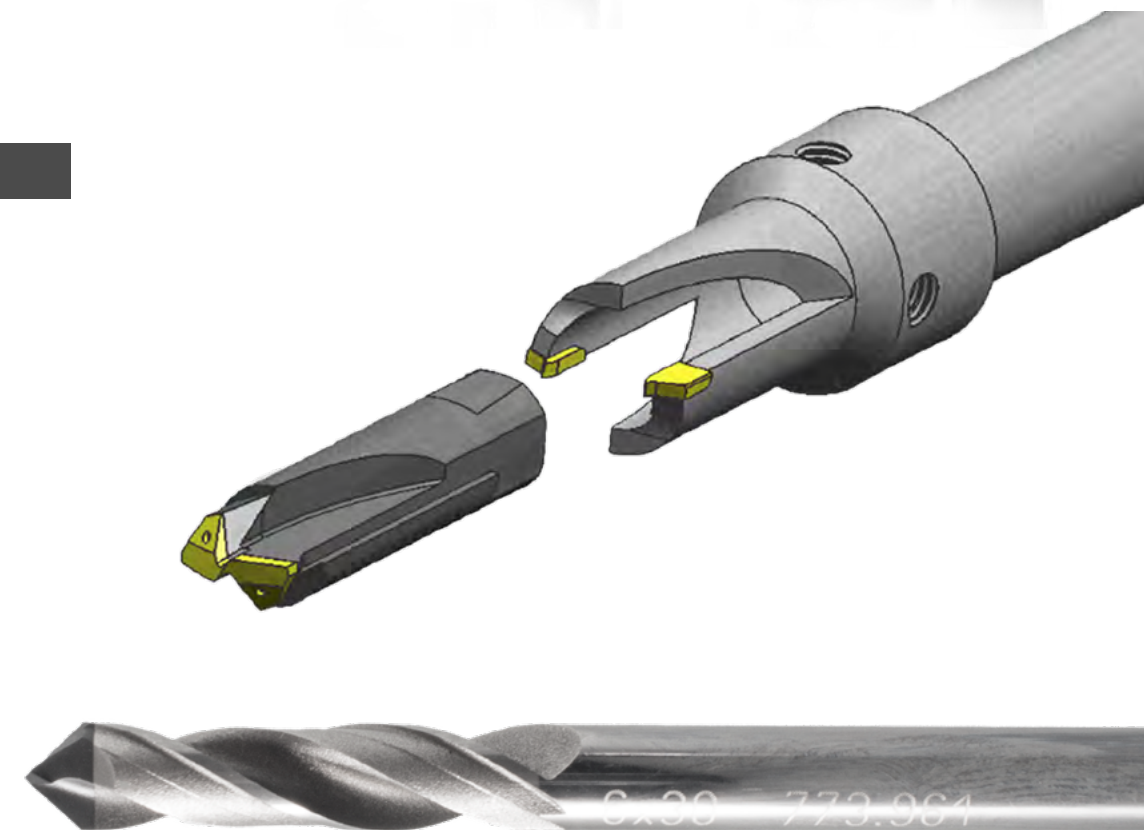


Aerospace.

