

Special tools

botek special tools –
a customised solution for your application.

Because of our experience, manufacturing deep hole drilling tools botek began to build carbide tools in special designs for specific customer applications.

Our team of highly skilled engineers and application specialists makes botek your ideal partner for your difficult cutting tool applications.

botek advantages:

1. Individual solutions to optimize and solve your application needs.
2. Special tools manufactured to customer specifications.
3. Accurate and professional advice.
4. Years of tooling experience and knowledge.
5. Overall performance optimized for your machinery.
6. Assured and consistent tool quality.
7. Production cost savings.
8. On time delivery.
9. Manufacturing process optimization.
10. Reduced processing costs.
11. Increased productivity.
12. Re-sharpening available by botek.
13. In-house coating service.

Our catalog displays only a small range and selection of our total special tool manufacturing variety. Kindly submit your drawing or sketch for evaluation.

Please forward us your application information at info@botek.de or phone +49 7123 3808-0

botek®

DEEP HOLE DRILLING SYSTEMS
SOLID CARBIDE TOOLS

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SOLID CARBIDE TOOLS



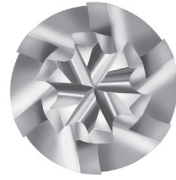
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 - Subject to change. The manufacturer accepts no responsibility for misprints and other errors.
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Special tools

Special counterboring tool

solid carbide per drawing
example, 6-fluted



Solid carbide drill Type B200

solid carbide
3-fluted
30°helix
140°drill point

diameter range:
1,000 - 20,000 mm



special design
on request

Tap removing drill Type 155-00

solid carbide for tap M2-M12



Tap size drill Type B300

solid carbide
3-fluted
30°helix
90°countersink

diameter range:
2,500 - 10,200 mm



Endmill

solid carbide
3-flute
45°helix
right hand cutting
centre cutting

diameter range:
5,000 - 20,000 mm



alternatively:
4-flute

Endmill

solid carbide
3-flute
30° resp. 45°helix
right hand cutting
centre cutting

diameter range:
3,000 - 20,000 mm



alternatively:
4-flute

Endmill

solid carbide
3-flute
30°helix
right hand cutting
centre cutting

diameter range:
3,000 - 20,000 mm



alternatively:
2-flute, 5-flute
6-flute, 8-flute design

Endmill

solid carbide, 4-flute
30°helix, right hand cutting
centre cutting

diameter range:
4,800 - 32,000 mm
without centre cut
diameter range:
0,800 - 4,799 mm



Endmill

solid carbide, 4-flute
45°helix, right hand cutting
with centre cut
diameter range:
4,800 - 32,000 mm
without centre cut
diameter range:
0,800 - 4,799 mm



Pilot drill

solid carbide
3-fluted
tapered spiral fluted

diameter range:
1,800 - 20,000 mm



Pilot drill Type 153-03

solid carbide
nose grind 140°/90°
(SA0174)
coolant fed

diameter range:
2,500 - 25,000 mm



Pilot drill Type 153-02

solid carbide
nose grind 140°/90°
(SA0174)
non-coolant fed

diameter range:
0,500 - 25,000 mm



available in special lengths

NC-Spot drill Type B206

solid carbide
helical fluted
right hand cutting
nose grind 60°

diameter range:
2,000 - 20,000 mm



NC-Spot Type B209

solid carbide
helical fluted
right hand cutting
nose grind 90°

diameter range:
2,000 - 20,000 mm

NC-Spot drill Type B212

solid carbide
helical fluted
right hand cutting
nose grind 120°

diameter range:
2,000 - 20,000 mm

Engraving tool Type G312

solid carbide
nose grind 60°

diameter range:
1,500 - 20,000 mm



special design:
contour engraving tool

Engraving tool Type G300

solid carbide
nose grind 90°

diameter range:
1,500 - 20,000 mm



special design:
contour engraving tool

Milling cutter T-slot Type F003-01

solid carbide
8-fluted
straight flute
coolant fed as per
customers drawing



Milling cutter T-slot Type F003-02

solid carbide
12-fluted
staggered tooth



Milling cutter T-slot Type F003-02

solid carbide
12-fluted
helical tooth



Milling cutter for T-slots Type F003-03

solid carbide
12-fluted
straight tooth



Angle cutter Type F002-1

solid carbide
straight positive flute



Angle cutter Type F002-2

solid carbide
straight negative flute



Stepped pilot drill Type 154-03

solid carbide
30°helix
spiralisiert
nose grind 140°/90°
(SA0174)
coolant fed

diameter range:
1,800 - 16,000 mm



Stepped pilot drill Type 154-02

solid carbide
30°helix
spiralisiert
nose grind 140°/90°
(SA0174)
non-coolant fed

diameter range:
1,800 - 16,000 mm



4-flute counterboring tool Type 140

with solid carbide tip

diameter range:
6,000 - 40,000 mm



6-flute counterboring tool Type 160

with solid carbide tip

diameter range:
6,000 - 40,000 mm



Ball nose end mill Type F244...F251

solid carbide
DIN 6527
+ botek standard
2-flute

diameter range:
3,000 - 25,000 mm



Ball nose end mill Type F341...F347

solid carbide
DIN 6527
+ botek standard
3-flute
30°helix

diameter range:
3,000 - 25,000 mm



Ball nose end mill Type F440...F445

solid carbide
DIN 6527
+ botek standard
4-flute

diameter range:
3,000 - 25,000 mm



Corner rounding end mill Type F001

solid carbide
straight fluted



Double angle Type F004

solid carbide
straight fluted



Insert pocket end mill Typ F005-01

solid carbide
3-fluted

diameter range:
1,800 - 25,000 mm



Twist drill Type 150-02

solid carbide
spiral fluted
coolant fed

diameter range:
2,800 - 25,000 mm



Twist drill Type 150-00

solid carbide
spiral fluted
non-coolant fed

diameter range:
0,300 - 25,000 mm



Stepped twist drill Type 152-01

solid carbide
spiral fluted
coolant fed

front diameter:
1,800 - 16,000 mm



Stepped twist drill Type 152-00

solid carbide
spiral fluted
nose grind 140°
non-coolant fed

front diameter:
1,800 - 16,000 mm

