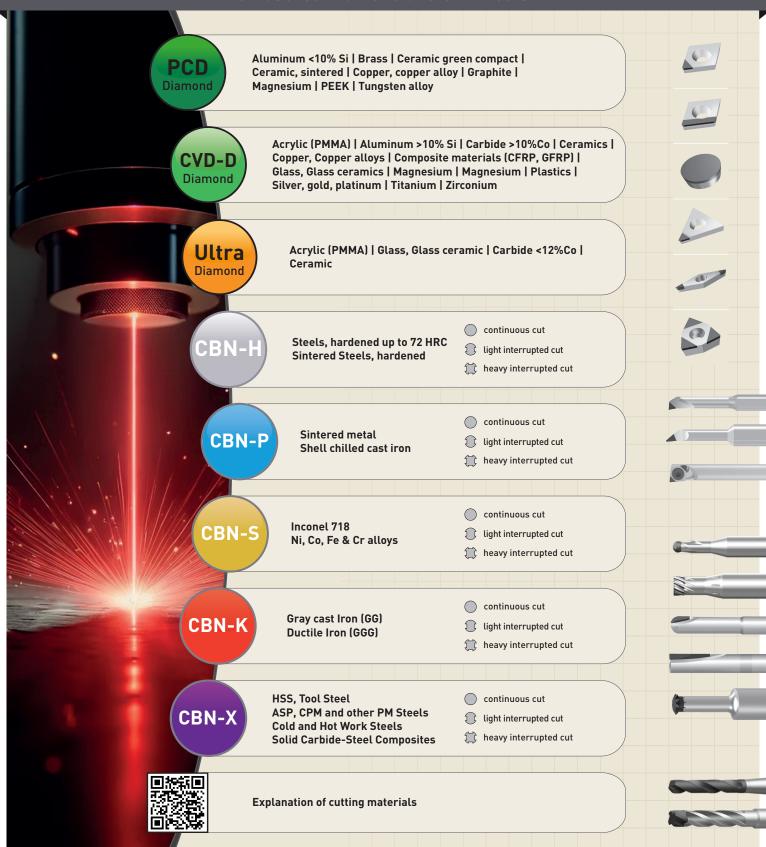
Diamond Tooling Systems





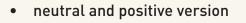


Lasered diamond indexable inserts

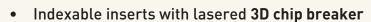










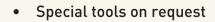






















Catalog 02

CBN indexable inserts



• 12 different CBN grades available from stock



For continuous to heavily interrupted cuts



Sharp and wiper cutting edges available



Lasered 3D chip breaker available on request



Special tools on request















Brazed boring bars

Ø 1.00-9.00 mm

MiniTools with insert holder

Ø 3.50-11.00 mm

Boring Bars MiniTools with indexable inserts

- Brazed boring bars for internal machining
- For turning and spindle machining
- MiniTools with laser-cut, exchangeable, multi-edged indexable inserts for internal machining
- Standard adapters and hydraulic expansion holders available from stock
- Special tools on request

Clamping adapters and hydraulic expansion holders













Laser Cut



Catalog 04

End mills with brazed cutting edge

Ø 0.90-20.00 mm

Multi-tooth cutter

Ø 1.00-10.00 mm

Solid PKD Corner end mills



Ø 0.40-6.00 mm

Mini End mills with CBN solid cutting edges

Ø 0.20-12.00 mm

End mills with insert holder



Ø 10.00-25.00 mm

End Mills

- Lasered End Mills from Ø 0.20-25.00 mm
- Corner-, Ball Nose-, Multi-Tooth- and PCD/CBN Solid **End Mill**
- Optimized, robust design for machining carbides, ceramics, and brittle hard materials
- Straight and twisted cutting edges
- Multi-tooth end mills from Z1 to Z55
- Special tools on request















End Mills



Ø 10.00-25.00 mm

Screw-in milling cutter with carbide extensions



Ø 10.00-42,00 mm

Face, Shoulder and Copy Cutters







Ø 15.00-120.00 mm

Adjustable Cartridge Milling Cutter Ø 50.00-400.00 mm



Milling systems with milling inserts for roughing and finishing

- End Mills with lasered indexable inserts
- Face, shoulder and copy milling cutters
- Screw-in milling cutter with conical and cylindrical carbide extensions
- Flexible milling cutter systems with adjustable cassettes in steel and aluminum versions
- Lasered multi-edged milling inserts in diamond and CBN - AOEX, CPGW, RDHX, RPGW, SPGW, SNGN
- For standard and high-speed machining















Catalog 06

MICRO - Line Grooving width 1.00 - 2.00



ECO - Line Grooving width 2.00 - 6.00



Grooving systems

- Stable grooving system from width 1.00-6.00 mm
- Suitable for grooving, grooving turning, and parting-off
- Multi-tooth lasered grooving inserts
- Form grooving tools also available
- Special tools and lasered 3D chip breaker on request











CBN-K







Threading Tools

Solid PCD Thread milling cutter



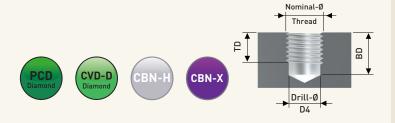
M3 - M6

PCD Thread milling cutter edge tipped



M8 - M12

- Thread milling cutter with corner inserts or solid head
- from Z5 to Z10



Catalog 07

CBN Coat Drills



Ø 2.00-12.00 mm

Solid CBN Reamers



Ø 1.50-6.03 mm

CBNCoat Drills Solid CBN Reamers

- CBNCoat Drills for hard drilling up to 68HRC, from Ø 2.00-12.00 mm, in increments of Ø 0.10 mm
- CBN Reamers for hard reaming up to 72HRC, from Ø 1.50-6.03 mm, in increments of Ø 0.01 mm and 0.10mm





Special solutions on request

Special tools





- Intelligent combination tools
- Tools with chip breakers adapted to the process possible
- Tipping of base bodies provided with diamond or CBN cutting materials
- First design of special tools and processes

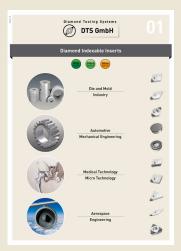
Product groups

01 Diamond Inserts

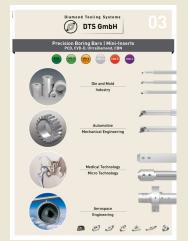
02 CBN Inserts

03 Presicion Boring Bars

04 Diamond | CBN End Mills











to the catalogs





DTS Online Portals

05 Diamond | CBN Milling Systems

06 Diamond I CBN Grooving Systems

07 Drills Reamers

08 Tool Holders