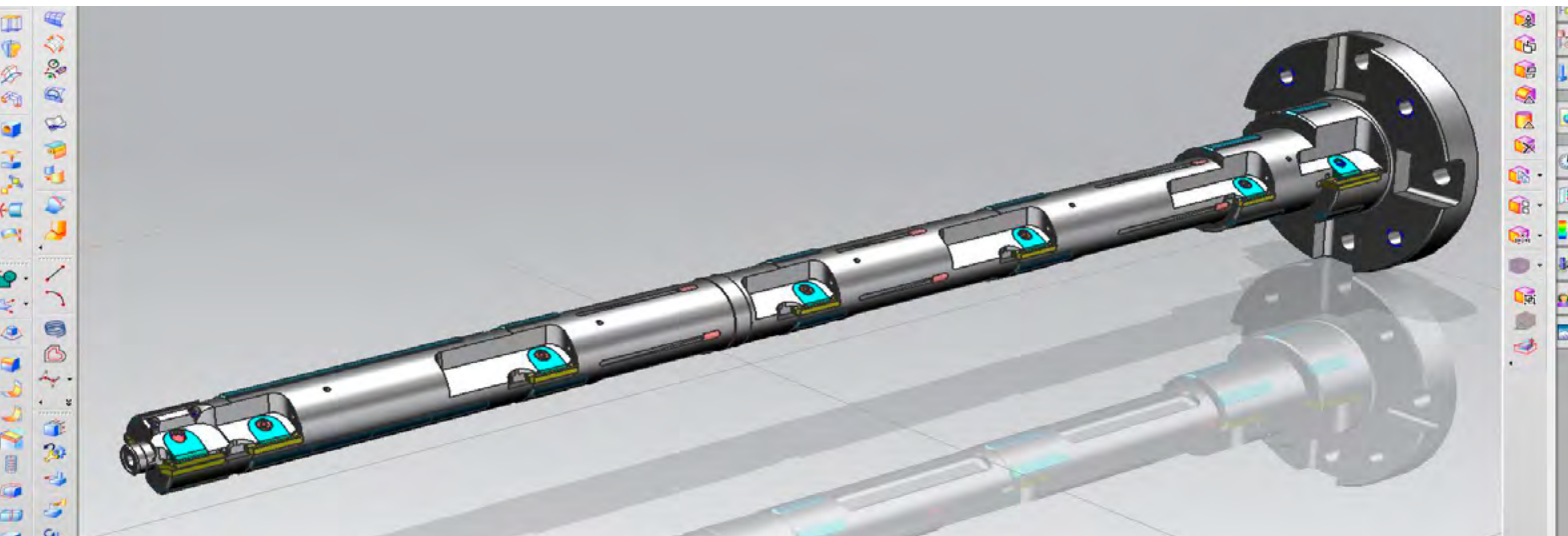


PCD tools for composite materials.

Special tools, countersinks, drills, end mills & reamers for special, light and resistant materials like CFRP & GFRP.

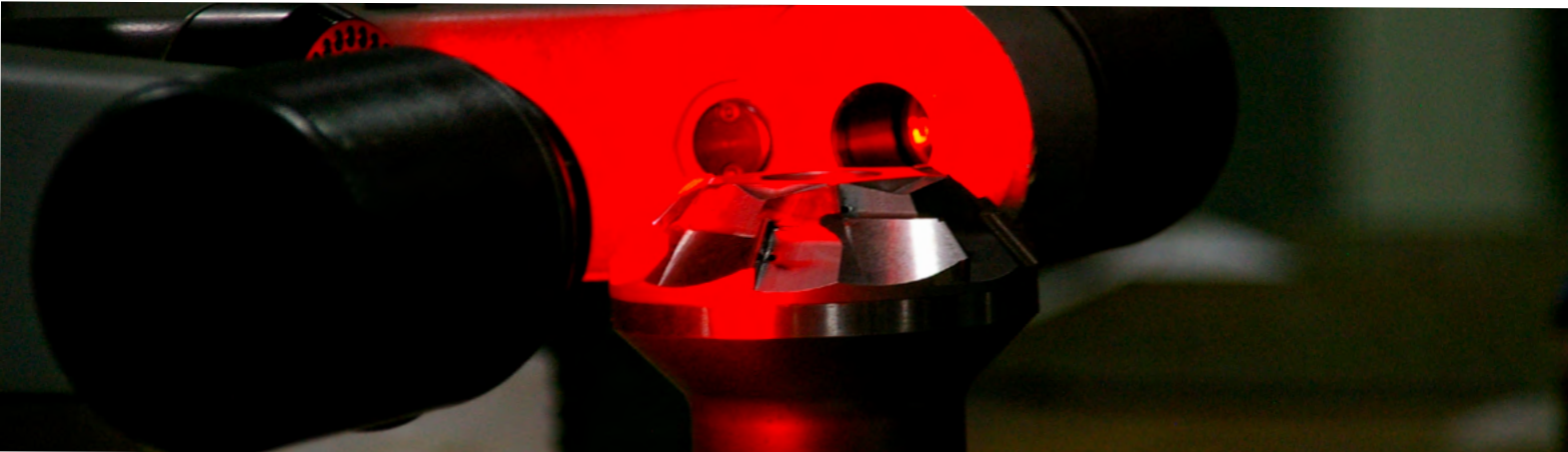


Process engineering and project development.

