Special tools

PCD tipped single flute/twin flute gundrills and form boring tools are also available.



Step and form boring tools with indexable inserts.

Solid carbide twist drill (high performance twist drill) 4 margins / coolant fed

Type 158-00

diameter range: 3 000 - 14 000 mm



Solid carbide twist drill 2 margins / coolant fed (available on request)

diameter range 3 000 - 14 000 mm







F440...F445

Ball nose end mill











B300

Tap size end mill

solid carbide

90° countersink

DIN 8378

3-fluted

30° helix

B200 Solid carbide drill DIN 1897 3-fluted 30° helix

140° drill point







diameter range: 6 000 - 40 000 mm



Type 160

F005-01

solid carbide

3-fluted

diameter range: 6.000 - 40.000 mm





Ball nose end mill

F244...F251 F341...F347

Rall nose end mill

DIN 6527

2-fluted

DIN 6527 + botek standard 4-fluted 30° helix Ø 2.500 - 10.200 mm | Ø 1.800 - 25.000 mm | Ø 3.000 - 20.000 mm | Ø 3.000 - 20.000 mm | Ø 3.000 - 20.000 mm









holders etc.)

are also

Please contact your

botek representative.

Regrinding (single flute gundrills)

Type ZS

Type PS

Sharpening fixture single flute gundrills can tool grinding machine. Ø 0.500 - 6.000 mm











machine

MS 01

Bench top grinding



MS 12-2

tool diameters from 1.850 mm to



MS 12-3 Multi-station grinding machine

Multi-station grinding machine for highly efficient grinding of large batches of tools with the same point geometry. The machine is suitable for 12.000 mm and tool lengths up to





Coolant pressure gauging-kit Drill Head Setting Gauge

Axial-Pulsator

The botek Axial-Pulsator has been developed to maximize the feed rate of straight fluted deep hole drilling tools when drilling steel and long chipping materials.

botek's Axial-Pulsator achieves equal hole making quality (straightness, run out, concentricity and surface finish) as standard deep hole drilling tools with economic performance.







Coolant pressure gauging-kit Coolant pressure gauging-kit for machining centres on deep hole drilling machines.



Drill Head Setting Gauge





Express production line/Stock program

Express production line

Product range:

- Type 110 Single flute gundrills with brazed carbide tip
- Type 120 Twin fluted drills with brazed carbide tip
- Single flute gundrills in solid carbide design - Type 113
- Type 01 Single flute gundrills with indexable inserts and guide pads Contact: Andreas Lehmann (Lehmann@botek.de; F: +49 7123 3808-192)

Stock program:

- Type 110 Single flute gundrills with brazed carbide tip
- Single flute gundrills in solid carbide design
- Type 113-HP Single flute gundrills in solid carbide design
- Single flute gundrills with indexable inserts and guide pads

More information regarding our stock program please see our new homepage, www.botek.de.

Service

Customer testing in our research and development department:

- tool development specifically tailored to suit your application
- supportive when introducing the latest technology
- solving processing problems

Process layout: You submit us your drilling application and we will develop the whole process from engineering to finding the perfect tooling solution.

Process optimization: Our team of Application Engineers analyse and improve your process in your facility and coordinate all technical details.

Reduced manufacturing costs by:

- optimised cutting values
- improved tool life
- shortenend auxiliary process time
- maximized process capacity is our goal.

The botek trial department assists you in all stages of the process with:

- Feasibility tests
- Optimization
- Instruction and training for your technicians

botek offers prompt and cost effective in house regrinding service.

botek offers prompt and cost effective in house coating service.

You can download our catalogs HERE

• Please see our application notes

250 000 002/32-2018

- Our General Standard Terms and Conditions, which we assume as known, apply.
- We reserve the right to make modifications in the interests of technical improvement. Such modifications cannot, in principle, be accepted as justifiable grounds for complaint.
- Subject to change. The manufacturer accepts no responsibility for misprints and other errors.

botek

DEEP HOLE DRILLING SYSTEMS SOLID CARBIDE TOOLS

botekUSA

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Phone (630) 893-5300 **Fax** (630) 893-5400 E-Mail Info@botekUSA.com

www.botekUSA.com















Tools for drilling system BTA are not recommended for use on machining centres

Single flute and twin fluted gundrills are highly suitable for drilling on modern CNC machining centres.

Tools for drilling system Ejector are highly suitable for drilling on modern CNC machining centres.