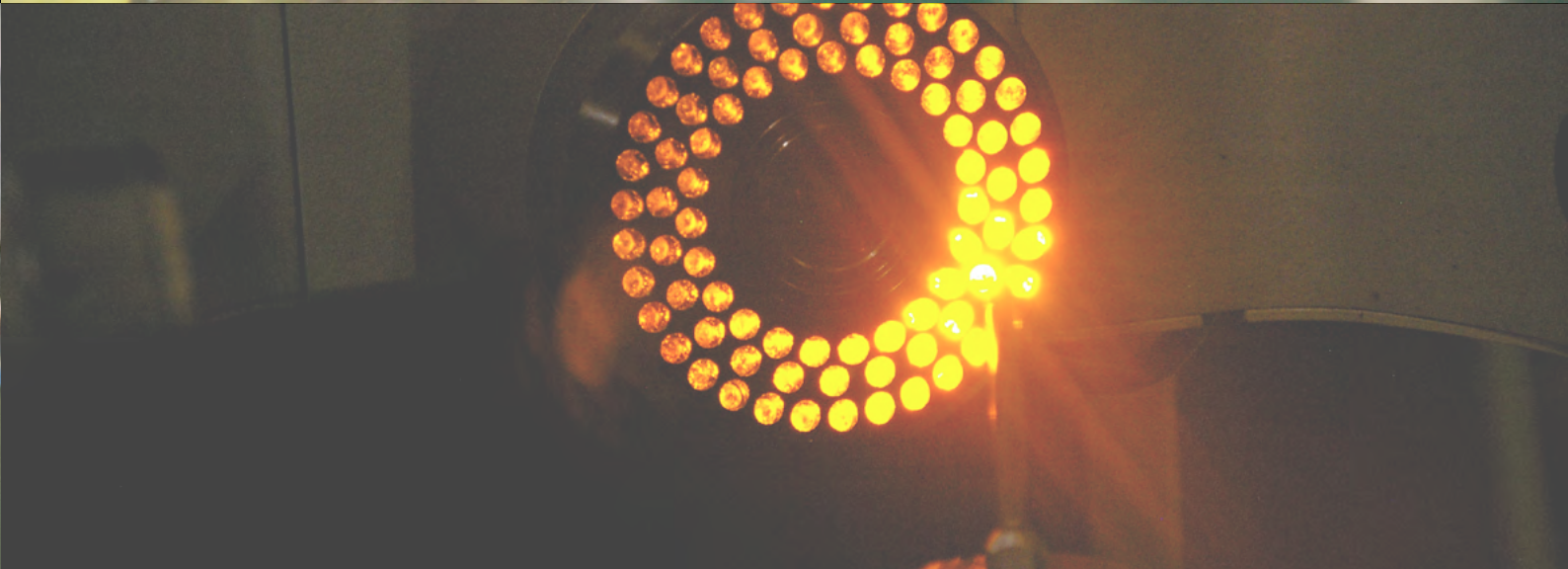
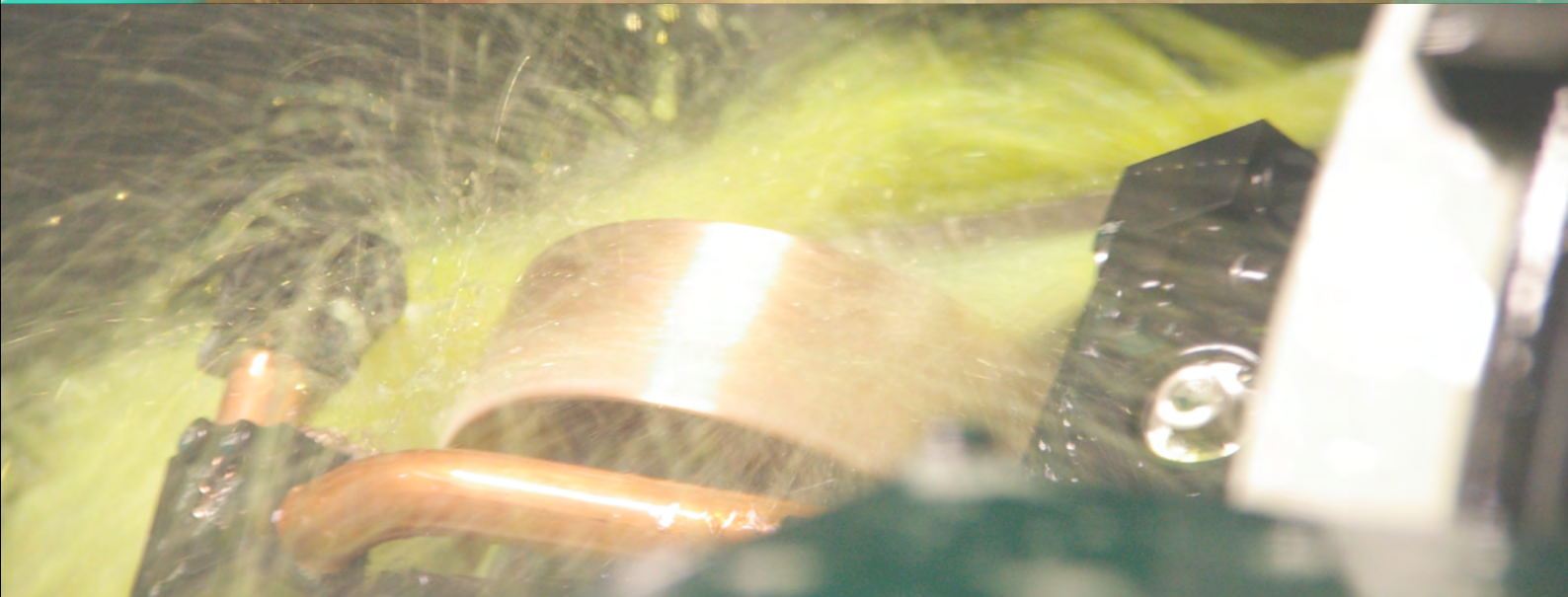


Design of customized solutions with PCD, Carbide & advanced materials.

Fast and agile after-sale service.



Repair & resharpening of precision tools.





Herramientas Preziss S.L.
Polígono industrial "Les Pedreres"
nave - A1 Riera de Sant Jordi
08390 - Montgat - Barcelona (Spain)
Telefono: (+34) 93 469 03 51
Telefax: (+34) 93 320 39 03
preziss@preziss.com
www.preziss.com

